TA-50

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Date: July 31, 2003
Refer to: ER2003-0488

JUL 2003

Mr. John Young, Corrective Action Project Leader
Permits Management Program
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2905 Rodeo Park Drive East
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SUBJECT: SUBMITTAL OF THE INVESTIGATION WORK PLAN (IWP) FOR MATERIAL DISPOSAL AREA (MDA) C, SOLID WASTE MANAGEMENT UNIT (SWMU) 50-009 AT TECHNICAL AREA (TA) 50

Dear Mr. Young:

Enclosed please find the Certification and two copies of the "*Investigation Work Plan for Material Disposal Area C, Solid Waste Management Unit 50-009 at Technical Area 50*". Additional copies are available upon request.

The IWP for MDA C describes the investigation activities needed to complete characterization of the nature and extent of contaminant releases at MDA C. These investigation activities are designed to augment the results of the Phase I Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) and other investigations at MDA C, which are described in the Historical Information Report (HIR) provided as Appendix B to the IWP. These previous investigations include the Phase I RFI activities conducted to meet the substantive requirements of the Environmental Protection Agency (EPA)-approved RFI work plan for former Operable Unit 1147, with modifications proposed by the Los Alamos National Laboratory (LANL). The majority of the data presented in the HIR has not been included in reports previously submitted to the New Mexico Environment Department (NMED).

The Department Of Energy (DOE) and the University Of California (UC) recognize that requirements for investigation of MDA C were included in the Imminent and Substantial Endangerment (ISE) Order issued by NMED to DOE and UC on November 26, 2002. On May 21, 2003, NMED, DOE, and UC reached an agreement-in-principle to replace the ISE Order with an Administrative Order on Consent (Consent Order). This Consent Order will include investigation requirements for numerous sites at LANL, including MDA C. Negotiations between NMED and DOE/UC on the Consent Order were ongoing during the preparation of the IWP. Thus, the IWP does not reference specific requirements of the Consent Order related to MDA C. DOE and UC expect that full implementation of the IWP approved by NMED will satisfy all applicable regulatory requirements at MDA C..

For informational purposes only, DOE and UC have prepared a tabular comparison of the investigation requirements of the ISE Order with the investigation activities contained in the EPA-approved RFI work plan and modifications and the RFI fieldwork completed to date at MDA C. This information is voluntarily provided as Enclosure 1 to this letter.

If you have any questions, please contact John Hopkins at (505) 667-9551 or Woody Woodworth at (505) 667-5820.

Sincerely,

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

Sincerely,

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

DM/DG/PB/vn

Enclosures: 1) Tabular Comparison of Investigation Requirements for MDA C
2) IWP for MDA C (SWMU 50-009) at TA-50
3) Certification

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CERTIFICATION

CERTIFICATION BY THE RISK REDUCTION AND ENVIRONMENTAL STEWARDSHIP-REMEDIATION SERVICES (RRES-RS) PROJECT TECHNICAL REPRESENTATIVES

Document Title: **SUBMITTAL OF THE INVESTIGATION WORK PLAN (IWP) FOR MATERIAL DISPOSAL AREA (MDA) C, SOLID WASTE MANAGEMENT UNIT (SWMU) 50-009 AT TECHNICAL AREA (TA) 50**

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

Name: _____ Date: 7/29/03

David McInroy, Acting Deputy Project Director
Remediation Services
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or

_____ Date: _____

Beverly A. Ramsey, Division Leader
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_____ Date: 7/30/03

David Gregory, Project Manager
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Department Of Energy/Los Alamos Site Office

or

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Herman LeDoux,
Assistant Area Manager of
Environmental Projects
Department Of Energy/Los Alamos Site Office

Crosswalk of November 26, 2002,
Imminent and Substantial Endangerment (ISE) Order Investigation Scope and RFI Field Work Completed

Media or Sample Type	ISE Order Scope	RFI Work Plan for OU 1147 (1992, 07672) Specifications	Modified Work Plan Specifications (1995, 49969)	Phase I RFI Field Work Completed (1993-Spring 2003)	ISE Order Scope Met?
Disposal Units (Surveys)	**MDA C Survey of Disposal Units** LANL shall conduct a survey of the disposal units at MDA C. LANL shall determine the dimensions and total depth of each disposal shaft and pit, as well as the base profile, topography, low elevation point, and downslope end of the base of each shaft and disposal pit. The dimensions and base elevations of each pit and shaft shall be determined using as-built construction drawings and boring logs. If unavailable, ground penetrating radar, magnetic surveys, or other methods shall be used. The methods used to evaluate the pits and shafts shall be approved by the Department prior to implementation. The survey shall be completed prior to implementation of the drilling explorations.	No specifications for use of drawings or geophysics to survey disposal units.	No specifications for use of drawings or geophysics to survey disposal units.	As-built drawings of the disposal units at MDA C have been located. These drawings show the dimensions and depths of the disposal units. Two geophysical surveys of MDA C were completed in 2001 and 2002 using magnetic surveys and ground-penetrating radar. These surveys provide information on the current fill depth across the site and the locations and boundaries of the pits. Based on these geophysics surveys and as-built drawings, revised maps of MDA C have been developed.	YES.
Drilling Explorations	**MDA C Drilling Explorations** LANL shall conduct subsurface investigations to characterize fracture density, fracture orientation; and fracture fill material at MDA C. The fracture characterization shall be completed utilizing data acquired from outcrop, cores, and downhole geophysical and video data. The methods and locations for collecting rock fracture data shall be approved by the Department prior to data collection. The following are minimum requirements for completing subsurface explorations of the pit and shaft areas at MDA C: 1. A minimum of one boring shall be advanced at the following locations: (1) directly adjacent to the down-slope end of each pit; (2) at the lowest base elevation point of each disposal pit; (3) at the corners of each disposal pit, at 100-ft intervals along the sides of	No specifications for fracture characterization. 1. 6 vertical boreholes 2. Vertical borehole locations outside perimeter fence – 3 on north boundary, 1 each east, west and south. 3. Anticipated depth of vertical	No specifications for fracture characterization. 1. Vertical or near-vertical boreholes per OU 1147 Work Plan but moved to within approximately 25 ft of the disposal units. 2. Two shallow-angle boreholes traversing Pits 1–5	Fracture characterization has not been performed. 1. One vertical borehole on north side of Pit 5. One vertical borehole on south side of Pit 1. One vertical borehole on south side of Pit 6. Depth of vertical borehole near Pit 1 was approximately 90 ft. Depth of vertical borehole near Pit 6 was approximately 250 ft. 2. Four 45-degree angled boreholes under Pit 6; one extends beneath the chemical pit. One 70-degree	NO. (Refer to Section 4 of IWP)

Media or Sample Type	ISE Order Scope	RFI Work Plan for OU 1147 (1992, 07672) Specifications	Modified Work Plan Specifications (1995, 49969)	Phase I RFI Field Work Completed (1993-Spring 2003)	ISE Order Scope Met?
	disposal pits 1 through 6; (4) at 70 ft intervals along the sides of the chemical pit; (5) at the ends of each shaft row; (6) at 50-ft intervals along each shaft row; and (7) adjacent to the location of the strontium-90 disposal shaft. Where practical, boring locations may be combined to address more than one of the requirements listed above. 2. Angled borings shall be advanced beneath all pits where access for drilling of vertical borings is restricted. 3. The Department must approve all borehole locations prior to the start of drilling activities. 4. The borings shall be advanced using hollow-stem auger drilling methods, where practicable, or other drilling methods approved by the Department. 5. The borings shall be drilled to minimum depths of 20 ft below the base of the pits and a minimum of 20 ft below the base of the deepest shafts in a shaft row or shaft field. 6. The borings shall be advanced a minimum of 25 ft below the deepest detected vapor-phase, soil/rock or groundwater contamination as detected by field screening or previous investigations. 7. Each borehole shall be characterized using geophysical logging techniques approved by the Department prior to data collection. 8. A general design for vapor monitoring well construction shall be submitted to the Department for approval prior to the start of subsurface explorations at MDA C. 9. Each boring shall be completed as a vapor monitoring well. The screened intervals or sample port locations and methods and materials used to construct each vapor monitoring well shall be based upon information obtained during drilling activities and open-hole vapor	boreholes was 80 ft. 4. 4 angled boreholes 5. Vertical depth of angled boreholes from approximately 50 to 120 ft. 6. 2 angled boreholes under Pits 1-5. 7. 1 angled borehole under shaft group 8. 1 angled borehole under chemical pit and Pit 6 9. Use air-drilling methods. 10. Lithologic descriptions (including fracture density, lining, and angle) and moisture content in each borehole. 11. Boreholes to be abandoned after drilling and sampling; no provisions for	from north to south. 3. Two angled boreholes traversing the chemical pit and Pit 6 from north to south. 4. One 45-degree angled borehole from west to east under Pit 4. 5. One 45-degree angled borehole from west to east under Pit 1. 6. One 45-degree angled borehole from east to west under Pit 5. 7. A secondary objective of the 250 ft vertical borehole north of Pit 5 was to determine if perched water exists beneath MDA C.	angled borehole under the Chemical Pit. One 45-degree angled borehole under Pit 5. One 45-degree angled borehole under Pit 4 and Shaft Group 3. One 45-degree angled borehole under Pit 1 and Shaft Group 3. One 45-degree angled borehole under Pit 3. The length of the angled boreholes ranged from approximately 90 to 120 ft. Depth of the vertical borehole near Pit 5 was approximately 315 ft 3. Noted. 4. Air methods were used on non-vapor sampling borehole locations and auger drilling for installing vapor monitoring wells. 5. All borings drilled beneath bottom of disposal units by at least 20 ft. 6. Two existing vapor-monitoring wells were drilled to over 25 ft below the deepest depth of detectable field screening VOC concentrations (>1 ppm). Subsequent monitoring has indicated VOC contamination extends below the bottom of borehole 50-09100. 7. Two existing boreholes have geophysical logging. 8. As-built drawings of the two existing vapor-monitoring boreholes are available and monitoring data have been reported in quarterly surveillance reports. Construction is consistent with vapor-monitoring boreholes	

Media or Sample Type	ISE Order Scope	RFI Work Plan for OU 1147 (1992, 07672) Specifications	Modified Work Plan Specifications (1995, 49969)	Phase I RFI Field Work Completed (1993-Spring 2003)	ISE Order Scope Met?
	sampling field screening results, and shall be approved by the Department prior to well construction. 10. At a minimum, two borings shall be advanced at MDA C to evaluate the presence of intermediate/perched groundwater and vapor-phase contamination at depth beneath the site. The boring location, depth of the boring, the drilling and sampling program and the well design shall be approved by the Department prior to the start of drilling activities. 11. At a minimum, one TA-50-specific well shall be installed that intersects the regional aquifer at a location approved by the Department. The well shall be located generally east or southeast of MDA C.	vapor sampling or monitoring.		used for the TA-54 MDAs L & G pore-gas sampling program. 9. Two boreholes have been completed as vapor monitoring boreholes. 10. Two boreholes have been completed to depths of 250 and 315 ft with no indication of perched water. 11. Well R-14 was installed downgradient of MDA C and a flow path analysis is being performed. Groundwater sampling and monitoring will be performed under the IWP for Mortandad Canyon and in the Site-Wide Monitoring Plan.	
Soil and Rock Sampling	**MDA C Soil and Rock Sampling** The following are minimum requirements for completing soil and rock sampling during subsurface drilling explorations at MDA C: 1. Soil and rock samples shall, at a minimum, be obtained from each boring at 10-ft intervals, from the bedrock directly below the base elevation of each pit or shaft, and from the maximum depth of each boring. 2. The samples shall be collected and screened. 3. Two cores shall be collected from each stratigraphic unit for permeability testing. 4. A minimum of two samples per 100 ft of drilling depth shall be selected from each boring for analysis. The samples submitted for laboratory analyses shall be analyzed for VOCs, SVOCs, pH, HE compounds, PCBs, dioxins, furans, nitrates, perchlorate, TAL metals, cyanide, and radionuclides (including total uranium). The selection of the samples shall include those locations outlined in items 5 through 9 below.	1. Field screening for organic vapors and gross radioactivity every 5 ft along the borehole. 2. Laboratory analysis of a tuff core sample every 15 ft along the borehole. 3. Up to 5 samples of tuff surrounding a fracture per borehole, depending on conditions encountered.	"Sampling frequency and analyte suites will remain as detailed in the Work Plan."	1. Field screening for organic vapors and gross radioactivity every 5 ft of borehole core. 2. Samples were collected according to appropriate SOPs. 3. Core samples have not been collected for permeability testing. 4. Laboratory analysis of tuff core samples occurred approximately every 20 ft along each borehole. Phase I RFI tuff samples were analyzed for VOCs, SVOCs, pesticides and PCBs, metals, cyanide, tritium, americum-241, isotopic plutonium, isotopic uranium, isotopic thorium, strontium-90, and gamma spectroscopy.	YES. (Excepting permeability testing and analytical suites; refer to Section 4 of IWP)

Media or Sample Type	ISE Order Scope	RFI Work Plan for OU 1147 (1992, 07672) Specifications	Modified Work Plan Specifications (1995, 49969)	Phase I RFI Field Work Completed (1993-Spring 2003)	ISE Order Scope Met?
	5. The samples displaying the greatest field screening evidence of contamination shall be selected for submittal to the analytical laboratory for chemical analysis of the analytes listed in Item 4 above. 6. If field-screening evidence of contamination is not observed in a boring, the sample obtained from the bedrock directly below the base elevation of each pit or shaft shall be submitted for chemical analysis of the analytes listed in Item 4 above. 7. The sample obtained from the maximum depth of each boring also shall be submitted to an analytical laboratory for analysis of the analytes listed in Paragraph 4 above. 8. The sample obtained from the maximum depth in each boring that displays field screening evidence of contamination shall be submitted to an analytical laboratory for analysis of the analytes listed in Paragraph 4 above. 9. Samples obtained from high permeability units such as surge beds, fracture zones and pumice beds shall be submitted to an analytical laboratory for analysis of the analytes listed in Paragraph 4 above.	4. Between 3 and 9 samples of fracture lining minerals per borehole, depending on conditions encountered. 5. Approximately 160 tuff samples, plus contingency samples for fractures as described above. 6. Analytes: VOCs, SVOCs, metals, strontium-90, tritium, isotopic plutonium, total uranium, and gamma spectroscopy.		5 through 9: Samples with greatest field screening evidence of VOC or radionuclide concentrations were submitted for analysis. Samples with visible fractures were preferentially submitted for analysis. A tuff sample was collected from the maximum depth of each borehole.	
Vapor Monitoring	**MDA C Vapor Monitoring** LANL shall, at a minimum, collect vapor samples from discrete zones in each vapor monitoring well or boring, at depths approved by the Department, and as total well or boring samples for field and laboratory analyses. The following minimum requirements shall be fulfilled at MDA C: 1. Vapor samples shall be collected from all newly drilled borings during site investigation activities. 2. An investigation vapor monitoring and sampling work plan shall be prepared and submitted by LANL to the Department for approval.	No specifications for vapor monitoring.	No specifications for vapor monitoring.	1. VOC samples have been collected quarterly from the two vapor monitoring boreholes since their completion. Vapor sampling has been completed in accordance with the procedures developed for the TA-54 pore gas-monitoring program. Vapor samples will be collected from each newly drilled borehole proposed in the Investigation Work Plan.	NO. (Refer to Section 4 of IWP)

Media or Sample Type	ISE Order Scope	RFI Work Plan for OU 1147 (1992, 07672) Specifications	Modified Work Plan Specifications (1995, 49969)	Phase I RFI Field Work Completed (1993-Spring 2003)	ISE Order Scope Met?
	3. Vapor sampling shall be conducted at MDA C in each existing and newly constructed vapor well and boring. 4. Samples of subsurface vapors shall be collected by LANL from vapor monitoring points at both discrete zones, selected based on investigation and monitoring results, and as total well subsurface vapor samples. 5. Based on the results of the investigation vapor monitoring, a long-term subsurface vapor monitoring and sampling program work plan shall be submitted to the Department for approval prior to implementation of a long-term vapor monitoring and sampling program at MDA C.			2 through 4: Vapor sampling is currently conducted on every available discrete depth in existing boreholes. All depths are also screened for TCA, TCE, PCE, CO2, Freon-111, and H2O.	
Intermediate Groundwater	**MDA C Intermediate Groundwater Well Installation** LANL shall construct a minimum of one intermediate depth groundwater monitoring well at MDA C if evidence of perched groundwater is observed during the drilling of the two borings drilled to evaluate for the presence of intermediate/perched groundwater or during drilling of the regional groundwater monitoring well. 1. The borings shall be drilled to a minimum depth of 800 ft below the ground surface. 2. Vapor samples and groundwater samples (if encountered) shall be collected from the borings prior to well construction or abandonment. 3. A monitoring well design plan shall be submitted to the Department for approval prior to construction of the intermediate well(s). 4. The Department may impose specific conditions for well construction, require the boring to be extended to the regional aquifer or require the drilling of additional borings that intersect the intermediate perched zones or regional aquifer based on the sampling results.	No specifications for intermediate groundwater wells.	A secondary objective of the 250 ft vertical borehole north of Pit 5 was to determine if perched water exists beneath MDA C.	1. The maximum depth of existing boreholes at MDA C is 315 ft. No perched water has been observed beneath MDA C. The Cerro Toledo interval and into the Otowi Member, strata that extend across the site and adjacent canyons, are potential regions of saturation because of their hydrologic properties. These strata have not yet been sampled at MDA C. 2. Vapor samples have been collected from the two monitoring wells. No saturated regions have been encountered beneath MDA C for water sampling. 3. 4. Noted	NO. (Refer to Section 4 of IWP)

Media or Sample Type	ISE Order Scope	RFI Work Plan for OU 1147 (1992, 07672) Specifications	Modified Work Plan Specifications (1995, 49969)	Phase I RFI Field Work Completed (1993-Spring 2003)	ISE Order Scope Met?
Regional Groundwater Wells	**MDA C Regional Groundwater Well Installation** LANL shall, at a minimum, construct one monitoring well associated with MDA C and TA-50 intersecting the regional aquifer. 1. The borings shall be monitored for the presence of intermediate/perched groundwater and vapor-phase contaminants prior to well construction. 2. Based on the results of vapor monitoring, the Department may require that LANL construct the wells to accommodate vapor monitoring in addition to groundwater monitoring and sampling.	No specifications for regional groundwater wells.	No specifications for regional groundwater wells.	A regional groundwater monitoring well (R-14) exists downgradient of MDA-C and a flow path analysis is being performed. Groundwater sampling and monitoring will be performed under the IWP for Mortandad Canyon and in the Site-Wide Monitoring Plan.	YES.
Groundwater Monitoring	**MDA C Groundwater Monitoring** LANL shall monitor and sample all wells containing alluvial, intermediate perched and/or regional groundwater in accordance with the following requirements: 1. Groundwater samples shall be collected from each saturated zone intersecting the monitoring wells for laboratory analysis of general chemistry parameters, including VOCs, SVOCs, HE compounds, perchlorate, TAL metals, cyanide, and radionuclides (including total uranium) and for any other analytes specified by the Department. 2. A groundwater monitoring and sampling work plan shall be submitted to the Department for approval prior to implementation of the groundwater sampling program at MDA C. 3. A long-term groundwater monitoring and sampling work plan shall be submitted to the Department for approval. The work plan shall include the specifics for conducting groundwater sampling at MDA C as part of the Mortandad Canyon watershed prior to implementation of the groundwater-sampling program.	No specifications for groundwater monitoring.	No specifications for groundwater monitoring.	Groundwater sampling and monitoring will be performed under the IWP for Mortandad Canyon and in the Site Wide Monitoring Plan.	YES.

Remediation Services

LA-UR-03-3803
July 2003
ER2003-0338

Investigation Work Plan for Material Disposal Area C, Solid Waste Management Unit 50-009 at Technical Area 50

Los Alamos
NATIONAL LABORATORY
Los Alamos NM 87545

DISCLAIMER

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

Produced by the Risk Reduction and Environmental Stewardship–Remediation Services Project

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Investigation Work Plan for Material Disposal Area C at Technical Area 50

(SWMU 50-009)

July 2003

Preparer:

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David Gregory		Project Manager	DOE-LASO	

EXECUTIVE SUMMARY

This investigation work plan (IWP) presents recommendations for investigation activities required to complete the Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) of material disposal area (MDA) C, solid waste management unit (SWMU) 50-009, at Technical Area (TA)-50 at Los Alamos National Laboratory (the Laboratory). The IWP also includes a description of sampling activities and analytical results for historical investigations at MDA C. The investigation activities described in this IWP are designed to address data gaps remaining after past investigations, including the Phase I RFI fieldwork conducted at MDA C.

The objectives of the IWP are to determine the nature and extent of hazardous waste constituent and/or radionuclide releases to the environment identified during the Phase I RFI. Evaluation of environmental data generated during the Phase I RFI consisted of comparisons of site data with background values (BVs) and/or fallout values (FVs) in environmental media, evaluation of correlations among environmental measurements, and spatial plots of contaminant concentrations in surface and subsurface environmental media. The following contaminant releases were identified at MDA C:

- Americium-241, plutonium-238, and plutonium-239/240 were elevated with respect to FVs in surface soil on the northeastern and eastern edges of MDA C.
- Limited evidence indicates that Aroclor-1260 and bis(2-ethylhexyl)phthalate may be elevated locally in the surface soil and the fill above Pit 6.
- Numerous metals were detected in subsurface tuff above BVs in one or more samples. These metals were predominantly detected above BVs in borehole 50-09109 beneath Pit 6.
- Numerous radionuclides were detected in the subsurface tuff. With the exception of strontium-90 and tritium, these detections occurred primarily below Pit 6.
- Volatile organic compounds (VOCs) frequently were detected in pore-gas samples collected from both monitoring boreholes.
- VOC surface-flux data indicate airborne releases of trichloroethylene (TCE) and tetrachloroethene (PCE) near the former Chemical Pit, in a location on the southern edge of Pit 5, and in the western regions of Pits 1 through 4.
- Near-surface tritium pore-gas concentrations indicate releases to the atmosphere from locations north of Pit 6 and in the vicinity of the northern portion of Shaft Group 3.

The Phase I RFI data were evaluated to determine if data gaps remain related to characterizing the nature and extent of contamination. The data gaps identified include

1. extent of metals, cyanide and radionuclide contamination in tuff beneath Pit 6;
2. concentrations and spatial extent of VOCs in the vapor phase in subsurface tuff;
3. concentrations and spatial extent of tritium in the vapor phase in subsurface tuff;
4. nature and extent of potential releases of metals, cyanide and radionuclides to tuff beneath Pits 1–5, Shaft Groups 1 and 2, and the strontium-90 disposal shaft;
5. extent of perchlorate, nitrate, dioxin, and furan contamination in tuff;
6. presence of perched groundwater beneath MDA C; and
7. information on hydrogeologic properties and fracture characteristics to support contaminant transport modeling of the vadose zone at MDA C.

To address data gap 1, two angled boreholes will be advanced beneath Pit 6 to evaluate the extent of metals, cyanide, and radionuclide contamination in tuff. A minimum of eight tuff samples will be collected from each borehole directly beneath Pit 6. One of these new boreholes will also be advanced under the Chemical Pit.

To address data gap 2, a minimum of two VOC pore-gas samples will be collected from each new borehole immediately after drilling activities are completed and again approximately one month after drilling activities are completed. Samples will be collected directly beneath the nearest disposal unit and at total depth of each borehole. Additional pore-gas samples will be collected from an 800-ft-deep vertical borehole to be advanced near the head of Ten Site Canyon to establish the vertical extent of vapor-phase VOCs north of Pit 5.

To address data gap 3, a minimum of two tritium pore-gas samples will be collected from each new borehole (including a new vertical borehole to be drilled at a location where near-surface tritium pore-gas data indicate a potential release) immediately after drilling activities are completed and again approximately one month after drilling activities are completed. Samples will be collected directly beneath the nearest disposal unit and at total depth of each borehole. Additional pore-gas samples will be collected from an 800-ft deep vertical borehole to be advanced near the head of Ten Site Canyon to establish the vertical extent of tritium north of Pit 5.

To address data gap 4, eight angled and one vertical boreholes will be advanced beneath Pits 1–5, Shaft Groups 1 and 2, and the strontium-90 disposal shaft to establish the extent of metals, cyanide, and radionuclide contamination beneath these pits and shafts. A minimum of eight tuff samples will be collected from each angled borehole directly beneath the disposal unit and a minimum of seven tuff samples will be collected from the vertical borehole.

To address data gap 5, all tuff samples associated with data gaps 1 and 4 will be analyzed for nitrates and perchlorate. A subset of these tuff samples will be analyzed for dioxins and furans.

To address data gap 6, a vertical borehole near the head of Ten Site Canyon will be drilled to a depth of 800 ft to investigate whether perched groundwater is present below MDA C. Moisture levels will be recorded at one-foot intervals to total depth of the borehole.

To address data gap 7, data on the geophysical properties of vadose zone tuff will be collected from the 800-ft borehole to verify the evaluation of fate and transport mechanisms for contaminants in the subsurface at MDA C in the future corrective measure study.

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1.0 INTRODUCTION

1.1 General Site Information

Los Alamos National Laboratory (LANL or the Laboratory) is a multidisciplinary research facility owned by the Department of Energy (DOE) and managed by the University of California. The Laboratory is located in north-central New Mexico approximately 60 miles northeast of Albuquerque and 20 miles northwest of Santa Fe. The Laboratory covers 40 square miles of the Pajarito Plateau, which consists of a series of finger-like mesas separated by deep canyons containing perennial and intermittent streams running from west to east. Mesa tops range in elevation between approximately 6200 ft and 7800 ft.

The Laboratory's Risk Reduction and Environmental Stewardship–Remediation Services (RRES-RS), formerly the Environmental Restoration (ER) Project, is participating in a national effort by the DOE to clean up sites and facilities formerly involved in weapons research and production. The goal of RRES-RS is to ensure that past operations under the DOE do not threaten human or environmental health and safety in and around Los Alamos County, New Mexico. To achieve this goal, RRES-RS is currently investigating sites potentially contaminated by past Laboratory operations. The sites under investigation are either solid waste management units (SWMUs) or areas of concern (AOCs).

The SWMU addressed in this plan (SWMU 50-009) contains both hazardous and radioactive components.[1] Depending on the type of contaminant(s) and the history of a site, the New Mexico Environment Department (NMED) or the DOE has administrative authority over work performed by the RRES-RS Program at that site. NMED has authority under the State of New Mexico Hazardous Waste Act (NMHWA) over cleanup of sites with hazardous waste or certain hazardous constituents, including the hazardous waste portion of mixed waste (i.e., waste contaminated with both radioactive and hazardous constituents). The DOE has authority over cleanup of sites with radioactive contamination. Radionuclides are regulated under DOE Order 5400.5, "Radiation Protection of the Public and the Environment," and DOE Order 435.1, "Radioactive Waste Management." DOE is also the administrative authority for sites not under NMED's NMHWA authority.

NMED enforces the Hazardous and Solid Waste Amendments (HSWA) Module of the Laboratory's Hazardous Waste Facility Permit, hereafter referred to as Module VIII. Module VIII specifies conditions and requirements for investigation and cleanup activities at the Laboratory, which are performed by RRES-RS. The Environmental Protection Agency (EPA) issued Module VIII on May 23, 1990, and revised it on May 19, 1994 (EPA 1990, 1585; EPA 1994, 44146). NMED is currently revising the Hazardous Waste Facilities Permit.

In accordance with Module VIII, the nature and extent of releases of hazardous waste or hazardous constituents are determined through the Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) process. Under RRES-RS, the Laboratory also implements the RFI process for those sites under the administrative authority of DOE.

Material disposal area (MDA) C (SWMU 50-009) is located in the east-central portion of the Laboratory on a mesa at the head of Ten Site Canyon (Figure 1). MDA C is an 11.8-acre fenced, radiologically controlled area containing seven subsurface disposal pits and 108 shafts of various dimensions. It is located near the west end of Mesita del Buey, a mesa located primarily between Mortandad Canyon and

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[1] This document contains data on radioactive wastes, including source, special nuclear, and byproduct material. The management of these materials is regulated under the Atomic Energy Act and is specifically excluded from regulation under the Resource Conservation and Recovery Act and the New Mexico Hazardous Waste Act. These data are provided to the New Mexico Environment Department for informational purposes only.

Pajarito Canyon. Technical Area (TA)-55 (the plutonium-processing facility); TA-42 (former incinerator site within the boundaries of TA-55); TA-50 (the Radioactive Liquid Waste Treatment Facility [RLWTF]), TA-52 (office and laboratory facilities); TA-62 (maintenance shop and office trailers); and TA-35 (formerly used for radionuclide research, currently the center for laser technology, optics, and nuclear safeguards) are also located on Mesita del Buey. Figure 2 shows the location of MDA C and other TAs on Mesita del Buey. Figure 3 shows the locations of the pits and shafts as well as other site surface features and topographical lines.

MDA C consists of seven pits, with depths ranging from 12 to 25 ft below the original ground surface, and 108 shafts with depths ranging from 10 to 25 ft below the original ground surface, i.e., before a cover was placed over the site in 1984. Pits and shafts are constructed in the Tshirege Member of the Bandelier Tuff, a consolidated tuff unit with relatively numerous fractures. The regional aquifer is estimated to be approximately 1300 ft deep based on data from other wells at the Laboratory and the predictions of the hydrogeologic conceptual model for the Pajarito Plateau (LANL 1998, 59599). The topography of MDA C is relatively flat, although the slope steepens to the north and where the northeast corner of MDA C abuts the south wall of Ten Site Canyon.

Historically, MDA C was used for the disposal of solids and liquids including uncontaminated classified wastes, hazardous chemicals, and radionuclides. Los Alamos Scientific Laboratory Engineering Drawings ENG-R-1264 (LASL 1970, 76047) and ENG-R-4459 (LASL 1974, 38446) were used to locate the pits and shafts. Two geophysical surveys verified the location and horizontal dimensions of the disposal pits (AGS 2001, 73710.1; AGS 2002, 73711.1) and the depth of cover thickness. The depth of cover materials across MDA C was investigated using ground-penetrating radar (GPR) in 2001 (AGS 2001, 73710.1). The cover thickness over Pits 1–6 ranges from approximately 2.5 ft to about 8 ft. However, the cover thickness over Shaft Groups 2 and 3, the western ends of Pits 1–4, and the Chemical Pit was estimated to be less than 1 ft. The current thickness of cover materials at MDA C is illustrated in Figure 4. The depth of the shafts and pits was documented in the operable unit (OU) 1147 Work Plan (LANL 1992, 07672) based on historical documents, but elevation data were not documented. Subsequent additions of cover material have increased the elevation across the site. The elevation of the shafts and pits at the time of excavation was estimated from the tuff/soil interface logged in the 1995 Phase I RFI borehole logs (Appendix C).

This investigation work plan (IWP) presents the results of historical investigations (including the Phase I RFI) of MDA C, SWMU 50-009, at TA-50 and presents recommendations for additional activities required to complete the investigation of MDA C. The IWP includes site background, site conditions, scope of activities to complete the investigation, investigation methods, and the anticipated schedule for completing the field activities. Appendix A includes a list of acronyms, defines terms used in this report, and presents a table with metric-to-US customary conversions. Appendix B describes the historical RFI activities and analytical results for MDA C, including data interpretation to establish if releases had occurred from disposal units and the preliminary determination of the nature and extent of contamination. Appendix C contains the borehole logs from Phase I RFI drilling activities. Appendix D describes statistical analyses to support data interpretation. Appendix E, on a CD on the inside back cover of this report, provides the Phase I RFI data. Appendix F describes the regulatory history of MDA C. Appendix G contains the 1999 ecological scoping checklist for MDA C and the 2002 surface water assessment. Appendix H describes the results of the quality assurance (QA)/quality control (QC) process. Appendix I contains information on the environmental setting, stratigraphy, and geochemistry of the MDA C area.

1.2 Investigation Objectives

The objectives of the IWP for MDA C are to

- determine the nature and extent of hazardous waste constituents and/or radionuclide releases to the environment identified during the Phase I RFI;
- establish the rationale for data collection and analysis; and
- identify appropriate methods and protocols for collecting, analyzing, and evaluating data to finalize the characterization of MDA C.

RRES-RS conducted Phase I RFI fieldwork at MDA C from 1993 to 2003. The results of these investigations are summarized in a Historical Investigation Report (HIR) in Appendix B. Based on an evaluation of existing environmental data collected at MDA C, several data gaps were identified that must be addressed to define the nature and extent of contamination in the environment and to evaluate risks to potential human and ecological receptors. These data gaps are described in the HIR and in Section 4.1 of this IWP.

2.0 BACKGROUND

2.1 Operational History

MDA C is a decommissioned material disposal area established to replace MDA B at TA-21 as a disposal area for Laboratory-derived waste. MDA C operated from May 1948 to April 1974 but received waste only intermittently from 1968 until it was decommissioned in 1974. Wastes disposed at MDA C included liquids, solids, and gases generated from a broad range of nuclear energy research and development activities conducted at the Laboratory, including uncontaminated classified materials, metals, hazardous materials, and radionuclides. Historical reports (Rogers 1977, 0216) indicate that it was common practice for chemicals to be burned in the chemical disposal pit at MDA C. A chronology of the major events pertinent to MDA C is presented in Table 2-9, pp. 2-49 of the approved RFI Work Plan for OU 1147 (LANL 1992, 07672).

At MDA C, 7 pits and 108 shafts were excavated into the overlying soil and unit 3 of the Tshirege Member of the Bandelier Tuff (Figure 2). The pits and shafts were unlined except for 10 shafts in Shaft Group 3 that were lined with concrete. After each pit or shaft was filled with waste, it was backfilled to ground level with crushed tuff. Once the disposal shafts were filled, they were sealed with concrete. The dimensions and operational dates of the pits and shafts are listed in Table 1.

2.2 Land Use

MDA C is a decommissioned material disposal area located in an industrial area currently used for Laboratory waste management. The Laboratory does not anticipate that the land use at TA-50 and surrounding TAs will change in the future. Public access to the site is restricted by fencing, locked gates, and restricted access to Pajarito Road. Under present-day conditions, only Laboratory employees or contractors may enter the site for management operations (such as emplacing erosion controls) or collection of environmental samples.

2.3 Relationship to Other SWMUs and AOCs

The only SWMU and/or AOC within close proximity that potentially could have affected MDA C is SWMU 50-006(c). SWMU 50-006(c) refers to surface soil contamination from radioactive contaminants

(primarily isotopes of plutonium and americium) deposited by historical stack emissions from operations at TA-50. Based on Phase I RFI data for MDA C and adjacent SWMUs at TA-50 and TA-35, the only areas within close proximity that could potentially have been affected by MDA C is Ten Site Canyon, which is considered an AOC. Eroded surface soils from MDA C, in addition to soils and contaminant releases from other SWMUs and/or AOCs at TA-50 and other TAs, have been deposited in the canyon bottom and stream banks (Nyhan et al. 1978, 5702).

2.4 Contaminant Transport Mechanisms and Potential Receptors

The inventory of wastes disposed of at MDA C includes radionuclides, metals, and organic chemicals. The relevant release and transport processes associated with these wastes are a function of chemical-specific properties, the physical form and/or container associated with a waste, and the nature of the transport process. The transport of tritium and VOCs, for example, occurs primarily in the gas phase and by diffusion or advection in air. Relatively water-soluble contaminants, primarily certain metals and radionuclides, are susceptible to release and transport via infiltration of water through the interred wastes. These contaminants can also be associated with higher likelihood of transport via root uptake of grasses, shrubs, and trees. Strontium-90 is a good example of such a contaminant. Contaminants with relatively low water solubility, including organic chemicals such as Aroclors, are likely to be released from subsurface wastes only by some physical disturbance such as excavation by burrowing animals. The primary potential release and transport mechanisms for contaminants in subsurface wastes at MDA C include the following:

- *Volatilization, diffusion, and dispersion in air.* Gas or vapor-phase contaminants diffuse from waste and mix with air in the shafts or pits, then diffuse through the air-filled pores in the subsurface rock. Migration of gas- or vapor-phase contaminants from tuff into ambient air may occur by diffusion or by advection driven by barometric pressure changes.
- *Dissolution and advective transport in water.* Rain or melting snow on the surface moves down through the shafts and pits, dissolves contaminants, and slowly transports dissolved contaminants through the subsurface rock. Transport in tuff may be facilitated by the presence of fractures, particularly when fractures have coatings with low conductivity or when sufficient liquid saturates the matrix adjacent to the fracture where flow is occurring.
- *Biotic perturbation and translocation of contaminants in subsurface wastes.* Plants grow into the waste and incorporate contaminants into their surface biomass; contaminants are deposited onto the soil surface as biomass decays. Burrowing animals excavate contaminated wastes and release them onto the soil surface as burrow spoils. Surface contamination may then be transported back into the subsurface by burrow collapse or dissolution in surface water infiltrating the soil or be transported away from the site by suspension in air or surface water runoff.

In addition to the processes described above, which were discussed in the context of buried wastes, contaminants may also have impacted environmental media at MDA C from releases that occurred during the operation of MDA C. Dissolution of contaminants in infiltrating water, for example, may have been more prevalent during site operations when pits and shafts were open for disposals. Currently, two release mechanism are inactive at MDA C but may have contributed to existing contamination in environmental media:

- *Operational releases.* Contaminants may have been released to surface soil during the period when wastes were actively disposed at MDA C. Fires in the disposal pits at MDA C have been recorded (LANL 1992, 07672) and may have released contamination to surface soils and air.

- *Erosion prior to installation of existing cover.* The emplacement of a cover over MDA C in 1984 may have been instigated by erosion of the native cover prior to that time. Waste materials were reportedly exposed on the ground surface in the area of Pit 5 prior to the installation of the crushed tuff and fill cover in 1984 (LANL 1992, 07672).

Phase I RFI data collection activities occurred over the past ten years at MDA C. Site conditions have been relatively constant over this period, such that potential temporal changes in the concentrations of contaminants in environmental media are expected to be negligible. One exception may be the presence of locally elevated rates of water infiltration caused by surface depressions related to subsidence within the MDA. Subsidence has been observed above Pit 6 in a location coincident with a surface runoff channel. The subsidence has been repaired.

Receptors potentially exposed to contamination from MDA C include site workers at MDA C and TA-50 and biota at the site. Potentially, site workers may be exposed to contaminants via inadvertent soil ingestion, inhalation of suspended soil (dust), dermal absorption from soil on the skin, and external irradiation. Inhalation of gas-phase contaminants such as tritium and/or VOCs, emanating from the site into the atmosphere, is also a possible source of exposure. Ecological receptors may be exposed via these pathways as well as via root uptake and the food web; in addition, these receptors may be exposed to higher concentrations of vapor-phase contaminants in subsurface burrows.

Perched groundwater was not encountered nor is suspected beneath Mesita del Buey at MDA C (LANL 1998, 59599). No perched water was observed in 316 ft of drilling (to an elevation of 6917 ft) in the deepest borehole (borehole 50-09100, Appendix C). No perched water was observed in 700 ft of drilling (to an elevation of 6614 ft) in the nearby borehole SHB-1 or in borehole R-14 (Figure 5). Therefore, the potential for exposure of receptors through a water-mediated pathway is unlikely. Data from other wells at the Laboratory and predictions of the hydrogeologic conceptual model for the Pajarito Plateau place the regional aquifer at a depth of 1300 ft below MDA C (LANL 1998, 59599). Because of the depth to the aquifer and the low moisture content (1%–8% gravimetric moisture content) of the vadose zone, it is unlikely that contamination at MDA C could reach the regional aquifer in the near future. However, contaminants from MDA C have the potential to reach groundwater, and this pathway will be investigated and evaluated in the MDA C Investigation Report and the future Corrective Measure Study (CMS).

It is possible for plant roots and burrowing animals to penetrate the existing cover and come in contact with subsurface contamination. Site inspections have revealed that rodent and ant burrow spoils contain crushed tuff material that differs from surface soils. Grasses, trees, and shrubs are also present, or have historically been present, across MDA C. Results of recent sampling of burrow spoils and small ponderosa pines within MDA C (Appendix B) will be reported in the MDA C Investigation Report.

2.5 MDA C Waste Inventory

Waste disposal records for MDA C are contained in a series of disposal logbooks (LANL 2003, 76035). Radioactive waste disposal records provided sufficient detail to determine the location, type, and volume of waste disposed and to estimate the number of curies present in specific pits and shafts (Appendix B). However, little data exist on the volume of hazardous constituents disposed of at MDA C. The description of waste items disposed at MDA C is based on information provided in Section 2.3 of the OU 1147 RFI Work Plan (LANL 1992, 07672, pp. 2-51 to 2-57) and is summarized in Appendix B of this IWP.

2.6 Historical Releases

Results of historical investigations indicate that contaminants have been released to environmental media as a direct consequence of disposal activities. Between 1976 and 1983, analysis of soil and vegetation samples from MDA C "confirmed the presence of pCi/g levels of radionuclides in localized areas" (Section 2.3.2.2.1, LANL 1992, 07672). Wastes in some pits (especially in Pit 5 on the north side of MDA C) were exposed at the ground surface as a result of natural degradation or erosion of the shallow soil covers. Additionally, anecdotal information related in the OU 1147 Work Plan states, "chemical wastes were responsible for many fires at Areas B and C." It is possible that fires served as a vehicle of contaminant transport from open pits and/or shafts to the surrounding surface soil.

In 1984, additional crushed tuff was placed over contaminated soil on the surface of MDA C. Historical documents report that approximately 1.5 ft of crushed tuff, followed by between 0.5 to 3 ft of topsoil, was placed over existing cover material (LANL 1992, 07672). The 2001 geophysical survey of MDA C (Appendix B) indicates that the existing cover thickness across the site ranges from a minimum of 0.0 ft to 8.8 ft with a mean value of 3.4 ft (Figure 4). The only portion of MDA C where additional cover was not placed was the northeast corner of the site where no pits or shafts are located. The isotopic plutonium and americium-241 concentrations detected in surface soils in the northeast portion of the site measured during Phase I RFI resulted in part from windborne deposition of contamination released during waste disposal activities or from deposition of historical stack emissions from operations at TA-50.

2.7 Summary of Historical Investigations

2.7.1 Pre-RFI Field Investigations

Sampling and analysis activities to ascertain the presence and scale of potential environmental contamination at MDA C began following the decommissioning of the facility in 1974. Radiation surveys of site soils and vegetation using field instrumentation were conducted from 1976 through 1984 (LANL 1992, 07672, p. 2-57). Following the placement of crushed tuff and cover material over MDA C in 1984, additional field surveys were conducted and supplemented with off-site contract laboratory analyses of radionuclides in soils and vegetation (LANL 1992, 07672, p. 2-59) in 1985 and 1986. These investigations and the associated findings are described in the HIR (Section B-1 of Appendix B) and in the approved RFI work plan for OU 1147 (LANL 1992, 07672).

2.7.2 Phase I RFI Field Investigations

Phase I RFI activities included sampling of surface soil, subsurface tuff, and pore gas. Surface sampling activities conducted in 1993 included a radiation survey conducted on a 60- by 60-ft grid and collection of 203 0–6-in. surface samples of soil or tuff. All surface samples were field-screened for radioactivity. Sixty-eight surface samples were analyzed at an off-site contract laboratory for target analyte list (TAL) metals, radionuclides, and semivolatile organic compounds (SVOCs). Another 59 samples were analyzed for polychlorinated biphenyls (PCBs) and pesticides. Nine surface samples were analyzed for VOCs. Phase I surface RFI results are reviewed in Section 2.7.3 of the IWP and are presented in detail in Appendix B.

A total of 67 subsurface samples were collected in 1995 from two vertical and nine angled boreholes drilled to depths ranging from 77 to 316 ft below ground surface (bgs). The subsurface samples were field-screened at 5-ft intervals for radioactivity and VOCs, and samples were collected at 20-ft intervals and submitted for off-site contract laboratory analysis for TAL metals and cyanide, radionuclides, and SVOCs. With the exception of samples from boreholes 50-09100 and 50-09102, 24 subsurface samples were also analyzed for VOCs and PCBs/pesticides. In 1996, 15 additional samples were collected from

curated borehole cores, in response to a request from EPA (Neleigh 1995, 55112). These samples were submitted to an off-site contract laboratory for analysis of inorganic chemicals (excluding cyanide and mercury since the holding times had lapsed) and radionuclides (except tritium). However, based on the core collection dates and the actual dates the samples were analyzed, more than half of the curated core samples missed the 180-day holding time for inorganic chemicals. The inorganic chemical data from these samples is provided only for the purpose of comparison. Because the holding times for PCBs, VOCs, SVOCs, and tritium had been exceeded, curated cores were not analyzed for these analytes. Phase I RFI subsurface results are reviewed in Section 2.7.3 and presented in detail in Appendix B.

Terrain conductivity (EM31), high-sensitivity metal detector (EM61), and GPR data were gathered during two geophysical surveys at MDA C conducted in 2001 and 2002 (Appendix B, Section B.3.1.3) to delineate the location of existing disposal pits and shafts and to map the thickness of cover materials across the site. Disposal pit locations were confirmed and cover thickness over the site was determined.

Ten of the 11 boreholes were backfilled and abandoned after the 1995 fieldwork. One vertical borehole (50-09100) was capped after the 1995 fieldwork and subsequently completed in 2000 as a vapor monitoring well with ten sampling ports. A second vertical borehole (50-10131) was drilled as a vapor monitoring well in 2001. Pore-gas samples of VOCs were collected quarterly from selected ports in these boreholes in 2000, 2001, 2002, and 2003. Surface-flux measurements of VOCs were conducted in 2000 at 101 locations. Near-surface tritium soil gas concentrations were measured at 15 locations at MDA C in February 2003. Phase I RFI pore-gas and surface-flux results are reviewed in Section 2.7.3 and in Appendix B.

In January 2003, mounds and burrows were field-screened for radionuclides (gross alpha and gross beta) to select sample locations. Samples of conifer needles (16) and soil from small-mammal burrow spoils and ant mounds (29) were collected in February 2003 and submitted for analysis of gross alpha, beta and gamma radiation. The purpose of this sampling was to determine if plants or animals are transporting contaminants from buried wastes to the ground surface. Results of the February 2003 biota sampling were not received in time to include in this IWP and will be presented in the MDA C Investigation Report.

2.7.3 Phase I RFI Results

Conclusions regarding the nature and extent of contamination at MDA C that can be drawn from the results of Phase I RFI activities are as follows.

1. Releases of radionuclides to historical surface soils were largely covered with crushed tuff in 1984. The extent of surface contamination has been defined.
2. Elevated concentrations of americium-241 and isotopic plutonium in surface soils in the northeast area of MDA C are likely related to releases from MDA C prior to the placement of crushed tuff on the surface of the site in 1984. The extent of surface contamination has been defined.
3. Concentrations of specific metals (including barium, copper, and lead) and radionuclides (strontium-90 and americium-241) in tuff beneath Pit 6 indicate that contamination has migrated from Pit 6 into underlying rock. The extent of surface contamination has not been defined.
4. Tritium and VOC contamination (primarily trichloroethylene [TCE], tetrachloroethene [PCE], and 1,1,1-trichloroethane [TCA]) exists in subsurface pore gas; however, the vertical and horizontal extent of this contamination has not been defined.
5. Surface flux of VOCs and near-surface tritium soil-gas concentrations indicate localized areas where releases to the atmosphere are occurring.

A detailed review of the Phase I RFI data is presented in Section B-3 of Appendix B. Phase I RFI data are presented in Appendix E (CD on inside back cover).

3.0 SITE CONDITIONS

This section discusses aspects of the environmental setting at MDA C that are important in assessing the potential impacts posed by contaminated surface and subsurface media, including

- semiarid climate with low precipitation and a high evapotranspiration rate, which limits the amount of moisture percolating into the disposal units and thus limits the amount of moisture available to leach radionuclides or hazardous waste constituents;
- thick, relatively dry unsaturated zone, which greatly restricts or prevents downward migration of contaminants in the liquid phase through the vadose zone to the regional aquifer; and
- canyon-mesa terrain, which affects atmospheric conditions and ecological habitats.

3.1 Surface Conditions

MDA C is located on Mesita del Buey, a 140- to 220-ft-high, finger-shaped mesa that trends southeast (Figure 5). The elevation of Mesita del Buey ranges from 7210 to 7280 ft. The topography at MDA C slopes gently from west to northeast, gradually getting steeper across the northeastern quadrant of the site toward Ten Site Canyon. At MDA C, Mesita del Buey is approximately 2000 ft wide and is bounded by Mortandad Canyon (800 ft to the north) and Two Mile Canyon (750 ft to the south).

The surface vegetation at MDA C consists of a native grama grass mixture (Hakonson 1987, 8911). The vegetation was initially established after the 1984 addition of fill and topsoil. This cover material was installed over the tops of the pits and shafts used for disposal at MDA C.

Localized surface subsidence on the north boundary of Pit 6 was observed in 2002. The subsidence may have promoted infiltration of storm water into Pit 6 since it resulted in a hole along an asphalt drainage that carries runoff into Ten Site Canyon. The subsidence has since been mitigated. The erosion matrix score (Appendix G) for the site was calculated after subsidence mitigation.

3.1.1 Soils

Soils of Mesita del Buey are derived from the weathering of the Tshirege Member tuffs (phenocrysts and phenocryst fragments, devitrified glass, and minor lithic fragments) and from wind-blown sources. Soils on the flanks of the mesa are developed on Tshirege Member tuffs and colluvium with additions from wind-blown and water-transported sources. Native soils have been disturbed by waste management operations over much of the surface of Mesita del Buey, but when present native soils are generally thickest near the center of the mesa and thinner toward the edges.

In general, soils can be considered thin and poorly developed on the mesa surface; they tend to be sandy in texture near the surface and more clay-like beneath the surface. More highly developed soil profiles exist on the north-facing slopes; they tend to be richer in organic matter. Soil profiles on the south-facing slopes tend to be poorly developed. Soil-forming processes have been identified along fractures in the upper part of the mesa, and the translocation of clay minerals from surface soils into fractures has been described at Mesita del Buey (Reneau and Vaniman 1998, 63135). A discussion of the soils in the Los Alamos area can be found in Section 2.5.1.3 of the ER Project installation work plan (LANL 1998, 62060).

The original soils in the vicinity of MDA C were poorly developed, as is typical of soils derived from Bandelier Tuff and formed under semiarid climate conditions (Nyhan et al. 1978, 5702). In general, undisturbed soils on the mesa tops are comprised of the Carjo loam, the Hackroy loam, and the Seaby loam (Nyhan et al. 1978, 5702). At MDA C, natural or undisturbed surface soil cover is limited as a result of disposal unit and cover construction. The present-day surface of MDA C is predominantly fill (crushed tuff) and imported topsoil.

Canyon bottoms near MDA C (Cañada del Buey, Two Mile Canyon, Pajarito Canyon, Mortandad Canyon, and Ten Site Canyon) are covered with colluvium and alluvium that has eroded from the tuff and soils on the mesa top and canyon walls. The canyon rims and slopes are composed of soils from the Hackroy-Rock outcrop complex; canyon bottoms are composed of the Tocal, a very fine, sandy loam. Since disposal activities began at MDA C, Ten Site Canyon has experienced a period of accretion, and eroded soils from MDA C, as well as other SWMUs at TA-50, have been deposited on the canyon bottom and stream banks (Nyhan et al. 1978, 5702). The canyons are being investigated under separate canyon work plans.

3.1.2 Surface Water

There are no streams on Mesita del Buey; water flows only as storm water and snowmelt runoff on the mesa and in small drainages off the mesa to the northwest and the south. Runoff consists primarily of sheet flow from MDA C into Ten Site Canyon (Figure 5). Sheet erosion appears to be occurring around the east and northeast portions of the site. The RLWTF at TA-50 (SWMU 50-016) discharges treated effluent to NPDES-permitted outfall 051 in Mortandad Canyon [SWMU 50-006(d)] (Figure 5). At the Laboratory, surface water runoff and sediment transport are among the potential migration pathways by which contaminants might be transported to off-site receptors. Surface water may also access subsurface contaminants exposed by soil erosion. Soil erosion is dependent on several factors, including soil properties, the amount of vegetative cover, the slope of the contaminated area, exposure, the intensity and frequency of precipitation, and seismic activity.

The Laboratory's RRES-RS conducted a surface water assessment at MDA C in 2002 following the mitigation of the surface subsidence, which occurred along the northern boundary of MDA C in 2002. MDA C received a score of 8.8, indicating low erosion potential. The calculated erosion matrix score includes 8.8 for site setting, an erosion matrix runoff score of 0.0, and a run-on score of 0.0 (Appendix G).

3.2 Subsurface Conditions

3.2.1 Stratigraphy

RRES-RS drilled, cored, and sampled eleven boreholes at MDA C during the Phase I RFI to characterize potential contaminant releases and transport in the subsurface. Borehole logs from the site provide detail on the stratigraphy below the ground surface to a depth of approximately 316 ft (borehole 50-09100) and are included in Appendix C. The locations and depths of regional boreholes used to infer the stratigraphy beneath MDA C are shown in Figures 3 and 6. Figure 6 also shows east-west cross-sections beneath and in the vicinity of MDA C. The stratigraphy beneath MDA C includes Bandelier Tuff, Cerros del Rio lavas, Puye Formation, Totavi Lentil Deposits, Santa Fe Group, and Santa Fe age basalts (Figures 6 and 7). Descriptions of stratigraphic units beneath MDA C are included in Appendix I.

3.2.2 Hydrology

The proposed hydrogeologic conceptual model for the Pajarito Plateau (LANL 1998, 59599) is presented in Figure 8. The model predicts infiltration of water into the subsurface and subsequent transport of water,

vapor, and solutes through the upper regions of the vadose zone are heavily influenced by surface conditions such as topography, surface water flow, and microclimate. According to model predictions, movement through deeper layers, including the regional aquifer, is influenced only weakly by surface conditions and is influenced more by hydraulic characteristics of aquifer rocks, regional groundwater flow patterns, and stresses induced by water supply production. The following sections provide an overview of infiltration rates, stratigraphy, and groundwater in the vicinity of MDA C.

3.2.2.1 Infiltration

Surface and near-surface conditions (topography, precipitation, surface runoff) control the infiltration of water into the subsurface and the transport of contaminants in the shallow subsurface. In this respect, the climate behavior of mesas and canyons forming the plateau differ from one another (LANL 1998, 59599). Mesas are generally dry, both on the surface and within the rock that forms the mesa. Canyons range from wet to relatively dry; the wettest canyons contain continuous streams and perennial groundwater in the canyon-bottom alluvium. Dry canyons have only occasional stream flow and may lack alluvial groundwater.

The amount of mesa top recharge along the western portion of the Laboratory where MDA C is located is uncertain. Higher rainfall, increased vegetative cover, and increased welding and jointing of the tuff might lead to different recharge rates than those observed in better-studied portions of the Laboratory such as TA-54 (LANL 1997, 63131). Mesa top recharge can be locally significant under disturbed surface conditions. Such local differences occur when the soil is disturbed, when the vegetation is removed, or when more water is artificially added to the hydrologic system by features such as blacktop, lagoons, or effluent disposal. Fractures within mesas do not enhance the movement of dissolved contaminants unless saturated conditions develop. Contaminants in the vapor phase generally migrate in a diffusive manner through mesas (Stauffer et al. 2002, 69794; LANL 1997, 63131).

Mesita del Buey is one of the drier mesas found at the Laboratory on the Pajarito Plateau. Infiltration into the mesa appears to be very low, possibly only 0.04 in/yr (1 mm/yr) (LANL 1997, 63131) and occurs during snowmelts or intense summer thunderstorms, which lead to slightly higher moisture contents within the uppermost few meters of the mesa surface. During dry periods, evapotranspiration removes moisture from the surface of the mesa; permeable zones such as fractures and surge beds act as conduits for air and aid in the drying of the mesa (Turin and Rosenberg 1996, 63559).

3.2.3 Groundwater

Groundwater beneath the Laboratory occurs in the regional aquifer (at depths ranging from 1200 to 600 ft bgs) and in perched aquifers (Nylander et al. 2003, 76059). Except under TA-16, perched aquifers have been detected only in wells beneath relatively wet canyons (i.e., Los Alamos Canyon). They exist as two types: (1) shallow alluvial aquifers that occur in some wet canyons (generally at depths less than 100 ft), and (2) deeper “intermediate” perched aquifers that occur in zones separated from both alluvial and regional aquifers by unsaturated rock. To date, data obtained indicate that dry mesas such as Mesita del Buey show no evidence of perched aquifers (Nylander et al. 2003, 76059). However, alluvial and intermediate perched aquifers in adjacent canyons may cause increased moisture contents within the vadose zone at the margins of the mesa.

3.2.3.1 Perched Intermediate Waters

Observations of perched intermediate water are rare on the Pajarito Plateau. Perched waters are thought to form mainly at horizons where medium properties change dramatically, such as at paleosol horizons

containing clay or caliche. It is not known whether perched water bodies are isolated or connected and to what degree they may influence travel times and pathways for contaminants in the vadose zone. Although perched intermediate waters have been observed in some locations elsewhere on the plateau, none have been observed in the regional wells (R-22, R-21, R-20, and R-16) or in R-14, the well closest to MDA C ([Figure 5] LANL 1998, 59599).

Perched intermediate groundwater was not encountered nor is suspected beneath Mesita del Buey at MDA C (LANL 1998, 59599). No perched water was observed in 316 ft of drilling (to an elevation of 6917 ft) in the deepest borehole drilled to date (borehole 50-09100, Appendix B). No perched water was observed in 700 ft of drilling (to an elevation of 6614 ft) in the nearby borehole SHB-1 or in borehole R-14 (Figure 5).

Perched intermediate zones of saturation have been delineated beneath Mortandad Canyon. At borehole MCOBT-4.4, a perched zone was identified in the Puye Formation above Cerros del Rio basalts (Figure 6). The spatial location of perched zones (disconnected, associated with different units) potentially indicates a lack of a continuous perched zone beneath the canyon. However, geochemical data indicate that continuity must have existed at some time in the past and might persist in Mortandad Canyon at present (Longmire 2003, 76050). In addition, when regional aquifer Test Well (TW)-8 was drilled in 1960, the units between the alluvium and the regional aquifer were unsaturated, although possible perching zones were encountered during borehole advancement (Baltz et al. 1963, 8402).

3.2.3.2 Regional Aquifer

The regional aquifer of the Pajarito Plateau is the only aquifer capable of large-scale municipal water supply (Purtymun 1984, 6513). The regional aquifer extends throughout the Española Basin (an area roughly 6000 km^2) and reaches its maximum thickness beneath the Pajarito Plateau (over 9800 ft [3000 m] thick; Cordell 1979, 76049).

Depths to the regional aquifer range between about 1200 ft (366 m) along the western edge of the plateau (1296 ft bgs at R-25, 950 ft at R-19) and about 600 ft (183 m) to the east. Beneath MDA C, the water table elevation is approximately 5884 ft (at R-14) or approximately 1300 ft bgs. Figure 9 depicts water table elevations across the Pajarito Plateau, i.e., a cross-section of hydraulic head data (water table elevations) collected in the regional aquifer.

Spatial variations in water table gradients are caused by a combination of aquifer heterogeneity and the influence of pumping. The horizontal component of the background hydraulic gradient beneath MDA C is approximately 0.02, although gradients locally are steeper (0.03) from pumping at Pajarito Mesa (PM)-5. At this time, information about the hydrogeological conditions in the vicinity of PM-5 is insufficient to conclusively predict the impact of PM-5 pumping in the deep units on the hydraulic heads and gradients in the shallow aquifer units (Puye Formation and Totavi Lentil). Pore-water velocity is predicted to be approximately 40 ft/yr (12 m/yr) according to a calculation of Darcy's Law that estimates groundwater velocity in the regional aquifer. This velocity assumes hydraulic conductivity of 0.7 ft/day ([0.2 m/day], see Table 5, Purtymun 1995, 15344) and a gradient of 0.03 and a porosity typical of sedimentary rocks (0.2, Freeze and Cherry 1979, 64057). At this velocity, travel time in the regional aquifer between MDA C and PM-5 or R-14 would be approximately 100 yr.

Estimates of groundwater transport velocity will be evaluated more accurately using the existing aquifer model (Nylander et al. 2003, 76059), which takes into account the three-dimensionality of the groundwater flow paths, spatial distribution of recharge along the canyons, time-variation of PM-5 pumping rates, medium heterogeneity, etc. Such small-scale model analysis for PM-5 has not been

performed to date; however, a small-scale model analysis for PM-5 and R-14 will be run as part of the future MDA C CMS.

3.2.2.3 Vadose Zone

The region beneath the ground surface and above the regional aquifer is called the vadose (unsaturated) zone. This discussion focuses on the vadose zone beneath the mesa at MDA C. The source of moisture in the vadose zone is precipitation, most of which is removed as runoff, evaporation, and transpiration (LANL 1997, 63131). The subsurface movement of the remaining moisture (often referred to as recharge) is predominantly vertical in direction and is influenced by properties and conditions of the vadose zone. Characteristics of infiltration in the vadose zone are described in Section 3.2.2.1.

Two geologic properties of the Bandelier Tuff that significantly influence the fluid flow in the unsaturated zone are the degree of welding and devitrification, both effects of prolonged presence of residual gases and high temperatures when the rock was deposited. Because different tuff units were deposited at different temperatures and because individual units were laid out in variable thicknesses over different landscapes, cooling was not uniform. Consequently, welding varies spatially, both between and within separate depositional layers. Welded tuffs tend to be more fractured than nonwelded tuffs.

Several competing effects determine moisture content and fluid flux in welded, devitrified tuff. While water moves slowly through the unsaturated tuff matrix, it can move relatively rapidly through fractures if nearly saturated conditions exist (LANL 1997, 63131). The saturation levels measured at MDA C are relatively low (1%–8% gravimetric moisture content) (Appendix E). At these saturation levels, most of the fractures beneath the site are expected to be completely dry, and the water will exist in the tuff matrix only. Only in situations when substantial infiltration occurs from the ground surface will the fractures become wet and conduct water. However, modeling studies predict that when fractures disappear at contacts between stratigraphic subunits, when fracture fills are encountered, or when coatings are interrupted, fracture moisture is absorbed into the tuff matrix (Soll and Birdsell 1998, 70011).

4.0 SCOPE OF ACTIVITIES

Phase I RFI data for MDA C, evaluated in Section B-4 of Appendix B, identified several data gaps to be addressed to establish the nature and extent of environmental contamination that will be used to evaluate risks to human and ecological receptors. Data interpretation and the associated data gaps are summarized in Section 4.1.

4.1 Data Gaps

Seven data gaps were identified based on evaluation of the Phase I RFI data presented in Appendix B and supporting statistical evaluation in Appendix D. The rationale supporting the identification of these data gaps is described in Sections 4.1.1 through 4.1.7 and includes

1. extent of metal and radionuclide contamination in tuff beneath Pit 6;
2. concentrations and spatial extent of VOCs in the vapor phase in subsurface tuff;
3. concentrations and spatial extent of tritium in the vapor phase in subsurface tuff;
4. nature and extent of releases of metals, cyanide, and radionuclides to tuff beneath Pits 1–5, Shaft Groups 1 and 2, and the strontium-90 disposal shaft;
5. extent of perchlorate, nitrate, dioxin, and furan contamination in tuff beneath MDA C;

6. potential presence of perched groundwater beneath MDA C; and
7. information on hydrogeologic properties and fracture characteristics of the vadose zone to support contaminant transport modeling in the vadose zone for the future MDA C CMS.

4.1.1 Extent of Metals and Radionuclide Contamination in Tuff Beneath Pit 6

Subsurface Phase I RFI data indicate that a release of metals, cyanide, and radionuclides has occurred beneath Pit 6. This conclusion is supported by the finding of several metals at concentrations that exceed background values (BVs) in one or more samples beneath Pit 6 but not at other locations at MDA C. Detected concentrations of americium-241 and other radionuclides also occur at depth beneath Pit 6 more frequently than at other locations at MDA C.

Among the metals detected above background in tuff samples at MDA C, aluminum, beryllium, calcium, chromium, cobalt, magnesium, and nickel were detected above a BV in only one sample. Other metals (antimony, arsenic, barium, copper, cyanide, lead, selenium, and thallium) were detected in two or more samples above their BVs (Figures D-10 through D-17, Appendix D). Of these, cyanide and lead were detected above BVs with the greatest frequency. With the exception of beryllium, the seven metals detected above BVs in only one sample were all detected in the same sample (sample 0550-96-0112). This sample was collected at a depth of 66 ft in borehole 50-09109 beneath Pit 6. Concentrations of barium, copper, lead, selenium, and thallium were also elevated above BVs in this sample. Of the metals detected above BVs in two or more samples, the highest concentrations of antimony, copper, and thallium were detected in borehole 50-09109 beneath Pit 6.

Americium-241 was detected at depth below Pit 6 in boreholes 50-09101 (112 ft bgs) and 50-09107 (75, 95, and 108 ft). Additional radionuclides detected at depth below Pit 6 include strontium-90 and plutonium-238 at 95 ft in borehole 50-09108, uranium-235 at 66 ft in borehole 50-09109, and strontium-90 at 18 ft and sodium-22 at 113 ft in borehole 50-09109 (Figure 10). Although these radionuclides were detected in tuff at other locations at MDA C, maximum detected concentrations of radionuclides beneath Pit 6 were at or near the bottom interval of the boreholes. Americium-241 was detected in three consecutive sampling intervals in borehole 50-09107, with the highest concentration detected in the bottom-most interval of the borehole. More detailed information on chemical and radionuclide concentrations beneath Pit 6, and borehole plots of metals and radionuclide concentrations in tuff, are provided in Appendices B and D, respectively.

A summary of metals and radionuclide concentrations detected above background in tuff samples beneath Pit 6 or detected concentrations where no background concentrations exist is provided in Table 2. These data indicate that the extent of metal and radionuclide contamination has not been defined beneath Pit 6.

4.1.2 Concentrations and Spatial Extent of VOCs in the Vapor Phase in Subsurface Tuff

Pore-gas data for VOCs are available from two monitoring wells at MDA C. Borehole 50-09100, located directly north of Pit 5 (Figure 10), is equipped with ten sampling ports ranging in depth from 20 to 316 ft bgs. Borehole 50-10131 is also equipped with ten sampling ports ranging in depth from 25 to 250 ft bgs. As discussed in Section B-3.2.3 of Appendix B, concentrations of several VOCs (particularly TCE, PCE, and TCA) have been detected in pore-gas samples collected in these boreholes. The monitoring wells were sampled from 2000 through 2002; however, not all ports were sampled at any one time. In January 2003, all ports in both boreholes were sampled simultaneously to assess the potential influence of temporal variability on VOC concentrations measured between 2000 and 2002.

Concentrations of VOCs measured in 2003 were consistent with concentrations measured at different times between 2000 through 2002, indicating that temporal variability in VOC concentrations within the two boreholes is minimal. Data evaluation has focused primarily on TCE and PCE rather than TCA, because TCA has been measured at consistently lower concentrations. Across all VOC pore-gas results from 2000 through 2003 in borehole 50-09100, TCE concentrations generally increase with depth (from 1 to 6 ppmv) to approximately 200 ft. From 200 to 316 ft, TCE concentrations are approximately 10.0 ± 3.0 ppmv. Across all VOC pore-gas results from 2000 through 2003 in borehole 50-10131, TCE concentrations are basically constant at 2.0 ppmv across all depths with occasional values down to 1.0 ppmv. Plots of TCE concentrations with depth are provided in Figures D-26 and D-29 in Appendix D.

Concentrations of PCE in borehole 50-09100 (from 0.1 to 0.4 ppmv) are considerably lower than TCE concentrations. However, as with TCE, PCE was detected at slightly higher concentrations below 200 ft depth. In borehole 50-10131, PCE concentrations were highest at depths above 100 ft bgs (approximately 1.5 ppmv) and decreased to less than 1.0 ppmv at depths greater than 100 ft bgs. Plots of PCE concentrations with depth are provided in Figures D-25 and D-28 in Appendix D.

Surface-flux data for VOCs (Figure D-27) indicate potential subsurface VOC contamination extends beyond the boundaries of the two existing monitoring boreholes. In 2000, a relatively large PCE flux was measured on the south boundary of Pit 5, and a lower PCE flux was measured in several samples in the western region of Pits 1 through 4. No VOC pore-gas data has been collected from these areas.

4.1.3 Concentrations and Spatial Extent of Tritium in the Vapor Phase in Subsurface Tuff

As reported in the HIR in Appendix B, Phase I RFI tritium tuff data indicate tritium is present at many locations in the subsurface at MDA C, with the highest concentrations measured beneath Pits 4, 5, and 6. The highest concentration of tritium in tuff was in borehole 50-09107 (approximately 650,000 pCi/mL), in a tuff sample collected at a depth of 57–59 ft below Pit 6. Tritium was also detected at concentrations above 1000 pCi/mL in boreholes 50-09108, 50-09109, and 50-09110 beneath or adjacent to Pit 6, in borehole 50-09106 near the shafts at the west end of Pit 4, and in borehole 50-09102 beneath the east end of Pit 5 (Figure 10). Borehole profiles of tritium tuff concentrations at MDA C are provided in Figure D-18 of Appendix D.

Pore-moisture levels measured in tuff at MDA C ranged from approximately 1% to 8% in the 1995 Phase I RFI core samples. Tritium core is measured by EPA method 906.0, which is performed on the water extracted from the core sample. At gravimetric moisture contents of less than 10%, a 3 in. length of 2-in.-diameter core will yield less water than the minimum required volume of 5 mL To reach the necessary volume, de-ionized water is added by the analytical laboratory to the extracted water. The reported activity and uncertainty are corrected for the dilution. Therefore, the loss of any moisture from a core sample prior to analysis, when the moisture content is low, may substantially increase the uncertainty of the measurement. Moreover, the method requires the core material to be ground to a fine mesh before the water is extracted, such that moisture loss is inevitable. Given these concerns, RRES-RS concluded that tritium contamination is best characterized in low moisture content environments using sorbent materials to extract and retain in situ subsurface water samples.

In February 2003, near-surface pore-gas tritium concentrations were measured at 15 locations over the surface of MDA C at a depth of 2.5 ft bgs (Figure B-4). Tritium pore-gas concentrations ranged from a maximum of 2500 pCi/mL to a minimum of 9.0 pCi/mL. The pore-gas samples with the highest tritium concentrations (50-21472 and 50-21467) were not located above subsurface disposal units (see Figure D-32). The discrepancy between the locations of high pore-gas tritium concentrations and high

concentrations of tritium in tuff indicates that the spatial distribution of tritium in the vapor phase in the vadose zone at MDA C is not well defined.

4.1.4 Nature and Extent of Potential Releases of Metals and Radionuclides to Tuff Beneath Pits 1–5, Shaft Groups 1 and 2, and the Strontium-90 Disposal Shaft

No existing tuff samples have been collected from beneath Shaft Groups 1 and 2, Pit 1, and the strontium-90 disposal shaft. The number of tuff samples collected beneath Pits 2 through 5 is also limited. Therefore, existing Phase I RFI data are inadequate to evaluate the nature and extent of metals, cyanide, and radionuclides beneath these disposal units.

4.1.5 Extent of Perchlorate, Nitrate, Dioxin, and Furan Contamination in Tuff at MDA C

None of the tuff samples collected from MDA C during the Phase I RFI were analyzed for perchlorate, nitrates, furans, and dioxins. Nitrates and perchlorate are very soluble and, therefore, susceptible to migration with infiltrating surface water. Nitrates are associated with fertilizers and are a common breakdown product of most nitrogen-containing organic materials. Perchlorate-containing chemicals have been widely used as oxidizers in a variety of chemical processes, and perchloric acid is a common strong acid used in laboratories. Hence, from the perspective of potential occurrence in disposed waste at MDA C and mobility of contaminants, analysis of nitrates and perchlorate in tuff samples is appropriate.

Historic reports (Rogers 1977, 0216) indicate that it was common practice for chemicals to be burned in the chemical disposal pit at MDA C. Since such burning potentially could have formed dioxins and furans, analysis of these two chemicals is considered appropriate for tuff samples collected from the new angled borehole proposed to be advanced beneath the Chemical Pit.

4.1.6 Potential Presence of Perched Groundwater Beneath MDA C

There is no site-specific information on intermediate-depth groundwater to determine whether perched groundwater exists beneath MDA C. The deepest borehole at MDA C is currently 50-09100, which extends to a depth of approximately 316 ft bgs. The nearest well completed in the regional aquifer, R-14, is approximately one-half mile east of MDA C (Figure 3). Another test well, SHB-1, is located at TA-48 approximately one-half mile northwest of MDA C (Figure 3) and extends to a depth of approximately 700 ft. No evidence of a zone of saturation (*i.e.*, perched groundwater) has been encountered at either SHB-1 or R-14. However, perched groundwater may be highly localized, and the possible existence of groundwater beneath MDA C at depths below 316 ft has not been evaluated.

4.1.7 Hydrogeologic Properties and Fracture Characteristics of the Vadose Zone at MDA C

Information relating to hydrogeologic properties and fracture characteristics is necessary for evaluating the potential transport of contaminants in the vadose zone tuff beneath MDA C during the CMS. The Bandelier Tuff is comprised of several units with differing hydrogeologic properties and different fracture characteristics. Fractures in the tuff are evident only in the Tshirege Member, comprised of units 3, 2, and 1, as described in Appendix I. Within these units, information relating to whether contamination is primarily associated with fractures or the tuff matrix is necessary for evaluating the potential extent of past or future liquid-and vapor-phase transport in the tuff. Additional information pertaining to the fractures will be useful for supporting transport modeling in the tuff, including fracture density, fracture orientation and angle, fracture aperture, and fracture coatings or fill. Information on hydrogeologic properties of the vadose zone, including parameters such as saturated and unsaturated hydraulic conductivity, chloride ion

concentration, porosity, bulk density, matrix potential, and moisture content, is also critical for modeling the potential transport of contaminants from the disposal units via liquid- or vapor-phase migration.

4.2 Proposed Sampling and Analysis Activities to Address Data Gaps

Acquisition of data to address the seven data gaps described in Section 4.1 involves drilling and sampling activities in the vadose zone beneath MDA C. The key components of the drilling and sampling program are the location, depth, and angle of boreholes, sample collection methods and frequency, and analytical suites. The proposed drilling and sampling program makes use of information obtained from existing boreholes, surface VOC flux, and shallow-soil tritium probes. Selection of borehole locations will, wherever possible, support the resolution of multiple questions regarding the nature and extent of contamination in the subsurface of MDA C.

The technical approach and rationale for the drilling and sampling activities to address the seven data gaps described in Section 4.1 are discussed below. A summary of these drilling and sampling activities is provided in Figure 11 and Table 3. The locations of the proposed boreholes in relation to the disposal units at MDA C and the existing boreholes are shown in Figure 11. Figures 12 through 24 illustrate profiles of the 13 proposed characterization boreholes with planned sample locations.

4.2.1 Sampling and Analysis Activities to Address Data Gap 1

Two angled boreholes (boreholes A and B; Figures 12 and 13) will be advanced beneath Pit 6. Borehole A also will be advanced beneath the Chemical Pit. The boreholes will be advanced from the south side of Pit 6 with a northward strike. Drilling from the south side of Pit 6 is proposed because a review of “as-built” drawings for Pit 6 and the results of geophysical surveys indicate that its northern boundary is only 10 ft from the fence line. There are numerous subsurface utilities near the fence line and beneath the pavement at TA-50 across the fence, which would compromise the safety of drilling a borehole from the north side of Pit 6.

Boreholes A and B will be advanced at a 45-degree angle from a position 40 ft from the southern boundary of the Chemical Pit (borehole A) and Pit 6 (borehole B). This distance from the disposal units will afford a margin of safety to avoid drilling into the waste, as it is expected that the maximum depth of the disposal units is 25 to 30 ft bgs, and the boreholes should pass below the southern edge of the pits at a depth of 40 ft bgs.

Tuff samples will be collected approximately every 20 linear ft down the boreholes, but actual sampling will be biased toward the presence of fractures and/or the results of radiation field screening. Where fractures are encountered, paired samples of the fracture and the tuff matrix adjacent to the fracture will be obtained to evaluate whether potential contamination has migrated predominantly in fractures. This paired sampling is described in Section 4.2.7. The spacing of samples at 20-ft intervals will be adequate to investigate the presence of metals and radionuclides in tuff where fractures or elevated radiation levels are encountered. A minimum of nine tuff samples will be collected from the approximate 200-ft length of the boreholes. The first samples will be collected beneath the southern edge of the disposal units at a depth of approximately 40 ft bgs, and the final samples will be collected at total depth, approximately 140 ft bgs.

The location and strike of borehole A will allow for the collection of tuff samples in the vicinity of (and beneath) Phase I RFI boreholes 50-09109 and 50-09110, where previous tuff samples have indicated metals and radionuclide contamination. Additional tuff samples in this area will support an evaluation of the extent of contamination beneath the western end of Pit 6. Additionally, borehole logs from 50-09109

and 50-09110 describe the presence of fractures at several depths (Appendix C). The presence of both fractures and contamination in previous tuff samples makes this an ideal location for evaluating whether contamination in tuff is associated predominantly with fractures, the tuff matrix, or both.

Borehole B is situated for completion beneath the area of surface subsidence where water may have infiltrated Pit 6. Measurements of the moisture content in tuff in this borehole, and analytical data for contamination in tuff will support an evaluation of whether the subsidence of Pit 6 has resulted in the migration of contaminants.

Tuff samples collected from boreholes A and B will be submitted to an off-site contract laboratory for analysis of isotopic uranium, isotopic plutonium, americium-241, strontium-90, radionuclides by gamma spectroscopy (including cesium-134, cesium-137, cobalt-60, europium-152, ruthenium-106, and sodium-22), TAL metals and cyanide, nitrates, and perchlorate. In addition, tuff samples from borehole A collected beneath the Chemical Pit will be analyzed for dioxins and furans. Pore gas will be sampled for tritium and VOCs. The rationale for selecting these analytical suites is described in Section 4.2.5. Standard Operating Procedures (SOPs) for collecting tuff samples from angled boreholes are described in Section 5.

Required analytical detection limits for metals, cyanide, radionuclides, nitrates, perchlorate, dioxins, and furans are driven by the need to measure accurately concentrations below BVs, where these values are available. Detection limits for analytical methods specified by contract requirements of the Laboratory's Sample Management Office (SMO) are adequate for this purpose.

4.2.2 Sampling and Analysis Activities to Address Data Gap 2

To date, VOC pore-gas samples have been collected only from boreholes 50-09100 and 50-10131, although EMFLUX® VOC flux data (Figure D-27) indicate that VOCs in the vapor phase may be present in subsurface tuff at other locations at MDA C. The largest VOC flux in an area other than the Chemical Pit occurs on the south edge of Pit 5. Borehole D (Figures 11 and 15) is located such that it will be completed below Pit 5 in the area where the high VOC flux was measured previously. The location of borehole A also serves the purpose of evaluating VOC concentrations beneath the Chemical Pit (where EMFLUX® VOC flux was greatest) to supplement VOC data available from Borehole 50-10131.

Establishing the extent of VOCs in pore gas is one of the criteria for selecting the location of borehole M. The TCE and PCE data from borehole 50-09100 on the north side of Pit 5 indicate that the vertical extent of these VOCs in pore gas has not been determined. Borehole M is situated approximately 100 ft west of borehole 50-09100 (Figures 11 and 24). The rationale for siting these boreholes is discussed in Section 4.2.4.

Although the results of the 2000 EMFLUX® survey were used to establish the location of borehole D, surface flux may not always be an accurate indication of subsurface VOC concentrations. For example, TCE pore-gas concentrations are higher in borehole 50-09100 than in borehole 50-10131, although EMFLUX® measurements near 50-09100 showed negligible TCE flux. To establish the extent of VOC contamination in tuff, VOC pore-gas data will be collected immediately after drilling activities are completed for each new borehole at MDA C. For boreholes A through L, the first sample will be collected at a depth of approximately 40 to 50 ft bgs, corresponding to a depth of 10 to 30 ft beneath a disposal unit, depending upon the depth of the pit or shafts, where VOC concentrations associated with release from a disposal unit should be evident. The second VOC pore-gas sample will be collected from the bottom (total depth) of each borehole at 140 to 150 ft bgs to measure VOC concentrations at depth.

Five VOC pore-gas samples will be collected at borehole M immediately after drilling activities are completed to establish the VOC concentration profile with depth at this location. Three samples will be collected at 100, 200, and 300 ft bgs, a fourth sample will be collected at the depth where auger drilling is abandoned in favor of air-rotary drilling methods at an anticipated depth of 400 ft bgs, and a fifth sample will be collected at total depth of the borehole following extensive purging of borehole air. Previous experience in drilling boreholes has shown that auger drilling is of limited use in the geologically unstable materials below this approximate depth; thus, the remaining depth of the borehole will be drilled by air-rotary methods (see Section 5.2.1).

A second round of VOC pore-gas sampling at the same depths will be initiated approximately one month after drilling activities are completed. The purpose of the second round of sampling is to confirm the VOC pore-gas data findings for samples collected immediately after drilling activities are collected. It is possible that the initial VOC pore-gas measurements may be affected by drilling activities; therefore, VOC measurements collected after subsurface pore-gas conditions have stabilized may be more representative of actual conditions. The schedule for VOC pore-gas sampling is discussed in Section 7 of the IWP.

Samples of VOC pore gas will be collected in SUMMA passivated canisters for analysis at an off-site contract laboratory. Required analytical detection limits for VOCs specified by contract requirements of the Laboratory's SMO are adequate for this data gap.

All ten ports in boreholes 50-09100 and 50-10131 were sampled for VOCs in January 2003. The VOC concentrations measured in this sampling were consistent with results from sampling performed in 2000 through 2002, indicating minimal variability in VOC pore-gas concentrations over time. Therefore, no additional VOC sampling in these boreholes is proposed. Pore-gas data for VOCs from the first and second phase of VOC sampling in the new boreholes and existing VOC pore-gas data in boreholes 50-09100 and 50-10131 will be used to determine the extent of VOC pore-gas contamination and the need for additional boreholes instrumented for monitoring of VOCs in pore gas. These data will be used to define an interim vapor-monitoring plan for VOCs in the MDA C Investigation Report. Monitoring activities are discussed in Section 6 of the IWP.

4.2.3 Sampling and Analysis Activities to Address Data Gap 3

The highest near-surface tritium pore-gas measurement (2500 pCi/mL) was recorded in a near-surface tritium probe west of Pit 4 in 2003, and relatively high tritium pore-gas concentrations were also measured on the western ends of Pits 1–4 (Figure D-32). Borehole K, located west of Shaft Group 3, is sited to determine if tritium is being released from Shaft Group 3. To establish the extent of tritium vapor contamination in tuff, tritium pore-gas data will be collected immediately upon completion of drilling activities for each new borehole at MDA C. For boreholes A through J and L, two samples will be collected. The first sample will be collected at a depth of approximately 40 to 50 ft bgs. This corresponds to a depth of 10 to 30 ft beneath a disposal unit, depending on the depth of the pit or shafts, where tritium concentrations associated with release from a disposal unit should be evident. The second tritium pore-gas sample will be collected from the bottom 140 to 150 ft bgs (total depth) of each borehole to measure tritium concentrations at depth. For borehole K, five tritium samples will be collected every 30 ft bgs.

Five tritium pore-gas samples will be collected immediately drilling activities are completed at borehole M (the 800-ft vertical borehole) to establish the profile of tritium concentrations with depth at this location. A second round of tritium pore-gas samples will be collected approximately one month following the completion of drilling activities. Tritium pore-gas samples will be collected in silica gel samplers for

analysis by an off-site contract laboratory. Required analytical detection limits for tritium specified by contract requirements of the Laboratory's SMO are adequate for this data gap.

4.2.4 Sampling and Analysis Activities to Address Data Gap 4

In addition to the boreholes described in Sections 4.2.1–4.2.3 (boreholes A, B, D, and M), seven additional angled boreholes (C and E–J) and two additional vertical boreholes (K and L) will be advanced to establish the spatial extent of metals, cyanide, and radionuclide contamination in tuff beneath Pits 1–5, Shaft Groups 1 and 2, and the strontium-90 disposal shaft. The locations of these boreholes are determined by the need to investigate the nature and extent of contamination beneath these disposal units and to accommodate field constraints on the siting of boreholes. Two constraints are the limited space between Pits 2–4 and the position of Shaft Group 2 between Pits 1 and 3. The configuration of these disposal units creates safety concerns in attempting to locate a borehole between these disposal units. A second constraint is the location of the utilities corridor and Pajarito Road on the south side of Pit 1. Advancing an angled borehole from this area is impractical for the above reasons. Angled boreholes are preferred to vertical borings because borings that extend into the tuff beneath a disposal unit have a greater probability of encountering contamination that moves with liquid along a gravitational gradient.

The drilling and sampling of the angled boreholes will be similar to the plan described in the second, third, and fourth paragraphs of Section 4.2.1. Vertical borehole K will be drilled to a depth of 140 ft bgs adjacent to the north end of Shaft Group 3. Vertical borehole L will be drilled to a depth of 140 ft bgs as close to the southern edge of Pit 1 as can be achieved safely by field personnel. Tuff samples will be collected at least every 20 ft downhole for a minimum of seven samples from each borehole. Tuff samples will be biased toward the presence of fractures and/or the results of radiation field screening, as described in Section 4.2.1. Where fractures are encountered, paired samples of the fracture and the tuff matrix adjacent to the fracture will be obtained to evaluate whether potential contamination has migrated predominantly in fractures (see Section 4.2.7).

The rationale for the siting of each of the additional nine proposed new boreholes to address data gap 4 is discussed in the following paragraphs. The locations of the proposed boreholes in relation to the disposal units at MDA C and the existing boreholes are shown in Figure 11.

Borehole C: Tuff samples obtained from this angled borehole will provide information on the presence of contaminants beneath the western portion of Pit 5. No boreholes are presently located to provide information on potential releases in this area.

Borehole E: The angled borehole extending beneath Shaft Group 1 will provide information on the presence of contaminants beneath this disposal unit. No boreholes are presently located to provide information on potential releases in this area. The orientation of the borehole along the axis of the shafts will maximize the probability of encountering contamination associated with these shafts.

Borehole F: The angled borehole beneath the central areas of Pits 2 and 4 will provide information on the presence of contaminants beneath these disposal units. No boreholes are presently located to provide information on potential releases in this area.

Borehole G: The angled borehole extending beneath the northeast portions of Pits 2 and 4 will provide information on the contaminants beneath these disposal units. With the exception of some samples beneath Pit 2 from the base of borehole 50-09103, no boreholes are presently located to provide information on potential releases in this area. In the event that the floors of Pits 2 and 4 have a slope consistent with surface topography, these boreholes are on the "downgradient" side of the pits.

Borehole H: The angled borehole that extends beneath the strontium-90 shaft is intended primarily to establish whether a release of strontium-90 has occurred at this location. Strontium-90 is relatively water-soluble and thus is potentially mobilized with infiltrating water. The location of the borehole was sited to the northwest of the strontium-90 shaft to evaluate potential releases of contaminants beneath the southern portion of Shaft Group 3. Advancing an angled borehole from a position south of the strontium-90 shaft was not feasible because Pajarito Road and its associated utility corridor are located in this area.

Borehole I: The angled borehole extending beneath the eastern portions of Pits 1 and 3 was sited to provide information on the presence of contaminants beneath these disposal units. No boreholes are presently located to provide information on potential releases in this area. Angled boreholes cannot be advanced from the south at this location because Pajarito Road and utilities are located in this area.

Borehole J: The angled borehole extending beneath the eastern portion of Shaft Group 2 was sited to provide information on the presence of contaminants beneath this disposal unit. No boreholes are presently located to provide information on potential releases in this area. The location of Shaft Group 3 prohibits situating a borehole that extends beneath the western region of Shaft Group 2. Angled boreholes cannot be advanced from the area south of Shaft Group 2 because Pajarito Road and utilities are located in this area.

Borehole K: The vertical borehole located immediately west of the northern end of Shaft Group 3 was sited to determine whether tritium pore-gas concentrations (see Section 4.2.3) indicate a release of tritium near this location and to provide information on the presence of contaminants adjacent to these disposal units. No vertical boreholes are presently located to provide information on potential releases in the area. Borehole K will be drilled to a depth of 140 ft bgs.

Borehole L: Borehole L is a vertical borehole located to provide information on the presence of contaminants potentially released from Pit 1. Although an angled borehole extending beneath Pit 1 is preferable to evaluate potential releases of these contaminants from a disposal unit, angled boreholes can be advanced only from the east of Pit 1 because of the presence of other disposal units to the north and west of Pajarito Road and utilities to the south.

Tuff samples collected from boreholes C and E through L will be submitted to an off-site contract laboratory for analysis of isotopic uranium, isotopic plutonium, americium-241, strontium-90, radionuclides by gamma spectroscopy (including cesium-134, cesium-137, cobalt-60, europium-152, ruthenium-106, and sodium-22), TAL metals and cyanide, nitrates, and perchlorate. Pore-gas samples will be analyzed for tritium and VOCs. Required analytical detection limits for these analytes are discussed in Section 4.2.1. The rationale for selecting these analytical suites is described in Section 4.2.5. SOPs for collecting tuff samples from angled boreholes are described in Section 5.

4.2.5 Sampling and Analysis Activities to Address Data Gap 5

With the exception of VOCs, the only types of contaminants detected in Phase I RFI samples of subsurface tuff were metals, cyanide, and radionuclides. These samples were also analyzed for PCBs, pesticides, and SVOCs. PCBs and pesticides were not detected in any of the tuff samples, including those samples collected beneath Pit 6 that contained metals at concentrations above background. Among SVOCs, bis(2-ethylhexyl)phthalate was the only organic chemical detected. As described in Section B-3.2.2 of Appendix B, this SVOC was detected at low concentrations within the range of nondetect values (i.e., at estimated values near the analytical detection limit).

NMED has requested additional analytical suites for subsurface tuff samples because certain analytes were not identified in the Phase I RFI analytical suites. These suites include dioxins, furans, nitrates, and

perchlorate. The rationale for analyzing nitrates and perchlorate is presented in Section 4.15. PCBs and SVOCs, which were not detected in Phase I RFI tuff samples with the possible exception described above, are characterized by low solubilities in water. Generally, low solubility is also characteristic of dioxins and furans. Hence, the presence of these three classes of contaminants in subsurface tuff in appreciable quantities because of dissolution in water is highly unlikely. A review of waste inventory records (see Appendix B) also does not indicate the presence dioxins or furans in the disposed wastes. However, dioxin and furans can be generated by the combustion of organic material containing, or in the presence of, chlorine atoms. Therefore, tuff samples collected beneath the Chemical Pit will be analyzed for dioxins and furans because of the reported practice of burning chemicals disposed in the Chemical Pit (Rogers 1977, 0216). All tuff samples collected from boreholes A through L will be analyzed for nitrates and perchlorate.

4.2.6 Sampling and Analysis Activities to Address Data Gap 6

A single, vertical borehole (borehole M) will be drilled to a depth of approximately 800 ft in the area north of Pit 5 near the head of Ten Site Canyon (Figures 11 and 24) to determine whether perched groundwater is present below MDA C. The location of the vertical borehole adjacent to the head of Ten Site Canyon will provide the best chance of encountering perched groundwater in the vicinity of MDA C. The borehole is near a storm water runoff channel that is cut into the tuff north of MDA C and that directs storm water collected from parking areas and roadways serving TA-50 into Ten Site Canyon. Therefore, local infiltration rates should be much higher in this area than in other locations near MDA C.

4.2.7 Sampling and Analysis Activities to Address Data Gap 7

Borehole M provides an opportunity to collect geotechnical data to support transport modeling by characterizing site-specific hydrogeologic properties at MDA C. These properties include saturated and unsaturated hydraulic conductivity, chloride ion concentration, porosity, bulk density, matrix potential (i.e., suction), and moisture content. A detailed profile of moisture content will ensure an adequate data set for calibration of a neutron probe for moisture logging. Collecting a profile of matrix potential in combination with the moisture content will provide data on the likely direction of moisture movement in the subsurface. Estimates of saturated and unsaturated hydraulic conductivity also support modeling of liquid migration in the vadose zone. Tuff samples for chloride ion concentration support evaluation of the rates of water infiltration and evaporation.

Construction at TA-50 along the northern fence line of MDA C may provide an opportunity to conduct a fracture investigation on the face of an open cut in the tuff. Information that can be obtained from such an investigation includes fracture density, the range of fracture apertures, the strike (direction) and dip (offset from horizontal) of fractures, and the presence and characteristics of fracture coating and fill. This information is useful for addressing the potential influence of fractures on subsurface transport of liquid- or vapor-phase contaminants.

Empirical evidence of the role of fractures in facilitating contaminant transport in tuff may be obtained by collecting paired samples of fracture material and tuff matrix when tuff fractures are encountered during drilling. Because fracture fill may not be present or may exist only in minute quantities, fracture samples should include tuff immediately proximal to the fracture. Samples of the tuff matrix should be of tuff considerably farther from the observed fracture.

4.3 Additional Sampling Activities

The presence of tritium in tuff pore-gas at 2.5 ft bgs indicates that releases of tritium to the atmosphere are likely. An air sampling station has been established by the Laboratory's RRES–Meteorology and Air Quality (MAQ) Group on the northern boundary of MDA C. The predominant wind direction at MDA C is from the southwest. For this reason, the ambient air station was located in the northeastern region of MDA C to capture emissions of tritium from the ground surface. Air sampling began on March 4, 2003, and will continue over a period of one year. Sampling is being conducted according to protocols established by MAQ for routine monitoring of tritium.

The Laboratory's MAQ Group collects composite samples every two weeks and submits them to an offsite contract laboratory for tritium analysis in accordance with SOP RRES-MAQ-204, R10, "Sampling of Ambient Airborne Tritium." The subsequent interpretation and analysis of these data will be performed by the RRES-MAQ Group in support of worker health and safety, following their protocols.

5.0 INVESTIGATION METHODS

The following RRES-RS standard operating procedures (SOPs) are applicable to the investigation methods proposed in this plan:

- ER-SOP-1.01, Rev. 1 *General Instructions for Field Investigations*
- ER-SOP-1.02, Rev. 1 *Sample Containers and Preservation*
- ER-SOP-1.03, Rev. 2 *Handling, Packaging, and Transporting Field Samples*
- ER-SOP-1.04, Rev. 4 *Sample Control and Field Documentation*
- ER-SOP-1.05, Rev. 0 *Field Quality Control Samples*
- ER-SOP-1.08, Rev. 1 *Field Documentation of Drilling and Sampling Equipment*
- ER-SOP-3.11, Rev. 1 *Geodetic Surveys*
- ER-SOP-5.07, Rev. 0 *Operation of LANL Owned Borehole Logging Trailer*
- ER-SOP-5.03, Rev. 2 *Monitoring Well and RFI Borehole Abandonment*
- ER-SOP-6.26, Rev. 1 *Core Barrel Sampling for Subsurface Earth Materials*
- ER-SOP-6.31, Rev. 1 *Atmospheric and Sub-Atmospheric Air Sampling*
- ER-SOP-7.05, Rev. 1 *Subsurface Moisture Measurements Using a Neutron Probe*
- ER-SOP-12.01, Rev. 4 *Field Logging, Handling and Documentation of Borehole Materials*
- ER-SOP-4.01, Rev. 1 *Drilling Methods and Drill-Site Management*

Additional procedures may be added as necessary to describe and document quality-affecting activities.

5.1 Methods for Drilling and Sampling Boreholes A through L

5.1.1 Drilling Protocol

Boreholes A through L will be drilled using the hollow-stem auger method because it has been proven to be capable of collecting undisturbed samples of core and subsurface vapors within the Tshirege Members of the Bandelier Tuff.

Boreholes A through L are projected relative to disposal units in Figures 12 through 23. The depth, angle, and sampling protocol for each borehole are described in Table 3. Each borehole will be continuously cored using a split barrel sampler to total depth. Core will be radiologically screened, visually inspected, and geologically logged. Total depth of boreholes may increase if elevated field screening is detected. The boreholes will be located in the approximate areas shown in Figure 11. The exact location of each borehole will be determined by a global positioning system (GPS) field survey of pit and shaft boundaries, utilities, and due to other access restrictive surface conditions.

5.1.2 Collection of Tuff Samples

Subsurface tuff samples will be collected from the split-barrel sampler into sealed sleeves or core-protect bags to preserve the core moisture content. The analytical suite for each borehole is listed in Table 3. The frequency of sampling and orientation to disposal units is displayed in Figures 12 through 24.

Tuff samples will be collected at least every 20 ft in the ten angled boreholes beginning beneath the target disposal unit. Vertical boreholes K and L will be sampled at least every 20 ft beginning at the same depth as the nearest disposal unit. Samples will be collected from intervals where contamination is suspected because of elevated field screening results and/or visual inspection identifies fractures or staining.

Field documentation of samples collected from fractures will include a detailed physical description of the fracture fill material and rock matrix sampled. The volumes of fracture fill and rock matrix material included in the sample will be estimated from field measurements. An additional sample will be collected from the rock matrix adjacent to the fracture sample material to allow for comparison. The fractures and matrix samples are paired and will be assigned unique identifiers.

Tuff samples from boreholes A through L will be analyzed for TAL metals and cyanide, nitrates, perchlorate, and radionuclides (americium-241, strontium-90, isotopic uranium, isotopic plutonium, and gamma spectroscopy isotopes), and dioxins and furans for tuff samples from borehole A, located beneath the Chemical Pit, using analytical methods specified by contract requirements of the Laboratory's SMO. Pore-gas samples will be analyzed for tritium.

QA/QC samples will include field duplicate samples that will be collected following the applicable SOPs listed in Section 5.1. To confirm decontamination procedures, rinsate blanks will also be collected.

5.1.3 Collection of Pore-Gas Samples

Subsurface pore-gas samples will be collected from each borehole at the depth of the nearest adjacent disposal units and from the bottom of the borehole. Pore-gas samples will be collected using a straddle packer to isolate discrete depths of the borehole. Each interval will be purged prior to sampling until measurements of carbon dioxide and oxygen are stable. Subsurface pore-gas samples will be collected in SUMMA canisters and submitted for analysis using EPA Method TO-14 for VOCs and collected in silica gel samplers and submitted for tritium analysis using EPA Method 906.0.

QA/QC samples for VOCs in pore gas will consist of an equipment blank and field duplicate for each sampling round. The equipment blank will be collected from zero gas through the packer sampling apparatus, after sampling and purge decontamination, to observe potential cross contamination. The field duplicate sample will indicate the precision of collection and analysis.

5.2 Methods for Drilling and Sampling Borehole M

5.2.1 Drilling Protocol

A single, vertical borehole will be drilled to a depth of 800 ft in the area north of Pit 5 near the head of Ten Site Canyon. The location and depth of the borehole were selected to provide information on the vertical profile of VOC and tritium concentrations in pore gas and to determine whether perched groundwater is present below MDA C.

Hollow-stem auger drilling will be utilized until refusal (down to at least 400 ft) because it is proven capable of collecting undisturbed samples of core and subsurface vapors within the Tshirege Members of the Bandelier Tuff. Upon refusal, air-rotary drilling will be deployed down the same borehole for completion. The coupling of these drilling methods is practical and allows the objectives of the sampling for this borehole to be met. The vertical borehole will be cored continuously with a split-barrel sampler to 800 ft. Core will be radiologically screened, visually inspected, and geologically logged. The borehole will be located in the approximate location shown in Figure 11. The exact location of this borehole will be determined by field surveying.

5.2.2 Collection of VOC and Tritium Samples

The sampling depth and analytical suites for borehole M are described in Table 3 and depicted at depth in Figure 24. Subsurface pore-gas samples will be collected every 100 ft down the borehole to the depth where auger drilling cannot be continued (approximately 400 ft or deeper). Pore-gas samples will be collected using a straddle packer to isolate discrete depths of the borehole. Each interval will be purged prior to sampling until measurements of carbon dioxide and oxygen are stable. Subsurface pore-gas samples will be collected in SUMMA canisters and submitted for analysis using EPA Method TO-14 for VOCs. The silica gel samplers will be submitted for tritium analysis. An additional sample will be collected at total depth (800 ft) with a single packer through the end of the air-rotary drill string; however, the potential instability of the Puye Formation and the effects of air-rotary drilling on subsurface vapors may preclude collection of a representative sample. The subsurface vapor sample at total depth will be collected only if the conditions for purge-gas stabilization according to ER-SOP-6.31, “Atmospheric and Sub-Atmospheric Air Sampling,” are met.

QA/QC samples for VOCs in pore gas will consist of an equipment blank and field duplicate for each sampling round. The equipment blank will be collected from zero gas through the packer sampling apparatus after sampling and purge decontamination to observe potential cross contamination. A field duplicate sample will indicate the precision of collection and analysis. A field duplicate sample also will be collected for tritium.

5.2.3 Collection of Geotechnical Data

Vertical borehole M will be cored continuously and geologically logged to total depth. Samples will be collected from core provided by a split-barrel sampler throughout the Tshirege Members of the Bandelier Tuff to allow visual inspection. Brass sleeves will then be used in the relatively unconsolidated Cerro Toledo interval, the Otowi Member, and the Puye Formation to improve recovery and maintain structural integrity for geophysical characterization. Samples collected from the split-barrel sampler will be preserved in sealed sleeves or core-protect bags to maintain the core moisture content.

Moisture content and matrix potential samples will be collected every 5 ft in borehole M. Samples for chloride analysis will be collected every 20 ft from this borehole. Samples for saturated and unsaturated hydraulic conductivity, porosity, and bulk density will be collected once in each tuff unit, twice from the

Cerro Toledo interval, and at five depths in the Otowi Member. Five samples will also be collected from the Puye Formation. The samples collected from the Cerro Toledo interval, the Otowi Member, and the Puye Formation will be selected from core to be representative of all the textural intervals encountered. Analyses for saturated and unsaturated hydraulic conductivity, porosity, and bulk density will be performed using analytical methods specified by contract requirements of the Laboratory's SMO. One field duplicate sample also will be collected and analyzed.

6.0 MONITORING AND SAMPLING PROGRAM

An investigation report that provides an evaluation of nature and extent of contamination and potential risk to human health and the environment will be prepared following collection of data proposed in this IWP. The report will contain a proposed interim vapor-monitoring program based on an evaluation of data in the Investigation Report. Additionally, sampling and analysis activities are progressing in Ten Site Canyon in association with implementing the work plan. No other monitoring and sampling programs related to possible releases from MDA C are proposed at this time.

7.0 SCHEDULE

The MDA C IWP will be submitted to NMED on July 31, 2003. Assuming a 60-day NMED review period and 30 days to resolve comments between NMED and the Laboratory, field activities are scheduled to start on November 3, 2003. Field activities, including drilling and subsurface sampling, will take approximately four to six weeks to complete (barring any weather or other unforeseen delays). The subsurface sampling will include the first round of pore-gas sampling using SUMMA canisters and silica gel samplers. A second round of pore-gas sampling will take place during week 10. Assuming a 6-week turnaround time to receive and analyze data on the pore-gas sampling results, Laboratory and NMED representatives will meet to review the pore-gas data during week 16 and decide whether to instrument any additional boreholes for pore-gas monitoring. If required, pore-gas monitoring boreholes would be instrumented during week 22 and samples collected in week 24.

Deep vertical borehole M will be instrumented between weeks 8 and 10, and pore-gas samples collected between weeks 10 and 12.

Authorization basis (AB) documentation is being prepared for DOE review to document that drilling beneath the MDA C inventory can be conducted in a safe manner in accordance with nuclear safety requirements in 10CFR 830. AB approval is expected by November 3, 2003. However, fieldwork will not be allowed to start until AB approval is received from DOE, which may delay the start date of field activities.

The MDA C Investigation Report is scheduled to be delivered to NMED on August 31, 2004.

8.0 REFERENCES

The following list includes all references cited in this document. Parenthetical information following each reference provides the author, publication date, and the ER ID number, when available. This information also is included in the citations in the text. ER ID numbers are assigned by RRES-RS to track records associated with the program. These numbers can be used to locate copies of the actual documents at the RRES-RS Records Processing Facility.

AGS (Advanced Geological Services), September 2001. “Integrated Geophysical Investigation MDA C and MDA H Los Alamos National Laboratory, Los Alamos, New Mexico Contract No. 350256-001-01 86,” Report. (AGS 2001, 73710)

AGS (Advanced Geological Services), September 2002. “Integrated Geophysical Investigation Material Disposal Area C, TA-50 Los Alamos National Laboratory, Los Alamos, New Mexico,” Report. (AGS 2002, 73711)

Baltz, E. H., J. H. Abrahams, and W. D. Purtymun, March 1963. “Preliminary Report on the Geology and Hydrology of Mortandad Canyon near Los Alamos, New Mexico, with Reference to Disposal of Liquid Low-Level Radioactive Waste,” US Geological Survey Open File Report, Albuquerque, New Mexico. (Baltz et al. 1963, 0024)

Cordell, L., 1979. “Gravimetric Expression of Graben Faulting in Santa Fe Country and the Española Basin, New Mexico,” *New Mexico Geological Society Guidebook,* 30th Annual Field Conference, Santa Fe, New Mexico, pp. 59–64. (Cordell 1979, 76049)

EPA (US Environmental Protection Agency), April 10, 1990. “Module VIII of RCRA Permit No. NM0890010515, EPA Region VI, Issued to Los Alamos National Laboratory, Los Alamos, New Mexico, effective May 23,1990,” EPA Region VI, Hazardous Waste Management Division, Dallas, Texas. (EPA 1990, 1585)

EPA (Environmental Protection Agency), April 1994. “Transmittal of Hazardous Waste Permit for Los Alamos National Laboratory (NM0890010515),” EPA Region VI Letter to J. Bellows from A.M. Davis, Dallas. Texas. (EPA 1994, 44146)

Freeze, R. A. and J. A. Cherry, January 1979. *Groundwater*, Prentice Hall, Inc., Englewood Cliffs, New Jersey. (Freeze and Cherry 1979, 64057)

Hakonson, T. E., 1987. "Environmental Surveillance of Low-Level Radioactive Waste Management Areas at Los Alamos During 1985,” Los Alamos National Laboratory document LA-UR-87-139, Los Alamos, New Mexico. (Hakonson 1987, 8911).

LANL (Los Alamos National Laboratory), June 2003. “Characterization Well R-14 Completion Report,” Los Alamos National Laboratory document, LA-UR-03-1664**,** Los Alamos, New Mexico. (LANL 2003, 76062)

LANL (Los Alamos National Laboratory), November 1998. “Installation Work Plan for Environmental Restoration Project, Revision 7,” Los Alamos National Laboratory document LA-UR-98-4652, Los Alamos, New Mexico. (LANL 1998, 62060)

LANL (Los Alamos National Laboratory), May 1998. “Hydrogeologic Workplan Los Alamos National Laboratory,” Los Alamos National Laboratory Document, LA-UR-01-6511, Los Alamos, New Mexico. (LANL 1998, 59599)

LANL (Los Alamos National Laboratory), March 1997. “Performance Assessment and Composite Analysis for Los Alamos National Laboratory Material Disposal Area G,” Los Alamos National Laboratory document LA-UR-97-85, Los Alamos, New Mexico. (LANL 1997, 63131)

LANL (Los Alamos National Laboratory), March 1997. "Voluntary Corrective Action Plan for Potential Release Sites at TA-16 16-005(D), 16-006(G, H), 16-013,16-017, 16-025(x), 16-026(Q), 16-029(G2, H2, W, X), 16-031 (C, D), 16-034(P), C-16-065, C-16-068, C-16-074 Field Unit 3," Los Alamos National Laboratory document LA-UR-97-640, Los Alamos, New Mexico. (LANL 1997, 55512)

LANL (Los Alamos National Laboratory), May 1992. "RFI Work Plan for Operable Unit 1147 Environmental Restoration Program," Los Alamos National Laboratory document, LA-UR-92-969, Los Alamos, New Mexico. (LANL 1992, 07672)

LASL (Los Alamos Scientific Laboratory), June 1974. Engineering Drawing ENG-R-4459, prepared by University of California, Engineering Department, for Los Alamos Scientific Laboratory, Los Alamos, New Mexico. (LASL 1974, 76047)

LASL (Los Alamos Scientific Laboratory), December 1970. Engineering Drawing ENG-R-1264, sheet number 3, prepared by University of California, Engineering Department, for Los Alamos Scientific Laboratory, Los Alamos, New Mexico. (LASL 1970, 38446)

Longmire, P., May 2003. Email Communication with E. Keating, Los Alamos National Laboratory, Los Alamos, New Mexico. (Longmire 2003, 76050)

Neleigh, D. W., December 1995. "Modification Request for Operable Unit 1147, Los Alamos National Laboratory (NM0890010515)," Los Alamos National Laboratory Letter to T. J. Taylor (DOE ER Program Manager) from D. W. Neleigh (Section Chief, EPA Region 6 [New Mexico] Federal Facilities), Los Alamos, New Mexico. (Neleigh 1995, 55112)

Nyhan, J. W., June 1978. "Soil Survey of Los Alamos County, New Mexico," Los Alamos National Laboratory report LA-6779-MS, Los Alamos, New Mexico. (Nyhan 1978, 5702)

Nylander, C. L., K. A. Bitner, G. Cole, E. H. Keating, S. Kinkead, P. Longmire, B. Robinson, D. B. Rogers, and D. Vaniman, March 2003. "Groundwater Annual Status Report for Fiscal Year 2002," Los Alamos National Laboratory document LA-UR-03-0244, Los Alamos, New Mexico. (Nylander et al. 2003, 76059)

Purtymun, W. D., January 1984. "Hydrologic Characteristics of the Main Aquifer in the Los Alamos Area Development of Ground Water Supplies," Los Alamos National Laboratory report LA-9957-MS, Los Alamos, New Mexico. (Purtymun 1984, 6513)

Reneau, S. and D. Vaniman, December 1998. "Fracture Characteristics in a Disposal Pit on Mesita del Buey, Los Alamos National Laboratory," Los Alamos National Laboratory report LA-13539-MS, Los Alamos, New Mexico. (Reneau and Vaniman 1998, 63135)

Rogers, M. A., June 1977. "History and Environmental Setting of LASL Near-Surface Land Disposal Facilities for Radioactive Wastes (Areas A, B, C, D, E, F, G, and T)," Los Alamos Scientific Laboratory report LA-6848-MS, Vols. I and II, Los Alamos, New Mexico. (Rogers 1977, 0216)

Soll, W., and K. Birdsell, February 1998. "The Influence of Coatings and Fills on Flow in Fractured, Unsaturated Tuff Porous Media System," *Water Resources Research,* Vol. 34, No. 2, pp. 193–202. (Soll and Birdsell 1998, 70011)

Stauffer, P. H., K. H. Birdsell, M. Witkowski, T. Cherry, and J. Hopkins, March 2000. "Subsurface Vapor-Phase Transport of TCA at MDA L: Model Predictions," Los Alamos National Laboratory report LA-UR-00-2080, Los Alamos, New Mexico. (Stauffer et al. 2000, 69794)

Turin, H., and N. Rosenberg, January 1996. “A Conceptual Model for Flow in the Vadose Zone Beneath Finger Mesas of the Pajarito Plateau,” in *New Mexico Geological Society Forty-Seventh Annual Field Conference, September 25–28, 1996,* F. Goff et al., eds., Los Alamos, New Mexico. (Turin and Rosenberg, 1996, 63559)

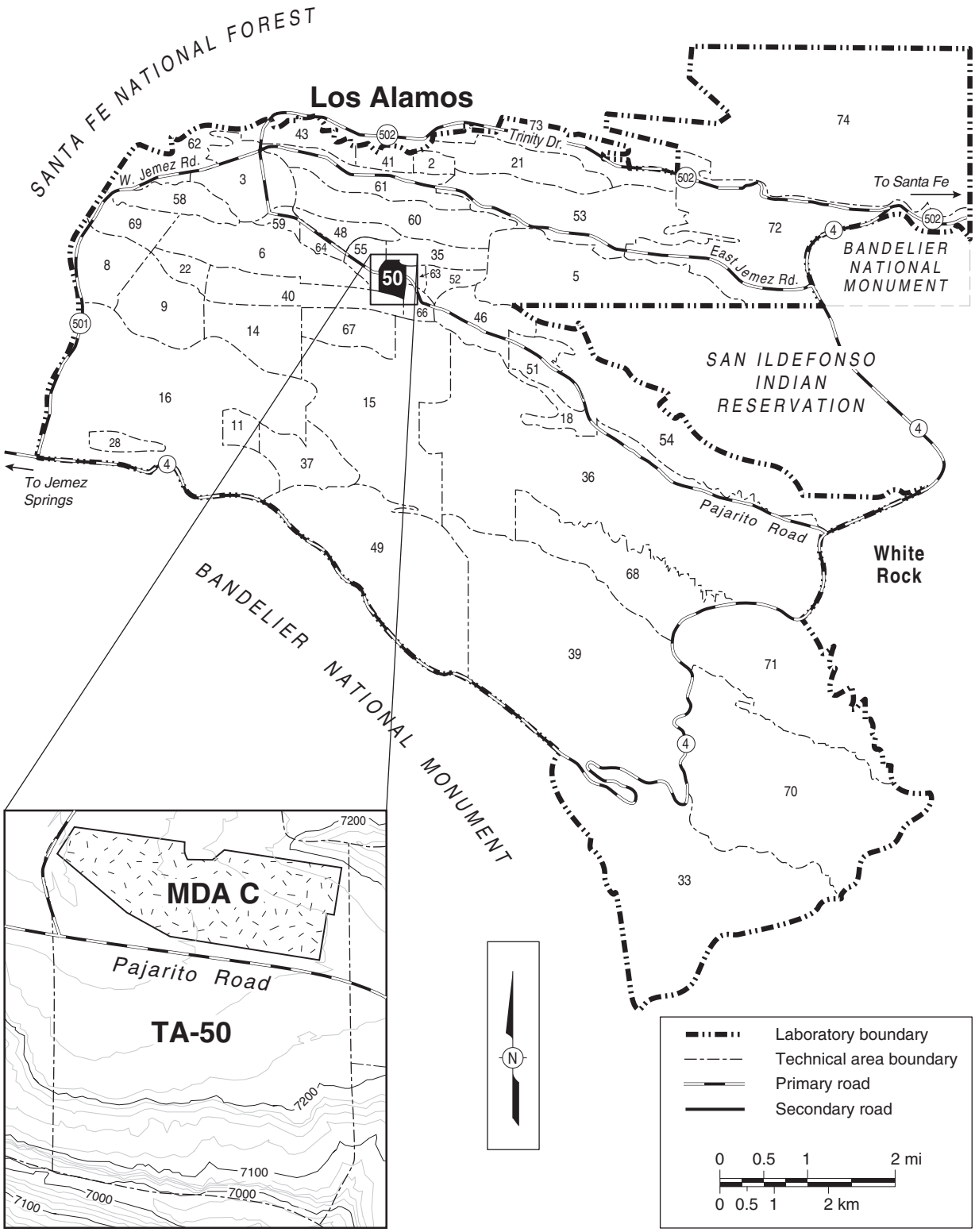

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Figure 1. Location of MDA C with respect to Laboratory technical areas and surrounding land holdings

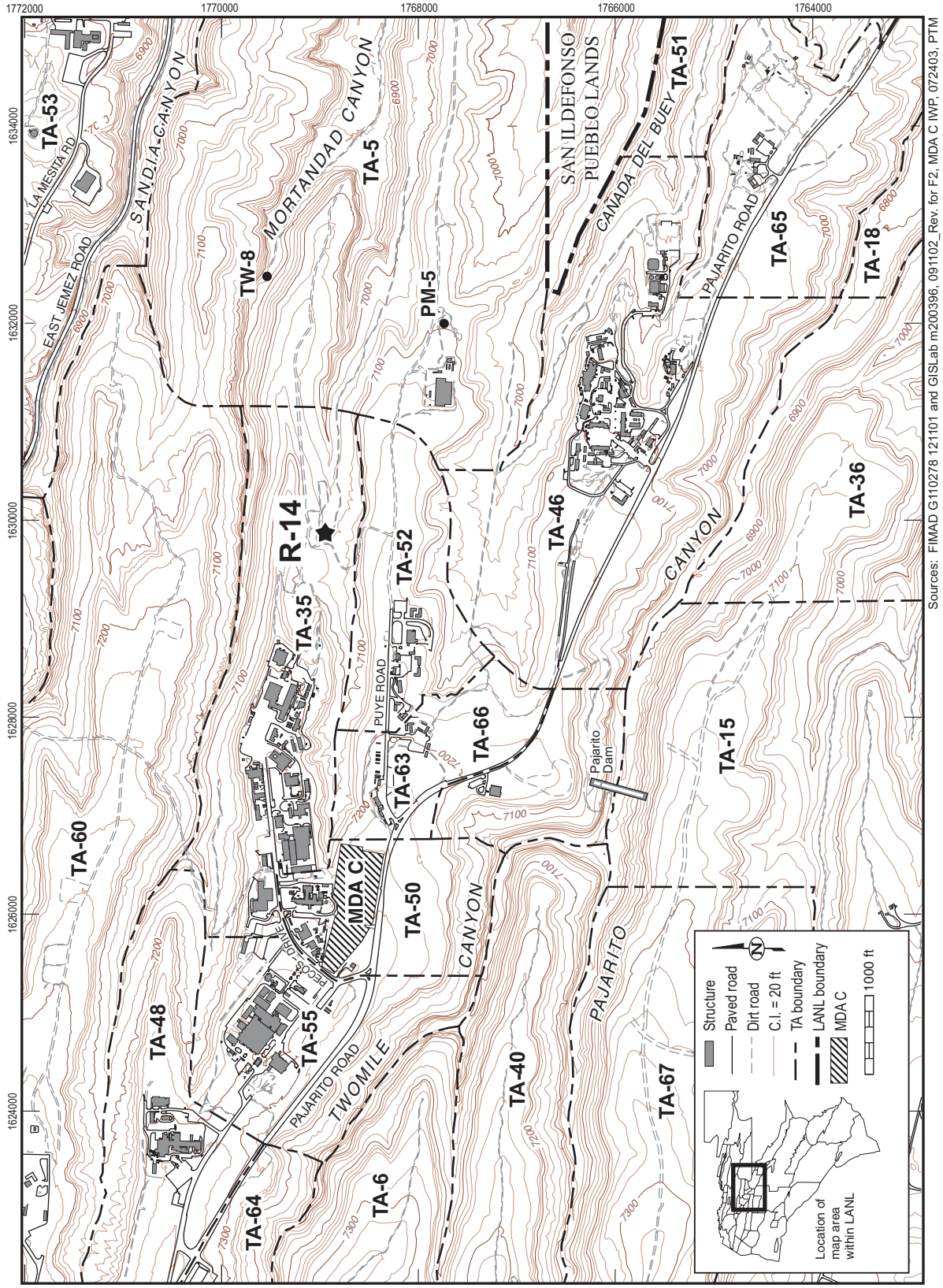


Figure 2. Regional map of MDA C and locations of wells and boreholes for determining stratigraphy at MDA C

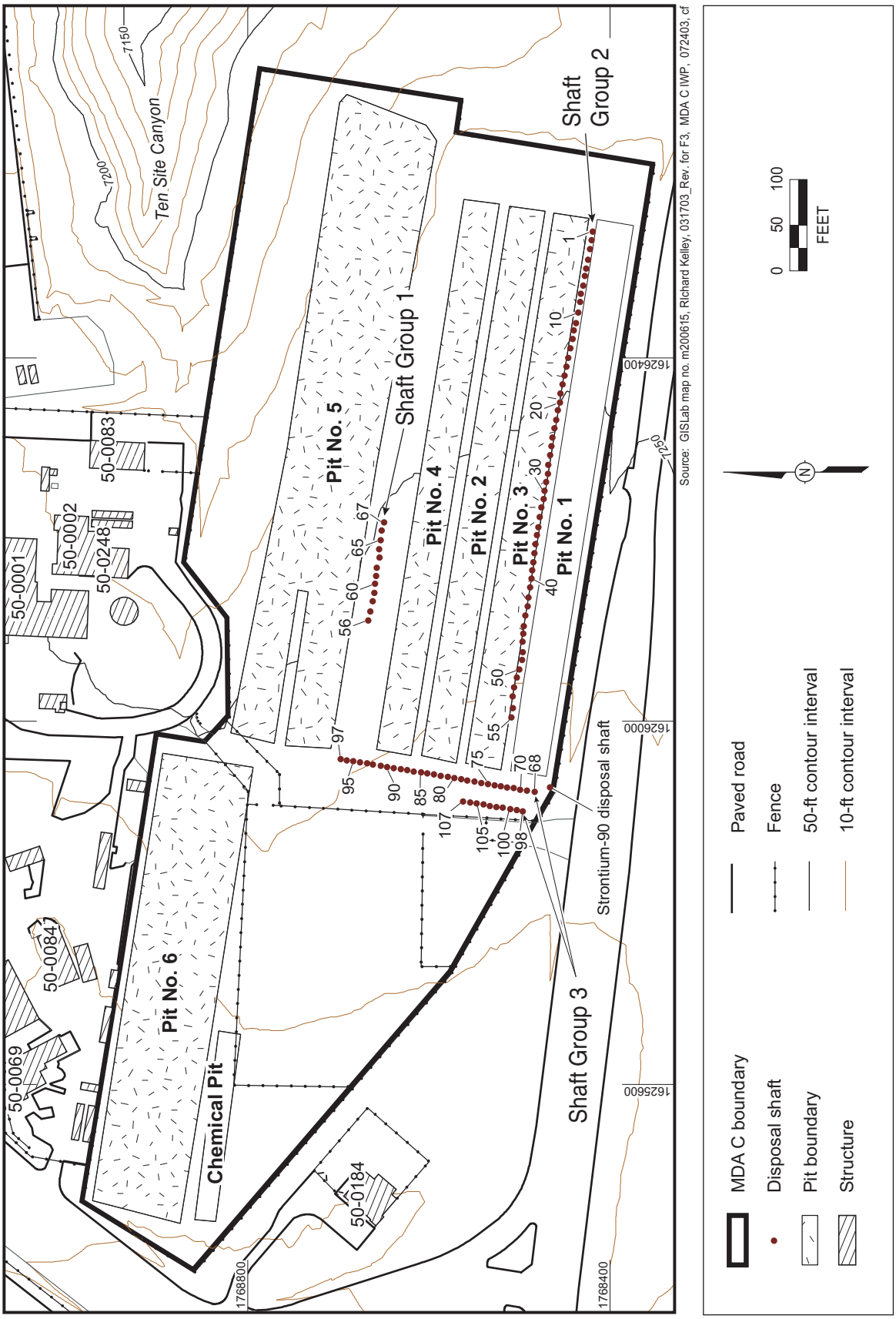


Figure 3. Locations of pits and shafts at MDA C

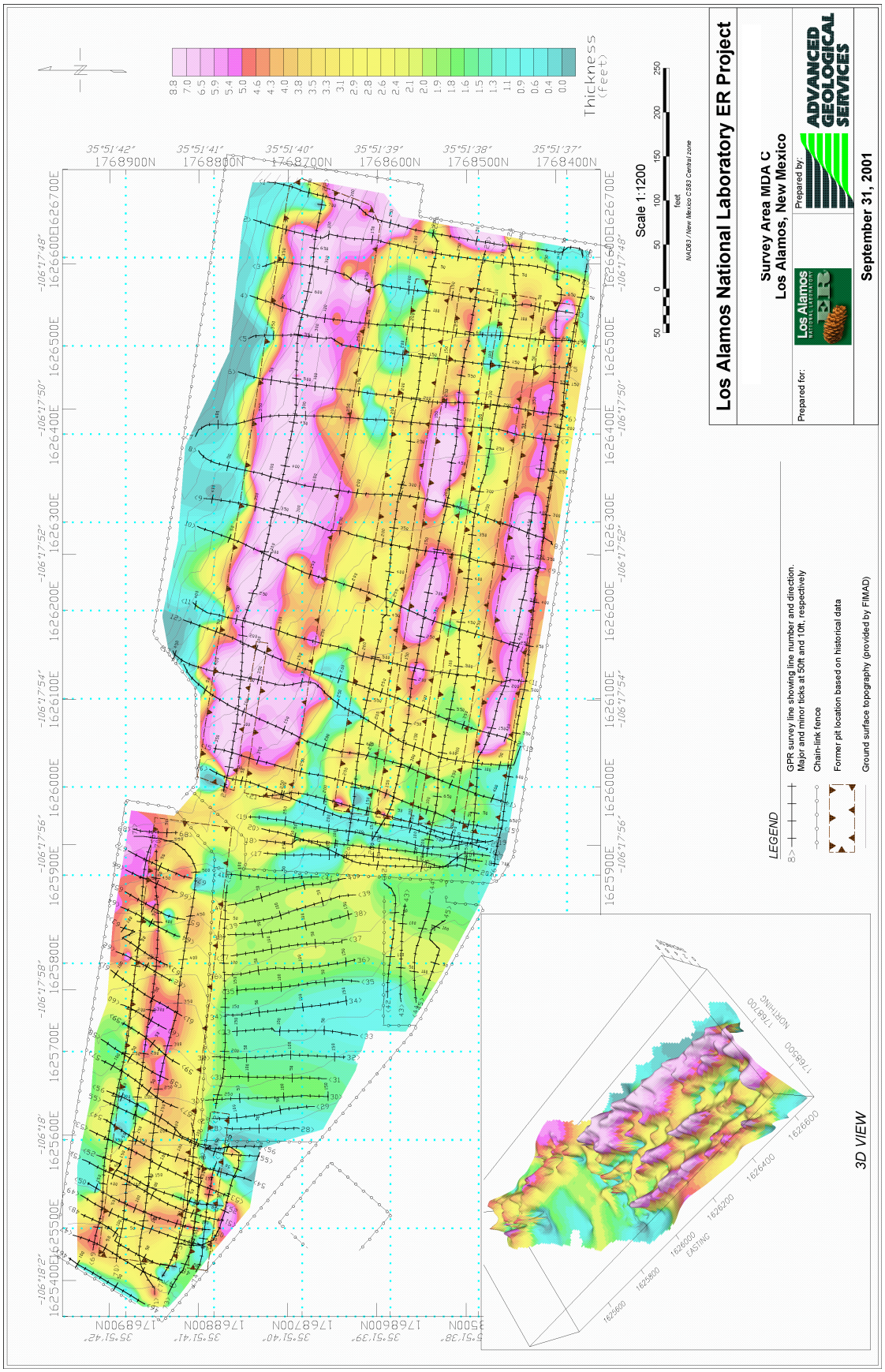
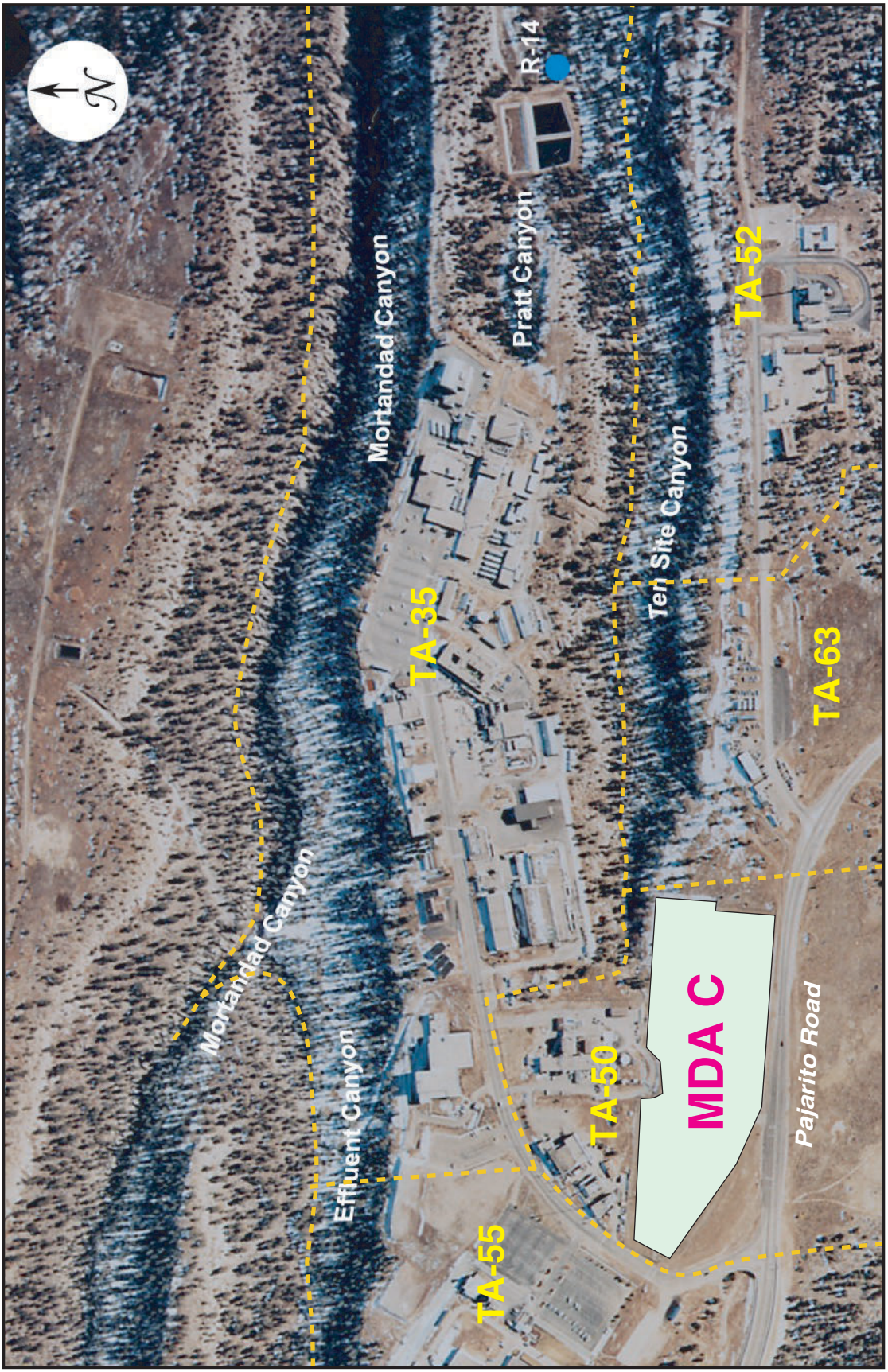


Figure 4. Thickness of fill material at MDA C based on 2001 geophysical survey



F5, MDA C IWP, 072103, CF

Figure 5. Locations of canyons adjacent to MDA C and regional well R-14

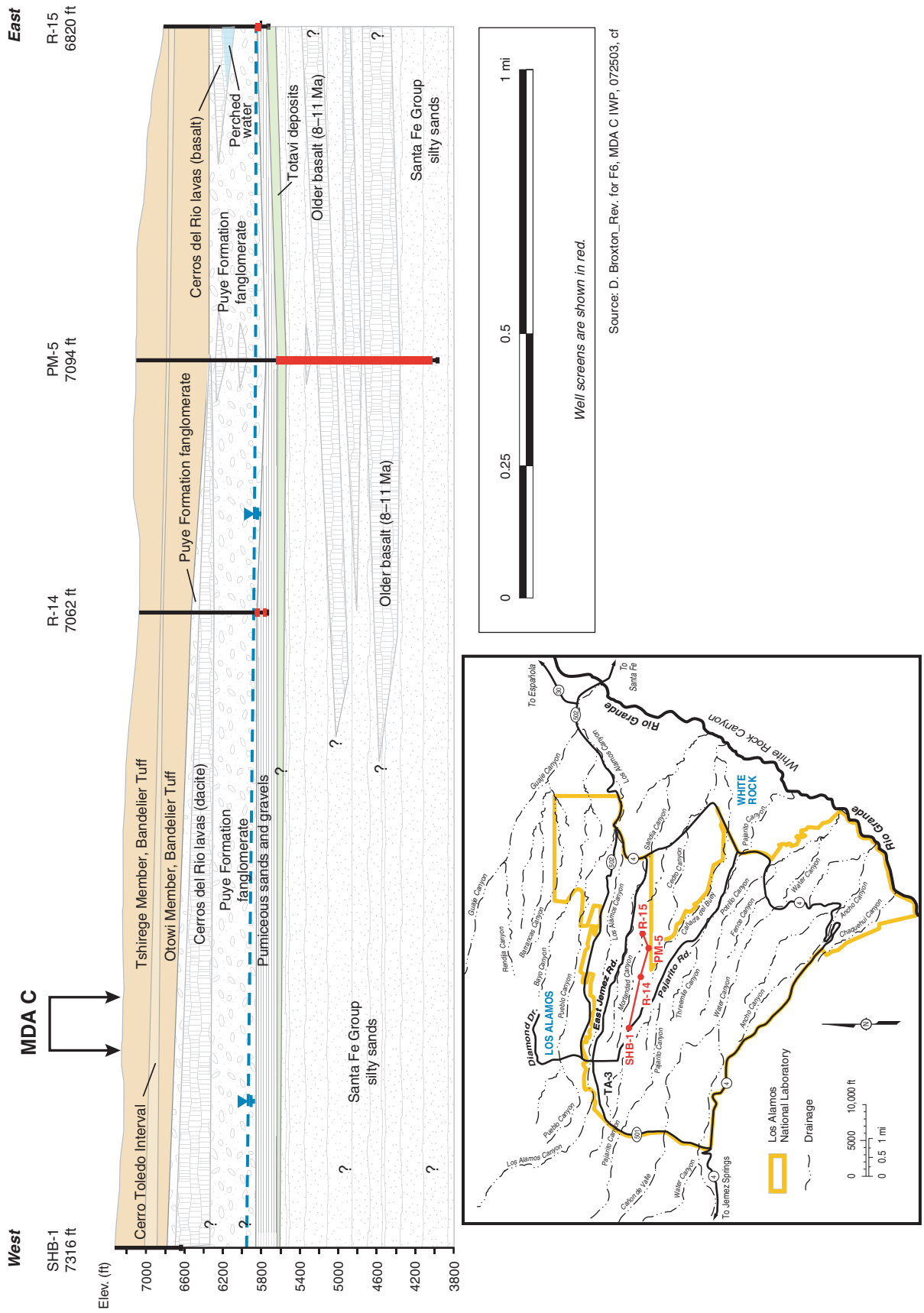


Figure 6. Hydrogeologic cross section through Pajarito Plateau in the vicinity of MDA C along Mortandad Canyon

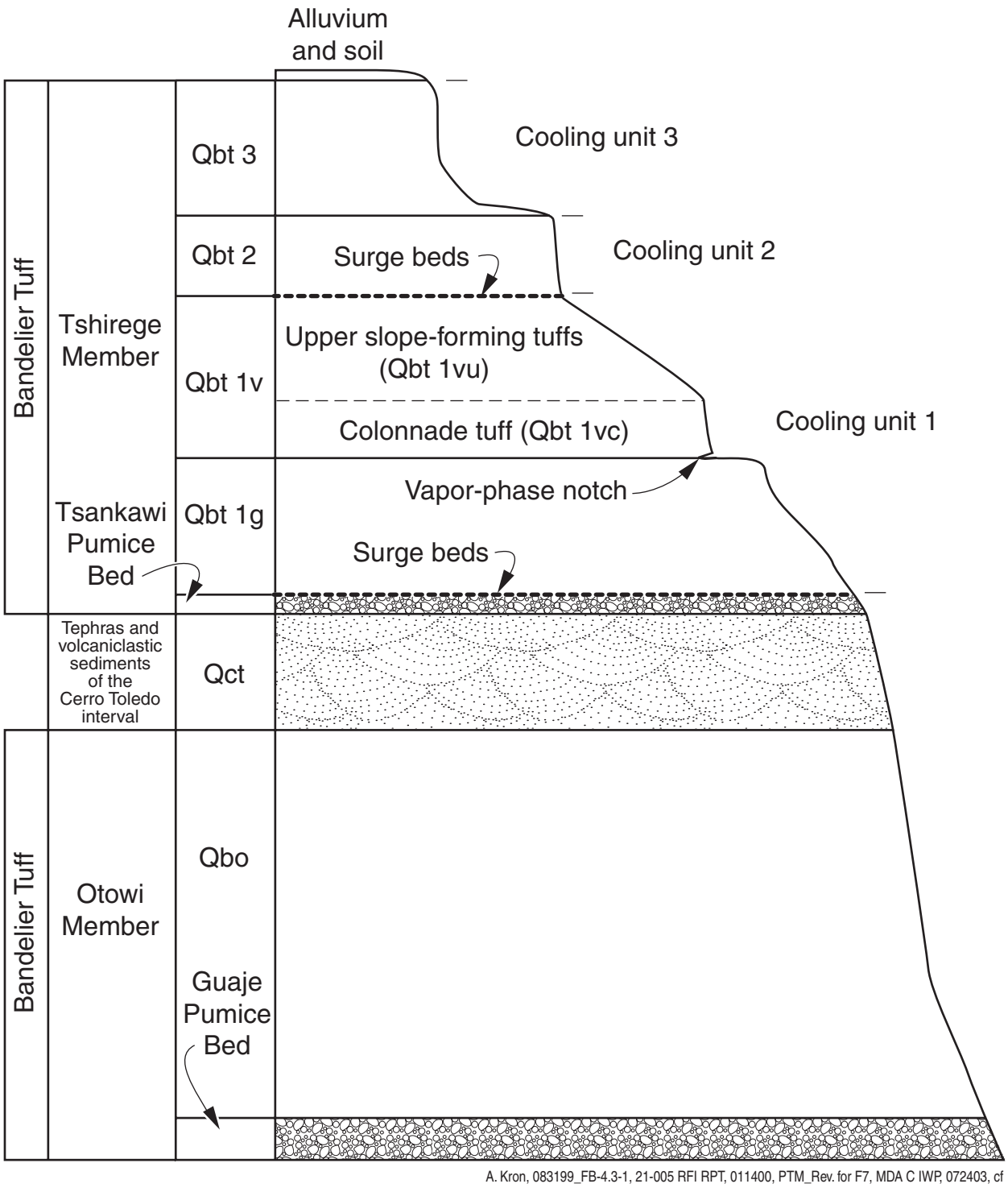


Figure 7. Generalized stratigraphy of Bandelier Tuff at MDA C

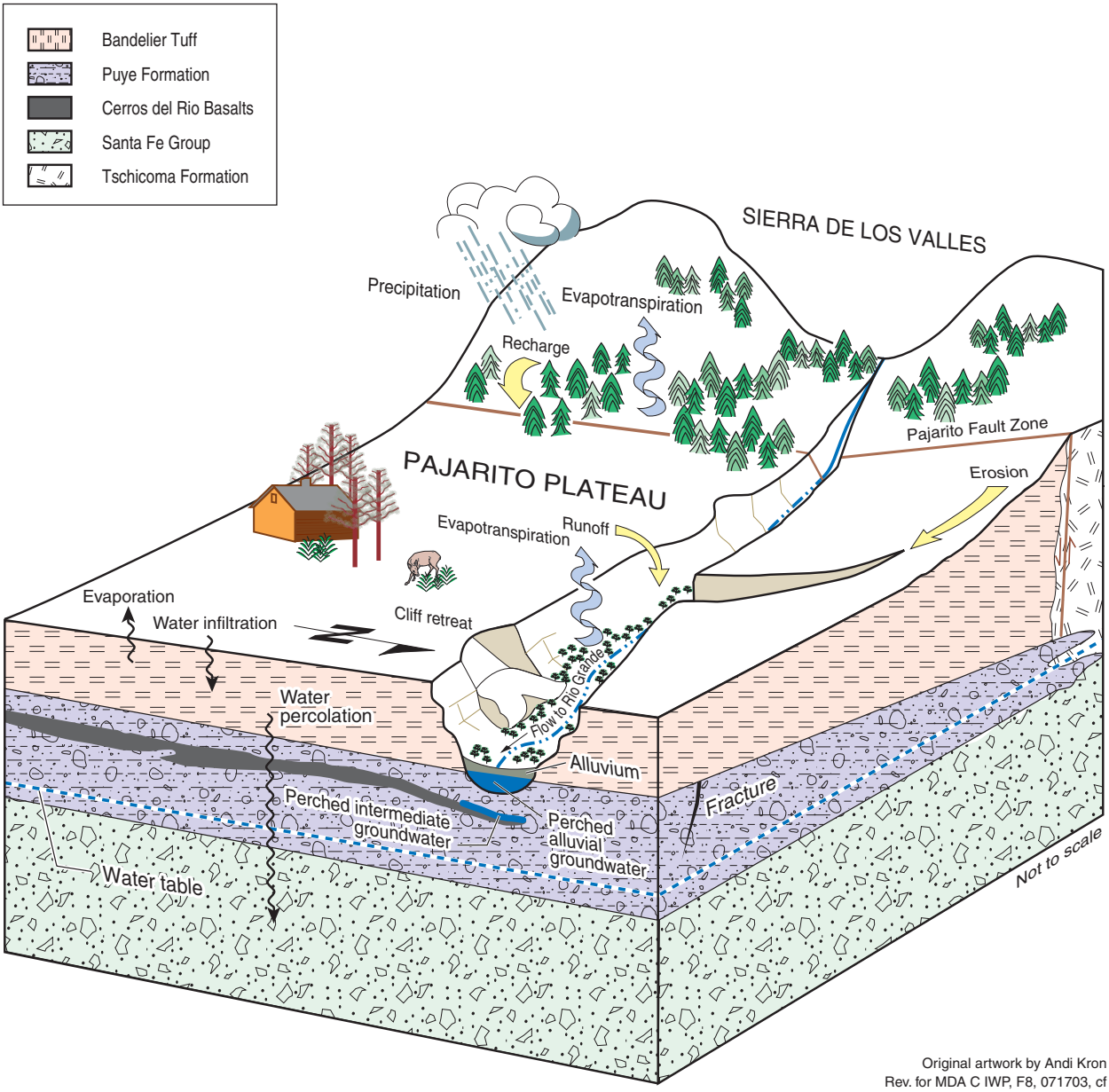
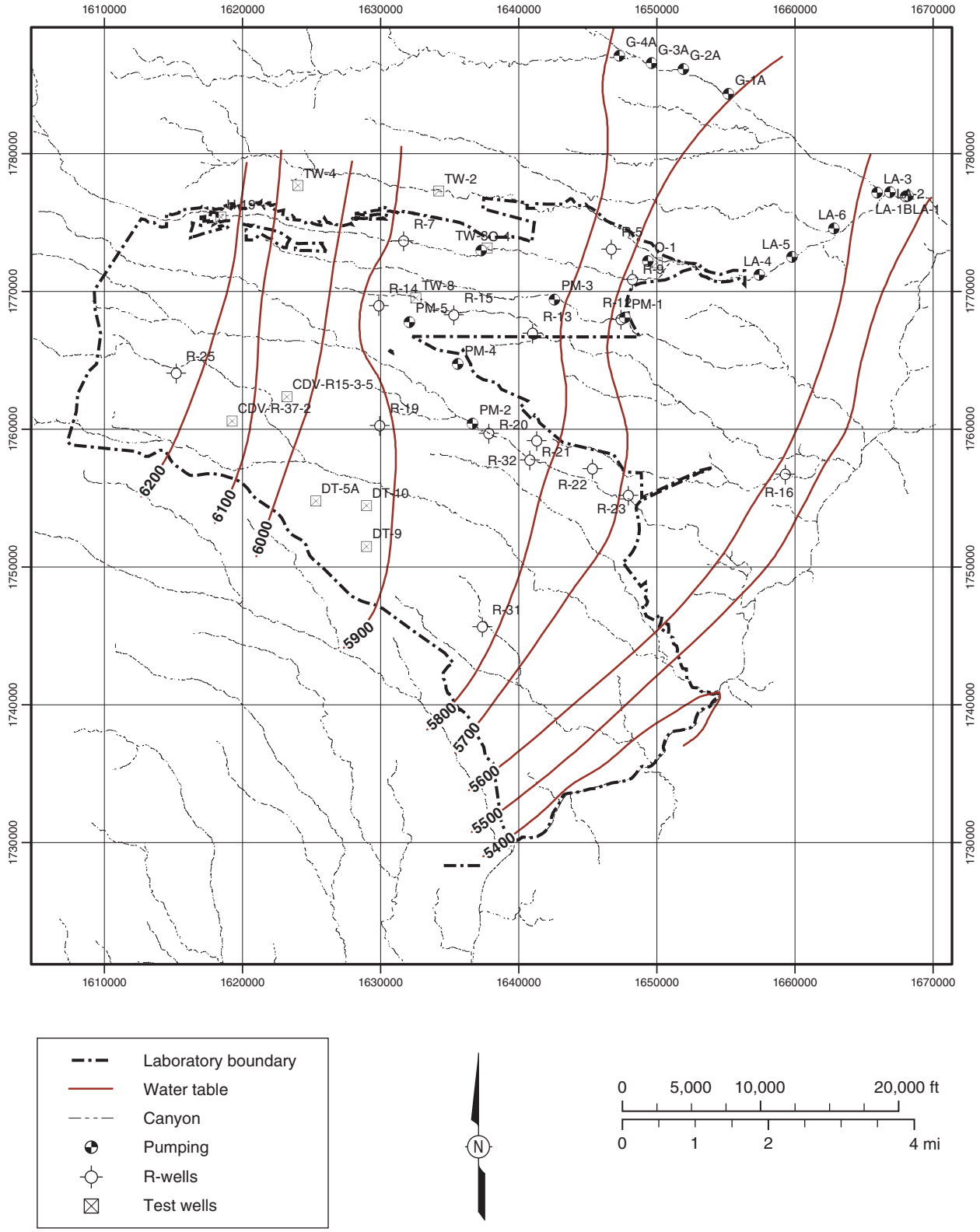


Figure 8. **Schematic of the hydrogeologic conceptual model for the Pajarito Plateau (LANL 1998, 59599)**



Source: GIS Lab m200714, REK, 061703_Rev. for F9, MDA C IWP, 072403, cf

Figure 9. Water table elevations at the Laboratory

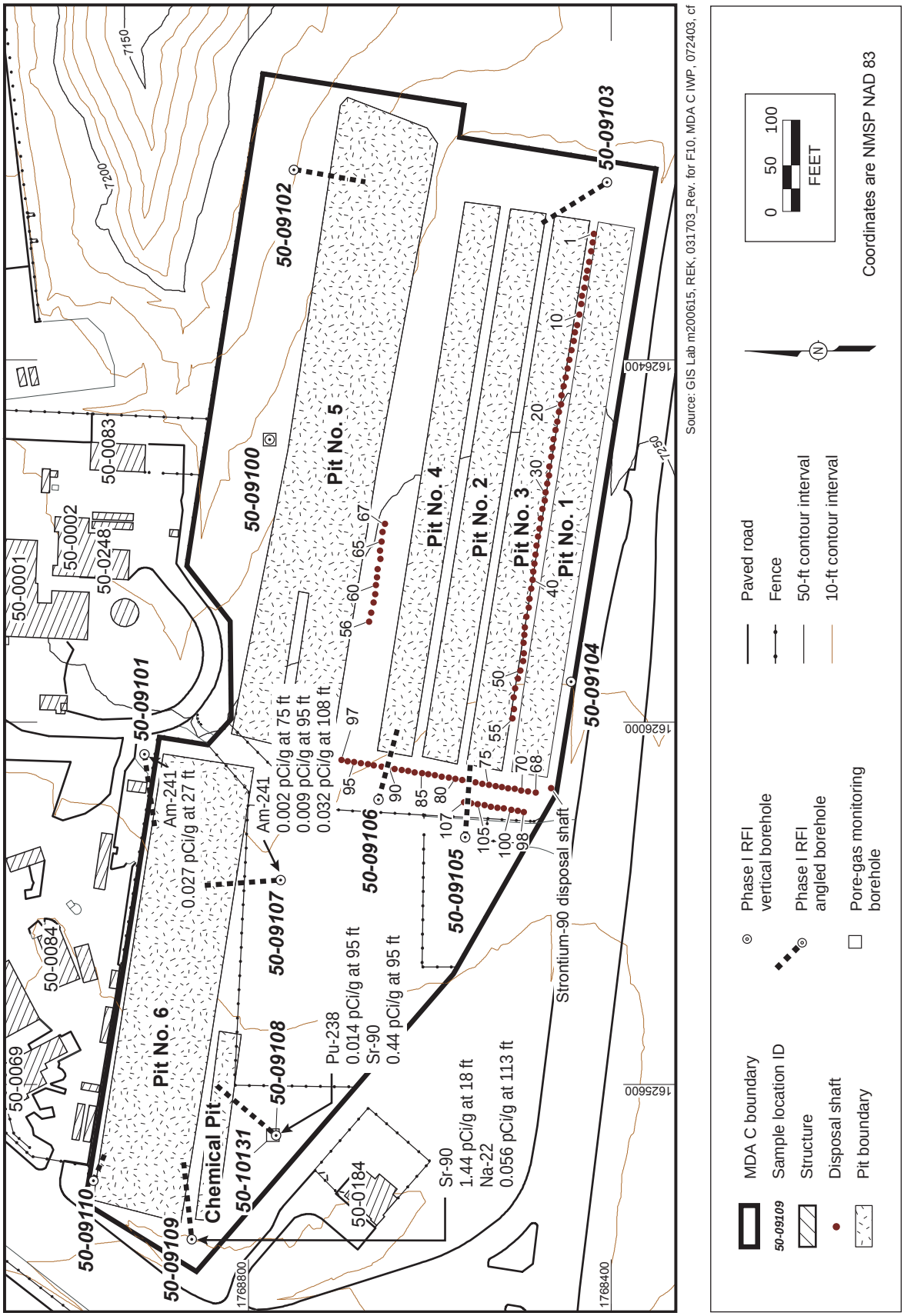


Figure 10. Radionuclides detected in tuff beneath Pit 6 at MDA C

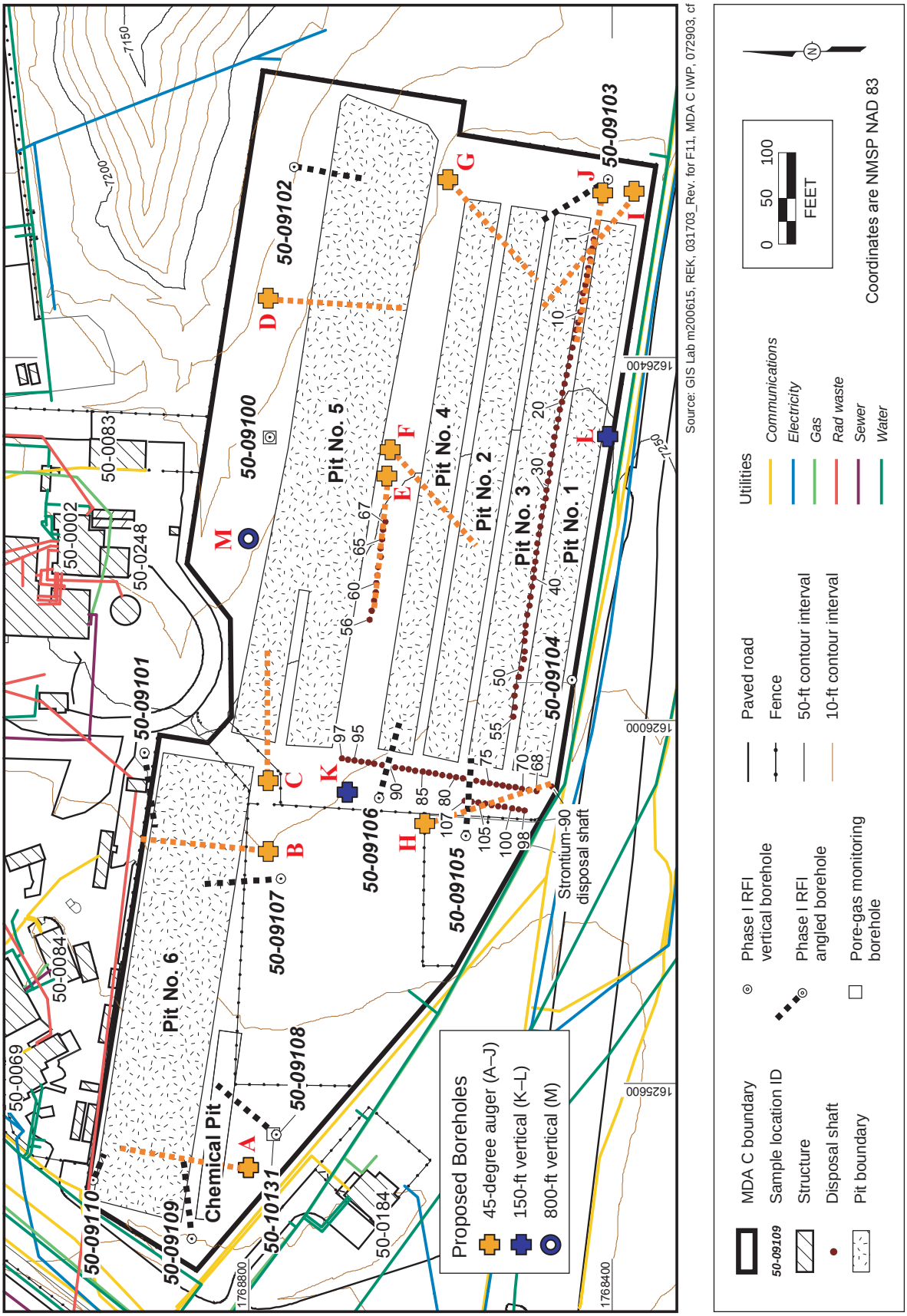


Figure 11. Proposed boreholes at MDA C

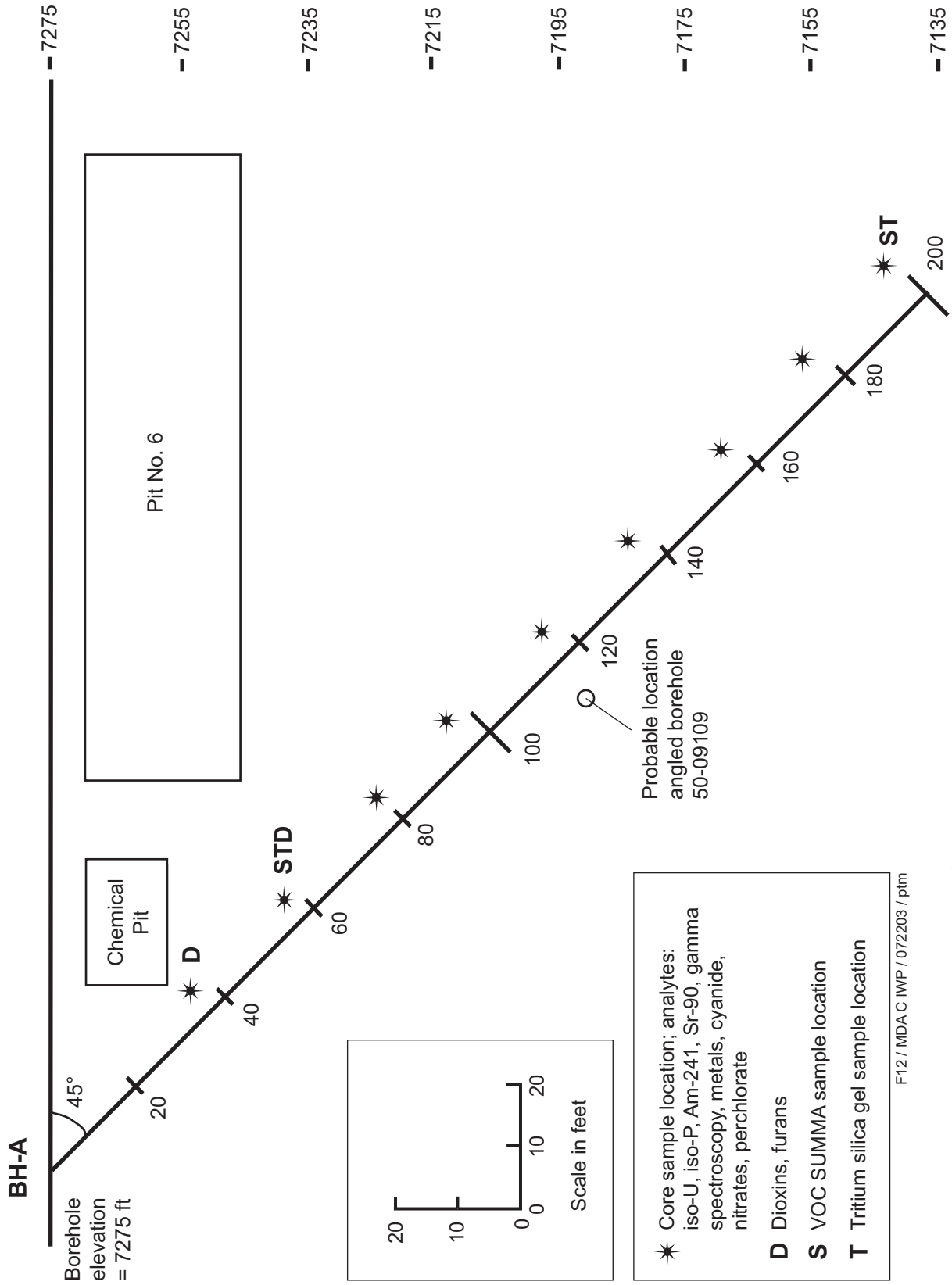


Figure 12. Profile of borehole A at MDA C with planned sample locations

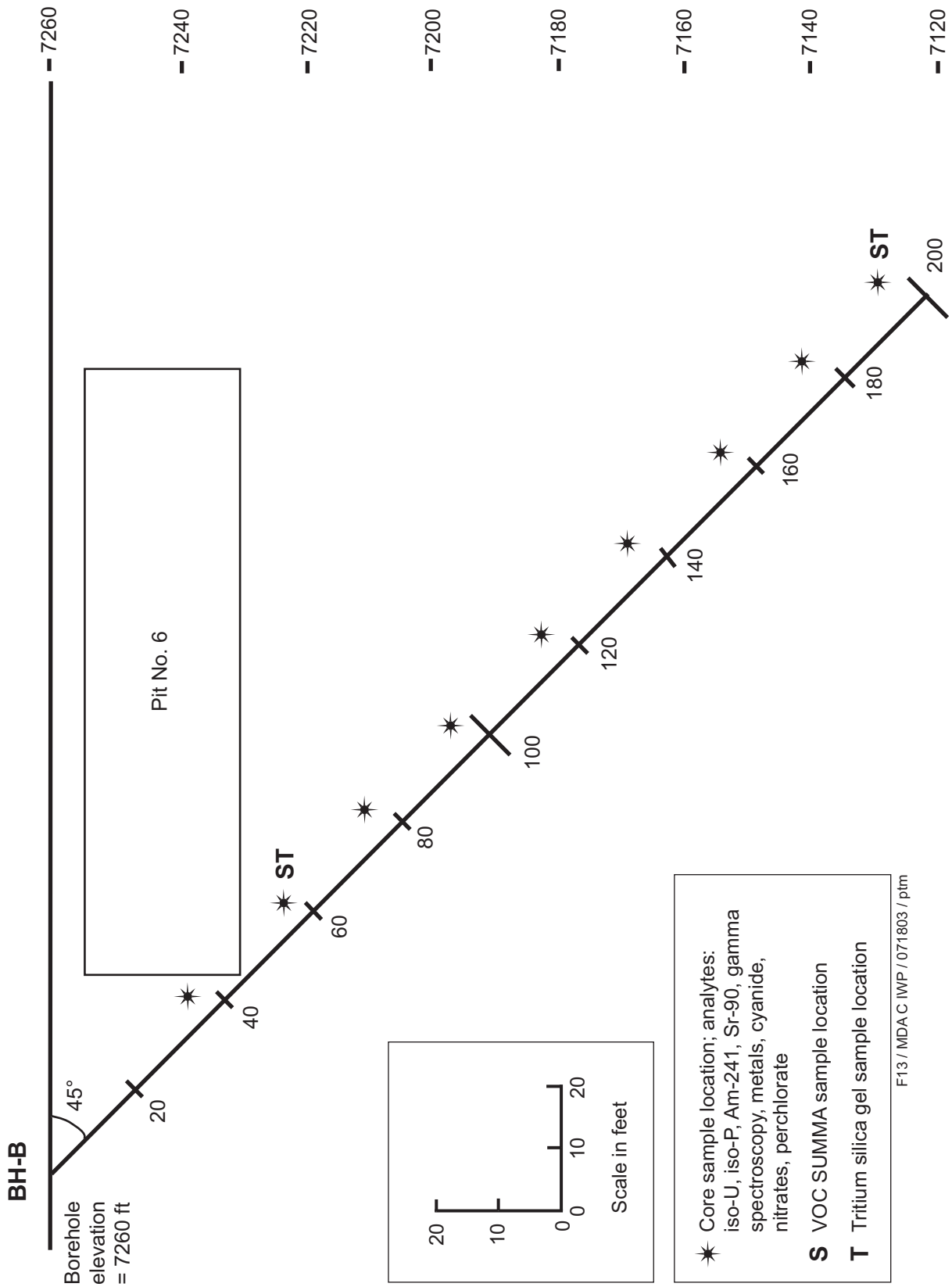


Figure 13. Profile of borehole B at MDA C with planned sample locations

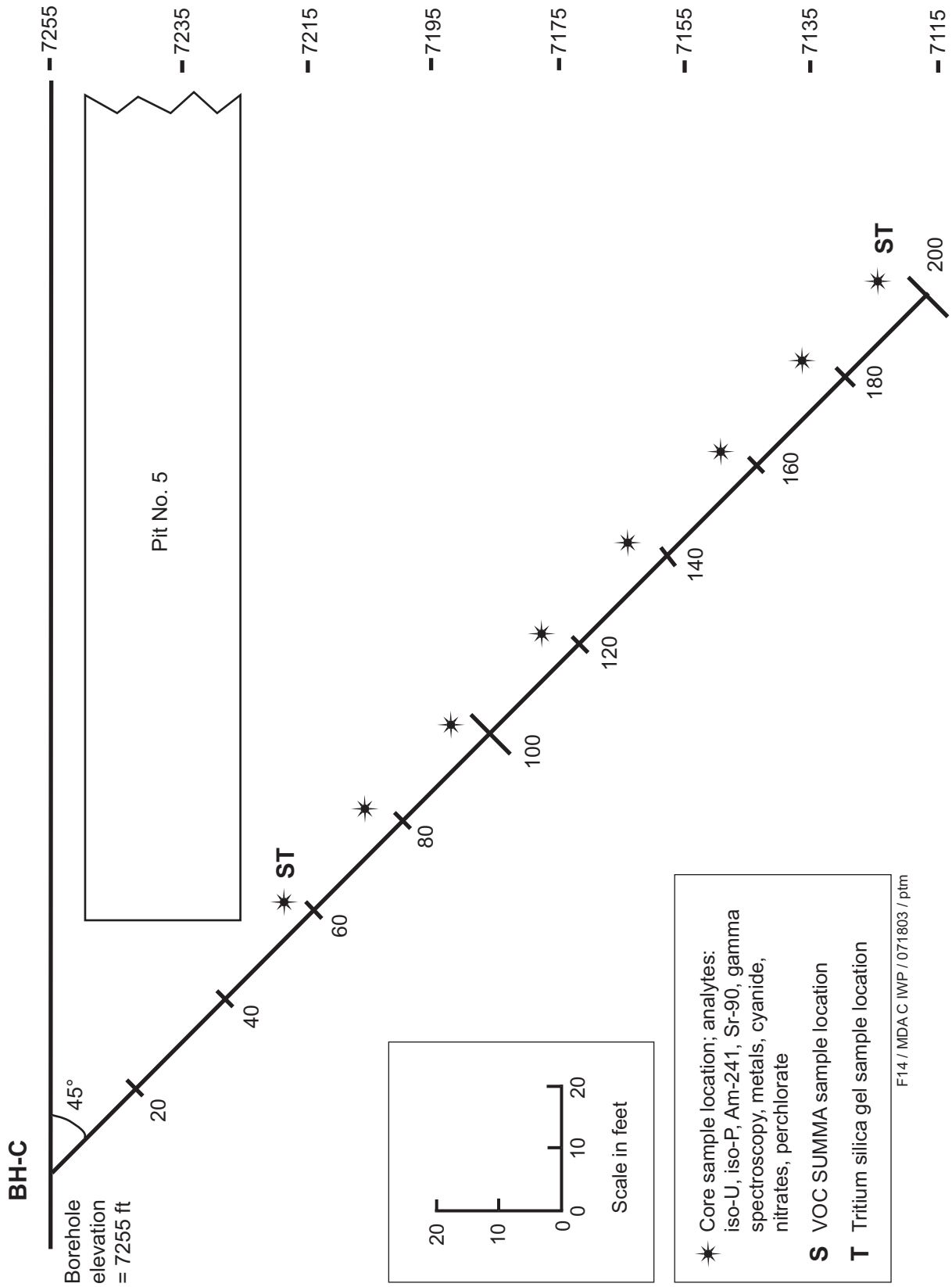


Figure 14. Profile of borehole C at MDA C with planned sample locations

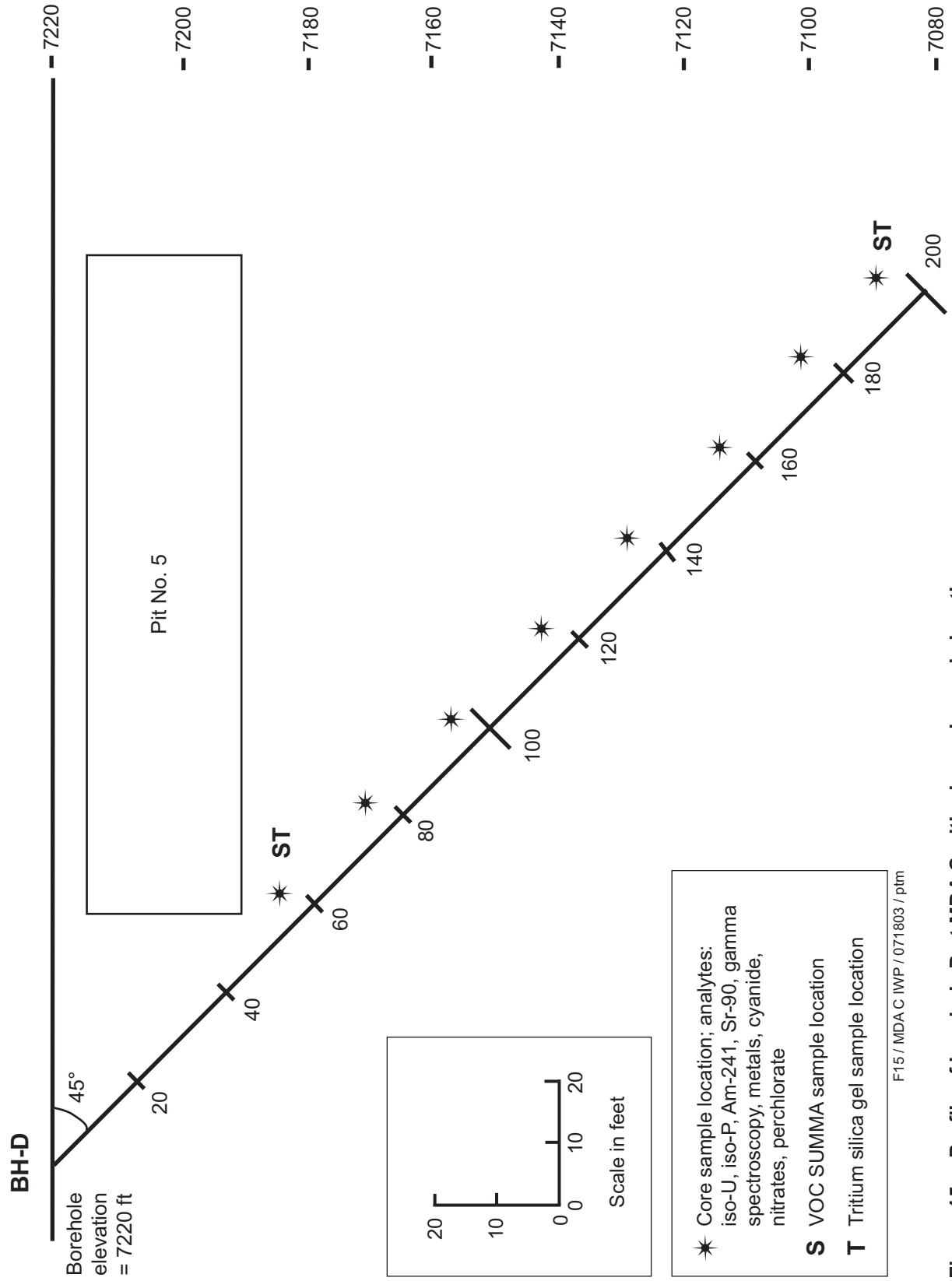


Figure 15. Profile of borehole D at MDA C with planned sample locations

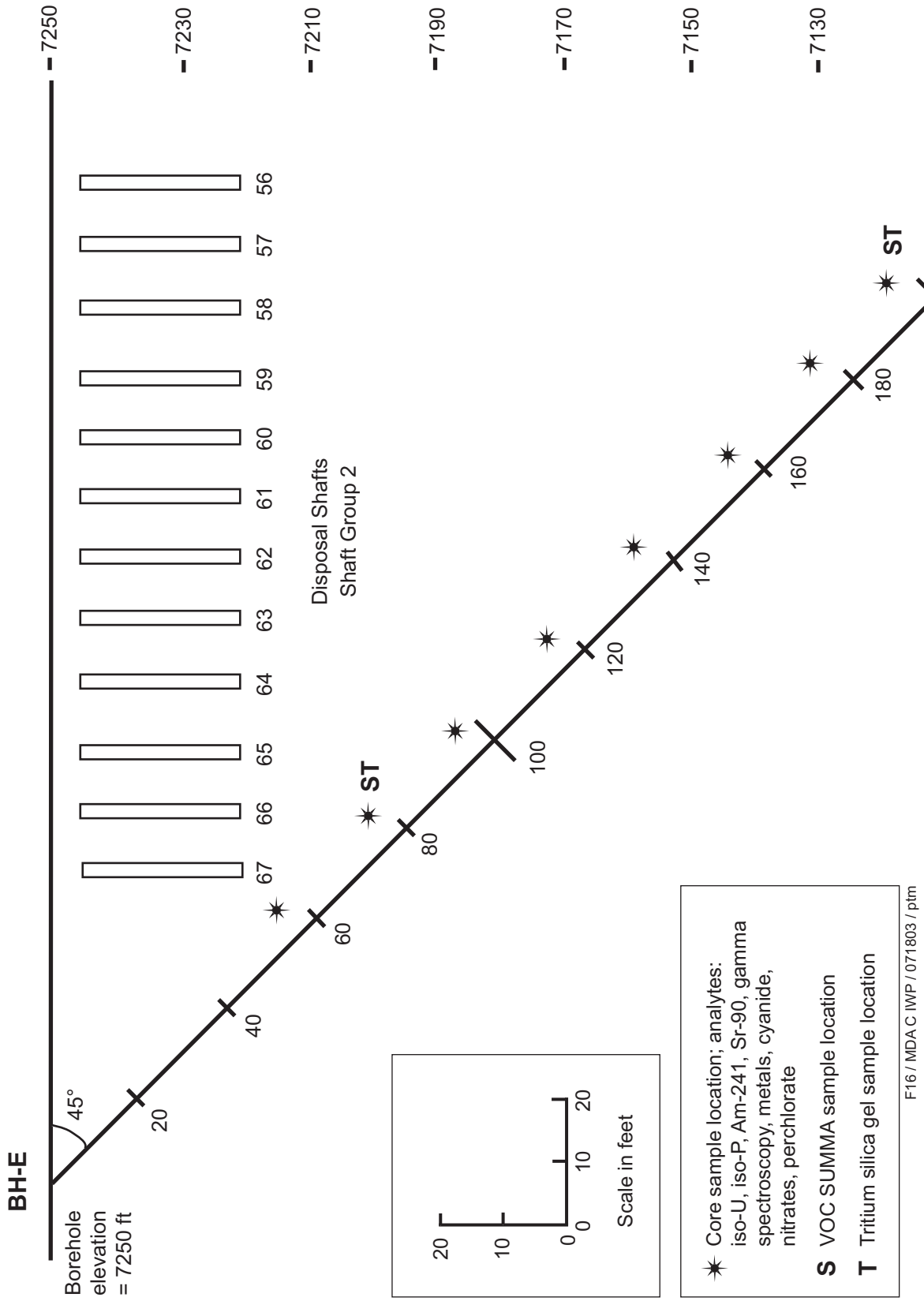


Figure 16. Profile of borehole E at MDA C with planned sample locations

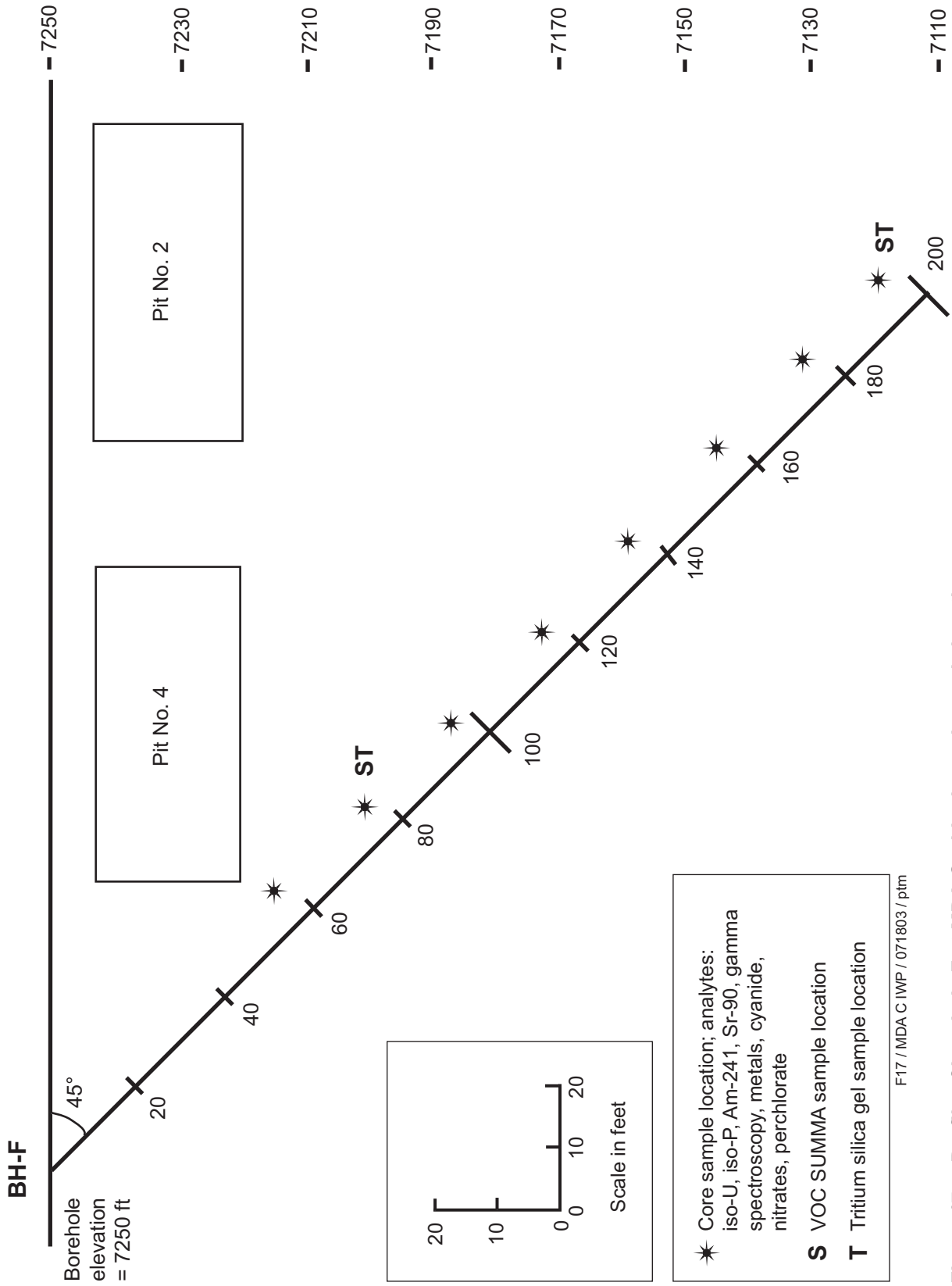


Figure 17. Profile of borehole F at MDA C with planned sample locations

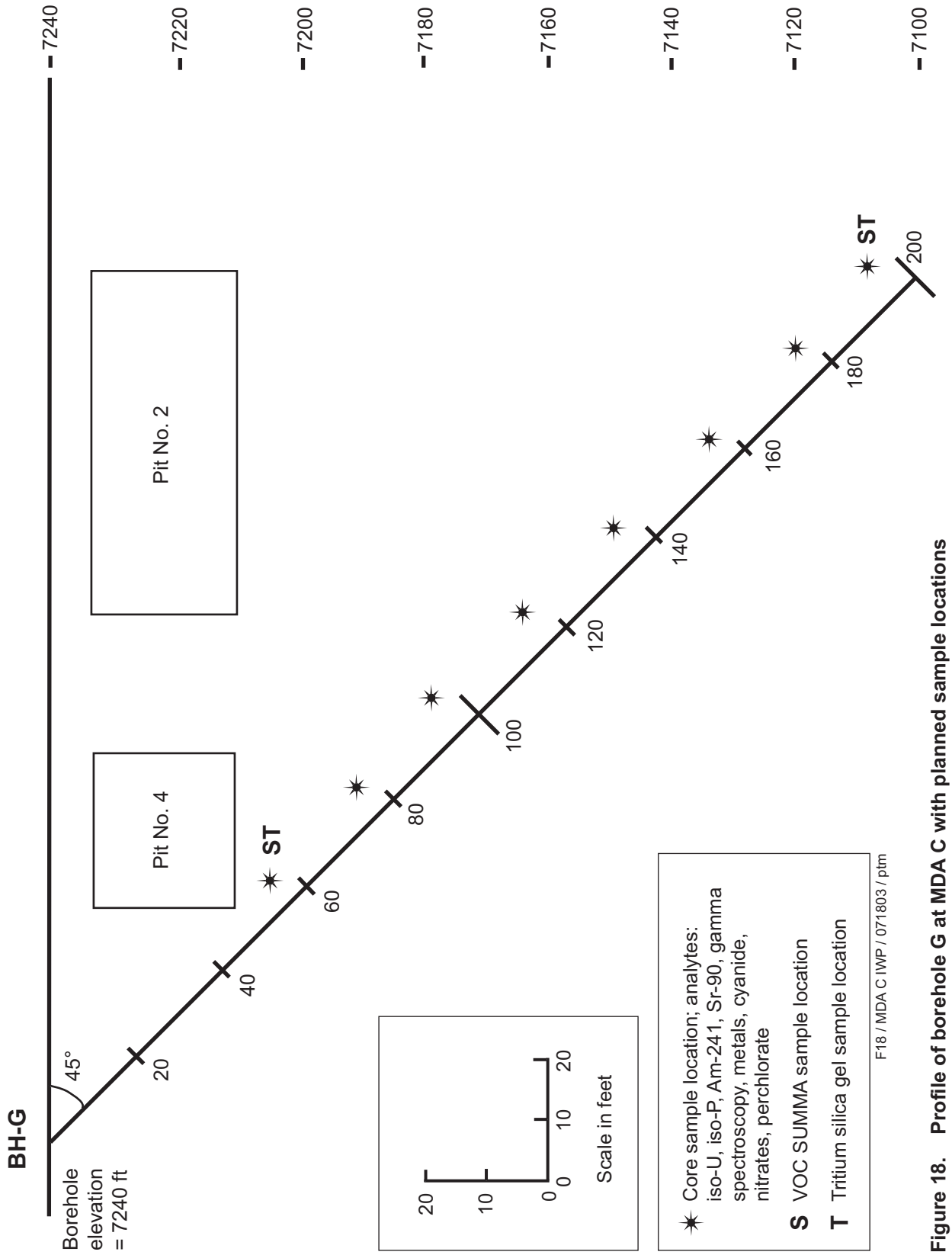


Figure 18. Profile of borehole G at MDA C with planned sample locations

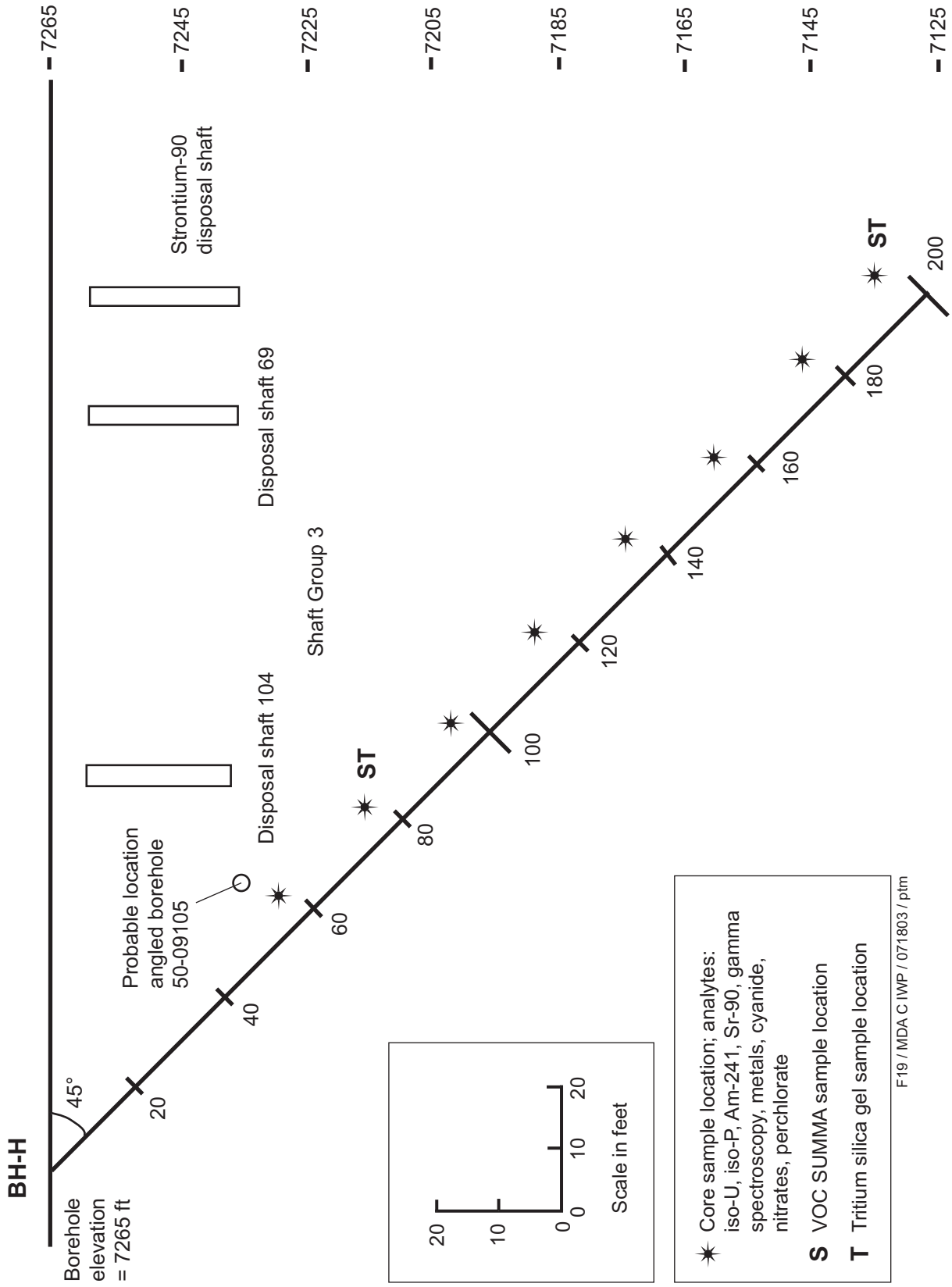


Figure 19. Profile of borehole H at MDA C with planned sample locations

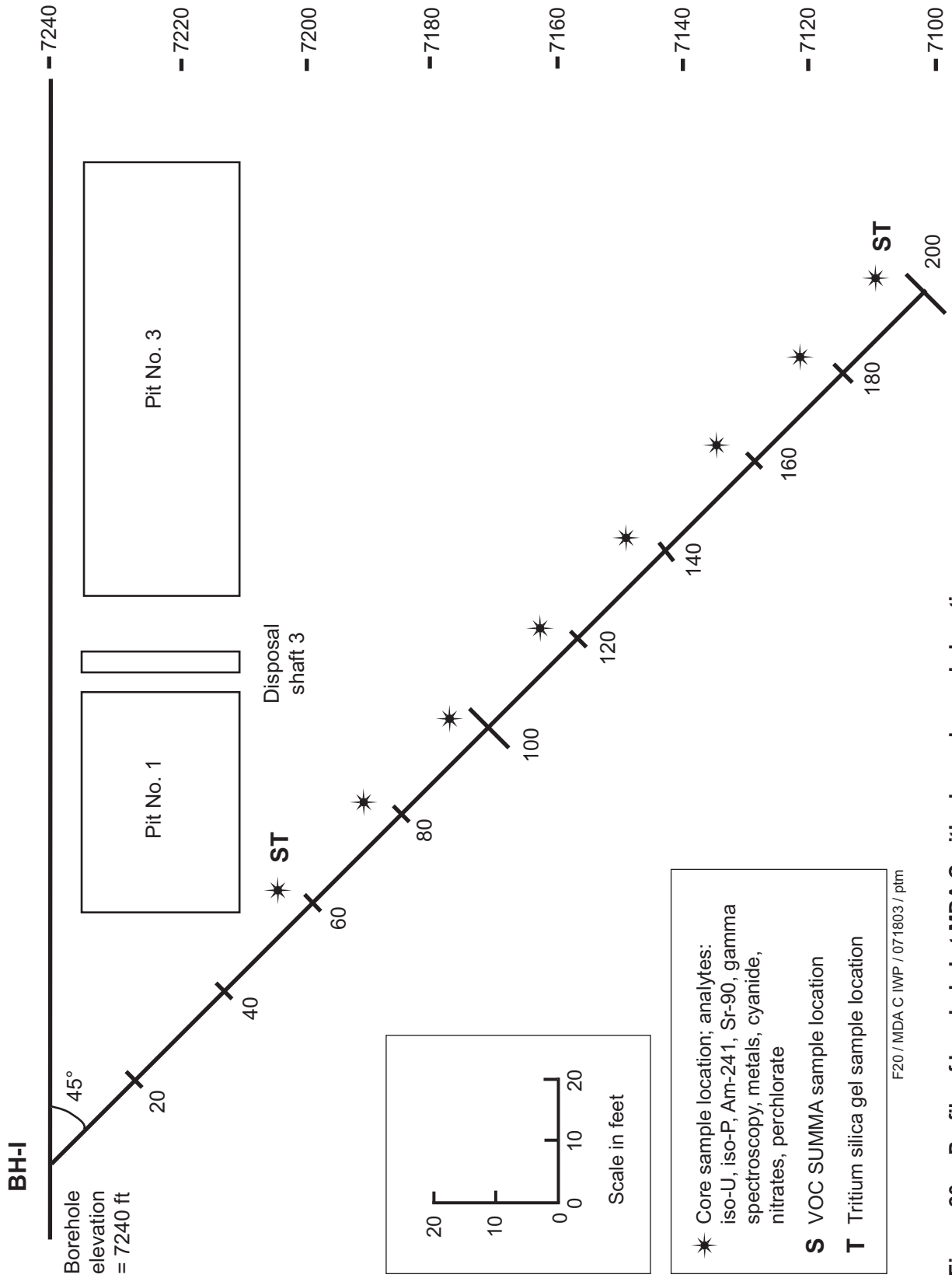


Figure 20. Profile of borehole I at MDA C with planned sample locations

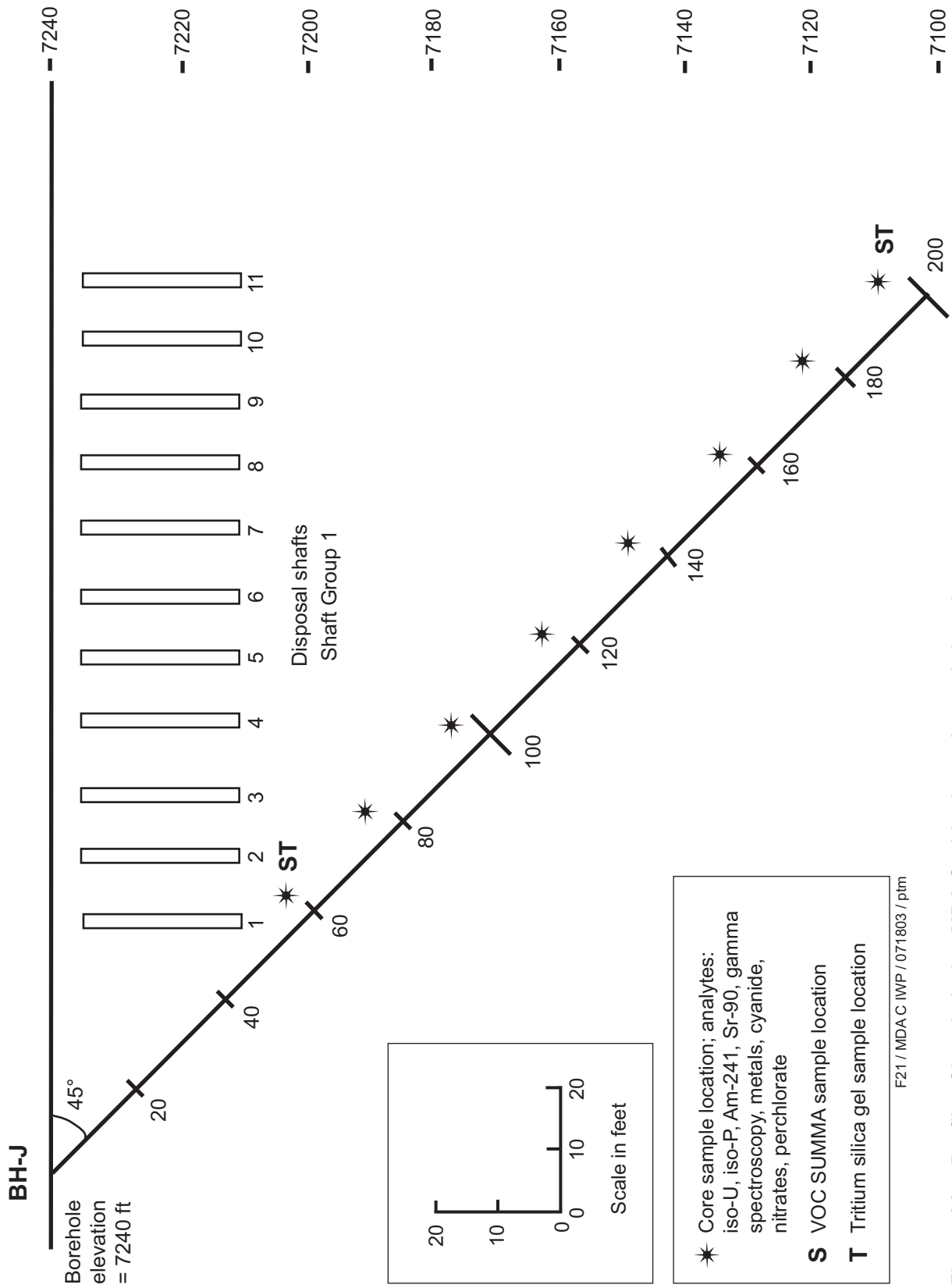


Figure 21. Profile of borehole J at MDA C with planned sample locations

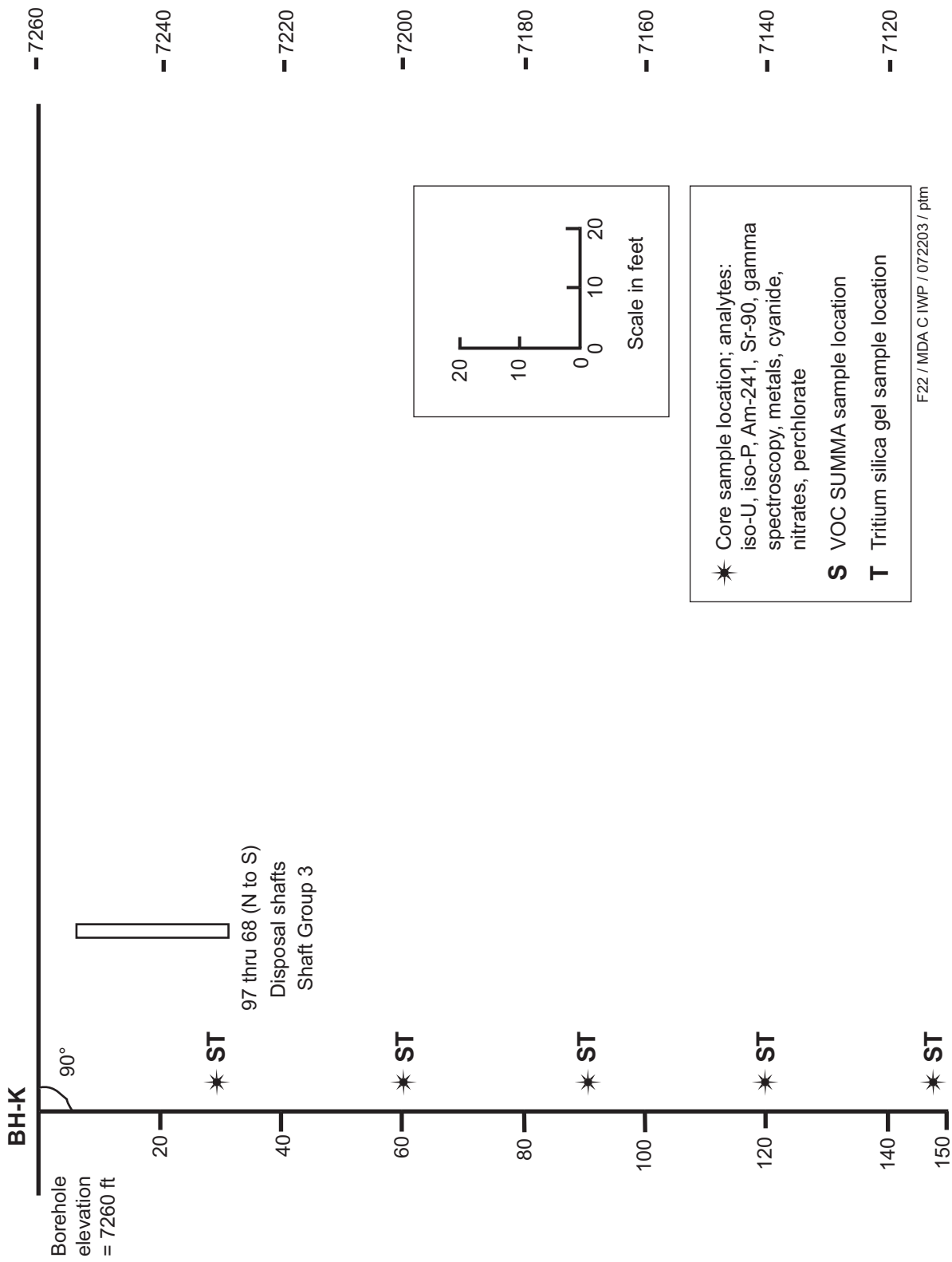


Figure 22. Profile of borehole K at MDA C with planned sample locations

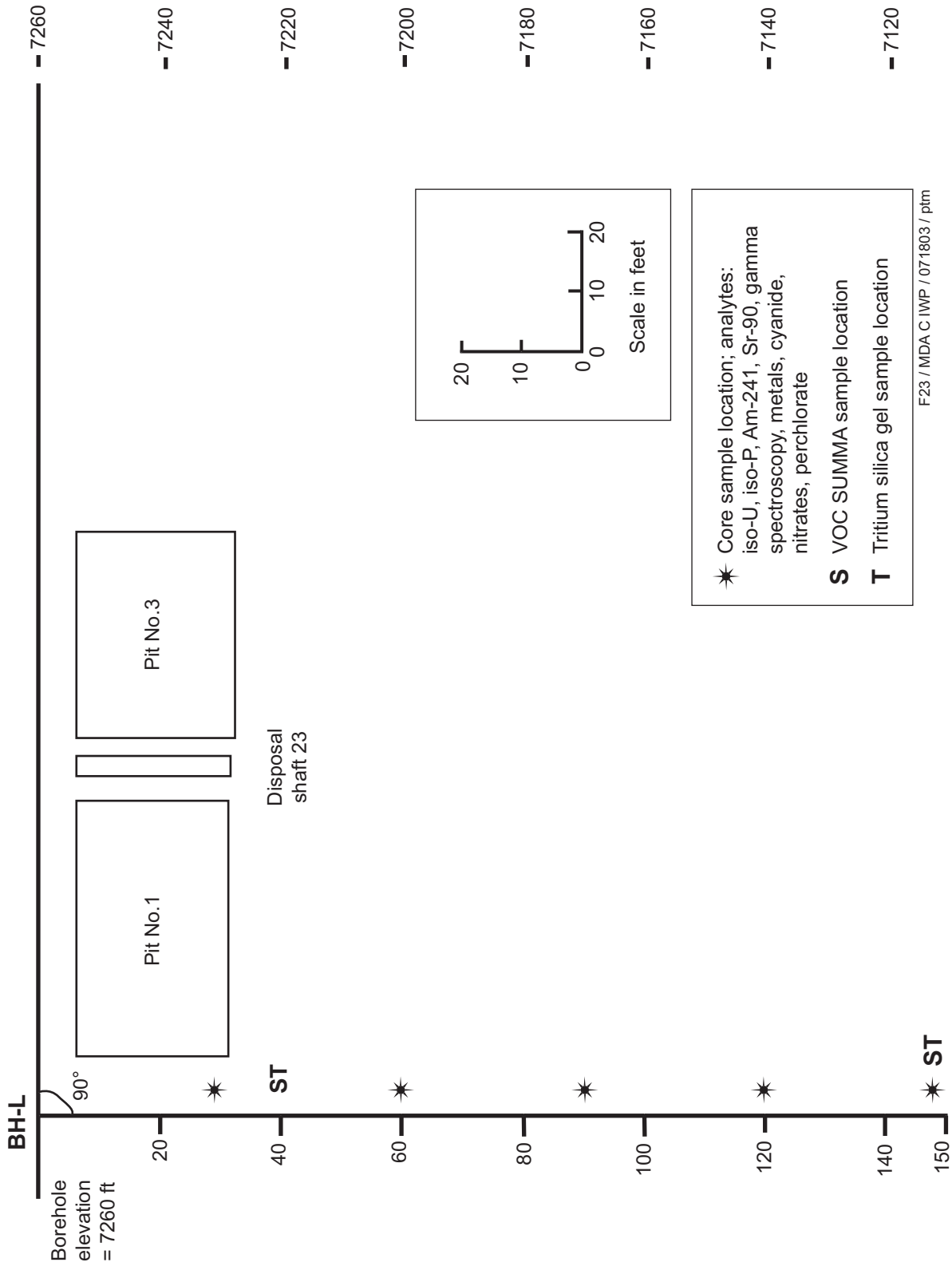


Figure 23. Profile of borehole L at MDA C with planned sample locations

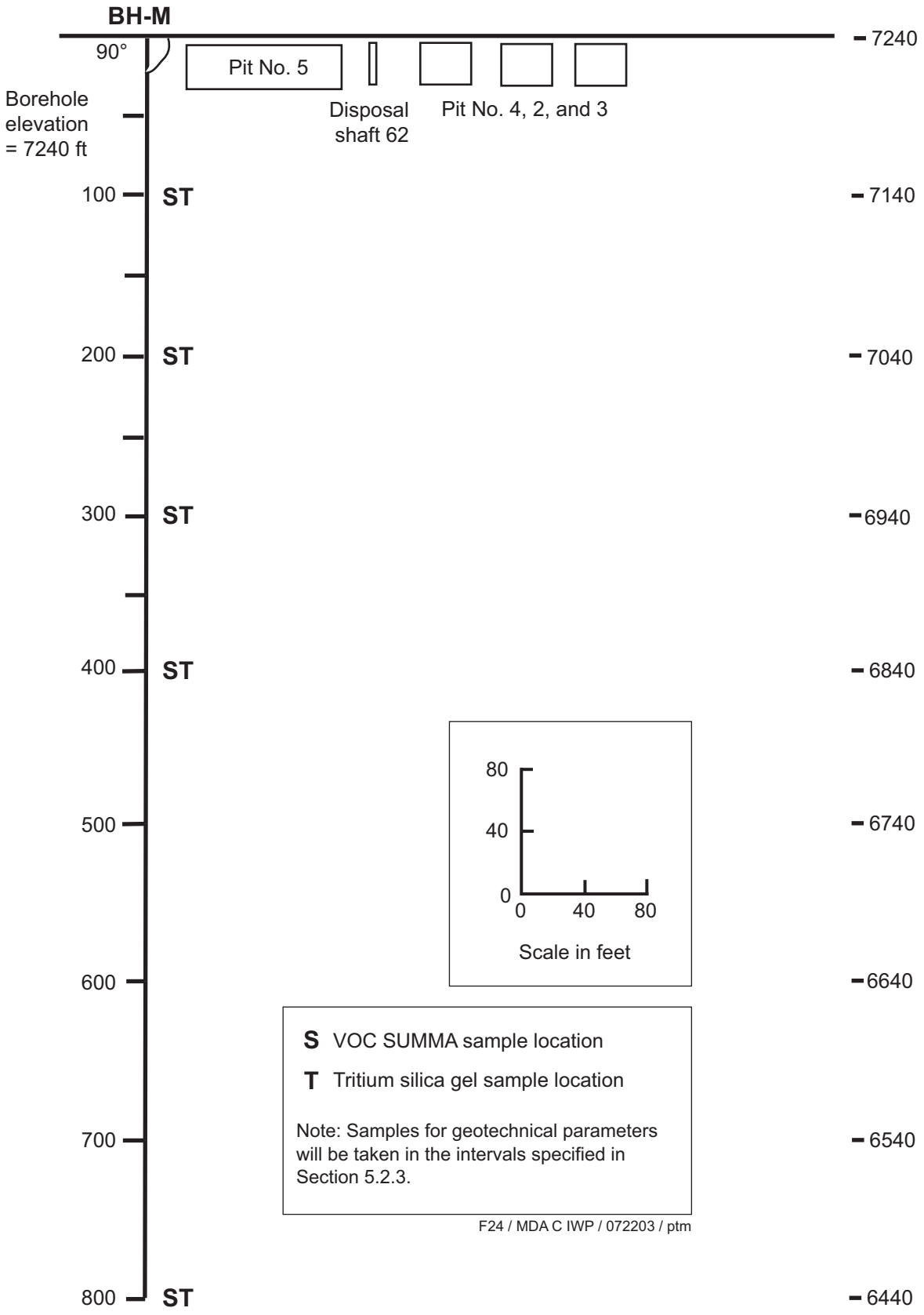


Figure 24. Profile of borehole M at MDA C with planned sample locations

Table 1
Dimensions of the Disposal Units at MDA C

Disposal Unit	Dimensions[a] (ft)	Period of Operations
Pit 1	610 x 40 x 25	1948–1951
Pit 2	610 x 40 x 25	1950–1951
Pit 3	610 x 40 x 25	1951–1953
Pit 4	610 x 40 x 25	1951–1955
Pit 5	705 x 110 x 18	1953–1959
Pit 6	505 x 100 x 25	1956–1959
Chemical Pit	180 x 25 x 12	1960–1964
Shaft Group 1 (12 [Shafts 56–67])	2 x 10	1959
Shaft Group 2 (55 [Shafts 1–55])	2 x 15	1959–1967
Shaft Group 3 (40 [Shafts 68–107])	1–2 x 20–25	1962–1966
Shaft 108 (Strontium-90 Disposal Shaft)	Unknown	1950s or 1960s

[a] As stated in Table 2-11 of the OU 1147 Work Plan, pit dimensions are length by width by depth; shaft dimensions are diameter by depth (LANL 1992, 07672). Dimensions are approximate.

[b] Shafts 98–107 are 1 ft in diameter and lined with 12-in.-thick concrete. Shafts 68–97 are 2 ft in diameter and unlined.

Table 2
Inorganic Chemicals and Radionuclides Detected Above BVs Beneath Pit 6 at MDA C

Location ID	Depth (ft)	Sample ID	Aluminum	Arsenic	Barium	Calcium	Cyanide (Total)	Cobalt	Chromium	Copper	Magnesium	Nickel	Lead
		QBT 2,3,4 BV	**7340**	**2.79**	**46**	**2200**	**na[a]**	**3.14**	**7.14**	**4.66**	**1690**	**6.58**	**11.2**
50-09101	15–17	0550-95-0284	—[b]	—	—	—	10.2	—	—	—	—	—	—
50-09101	26.85–27.85	0550-96-0101	—	—	—	—	—	—	—	—	—	—	—
50-09101	35–36.2	0550-95-0289	—	—	—	—	6.2	—	—	—	—	—	—
50-09101	44–45.1	0550-96-0102	—	—	—	—	—	—	—	—	—	—	—
50-09101	55–55.7	0550-95-0294	—	—	—	—	0.92	—	—	—	—	—	—
50-09101	62.5–63.2	0550-96-0103	—	—	—	—	—	—	—	—	—	—	—
50-09101	75–77	0550-95-0299	—	—	—	—	—	—	—	—	—	—	—
50-09101	96–98	0550-95-0304	—	—	—	—	—	—	—	—	—	—	—
50-09101	112–114.5	0550-95-0309	—	—	—	—	—	—	—	—	—	—	—
50-09107	14–15.8	0550-95-0166	—	—	—	—	—	—	—	—	—	—	—
50-09107	36–39	0550-95-0171	—	—	—	—	—	—	—	—	—	—	—
50-09107	46.9–48.5	0550-96-0107	—	2.8	—	—	—	—	—	—	—	—	—
50-09107	57–59	0550-95-0176	—	—	—	—	—	—	—	—	—	—	—
50-09107	66.2–67	0550-96-0108	—	—	—	—	—	—	—	—	—	—	—
50-09107	75–78.6	0550-95-0181	—	—	—	—	—	—	—	—	—	—	—
50-09107	95–97	0550-95-0186	—	—	—	—	—	—	—	—	—	—	—
50-09107	108–111	0550-95-0191	—	—	—	—	—	—	—	—	—	—	—
50-09108	15–16.8	0550-95-0195	—	—	—	—	—	—	—	—	—	—	65
50-09108	24.5–25.5	0550-96-0109	—	—	—	—	—	—	—	—	—	—	—
50-09108	37–38.6	0550-95-0200	—	—	—	—	—	—	—	—	—	—	22
50-09108	44.9–45.9	0550-96-0110	—	—	—	—	—	—	—	—	—	—	—

Table 2 (continued)

Location ID	Depth (ft)	Sample ID	Aluminum	Arsenic	Barium	Calcium	Cyanide (Total)	Cobalt	Chromium	Copper	Magnesium	Nickel	Lead
50-09108	57–59	0550-95-0205	—	—	—	—	—	—	—	—	—	—	—
50-09108	76.6–78.6	0550-95-0210	—	—	—	—	—	—	—	—	—	—	—
50-09108	95.5–97.5	0550-95-0215	—	—	—	—	1	—	—	—	—	—	—
50-09108	112–115	0550-95-0220	—	—	—	—	—	—	—	—	—	—	—
50-09109	18.2–20.2	0550-95-0226	—	—	—	—	—	—	—	—	—	—	—
50-09109	34.1–36	0550-95-0231	—	—	100	—	—	—	—	11	—	—	41
50-09109	46–47	0550-96-0111	—	—	—	—	—	—	—	—	—	—	—
50-09109	57.8–60	0550-95-0236	—	—	—	—	—	—	—	—	—	—	—
50-09109	66–67	0550-96-0112	7900	—	71.6	73900	—	3.8	12.7	30.7	2690	13.2	11.3
50-09109	77.4–79.7	0550-95-0246	—	—	—	—	—	—	—	—	—	—	—
50-09109	88.6–88.8	0550-95-0251	—	—	—	—	—	—	—	—	—	—	—
50-09109	113–114.7	0550-95-0241	—	—	—	—	—	—	—	—	—	—	—
50-09110	17–19	0550-95-0259	—	—	—	—	—	—	—	—	—	—	—
50-09110	24.1–24.8	0550-96-0113	—	—	—	—	—	—	—	—	—	—	—
50-09110	38–40	0550-95-0264	—	—	—	—	3.9	—	—	—	—	—	—
50-09110	48.5–49.5	0550-96-0114	—	—	—	—	—	—	—	—	—	—	—
50-09110	59–60.8	0550-95-0269	—	—	—	—	—	—	—	—	—	—	75.20
50-09110	74–76.6	0550-95-0274	—	—	—	—	—	—	—	—	—	—	—
50-09110	88–89.4	0550-95-0279	—	—	—	—	—	—	—	—	—	—	—

Table 2 (continued)

Location ID	Depth (ft)	Sample ID	Antimony	Selenium	Thallium	Americium-241	Cesium-134	Tritium (pCi/mL)	Sodium-22	Plutonium-238	Strontium-90	Uranium-235	Uranium-238
		QBT 2,3,4 BV	**0.5**	**0.3**	**1.1**	**na**	**na**	**na**	**na**	**na**	**na**	**0.09**	**1.93**
50-09101	15–17	0550-95-0284	—	—	—	0.02	—	2.86	—	—	—	—	—
50-09101	26.85–27.85	0550-96-0101	—	—	—	—	—	—	—	—	—	0.22	—
50-09101	35–36.2	0550-95-0289	—	—	—	0.02	—	7.33	—	—	—	—	—
50-09101	44–45.1	0550-96-0102	—	—	—	—	—	—	—	—	—	0.22	—
50-09101	55–55.7	0550-95-0294	—	—	—	—	—	7.77	—	—	—	—	—
50-09101	62.5–63.2	0550-96-0103	—	—	—	—	—	—	—	—	—	0.22	—
50-09101	75–77	0550-95-0299	—	—	—	—	—	7.5	—	—	—	—	—
50-09101	96–98	0550-95-0304	—	0.35	—	—	—	5.63	—	—	—	—	—
50-09101	112–114.5	0550-95-0309	—	—	—	0.01	—	47.5	—	—	—	—	—
50-09107	14–15.8	0550-95-0166	—	—	—	0.01	—	12.05	—	—	—	—	—
50-09107	36–39	0550-95-0171	—	—	—	—	—	10372.71	—	—	—	—	—
50-09107	46.9–48.5	0550-96-0107	—	1.1	—	—	—	—	—	—	—	0.2	—
50-09107	57–59	0550-95-0176	—	—	—	—	—	649261	—	—	—	—	—
50-09107	66.2–67	0550-96-0108	—	—	—	—	—	—	—	—	—	0.23	—
50-09107	75–78.6	0550-95-0181	—	—	—	0.007	—	207792	—	—	—	—	—
50-09107	95–97	0550-95-0186	—	—	—	0.009	—	13826.82	—	—	—	—	—
50-09107	108–111	0550-95-0191	—	—	—	0.03	—	581.52	—	—	—	—	—
50-09108	15–16.8	0550-95-0195	—	—	—	—	—	3.08	—	—	—	—	—
50-09108	24.5–25.5	0550-96-0109	—	—	—	—	0.29	—	—	—	—	0.22	—
50-09108	37–38.6	0550-95-0200	—	—	—	—	—	12.02	—	—	—	—	—
50-09108	44.9–45.9	0550-96-0110	—	—	—	—	—	—	—	—	—	0.22	—
50-09108	57–59	0550-95-0205	—	—	—	—	—	5.46	—	—	—	—	—
50-09108	76.6–78.6	0550-95-0210	—	—	—	—	—	388.83	—	—	—	—	—

Table 2 (continued)

Location ID	Depth (ft)	Sample ID	Antimony	Selenium	Thallium	Americium-241	Cesium-134	Tritium (pCi/mL)	Sodium-22	Plutonium-238	Strontium-90	Uranium-235	Uranium-238
50-09108	95.5–97.5	0550-95-0215	—	—	—	—	—	974	—	0.01	0.44	—	—
50-09108	112–115	0550-95-0220	—	—	—	—	—	1660	—	—	—	—	—
50-09109	18.2–20.2	0550-95-0226	—	—	—	—	—	4.63	—	—	1.44	—	2.36
50-09109	34.1–36	0550-95-0231	11	—	—	—	—	10.3	—	—	—	—	—
50-09109	46–47	0550-96-0111	—	—	—	—	—	—	—	—	—	0.21	—
50-09109	57.8–60	0550-95-0236	—	—	—	—	—	11.6	—	—	—	—	—
50-09109	66–67	0550-96-0112	—	1.3	1.4	—	—	—	—	—	—	0.21	—
50-09109	77.4–79.7	0550-95-0246	—	—	—	—	—	6.05	—	—	—	—	—
50-09109	88.6–88.8	0550-95-0251	—	—	—	—	—	5220	—	—	—	—	—
50-09109	113–114.7	0550-95-0241	—	—	—	—	—	5.43	0.06	—	—	—	—
50-09110	17–19	0550-95-0259	—	—	—	—	—	210	—	—	—	—	—
50-09110	24.1–24.8	0550-96-0113	—	—	—	—	—	—	—	—	—	0.22	—
50-09110	38–40	0550-95-0264	3.1	—	—	—	—	36200	—	—	—	—	—
50-09110	48.5–49.5	0550-96-0114	—	—	—	—	—	—	—	—	—	0.21	—
50-09110	59–60.8	0550-95-0269	—	—	—	—	—	4750	—	—	—	—	—
50-09110	74–76.6	0550-95-0274	—	—	—	—	—	61.4	—	—	—	—	—
50-09110	88–89.4	0550-95-0279	—	—	—	—	—	6.72	—	—	—	—	—

Note: Metal results are in mg/kg, and radionuclide results are in pCi/g, except tritium, which is in pCi/mL.

[a] NA = Not available.

[b] — = Not detected above BV.

Table 3
Summary of Revised Borehole Sampling

Borehole	Angle	Depth (ft)	Length (ft)	Number of Core Samples	Analytical Suites for Core Samples	Number of Subsurface Vapor Samples	Analytical Suites for Vapor Samples	Rationale for Location
A	45	140	200	9 2	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff. Dioxins, furans	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath Chemical Pit. Support extent of contamination at western end of Pit 6, especially 50-09109.
B	45	140	200	9	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath eastern end of Pit 6 (downgradient), especially beneath area of subsidence.
C	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath western end of Pit 5.
D	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath east-central area of Pit 5 (downgradient). Evaluate VOC tuff pore gas concentrations beneath area of high EMFLUX® surface flux.
E	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath Shaft Group 2.
F	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath central area of Pits 2 and 4.
G	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath eastern area of Pits 2 and 4 (downgradient).

Table 3 (continued)

Borehole	Angle	Depth (ft)	Length (ft)	Number of Core Samples	Analytical Suites for Core Samples	Number of Subsurface Vapor Samples	Analytical Suites for Vapor Samples	Rationale for Location
H	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath Sr-90 disposal shaft and southern portion of Shaft Group 3. Drilling from near Pajarito Road. prohibited by utilities.
I	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath eastern area of Pits 1 and 3 (downgradient).
J	45	140	200	8	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	2	SUMMA VOC, tritium vapor on silica gel	Establish nature and extent of contamination beneath eastern end of Shaft Group 1. No access to other portions of Shaft Group 1 because of Shaft Group 3 position and utilities along Pajarito Road.
K	90	150	150	5	Iso-U, iso-Pu, Am-241, Sr-90, gamma spectroscopy, metals, cyanide, nitrates, perchlorate in tuff.	5	SUMMA VOCs, tritium vapor on silica gel	Northern portion of Shaft Group 3 is potential source of near-surface tritiated water vapor measured at 50-03-21467; establish nature and extent of contamination at the north end of Shaft Group 3.
L	90	150	150	5	Iso-U, iso-Pu, Am-241, Sr-90, tritium, gamma spectroscopy, metals, cyanide, nitrates, perchlorate.	2	SUMMA VOCs, tritium vapor on silica gel	Establish nature and extent of contamination beneath central area of Pit 1. Angled drilling from near Pajarito Road prohibited by utilities.
M	90	800	800	—	Geotechnical parameters: • Moisture and matric potential every 5 ft • Chloride analysis every 20 ft • Hydraulic conductivity, porosity, and bulk density—2 in Cerro Toledo interval, 5 in the Otowi Member, and 5 in Puye Formation	5	SUMMA VOCs, tritium vapor on silica gel	Evaluate possible presence of perched water in an area near Ten Site Canyon. Evaluate vertical extent of VOCs and tritium in pore gas near borehole 50-09100. Obtain geotechnical data for modeling vadose-zone transport at MDA C.

Appendix A

Acronyms, Glossary, and Metric Conversion Table

APPENDIX A ACRONYMS, GLOSSARY, AND METRIC CONVERSION TABLE

ACRONYMS

AB	authorization basis
AIRNET	air monitoring network
AOC	area of concern
ARS	American Radiation Services of New Mexico
B&K	Brüel and Krajer
bgs	below ground surface
BMP	best management practice
BV	background value
CFR	code of federal regulations
CMR	Chemistry and Metallurgy Research
CMS	corrective measure study
CSM	conceptual site model
COPC	chemical of potential concern
COPEC	chemical of potential ecological concern
CSM	conceptual site model
D&D	decontamination and decommissioning
DCF	dose conversion factor
DL	detection limit
DOE	(US) Department of Energy
dpm	disintegrations per minute
DQO	data quality objective
DU	depleted uranium
EM	electromagnetic
EM	Environmental Management
EPA	(US) Environmental Protection Agency
ER	Environmental Restoration (Project)
ESH	Environmental, Safety, and Health
ESL	ecological screening level
ESR	environmental surveillance report
EQL	estimated quantitation limit
FGR	federal guidance report
FWO-WFM	Facility Waste Operations–Waste Facility Management
FV	fallout value

FY	fiscal year
GIS	geographic information system
GPR	ground-penetrating radar
GPS	global-positioning system
HE	high explosive
HEAST	health effects assessment summary tables
HI	hazard index
HIR	historical investigation report
HQ	hazard quotient
HSWA	Hazardous and Solid Waste Amendments of 1984
ICPES	inductively coupled plasma emission spectroscopy
ICPMS	inductively coupled plasma/mass spectrometry
ICR	incremental cancer risk
IDW	investigation-derived waste
IRIS	integrated risk information system
IWP	investigation work plan
LANL	Los Alamos National Laboratory
LASL	Los Alamos Scientific Laboratory (designation of the Laboratory before January 1, 1981)
LLW	low-level waste
MAP	mixed activation products
mb	millibar
MCAL	mobile chemical analysis laboratory
MDA	material disposal area
MDL	method detection limit
MFP	mixed fission products
MRAL	mobile radiological analysis laboratory
msl	mean sea level
MTADS	multisensor towed array detection system
NCEA	National Center for Environmental Assessment
NFA	no further action
NOD	notice of deficiency
NMED	New Mexico Environmental Department
NMEID	New Mexico Environmental Improvement Division (title of NMED before January 1, 1991)
NMHWA	New Mexico Hazardous Waste Act

OU	operable unit
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PID	photo-ionization detector
PN	property number
PQL	practical quantitation limit
ppbv	parts per billion by volume
ppm	parts per million
ppmv	parts per million by volume
PQL	practical quantitation limit
PRS	potential release site
QA	quality assurance
QC	quality control
RDX	1,3,5-trinitro-1,3,5-triazacyclohexane
RESRAD	residual radioactive material (computer code)
RfD	reference dose
RCRA	Resource Conservation and Recovery Act
RFI	RCRA facility investigation
RLWTF	radioactive liquid waste treatment facility
RRES	Risk Reduction and Environmental Stewardship
RRES-MAQ	Risk Reduction and Environmental Stewardship–Meteorology and Air Quality
RRES-RS	Risk Reduction and Environmental Stewardship–Remediation Services
RRES-SWRC	Risk Reduction and Environmental Stewardship–Solid Waste Regulatory Compliance
RRES-WQH	Risk Reduction and Environmental Stewardship–Water Quality and Hydrology
SAL	screening action level
SAP	sampling and analysis plan
SAR	safety analysis report
scfm	standard cubic feet per minute
SF	slope factor
SMO	Sample Management Office
SOP	standard operating procedure
SVOC	semivolatile organic compound
SWMU	solid waste management unit
SWPPP	Storm Water Pollution Prevention Plan
T&E	threatened and endangered
TA	technical area

TAL	target analyte list (EPA)
TCA	1,1,1-trichloroethane
TCE	trichloroethene
TLD	thermoluminescent dosimeters
TNT	trinitrotoluene
TRU	transuranic
TSCA	Toxic Substances Control Act
TW	test well
TWISP	Transuranic Waste Inspection and Storage Project
UCL	upper confidence limit
USGS	United States Geological Survey
UTL	upper tolerance limit
VOC	volatile organic compound
WMP	Water Management Plan (ER project)

GLOSSARY

Background value (BV). The upper tolerance limits (UTLs) of background sample results, calculated as the upper 95% confidence limit for the 95th percentile. When a UTL cannot be calculated, either the detection limit or the maximum reported value is used as a BV; BVs are used as simple threshold numbers to identify potentially contaminated site sample results that are greater than background levels in that geological sample medium (or group of media). Most inorganic chemicals and radionuclides have BVs.

Baseline risk assessment (also known as risk assessment). A site-specific analysis of the potential adverse effects of hazardous substances that are released from a site in the absence of any control or mitigation actions. A baseline risk assessment consists of four steps: data collection and analysis, exposure assessment, toxicity assessment, and risk characterization.

Calibration. Process used to identify the relationship between the true (reference) analyte concentration or other variable and the response of a measurement instrument, chemical analysis method, or other measurement systems.

Chemical of potential concern (COPC). A chemical detected at a site that has the potential to adversely affect human *receptors* because of its concentration, distribution, and mechanism of toxicity. A COPC remains a concern until *exposure* pathways and receptors are evaluated in a site-specific human health risk assessment.

Chemical of potential ecological concern (COPEC). A chemical detected at a site that has the potential to adversely affect ecological *receptors* because of its concentration, distribution, and mechanism of toxicity.

Data validation. Systematic process that applies a defined set of performance-based criteria to a body of data and may result in qualification of the data. The data validation process is performed independently of the analytical laboratory that generates the data set and occurs before conclusions are drawn from the data. The process may comprise a standardized data review (routine data validation) and/or a problem-specific data review (focused data validation).

Department of Energy (DOE). Federal agency that sponsors energy research and regulates nuclear materials for weapons production.

Detection limit (DL). Minimum concentration that can be determined by a single measurement by an instrument; it implies a specified statistical confidence that the analytical concentration is greater than zero.

Dose. Quantity of radiation that is absorbed, per unit of mass, by the body or by any portion of the body.

Ecological screening level (ESL). An organism's exposure-response threshold for a given chemical constituent. The concentration of a substance in a particular medium corresponds to a hazard quotient (HQ) of 1.0 for a given organism below which no risk is indicated.

Environmental Protection Agency (EPA). Federal agency responsible for enforcing environmental laws. While state regulatory agencies may be authorized to administer some of this responsibility, the EPA retains oversight authority to ensure protection of human health and the environment.

Groundwater. Water in a subsurface saturated zone; water beneath the regional water table.

Hazard index (HI). The sum of hazard quotients for multiple contaminants to which a receptor (j) is determined to be exposed, i.e., HIj = åI HQij.

Hazard quotient (HQ). The ratio of a calculated exposure (E) to or *dose* (D) from a given *contaminant* (I) to a given *receptor* (j) over a reference value (TRV) for contaminant (I) determined to be protective of receptor (j), i.e., HQij = Eij [or Dij] TRVij.

Migration. The movement of inorganic and organic species through unsaturated or saturated materials.

Model. A mathematical approximation of a physical, biological, or social system.

National Pollutant Discharge Elimination System (NPDES). The national program for both issuing, modifying, revoking and reissuing, terminating, monitoring, and enforcing permits and imposing requirements under Sections 307, 318, 402, and 405 of the Clean Water Act.

Polychlorinated biphenyls (PCBs). Any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances containing such substances. PCBs are colorless, odorless compounds that are chemically, electrically, and thermally stable and have proven to be toxic to both humans and animals.

Quality assurance (QA). All those planned and systematic actions necessary to provide adequate confidence that a facility, structure, system, or component will perform satisfactorily in service.

Quality control (QC). (1) All those actions necessary to control and verify the features and characteristics of a material, process, product, or service to specified requirements. QC is the process through which actual quality performance is measured and compared with standards. (2) All methods and procedures used to obtain accurate and reliable results from environmental sampling and analysis. Includes rules for when, where, and how samples are taken; sample storage, preservation and transport; and the use of blanks, duplicates, and split samples during the analysis.

Radionuclide. A nuclide (species of atom) that exhibits radioactivity.

RCRA facility investigation (RFI). The investigation that determines if a *release* has occurred and the nature and extent of the contamination from such a release at a hazardous waste facility. The RFI is generally equivalent to the remedial investigation portion of the Comprehensive Environment Response, Compensation, and Liability Act (CERCLA) process.

Receptor. A person, plant, animal, or geographical location that is exposed to a chemical or physical agent released to the environment by human activities**.**

Regional aquifer. Geologic material(s) or unit(s) of regional extent whose saturated portion yields significant quantities of water to wells, contains the regional zone of saturation, and is characterized by the regional water table or potentiometric surface.

Release. Any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing of hazardous waste or hazardous constituents into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles that contain any hazardous wastes or hazardous constituents).

Resource Conservation and Recovery Act (RCRA). The Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act of 1976. (40 CFR 270.2)

Sample. A portion of a material (e.g., rock, soil, water, air), which, alone or in combination with other samples, is expected to be representative of the material or area from which it is taken. Samples are typically sent to a laboratory for analysis or inspection or are analyzed in the field. When referring to samples of environmental media, the term “field sample” may be used.

Screening action level (SAL). Medium-specific concentration level for a chemical derived using conservative criteria below which it is generally assumed that there is no potential for unacceptable *risk* to human health. The derivation of a SAL is based on conservative exposure and land-use assumptions. However, if an applicable regulatory standard exists that is less than the value derived by risk-based computations, it will be used for the SAL.

Screening assessment. A process designed to determine whether contamination detected in a particular medium at a site may present a potentially unacceptable human-health and /or ecological risk. The assessment utilizes screening levels that are either human-health or ecologically based concentrations derived by using chemical-specific toxicity information and standardized exposure assumptions below which no additional actions are generally warranted.

Sediment. (1) A mass of fragmented inorganic solid that comes from the weathering of rock and is carried or dropped by air, water, gravity, or ice; or a mass that is accumulated by any other natural agent and that forms in layers on the earth’s surface such as sand, gravel, silt, mud, fill, or loess. (2) A solid material that is not in solution and either is distributed through the liquid or has settled out of the liquid.

Site conceptual model. A qualitative or quantitative description of sources of contamination, environmental transport pathways for contamination, and biota that may be impacted by contamination (called receptors) and whose relationships describe qualitatively or quantitatively the release of contamination from the sources, the movement of contamination along the pathways to the exposure points, and the uptake of contaminant by the receptors.

Standard operating procedure (SOP). A document that details the method for an operation, *analysis*, or action with thoroughly prescribed techniques and steps, and is officially approved as the method for performing certain routine or repetitive tasks.

Target analyte. An element, chemical, or parameter, the concentration, mass, or magnitude of which is designed to be quantified by use of a particular test method.

Technical area (TA). The Laboratory established technical areas as administrative units for all its operations.

Topography. The physical configuration of the land surface in an area.

Tuff. A compacted deposit of volcanic ash and dust that contains rock and mineral fragments accumulated during an eruption.

US Department of Energy (DOE). Federal agency that sponsors energy research and regulates nuclear materials for weapons production. [Already listed under DOE]

US Environmental Protection Agency (EPA). Federal agency responsible for enforcing environmental laws. While state regulatory agencies may be authorized to administer some of this responsibility, the EPA retains oversight authority to ensure protection of human health and the environment.[Already listed above]

Vadose zone. The unsaturated zone. Portion of the subsurface above the water table in which pores are not fully saturated.

A-3.0 METRIC CONVERSION TABLES

Metric to English Conversions

Multiply SI (Metric) Unit	by	To Obtain US Customary Unit
kilometers (km)	0.622	miles (mi)
kilometers (km)	3281	feet (ft)
meters (m)	3.281	feet (ft)
meters (m)	39.37	inches (in.)
centimeters (cm)	0.03281	feet (ft)
centimeters (cm)	0.394	inches (in.)
millimeters (mm)	0.0394	inches (in.)
micrometers or microns (µm)	0.0000394	inches (in.)
square kilometers (km^2)	0.3861	square miles (mi^2)
hectares (ha)	2.5	acres
square meters (m^2)	10.764	square feet (ft^2)
cubic meters (m^3)	35.31	cubic feet (ft^3)
kilograms (kg)	2.2046	pounds (lb)
grams (g)	0.0353	ounces (oz)
grams per cubic centimeter (g/cm^3)	62.422	pounds per cubic foot (lb/ft^3)
milligrams per kilogram (mg/kg)	1	parts per million (ppm)
micrograms per gram (µg/g)	1	parts per million (ppm)
liters (l)	0.26	gallons (gal.)
milligrams per liter (mg/l)	1	parts per million (ppm)
degrees Celsius (°C)	9/5 + 32	degrees Fahrenheit (°F)

Appendix B

Historical Investigation Report

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APPENDIX B HISTORICAL INVESTIGATION REPORT

This historical investigation report (HIR) provides a summary of the field investigations and associated environmental data collected to date for material disposal area (MDA) C. The purpose of the HIR is to provide supporting information for the identification of data gaps and the proposed sampling design necessary to complete the MDA C investigation as presented in Section 4 of the Investigation Work Plan (IWP).

B-1.0 MDA C DISPOSAL UNIT INFORMATION (OPERATIONAL HISTORY)

MDA C operated from May 1948 to April 1974 but received waste only intermittently from 1968 to 1974 before it was decommissioned in 1974. Wastes disposed at MDA C included liquids, solids, and gases generated from a broad range of nuclear energy research and development activities conducted at the former Los Alamos Scientific Laboratory (LASL), now the Los Alamos National Laboratory (LANL or the Laboratory), including uncontaminated classified materials, metals, hazardous materials, and radionuclides. MDA C consists of seven pits, with depths ranging from 12 to 25 ft below the original ground surface and 108 shafts with depths ranging from 10 to 25 ft below the original ground surface. The dimensions of pits and shafts are listed in Table B-1 based on LASL Engineering Drawing ENG-R 1264 (LASL 1970, 76047). The pits and shafts were excavated into the overlying soil and the Tshirege Member of the Bandelier Tuff and were unlined except for Shafts 98-107, which were lined with 12-in. thick concrete. Permanent markers consisting of metal stakes with numbered tags were placed next to each shaft in 1959. Shafts were sealed by filling them with crushed tuff followed by concrete (Rogers 1977, 0216). Pits were filled with crushed tuff when they were decommissioned.

Fill dirt was used to cover the material disposed in the pits as they were being filled. The dirt acted as a temporary cover. A 1959 memo indicates that Pit 6 received approximately 10,000 yd^3 of waste and 24,000 yd^3 of fill dirt, an approximate ratio of 2.5 yd^3 of fill to 1.0 yd^3 of waste material that was typical of MDA C operations (Rogers 1977, 0216). When MDA C was decommissioned in 1974, most of the surface was covered with crushed tuff and fill, and the new surface was recontoured and seeded with a native grama grass mixture.

B-1.1 Waste Inventory and Disposal History

Waste disposal records for MDA C from 1948 to 1974 are found in LASL logbooks 2587, 3478, 4644, 6030, 7277, 8453, 9293, 9593, and 12422 (LANL 2003, 76035). These logbooks were used to record information on the type, date, location, and volume of waste placed in MDA C. Records prior to 1954 are incomplete and most logbook entries contain only brief descriptions of the wastes disposed at MDA C. Historical reports (Rogers, 1977, 0216) indicate that it was common practice for chemicals to be burned in the chemical disposal pit at MDA C. Hazardous constituents and uncontaminated classified material were buried with radioactive contaminated material. Routine radioactive contaminated trash disposed at MDA C consisted of cardboard boxes, 5-mil plastic bags of waste generated in LASL chemistry labs, and 55-gal. barrels of sludge from wastewater treatment plants at Building 35 at TA-21, DP West/TA-21, and TA-45. Nonroutine contaminated waste included debris from the demolition of Bayo site and TA-1, classified materials, and tuballoy chips (Rogers 1977, 0216). Waste inventory information gleaned from the logbooks is summarized in the approved Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) work plan for operable unit (OU) 1147 (LANL 1992, 07672). The logbooks are currently being reviewed to estimate the specific quantities of individual contaminants in the MDA C disposal inventory. An updated inventory will be presented in the MDA C Investigation Report.

B-1.1.1 MDA C Disposal Pit Inventory

Disposal pits at MDA C were used to dispose of hazardous wastes, uncontaminated classified materials, and radioactive materials. Operating dates for each disposal pit and a discussion of the waste inventory for each disposal pit compiled from disposal records for MDA C follows.

Pit 1 (Nov 1948–Sept 1951)

From LASL logbooks 2587 and 3478: trichloroethylene, boron, sulfuric acid, graphite, medical laboratory solutions, contaminated materials and trash, tritium, americium-241, uranium, classified material, plutonium, cyanide, mercury, radium-226, acids, lead, and waste oil.

Pit 2 (Apr 1950–Sept 1951)

From LASL logbooks 2587 and 3478: trichloroethylene and contaminated materials and trash, boron, tritium, americium-241, uranium, sulfuric acid, biological waste, graphite, classified material, plutonium, cyanide, mercury, radium-226, acids, lead, and waste oil.

Pit 3 (Oct 1951–Apr 1953)

From LASL logbooks 4644: mercury teplers, tritium-contaminated glassware, cyanide solutions, contaminated materials and trash, trichloroethylene (TCE), boron, americium-241, uranium, sulfuric acid, biological waste, graphite, classified material, plutonium, radium-226, acids, lead, waste oil, and beryllium.

Pit 4 (Oct 1951–Feb 1955)

From LASL logbooks 4644 and 6030: tritium-contaminated glassware, boxes and urine samples, mercury teplers, actinium-227, vials of radium-226, cyanide and cyanide solutions, a 5-gal. can of actinium waste, empty bottles, contaminated materials and trash, TCE, boron, americium-241, uranium, sulfuric acid, biological waste, graphite, classified material, plutonium, acids, lead, waste oil, silver, and beryllium.

Pit 5 (Apr 1953–Sept 1959)

From LASL logbooks 6030, 7277, and 9593: batteries (acids and lead), a 5-gal. can of actinium-227 waste, lead bricks, vials of radium-226, zirconium shavings, cyanide and cyanide solutions, radionuclide-contaminated waste oil, empty bottles, silver nitrate, beryllium chips, tritium-contaminated boxes and urine samples, contaminated materials and trash, TCE, boron, americium-241, uranium, sulfuric acid, biological waste, graphite, classified material, and plutonium.

Pit 6 (Oct 1956–Sept 1959)

From LASL logbooks 9593, 11363, and 9293: radionuclide-contaminated oil, tritium-contaminated oil, copper sheets, cobalt chips, bottles of cadmium boron tungstate, tritium-contaminated boxes and cans, a can of oil, approximately 100 curies (Ci) of source-strength cobalt-60, a lanthanum source, 10 bottles of platinum chloride, beryllium chips, carbon-14-contaminated graphite, a plutonium slug, contaminated materials and trash, TCE, boron, americium-241, uranium, sulfuric acid, biological waste, classified material, mercury, actinium-227, radium-226, acids, and lead.

Chemical Pit (early 1960–June 1964)

No logbook entries were made for specific wastes disposed of in the Chemical Pit at MDA C. The following quotes were recorded in the approved RFI Work Plan for OU 1147 (LANL 1992, 07672): the area "was used for burial of a variety of chemicals, pyrophoric metals, natural uranium powders and hydrides, sealed vessels containing sodium-potassium alloy, compressed gases, and unspecified equipment. . . .Undoubtedly, some plutonium- and uranium-contaminated objects were inadvertently placed in the pit. . . .No high explosives were ever interred in this pit. . . .Low-level radioactive waste placed in the pit may have included cardboard boxes containing materials from the chemistry labs, as well as 55-gal. barrels of sludge from the waste treatment plants at Building 35, DP West, and TA-45."

B-1.1.2 MDA C Disposal Shaft Inventory

The disposal shafts at MDA C were primarily used for disposal of beta- and gamma-contaminated waste from the Chemical Metallurgy Research Building at TA-35; however, other Laboratory groups used the MDA C shafts for waste disposal. The activity of solid radioactive wastes disposed in the MDA C shafts between 1959 and 1972, decay-corrected to January 1989, includes 20,000 Ci tritium, 0.58 Ci sodium-22, 2.4 Ci cobalt-60, 21 Ci strontium-90/yttrium-90, 1 Ci radium-226, 5 Ci uranium-233, <0.1 Ci uranium-234, -235, -236, and -238, 50 Ci fission products, and 200 Ci of activation products. All of the shafts were unlined with the exception of shafts 98–107, which were lined with 12-in. thick concrete. A single disposal shaft was drilled at MDA C solely for disposing of a single strontium-90 source in the 1950s or 1960s.Three groups of shafts were used sequentially over time. The Shaft Group 1 consists of 12 shafts numbered 56–67. These shafts were originally numbered 1–12; however, they were renumbered in 1962 to be sequential with subsequent shafts.

Operating dates for each shaft group and a discussion of the waste inventory for each group of disposal shafts compiled from disposal records for MDA C follows.

Shaft Group 1 (Shafts 56–67 [Feb 1959–Oct 1959])

From LASL logbook 9593: Barium, tritium, radium, lanthanum-140, strontium-89 and -90, tantalum, cerium waste, two cerium sources, fission products, one lanthanum-140 static source, phosphoric acid, depleted uranium (DU), a charcoal trap, and polonium-beryllium-fluorine compounds.

Shaft Group 2 (Shafts 1–55 [Nov 1959–May 1967])

From LASL logbooks 9593 and 11363: barium-140, lanthanum-140, fission products from the Omega reactor, uranyl phosphate, graphite slugs, a cobalt-60 capsule, radioactive graphite, radioactive tantalum, 1 g of irradiated plutonium, thallium, irradiated uranium graphite, lead-beryllium sources, thorium, cesium, strontium, plasma thermocouples, fuel elements (rods), cobalt-60 slugs and sources, sulfuric acid solution, zirconium carbide, a copper sphere, two "rabbit" tubes of beryllium ("rabbits" are containers placed in a reactor neutron flux to irradiate the contents), reactor seals, alpha emitters in solution, acid solutions, actinium components, various uranium isotopes, depleted uranium, cerium-141, yttrium, silver-110, sodium-22, cesium-137, cesium-144, plutonium waste, oralloy (enriched uranium from Oak Ridge), benzene, isopropyl alcohol, neptunium-237, contaminated materials and trash, americium-241, biological waste, classified material, radium-226, lead, silver, and "induced activity" (activation products, usually from a linear accelerator).

Shaft Group 3 (Shafts 68–107 [Oct 1962–Feb 1966])

From LASL logbooks 11363 and 12442: plutonium-contaminated trash, fission products, aluminum sheets and tubes, acids, cesium-137, sodium, cobalt-60, antimony, lanthanum-140, cobalt-60 sources, polonium, beryllium, vacuum pump oil, empty glass bottles, graphite, plutonium, boron, fuel element end caps, thermocouples, acetone, uranium, zirconium carbide, zinc and aluminum residues, barium, irradiated tantalum, tuballoy (a uranium alloy), shell waste, yttrium-91, radioactive chemicals and organic solutions, hydrochloric acid waste, plutonium in ether solution, zinc and mercury solutions, DU chips, miscellaneous sources, oralloy solution, iridium-192, tantalum, indium-114, animal tissues, solvents, a LAMPRE rod assembly, waste oil, detonator components, NRX (Navy experiment) reactor parts, trinitrotoluene (TNT) element samples, americium-242, aluminum-105, zinc-65, neptunium-237, contaminated materials and trash, americium-241, classified material, actinium-227, radium-226, lead, silver, strontium-90, and “induced activity.”

B-1.2 Previous Field Investigations

The following information regarding field investigations conducted at MDA C prior to the Phase I RFI is summarized from Section 2.3.2.2 of the approved RFI Work Plan for OU 1147 (LANL 1992, 07672).

B-1.2.1 USGS Water-Infiltration Tests (1956–1961)

From 1956 through 1961, the United States Geological Society (USGS) conducted water infiltration tests at MDA C using shallow pits approximately one ft deep, which were filled with water. One of the tests conducted during the study involved placing 0.75 ft of standing water in a shallow pit and maintaining this level of water in the pit for 99 days. The USGS found that the water did not percolate from the soil into the unweathered tuff, which was encountered at 6 ft beneath the ground surface. The study concluded that in the presence of a continuous and consistent hydraulic head in the shallow pit, subsurface moisture was preferentially moved laterally in the soil profile rather than downward into tuff. The study further concluded that the downward movement through soil and tuff is slow and inefficient, requiring more hydraulic head than is typically present at MDA C (LANL 1992, 07672).

B-1.2.2 Surface Radiation Surveys and Sampling (1976–1986)

Between 1976 and 1984, radiation surveys were conducted on the surface of MDA C to identify localized areas of elevated radioactivity (LANL 1992, 07672). Surface soil and vegetation samples were subsequently collected from areas with elevated radiation levels and analyzed for radionuclides. Based on the results of these radiation surveys, MDA C was covered with crushed tuff, except in the northeast corner where no disposal pits or shafts are located.

In 1985, radiation surveys were conducted around the MDA C perimeter (Figure B-1). Thermoluminescent dosimeters (TLDs) were used to estimate external penetrating radiation doses. TLD readings taken at 18 locations were all near local background levels. Thus, perimeter TLD monitoring did not identify a significant penetrating radiation source-area within MDA C. The TLD survey was repeated in 1986 with similar results.

A Phoswich detector was used to perform a second 1985 radiation survey for the low end of the energy spectrum to detect the presence of x-ray and gamma-ray emitters on the soil surface using a 64 ft by 64 ft grid over the entire site. A high-pressure ion chamber was used to measure radiation doses at the high end. Both surveys indicated background conditions over most of the site; however, elevated levels of radioactivity were measured in the northeast corner of MDA C.

Surface soil samples were collected from the surface at 0 to 1 cm and analyzed for tritium, plutonium-238, -239, -240, and uranium. Tritium samples from the eastern half of MDA C were below the local background concentration of 4.0 pCi/mL (LANL 1998, 59730). Isotopic plutonium (up to 10 pCi/g of plutonium-239 and -240 and 30 pCi/g of plutonium-238) was detected on the north and east sides of MDA C. Concentrations of uranium were all less than the BV within the MDA C boundary. The areas with elevated radionuclides correspond to the portion of MDA C that was not covered in 1984.

B-1.2.3 Perimeter Pore-Gas Sampling (1989)

In 1989, pore-gas samples collected from a depth of 4 ft at six locations near the Chemical Pit and 12 perimeter locations immediately surrounding MDA C were analyzed for volatile organic compounds (VOCs). Results indicated that no VOCs were present at concentrations greater than method detection limits (DOE 1989, 15364). TCE was detected in four of the eighteen samples at 0.2 to 0.3 mg/m^3, carbon disulfide was detected in one sample at 0.4 mg/m^3, and 2-butanone was detected in one sample at 4.0 mg/m^3.

Three sediment samples were collected at 0- to 12-in. intervals from a drainage channel at the top of Ten Site Canyon and were analyzed for pesticides, polychlorinated biphenyls (PCBs), VOCs, semivolatile organic compounds (SVOCs), inorganic chemicals, and radionuclides. Toluene was detected in one sample at 4.0 µg/kg, eight SVOCs were detected at concentrations ranging from 8.0 to 190.0 µg/kg, and four pesticides were detected at concentrations ranging from 1.0 to 36.0 µg/kg. Inorganic chemicals were detected including barium (28 to 110 mg/kg), chromium (7.0 to 19 mg/kg), nickel (58 mg/kg), and zinc (22 to 47 mg/kg). Radionuclides were detected including radium-226 (800 to 900 pCi/kg), uranium-235 (64 to 100 pCi/kg), total uranium (4000 to 6000 µg/kg), plutonium-238 (8 to 420 pCi/kg), plutonium-239, -240 (328 to 7840 pCi/kg), cesium-137 (160 to 395 pCi/kg), and americium-241 (790 pCi/kg) (DOE 1989, 15364). The 1989 perimeter and sediment sample locations are provided in Figure B-2.

B-2.0 PHASE I RFI FIELD INVESTIGATIONS

Phase I RFI fieldwork was conducted at MDA C from 1993 through 2002. The approved RFI work plan for OU 1147 specified the sampling of surface soil, fill, and subsurface tuff and analyzing samples for inorganic chemicals (target analyte list [TAL] metals), organic chemicals (VOCs, SVOCs, pesticides, and PCBs), and radionuclides (LANL 1992, 07672). The objectives of the Phase I RFI were to determine if contaminants had been released from MDA C, to define the nature and extent of any contaminant releases, to collect data to support and supplement existing data, and to collect data to be used in a risk assessment. Phase I RFI fieldwork conducted at MDA C included

- collecting and analyzing 68 surface soil and fill samples,
- drilling two vertical boreholes and 9 angled boreholes,
- collecting and analyzing 82 core samples,
- collecting and analyzing 34 subsurface pore-gas samples for VOCs, and
- collecting and analyzing 15 near-surface pore-gas samples for tritium.

A summary of work plan specifications, fieldwork performed, and the rationales for deviations from the work plan are provided in Table B-2.

B-2.1 Surface Investigation

B-2.1.1 Surface Soil and Fill Sampling

The Phase I RFI surface sampling was conducted at MDA C from June 14 to July 14, 1993. A 60- by 60-ft sampling grid was laid out across and beyond the boundary of MDA C, and a radiation survey was conducted using a VIOLINIST field instrument to measure gamma radiation and x-rays at 208 locations at midpoints between the nodes of the sampling grid. However, detection limits were not available for the VIOLINIST field instrument; therefore, these data are not presented in this report.

A total of 203 soil samples were collected from the 0- to 6-in. interval at nodes of the 60- by 60-ft grid (Figure B-3) and screened for gross alpha, beta, and gamma radiation using hand-held field instruments. Based on radiation screening results, a total of 68 surface samples were submitted to an off-site contract laboratory for analysis of the following: 59 samples were analyzed for PCBs and pesticide, and 68 samples were analyzed for inorganic chemicals (limited list of antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, potassium, selenium, silver and thallium), and radionuclides (gamma-emitting radionuclides by gamma spectroscopy, strontium-90, americium-241, total and isotopic uranium, and isotopic plutonium). Fifty-nine samples were analyzed for tritium but the data were not used. A summary of surface samples collected and requested analyses is presented in Table B-3.

B-2.1.2 VOC Surface-Flux Measurements

VOC surface flux was measured across MDA C in two surveys conducted in June and July 2000 to identify the nature and extent of potential subsurface VOC contamination. EMFLUX® collectors, consisting of an adsorbent cartridge suspended on a stake beneath a protective shell for a 72-hr period, were used in the survey. VOC analysis was performed by Maryland Spectral Services using gas chromatography/mass spectrometry techniques following a modified US Environmental Protection Agency (EPA) method TO-1 procedure. Additional information on surface-flux sampling and analysis protocols is provided in the EMFLUX® soil gas survey report for MDA C (BES 2000, 76046).

Eighty-four sample locations were identified in the first survey in June 2000; subsequently, an additional 21 locations were selected in the July 2000 survey. The EMFLUX® surface flux measurement locations are shown in Figure D-27. Four trip blanks were included among the samples of the first survey and one trip blank for the second survey. Two field duplicate samples were also collected during the first survey, and laboratory method blanks were analyzed daily by the analytical laboratory.

B-2.1.3 Biota Screening and Sampling

Biota sampling was conducted at MDA C in accordance with the MDA C sampling and analysis plan (SAP) addendum (LANL 2003, 74067) to determine whether any evidence of uptake and transport of contaminants by biota could be found at MDA C. Biota sample locations were selected to ensure broad spatial coverage and located above and around the Chemical Pit, Pits 1–6, and the southwest corner of the area where no materials had been buried.

On February 12, 2003, 14 ant mounds and 63 animal burrows across the site were field screened for gross alpha, beta and gamma activity in the field according to ER-SOP-10.14, “Performing and Documenting Gross Gamma Radiation Scoping Surveys.” A Ludlum 139 radiation meter was used to detect alpha radiation. A Ludlum ESP 1 radiation meter with an HP 260 pancake probe and a Ludlum Model 2221 Scaler/Ratemeter with a Ludlum Model 44-10 2x2 gamma scintillator were used to detect beta/gamma radiation. The screening followed protocols outlined in ER-SOP-10.14, including ensuring that the meter was source-checked prior to use and taking background readings periodically during the

meter's use. Local background was determined to be 300–400 disintegrations per minute (dpm) beta/gamma.

On March 20, 2003, 29 surface soil samples were collected from nine ant mounds and 20 animal burrows and submitted to American Radiation Services (ARS) of New Mexico for gross alpha, beta and gamma analysis. Figure B-4 shows the sample locations of the ant mound and animal burrow. Samples of pine needles were collected on March 21, 2003, from all sixteen ponderosa pine trees on the surface of MDA C and submitted to ARS for gross alpha, beta and gamma analysis (Figure B-4). Approximately 500 g of plant material were collected from each tree. Pine needles were rinsed with deionized water in the field. Each location was surveyed by global positioning system (GPS).

The trees were cut down and a wafer of the tree trunk was collected for tree-ring dating. All trees were between 4.5 and 5.5 ft high, but exact tree heights were not recorded. The wafer used for tree-ring dating was collected at the base of the trunk. The approximate age of the trees is presented in Table B-4. The data will be evaluated by spatial plots and compared with background rates to determine whether and where biota may be mobilizing subsurface contamination. This information will be used to evaluate alternatives for remediation during the MDA C corrective measure study (CMS).

B-2.2 Geophysical Surveys

1994 Magnetometry Survey

In August 1994, a magnetometry technique, the Multisensor Towed Array Detection System (MTADS), was demonstrated at MDA C as a pilot test to locate boundaries of subsurface disposal units (McDonald and Robertson 1995, 56357). The survey was conducted to evaluate the MTADS, which incorporates a towed array of seven cesium-vapor total-field magnetometers to detect subsurface disposal unit boundaries. The maximum depth range of this survey technique is 12 ft below ground surface (bgs). If ferrous materials were not present within a depth interval, the survey would not identify a subsurface feature.

2001 Geophysical Survey

A geophysical survey was performed in August and September 2001 (AGS 2001, 73710.1) to delineate existing disposal pit and shaft locations and map the thickness of cover materials across the surface of MDA C. To achieve these objectives, an integrated geophysical investigation was performed using terrain conductivity (EM31), high-sensitivity metal detector (EM61), and digital ground-penetrating radar (GPR) techniques. In addition, the dipole-dipole electrical resistivity technique was tested at MDA C to assess its effectiveness in determining the thickness of cover materials. Although the survey was deemed successful, interference from the chain-link fence obscured the southern and eastern pit boundaries.

2002 Geophysical Survey

A second geophysical survey was performed at MDA C in September 2002 (AGS 2002, 73711.1) after the chain-link fence along the southern and eastern boundaries of MDA C had been removed. This geophysical survey was done to confirm the southern and eastern pit boundaries and to determine if the pits extend beyond the southern fence line. The geophysical survey was performed using terrain conductivity (EM31), high-sensitivity metal detector (EM61), and digital GPR techniques. The methodology and instrumentation used during this survey were consistent with the previous survey to allow integrated data processing and interpretation.

B-2.3 Subsurface Investigations

Phase I RFI Core Sampling

From July 17 to September 22, 1995, two vertical and nine angled boreholes were advanced at MDA C as part of the Phase I RFI. From January 29 to February 5, 1996, the borehole 50-09100 cap was removed and borehole 50-9100 was extended from 210 to 316 ft deep to collect stratigraphic and geohydrologic data. Detailed borehole logs, including lithologies and well construction diagrams, are presented in Appendix C. Borehole locations and trajectories are shown on Figure B-5. The boreholes are described by depth, declination, and adjacent disposal unit in Table B-5. The exterior and ends of each core barrel and each 5-ft. interval of core were screened for VOCs using a photoionization detector (PID); hand-held field instruments were used to screen for gross alpha, and beta and gamma radiation. Each 5-ft interval of core was inspected for fractures or stains, and the results were noted in borehole logs (Appendix C). The screening samples were collected from fractures or stained tuff if present; if no fractures or staining was present, screening samples were collected from the bottom of each 5-ft. interval. Field-screening results were not used to select samples because gross alpha, beta, or gamma activity in the core did not exceed local background levels. Results of core sample field screening using the PID showed no VOCs in the core at concentrations exceeding readings in ambient air. A review of sample collection log results of core samples screened with field spot-test kits indicated no HE detections in any of the 5-ft intervals of core collected at MDA C.

During the 1995 Phase I RFI, 67 core samples were collected from 20-ft intervals and were submitted to an off-site contract laboratory for analysis of TAL metals, cyanide, and radionuclides (gamma-emitting radionuclides by gamma spectroscopy, tritium, strontium-90, americium-241, total and isotopic uranium, isotopic plutonium, and isotopic thorium). The 67 core samples also were submitted to an off-site contract laboratory for analysis of SVOCs and tritium, and 54 core samples collected from boreholes 50-09101, 50-09103, 50-09104, 50-09105, 50-09106, 50-09107, 50-09108, 50-09109, and 51-09110 were analyzed at an off-site contract laboratory for VOCs and pesticides/PCBs. Table B-6 lists the core sample locations, sample IDs, and requested analyses.

The core was photographed, logged, and curated from July through September 1995. On February 27, 1996, in response to a request from the EPA for additional sample collection intervals, 15 additional tuff samples were collected from curated core from boreholes 50-09100, 50-09101, 50-09103, 50-09104, 50-09105, 50-09106, 50-09107, 50-09108, 50-09109, and 50-09110 (Neleigh 1995, 55112). These samples were submitted to an off-site contract laboratory for analysis of inorganic chemicals (not including cyanide and mercury because holding times had been missed) and radionuclides (except tritium). However, based on the core collection dates and the actual date the samples were analyzed, more than half of the curated core samples missed the 180-day holding time for inorganic chemicals. The inorganic chemical data from these samples are provided for comparison purposes only. VOCs, SVOCs, and PCBs were not analyzed from the curated samples because holding times for these analytes had been exceeded. In addition, tritium in the curated core was not analyzed at an off-site contract laboratory because tritium is found primarily in vapor phase, and water-vapor levels in core that had been curated for several months would not be representative of moisture levels at the time of core extraction. Curated core samples are noted in Table B-6.

In September and October 1995, surface casings were removed, and each borehole (except borehole 50-09100) was grouted closed, ensuring that the borehole would not provide a conduit for surface runoff to enter the subsurface. Borehole 50-09100, maintained as an open borehole vapor-monitoring well, was cased to 10-ft deep and capped at the ground surface.

Results of geologic logging were recorded in the borehole logs (Appendix C). Ten of the eleven boreholes were drilled into unit 3 of the Tshirege Member of the Bandelier Tuff (Qbt 3). Borehole 50-09100 was extended to 316 ft, ending in the Tsankawi Pumice Bed (the basal unit of the Tshirege Member).

Saturation was not encountered in any of the boreholes; however, moist core was recovered from borehole 50-09105 below the asphalt on the ground surface and in borehole 50-09101, angled beneath the surface water drainage channel located along the northern boundary of MDA C. Moisture was expected at these locations, because surface water runoff is channeled and asphalt prohibits evapotranspiration.

Borehole Air-Flow Velocity

In 1995 and 1996, air-flow velocity, oxygen content of the air entering or leaving the borehole, and atmospheric pressure were monitored at boreholes 50-09100, 50-09101, 50-09102, 50-09103, 50-09105, and 50-09107 to evaluate passive venting. Monitoring was performed for four days at borehole 50-09100, 14 days at 50-09101, 36 days at 50-09102, 14 days at 50-09103, 19 days at 50-09105, and 6 days at 54-09107. Results of the air-flow monitoring demonstrate that air-flow characteristics of MDA C boreholes are similar to those of other boreholes located on Mesita del Buey within the Bandelier Tuff. Because the Bandelier Tuff has a porosity of 40% to 50%, at times these boreholes exhaust air of lower atmospheric pressure (in the afternoon and evening) and at times inhale air of higher atmospheric pressure (from night to mid-morning). During the air-flow monitoring at MDA C, atmospheric pressure ranged from a minimum of 755 millibar (mb) to a maximum of 790 mb. Atmospheric pressure varied from ±3 to 5 mb daily. Airflow in MDA C boreholes peaked at approximately 1.0 standard cubic feet per minute (scfm). The total volume of air flowing into and out of each MDA C borehole monitored was approximately 250 ft^3/day (SEA 1997, 76055).

Pore-Gas Sampling

In 2001, an additional borehole (50-10131) was advanced in the vicinity of the Chemical Pit where high tetrachloroethene (PCE) flux concentrations were detected in June and July 2000 (BES 2000, 76046 [see Figure B-5 for borehole location]). Boreholes 50-09100 and 50-10131 are instrumented with FLUTe positive-pressure sampling membranes, which each maintain 10 sampling ports at discrete depths. Following an adequate purge of each port, a VOC screening measurement from each port was made using a Bruel & Kjaer (B&K) gas analyzer calibrated for measuring TCE and PCE in the sub-ppm concentration range. A SUMMA canister sample was collected from two of the ports in each borehole during quarterly sampling based on B&K screening. The samples for each borehole were screened and sampled for VOCs in accordance with the most recent revision of ER-SOP-6.31, “Atmospheric and Sub-Atmospheric Air Sampling.” These samples were submitted to an off-site contract laboratory for VOC analyses by EPA Method TO-14. Quality assurance/quality control (QA/QC) samples were collected per applicable SOPs, including one field duplicate, one equipment blank, and one performance evaluation sample.

Pore-gas sampling in borehole 50-09100 began in August 2000, and borehole 50-10131 was first sampled in November 2001. These boreholes were sampled continually each quarter since November 2001. However, SUMMA canister samples were collected from only two different ports in each borehole during a sample event, making it difficult to compare and correlate B&K screening data and off-site contract laboratory data as well as to evaluate temporal trends. In January 2003, pore-gas samples were collected from all ten ports in both boreholes and analyzed for VOCs. The sampling of all ports in the same event eliminates the temporal variability that confounded interpretation of the patterns of existing VOC concentrations in these boreholes.

Tritium Probe Sampling

Fifteen shallow pore-gas vapor probes were installed across MDA C in accordance with the MDA C SAP addendum (LANL 2003, 74067). Two vapor probes were installed within the boundary of each disposal pit (except the Chemical Pit) and five discretionary locations were selected on the perimeter of the site (Figure B-4). Vapor probes consist of a disposable-screened port bit driven down approximately 3 ft and connected to the surface with a Teflon tubing. The disposable-screened bit was left at 2.5 ft and the holes were backfilled and sealed.

Tritium samples were collected in February 2003 from each probe using absorbent silica gel columns in accordance with ER SOP 6.31 Rev 1. A single trip blank sample was also collected in accordance with RRES-RS QA/QC requirements.

B-3.0 REVIEW OF PHASE I RFI FIELD SCREENING, SURVEY, AND LABORATORY RESULTS

B-3.1 Screening and Survey Results

B-3.1.1 Biota Sampling

The 2003 radiological screening results from ant mounds and burrow spoil material located across the surface of MDA C are presented in Table B-7 and Table B-8. For both ant mound and borrow material, alpha counts were not detected during field screening. Plant material was not screened. Biota sampling data will be reported in the MDA C Investigative Report. The data were not used to identify data gaps.

B-3.1.2 Geophysical Survey Results

Magnetometry Demonstration (1994)

Results of the August 1994 magnetometry demonstration indicate that all seven pits probably extend beyond the boundaries shown on historical maps. In particular, Pits 1–4 extend farther to the east than indicated on historical maps. The line of Shafts 98–107 (a portion of shaft group 3) closely correlates with detected magnetic anomalies. The other two shaft fields were not prominently displayed in the magnetic data. Shaft 108 (the strontium-90 disposal shaft) was not identified by magnetic anomalies at its expected location; however, if any ferrous material contained in the shaft is located beneath the 12-ft range of the instrumentation, its location would not have been obvious (McDonald and Robertson 1995, 56357).

Survey results also indicated that Pit 6 may extend to the fence on the north side of MDA C and possibly beyond the fence at the east end of the pit. However, a photograph confirms the proximity of the northern edge of Pit 6 to the north perimeter fence (p. C-9, Rogers 1977, 0216).

2001 Geophysical Survey

The EM31 results from MDA C show east-west trending conductivity anomalies that generally coincide with the expected pit locations. Lateral variations within the interpreted pit locations indicate changes in fill cover and the heterogeneity of the buried materials. At most of the suspected shaft locations, no consistent anomalies were observed that could be attributed with certainty to the shafts. The absence of anomalies at these locations indicates either that the shafts do not exist at the locations shown or that insufficient contrasts occur in the upper 10 ft of materials.

Similarly, the EM61 data show high-amplitude anomalies at Pit 5. This finding indicates that most of the metal objects buried at the site are contained in the southern portion of the pit. Small and randomly scattered metal objects are observed throughout the remaining pit locations.

The interpreted pit boundaries based on the EM61 and EM31 data show a strong correlation. However, there is a 40-ft discrepancy between these boundaries and the historical data. Based on GPR, the minimum and maximum cover thicknesses at MDA C are 0.0 and 8.76 ft, respectively with a mean value of 3.4 ft. Figure B-6 illustrates the fill thicknesses at MDA C.

2002 Geophysical Survey

The electromagnetic (EM) data acquired in the eastern survey area show low values and laterally homogeneous materials typical of natural sediments and rocks. Similarly, the GPR data indicate the presence of native subsurface conditions over most of this area. EM interference created by utilities was encountered along the southern site boundary, which made delineating the southern boundary of Pit 1 difficult. However, a subtle decrease in values was observed in the terrain conductivity, in-phase, and EM61 data between the interpreted trench location and the apparent location of the utilities. The location of the decrease indicates that the Pit 1 boundary occurs inside the fence line. GPR lines running across this boundary support this conclusion. EM and GPR anomalies observed outside the fence line in the southern portion of the survey area are attributed to buried utilities and excavations that are unrelated to disposal pits. In conclusion, the geophysical data acquired during this investigation show no evidence of disposal pits outside the fence line in the surveyed areas.

Throughout this IWP, figures are based on the disposal pit boundaries shown on LASL Engineering Drawing ENG-R 4459 (LASL 1974, 38446). An overlay of the 2001 and 2002 geophysical survey results on the engineering drawing is illustrated on Figure B-7. The interpretation of the pit boundaries from the geophysical survey differs slightly from the engineering drawing. These differences will be taken into consideration when locating new boreholes during implementation of this IWP.

B-3.2 Data Review

The Phase I RFI data for MDA C include analytical data from 68 surface samples (16 surface soil samples and 52 fill samples), 15 tritium probe samples, 82 tuff samples collected from 11 boreholes (79 from Qbt 3, 2 from Qbt 2, and 1 from Qbt 1v), 105 EMFLUX® soil-gas survey samples, and 34 pore-gas samples; Figures B-3, B-4, and B-5 show the sample locations. All data used quantitatively to identify chemicals of potential concern (COPCs) at MDA C were subjected to RRES-RS QA/QC procedures. The data review process for identifying COPCs begins with a comparison of site data with

- naturally occurring background concentrations for inorganic chemicals,
- naturally occurring background and fallout concentrations for radionuclides, and
- analytical estimated quantitation levels (EQLs) for organic chemicals.

Background comparisons and a variety of statistical and graphical methods were used to compare site inorganic and radionuclide data with Laboratory background data (LANL 1998, 59730). Organic chemical data were evaluated for detection status only. For background comparisons, the first step was to compare the site data with a background value (BV). A BV may be an estimated value for the background data set (upper tolerance limit [95, 95] or the 95% upper confidence bound on the 95th quartile), a detection limit (DL), a fallout value (FV), a minimum detectable activity, or it may be calculated based on secular

equilibrium or a total analysis. The term “background value” will be used in this report to represent any of these values.

If a site-specific datum exceeds its BV, additional evaluation of the datum may be performed by comparing the range of values in the site data set for that chemical to the range of values for that chemical in the background data set. Graphical analyses (e.g., box plots) may be used or, if adequate data are available, statistical tests that evaluate differences in distribution may be used. Nonparametric tests commonly used to assess data distributions include the Gehan, quantile, and slippage tests. Together these tests assess complete shifts in distributions, shifts of a subset of the data, and the potential for some of the site data to be greater than the maximum background concentration. Observed significance levels (p-values) are obtained; these values indicate whether a difference does or does not exist between the data sets. A p-value of less than 0.05 indicates that a difference exists between the distributions (i.e., the site data are different from the background data). A p-value greater than 0.05 indicates that no difference exists between distributions (i.e., site and background data are similar). Statistical tests, graphical analyses, and their results are discussed in Appendix D.

Only data that are relevant for identifying COPCs are discussed in this section; this includes measurements above applicable thresholds or DLs that are greater than an applicable threshold.

B-3.2.1 Phase I RFI Surface Soil and Fill Samples

Surface samples were collected from both soil and fill material. Table B-3 summarizes all the surface samples collected during the Phase I RFI and the requested analyses for each sample. The request number is shown in the table for each analysis requested for an individual sample. According to the data validation for inorganic chemicals, radionuclides, and organic chemicals in the surface soil and fill, the results were not qualified and all data are suitable for data assessment.

Inorganic Chemical Comparison with BV

Surface soil and fill samples were analyzed for TAL metals (antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, potassium, selenium, silver, and thallium). Sixty-eight samples were analyzed for antimony, arsenic, barium, beryllium, cadmium, chromium, lead, nickel, selenium, silver, and thallium; ten were analyzed for mercury and two for potassium. Because the surface of MDA C has been disturbed and fill has been added, distinct soil horizons are not evident for the surface samples; therefore, the BV for all soil horizon is used for background comparisons for samples identified as soil or fill (LANL 1998, 59730). Table B-9 presents the frequency of detected inorganic chemicals above BVs in surface soil and fill samples.

Lead and silver are the only inorganic chemicals that were detected above their respective BVs. Lead was detected above the BV in 9 samples (7 to 30 mg/kg) at concentrations close to the BV (22.3 mg/kg). The results of the Gehan and quantile tests for lead presented in Appendix D (Table D-1) indicate that lead is elevated above background. Silver was detected in two samples at concentrations of 1.1 and 6.0 mg/kg, which are above the BV of 1.0 mg/kg. No further background tests for silver were performed since there is no background data set for silver. All other inorganic chemicals were similar to Laboratory site-wide soil BVs (LANL 1998, 59730). Table B-10 presents the concentrations of lead and silver above background in surface soil and fill material at MDA C. Lead and silver were identified as COPCs in surface soil and fill.

Radionuclide Comparison with BVs and Fallout Values

Sixty-eight surface soil and fill samples were analyzed for americium-241, isotopic plutonium, isotopic uranium, strontium-90, and gamma-emitting radionuclides. Because the surface of MDA C has been disturbed and fill has been added, distinct soil horizons are not evident for the surface samples; therefore, the BVs/FVs for all soil horizons are used for background comparisons (LANL 1998, 59730). FVs apply to americium-241, tritium, isotopic plutonium, strontium-90, and gamma-emitting radionuclides. The term "background value" will be used in the following tables and text to represent both BVs and FVs. Table B-11 presents the frequency of detected radionuclides above BV collected in surface soil and fill samples.

Americium-241, plutonium-238, plutonium-239, thorium-232, and uranium-238 were all detected above the BV in at least one sample. The BVs for thorium-232 and uranium-238 are both surrogates from sediment data, and further statistical tests were not performed for these two analytes. The statistical test results from the three radionuclides with soil background data are presented in Table D-2 (Appendix D). As the statistical tests show, all p-values were less than 0.5, indicating that these three radionuclides are elevated compared to the background data.

Table B-12 presents the concentrations above the BV in surface soil and fill. Americium-241, plutonium-238, plutonium-239, thorium-232, and uranium-238 are identified as COPCs in surface soil and fill at MDA C.

During the Phase I RFI, 59 surface soil/fill samples were collected and analyzed for tritium and soil moisture to assess whether contaminants are available for transport from the surface of MDA C. The analytical results from these surface samples, which reported tritium concentrations between 0.17 and 12.82 pCi/mL are not representative of past or current conditions because of the volatility of tritium, which readily dissipates into the atmosphere. In addition, the moisture content of surface soils is highly variable and difficult to measure such that accurate quantification of tritium in surface soil is difficult. Since tritium is measured in conjunction with soil moisture, any tritium in surface soil potentially associated with historical releases would no longer be present because of infiltration and evaporation. Therefore, vapor-phase gas sampling is more appropriate, and 15 shallow pore-gas vapor probes were installed across MDA C in accordance with the MDA C SAP addendum (LANL 2003, 74067). Tritium samples were collected and analyzed in February 2003 from each probe using absorbent silica gel columns (Section B-2.3). In addition, subsurface tuff samples were analyzed for tritium and moisture content (Section B-2.3). The rejected surface tritium data, including sample locations and sample Ids, are provided in Appendix E.

Evaluation of Organic Chemicals

Surface soil and fill samples were analyzed for PCBs/pesticides and SVOCs. Sample concentrations were reviewed for detection status. Table B-13 presents the frequency of detected organic chemicals in surface soil and fill.

Only five organic chemicals were detected in the surface soil and fill samples. The concentrations of these organic chemicals are presented in Table B-14.

Figures D-6 to D-8 show the distribution of the Aroclor-1254, Aroclor-1260, and bis(2-ethylhexyl)phthalate data since these organic chemicals were detected in more than one sample. Acenaphthene, Aroclor-1254, Aroclor-1260, bis(2-ethylhexyl)phthalate, and pentachlorophenol are identified as COPCs in the surface soil and fill at MDA C.

Although the approved RFI work plan for OU 1147 did not call for collecting and analyzing surface soil samples for VOC, ten surface soil/fill samples were collected and analyzed for VOCs during the Phase I RFI to assess whether contaminants are available for transport from the surface of MDA C (LANL 1992, 07672). The analytical results from these samples, which reported no detected VOCs, are not representative of past or current conditions because of the volatility of VOCs, which readily dissipate into the atmosphere. Vapor-phase pore-gas sampling is more appropriate for determining the nature and extent of VOCs. Therefore, VOC surface flux was measured across MDA C in two surveys conducted in June and July 2000, and VOC pore-gas samples have been collected and analyzed from two vapor-monitoring boreholes at MDA C (Section B-2.3). The surface VOC data, including sample locations and sample Ids, are provided in Appendix E.

B-3.2.2 Subsurface Tuff Samples

Eighty-two tuff samples were collected from nine angled boreholes and two vertical boreholes. Seventy-nine samples were collected from Qbt 3 of the Tshirege Member of the Bandelier Tuff, two samples were collected from Qbt 2, and one sample was collected from Qbt 1v. Table B-6 summarizes the subsurface tuff samples collected during the Phase I RFI and the requested analyses for each sample. It should be noted that 15 of the tuff samples were collected from curated core in 1996 from boreholes 50-09100, 50-09101, 50-09103, 50-09104, 50-09105, 50-09106, 50-09107, 50-09108, 50-09109, and 50-09110.

Inorganic Chemical Comparison with BV

Eighty-two subsurface tuff samples were analyzed for TAL metals (except for antimony in 76 samples and 61 samples for cyanide). The data validation results for the subsurface inorganic chemicals data at MDA C indicate some of the data were qualified. A summary of the qualifications and how the data review may be affected are presented in this section.

Based on the core collection dates and the actual date the samples were analyzed, more than half of the curated core samples missed the 180-day holding time for inorganic chemicals; therefore, the inorganic chemical data from these samples is provided for comparison purposes only. The curated core samples were not analyzed for VOCs, SVOCs, PCBs, tritium, cyanide, or mercury because holding times for these analytes had been exceeded by several months.

Antimony, selenium, and thallium results were qualified UJ (indicating that the reported DL is estimated) for some samples because of a low recovery in the matrix spike sample. Some results for manganese, lead, zinc, antimony, and cyanide were qualified J– (indicating that the result is estimated and biased low) because of a low recovery in the matrix spike sample. Seven inorganic chemicals (aluminum, beryllium, iron, manganese, lead, thallium, and zinc) had some results qualified J (result is estimated) because the relative percent difference between the sample and the laboratory duplicate was greater than the advisory limit. Some inorganic chemicals also had results qualified J (result is estimated) because the result was less than the estimated DL but above the method detection limit.

Antimony data were rejected for six samples and cyanide data were rejected for sixteen samples because the matrix spike was less than 30%. All the rejected antimony data were collected in 1995 from borehole 50-09104. Only the sample collected in 1996 from borehole 50-09104 did not have rejected antimony data. Cyanide was rejected in sixteen samples, a maximum of two samples from nine different boreholes. Fifteen of these samples were collected from the curated core in 1996, and the holding time for cyanide had been exceeded by several months. Results for potassium and sodium were qualified J+ (result is estimated and biased high) in six samples because the interference check sample was high. Many

inorganic chemicals had results that were qualified U (not detected) because the concentration was less than five times the concentration in the method blank.

The estimated detection limits (UJ) as well as the estimated results (J) will be evaluated in the data review the same as all other reported detection limits and detected results based on EPA guidance (EPA 1992, 54947.1). Because the J– and J+ qualifiers are only an indication of a low bias or high bias based on one type of QC sample and the amount of the bias is not known, the results are compared to the BVs as they were reported. Antimony data that were not rejected were reported with a detection limit above the BV. Because only some of the results were qualified U or UJ (not detected), few results were rejected. The data are of good quality and can be used for data assessment. Table B-15 summarizes the detection limits above the BV.

Analytical results for inorganic chemicals in samples collected from Qbt 2 and Qbt 3 were compared with the appropriate BVs for Qbts 2, 3, and 4, and results for inorganic chemicals in samples collected from Qbt 1v were compared with BVs for that unit (LANL 1998, 59730). Table B-16 presents the frequency of inorganic chemicals detected in the subsurface tuff at MDA C. Analytical results for all inorganic chemicals are presented in box plots in Figure D-9 in Appendix D. The box plots show that the concentrations for most inorganic chemicals are similar to the distribution of background concentrations. Seven inorganic chemicals (aluminum, beryllium, calcium, chromium, cobalt, magnesium, and nickel) were detected above the BV only once. Eight inorganic chemicals (antimony, arsenic, barium, copper, cyanide, lead, selenium, and thallium) had at least two detected concentrations above their respective BVs. Detection limits for mercury and silver were above BVs. Analytical results for inorganic chemicals with at least two detected concentrations above the BV were plotted by depth in each borehole to identify patterns that might be associated with a release and migration through a fractured medium (see Appendix D, Figures D-10 to D-17). Lead and cyanide were detected most frequently in the subsurface. Boreholes 50-09101 and 50-09104 had the highest number of detects for cyanide. Table B-16 presents the concentrations of inorganic chemicals detected above BVs in the subsurface tuff at MDA C (tuff samples collected from curated core are noted).

Antimony, arsenic, barium, copper, cyanide, lead, selenium, thallium are identified as COPCs because they were detected above their respective tuff BVs in more than one sample. Mercury and silver are also identified as COPCs because more than one detection limit was above the tuff BV.

Radionuclide Comparison with Background and Fallout Values

Subsurface tuff samples were analyzed for americium-241 (by alpha spectroscopy), gamma-emitting radionuclides, isotopic plutonium, isotopic thorium, isotopic uranium, strontium-90, and tritium. The full-suite analyte list in the analytical services statement of work (LANL 1995, 49738) includes the decay series of the naturally occurring radionuclides, uranium-235, uranium-238, and thorium-232, as well as fission and activation products and their progeny. The primary radionuclides reliably measured by gamma spectroscopy include activation products (americium-241, cobalt-60, and sodium-22), fission products (cesium-134, cesium-137, europium-152, and ruthenium-106), and uranium-235.

Data validation results for the subsurface radionuclide data for tuff at MDA C indicate that some of the data were qualified. Three samples analyzed for thorium-232 and one sample analyzed for uranium-234 and uranium-238 had results qualified J (result is estimated) because the relative percent difference between the sample and the laboratory duplicate was greater than the advisory limit. These estimated results (J) will be evaluated in the data review along with other detected results. In addition, thirty-one samples that were analyzed for uranium-235 by inductively coupled plasma mass spectrometry (ICPMS) instead of alpha spectroscopy. The analytical results from these two methods are not comparable, and

the samples analyzed using ICPMS generally have higher results than those analyzed by alpha spectroscopy. Therefore, the uranium-235 data analyzed by ICPMS were evaluated by detection status rather than against the BV. Radionuclide concentrations were compared with the appropriate Laboratory tuff BVs set or evaluated based on detection status (LANL 1998, 59730). Table B-17 presents the frequency of radionuclides detected above BV in subsurface tuff samples collected at MDA C.

As with the surface soil samples, americium-241, plutonium-238, plutonium-239, tritium, and uranium-235 were detected in the subsurface tuff. Since there are no BVs/FVs for comparison for these radionuclides, they are evaluated based on detection status. Strontium-90 was also detected in subsurface tuff samples; the highest detected concentration of strontium-90 was at a depth of approximately 18 ft in angled borehole 50-09109 (13 ft bgs). Tritium was detected in all boreholes at concentrations ranging between 1.5 and approximately 650,000 pCi/mL.[1] Figure D-18 in Appendix D presents a borehole profile plot of the tritium data. The highest concentrations of tritium in pCi/mL were measured in borehole 50-09107 in the sampling intervals beneath Pit 6. Table B-18 presents the concentrations of radionuclides above the BVs in subsurface tuff samples (tuff samples collected from curated core are noted).

Americium-241, cesium-134, cesium-137, cobalt-60, europium-152, plutonium-238, plutonium-239, sodium-22, strontium-90, tritium, uranium-235, and uranium-238 were identified as COPCs because the concentrations of these radionuclides were detected above BVs or detected (if no BV is available) in the subsurface tuff.

Overall, the subsurface radionuclide data are of good quality and suitable for data assessment.

Evaluation of Organic Chemicals

Subsurface tuff samples were analyzed for PCBs, pesticides, VOCs, and SVOCs. Results for several organic chemicals (i.e., acetone, bis[2-ethylhexyl]phthalate, and methylene chloride) were qualified U (not detected) because the detected concentrations were attributed to laboratory contamination. Some organic chemical results were also qualified J (result is estimated) because the result was less than the estimated quantitation limit (EQL) but above the method detection limit. All of these estimated results (J) are evaluated in the data review in the same way as the other detected results. Organic chemical concentrations were reviewed for detection status. Overall, the subsurface organic chemical data for MDA C are of good quality and suitable for data assessment. Table B-19 presents the frequency of detected organic chemicals in subsurface tuff samples.

Six organic chemicals were detected in the Phase I RFI subsurface tuff samples at MDA C. Methylene chloride, 2-methylphenol, and toluene were detected once. Acetone, bis(2-ethylhexyl)phthalate, and 1,1-dichloroethene were detected in four to eight samples. The VOC 1,1-dichloroethene was detected in four samples in borehole 50-09104. The detected concentrations of the other organic chemicals were reported in multiple boreholes with no apparent pattern. All of the bis(2-ethylhexyl)phthalate detected

[1] The accuracy of the tritium values is questionable. Tritium in core is measured by EPA Method 906.0, which is performed on the water extracted from the core sample. At gravimetric moisture content less than 10%, a 3-in. length of 2-in. diameter core will yield less water than the minimum required volume of 5 ml. To reach the necessary volume, de-ionized water is added to the extracted water. The reported activity and uncertainty are corrected for the dilution. Therefore, any moisture loss from a core sample prior to analysis at low moisture contents may substantially increase the uncertainty of the measurement. Moreover, the EPA Method requires the core material be ground to a fine mesh before the water is extracted, such that significant moisture loss is inevitable. Given these issues, RRES-RS concluded that tritium contamination is best characterized in low moisture content environments by using sorbent materials to extract and retain in situ subsurface water samples from pore gas.

concentrations were below the EQL (i.e., J qualified). No PCBs or pesticides were detected in the subsurface samples. Table B-20 presents the detected concentrations in the subsurface tuff samples.

Acetone, bis(2-ethylhexyl)phthalate, 1,1-dichloroethene, methylene chloride, 2-methylphenol, and toluene are identified as COPCs in the subsurface tuff at MDA C.

B-3.2.3 Pore Gas Samples

VOCs in Soil-Gas Survey Samples

Thirty-four surface flux samples were analyzed for VOCs. Six VOCs were detected at concentrations above the laboratory quantitation limit: aliphatics hydrocarbons, benzene, carbon tetrachloride, chloroform, PCE, and TCE. The rates of flux for these detected organic chemicals are summarized in Table B-21. PCE was one of the most frequently detected organic chemicals in the surface flux samples. Figure D-27 shows the locations of the highest concentrations of PCE at MDA C.

The aliphatic hydrocarbons, benzene, carbon tetrachloride, chloroform, PCE and TCE are identified as COPCs at MDA C.

VOCs in Pore-Gas Samples

Pore-gas samples were collected between August 2000 and November 2001 and in January 2003 and analyzed for VOCs by EPA Method TO-14. Twenty-four VOCs were reported as detected, these VOC results are summarized in Table D-4.

PCE and TCE were detected most frequently and at the highest concentrations in pore-gas samples. PCE was detected at a maximum concentration of 2.1 ppmv at 50 ft in borehole 50-1013, and the concentrations decrease to 0.45 ppmv at a depth of 250 ft at the bottom of the borehole. Figure D-25 in Appendix D shows the concentrations of PCE in borehole 50-10131. This borehole is located in the same area as the high PCE-flux results. TCE was detected at a maximum concentration of 2.3 ppmv also at a depth of 50 ft in borehole 50-10131. Concentrations of TCE ranged between 1.1 and 2.3 ppmv along the entire borehole. Figure D-26 shows the concentrations of TCE in borehole 50-10131.

The maximum concentration of PCE in borehole 50-09100 was 1.2 ppmv at a depth of 20 ft. Samples were collected from this depth four times during the six quarters of sampling, and the results were 0.033, 0.051, 0.070 and 1.2 ppmv. The second highest result reported for PCE in borehole 50-09100 was at 260 ft with a concentration of 0.51 ppmv. With the exception of these two results, the range of PCE concentrations in borehole 50-09100 was 0.033 ppmv to 0.32 ppmv for other sampling events as shown on Figure D-27. PCE concentrations decrease with depth.

TCE was detected over a large range of concentrations in borehole 50-09100 at the ports sampled more than once. At 20 ft, the concentration of TCE ranged from 0.76 to 1.6 ppmv, at 90 ft it ranged from 3.3 to 9.4 ppmv, and at 200 ft it ranged from 8.8 to 12 ppmv. However, the maximum TCE concentration detected in all of the pore-gas sampling events to date was at the bottom of borehole 50-09100 at 13 ppmv at a depth of 316 ft. Figure D-29 illustrates the trend of increasing concentration with increasing depth. Although the maximum concentration was not detected at the bottom of the borehole each year, the maximum concentration was always below a depth of 200 ft.

As stated in section B-2.3, pore-gas samples were collected at every port in boreholes 50-09100 and 50-10131 in January 2003. Each sample was screened by the B&K instrument before being submitted to an offsite contract laboratory for analysis. Figures D-30 and D-31 show a plot of the B&K data versus the

SUMMA data from the laboratory for TCE and PCE in borehole 50-09100. These figures show that the values of the B&K and SUMMA measurements do not correlate well all the way down the borehole. Therefore, the B&K screening may not be useful for predicting pore-gas concentrations in the low ppmv range. The twenty-four VOCs listed in Table D-4 are identified as COPCs in subsurface pore gas at MDA C.

Tritium in Pore-Gas Samples

Tritium was collected at 15 locations across MDA C in February 2003 (Figure B-4). Of the fifteen results, two results were a factor of ten higher than the rest of the results. The maximum tritium concentration detected was 2500 pCi/mL in a sample collected on the western side of MDA C at location 50-21467. Although no pits or shafts are located directly beneath this area, it is possible that the tritium is coming from Shaft Group 3 to the east. The second highest tritium concentration detected was 1400 pCi/mL at probe location 50-21472, north of Pit 6 near the west end of the pit at location 50-21472. The remainder of the detected tritium concentrations range between 8.87 and 246 pCi/mL. Tritium concentrations detected in the 15 near-surface pore-gas samples are presented in Table D-5. Figure D-32 presents a bubble plot of the concentrations of tritium probe data.

B-4.0 DATA INTERPRETATION AND IDENTIFICATION OF DATA GAPS

Information presented in Sections B-1.0, B-2.0, and B-3.0 is summarized and interpreted in this section to describe the current understanding of the nature and extent of environmental contamination at MDA C. Based on this interpretation, data gaps related to the nature and extent of environmental contamination at MDA C are identified. The information provided in this section is summarized in Section 4.1 of the IWP where it forms the basis for the proposed sampling activities presented in Section 4.2 of the IWP.

B-4.1 Nature and Extent of Contamination in Surface Soil and Fill

Metals: Lead and silver were the only metals detected at concentrations above their respective BVs in the surface soil and fill. Silver was detected above the BV of 1.0 in two of the 68 samples. Lead, detected above its BV at a frequency of about 13%, has the highest concentrations along the southeast portion of the site. The maximum lead concentration (30 mg/kg) was detected in a sample taken at a distance from the locations of pits and shafts and is only slightly above the BV (22.3 mg/kg). A box plot of the site and background soil data (Figure D-15) show that the range of concentrations in the two data sets is almost identical. These findings indicate that the slightly higher site concentrations of lead are probably related to the characteristics of the fill material, the result of natural variability, or the proximity of MDA C to roadways and parking areas. Present-day concentrations of metals in surface soil at MDA C do not indicate that a release of metals from MDA C has occurred to the surface.

Radionuclides: Americium-241, plutonium-238, plutonium-239/240, thorium-232, tritium, and uranium-238 were detected above their respective BVs in at least one surface sample. The highest concentrations of americium-241, plutonium-238, and plutonium-239/240 were detected in surface samples collected in the northeast corner of MDA C and along the eastern edge of MDA C. Cover materials placed over the surface of MDA C in 1984 did not extend to this area of the site (Figure B-6). These findings indicate that the elevated concentrations of americium-241 and isotopic plutonium in surface soils are related to releases during site operations or from the deposition of historical airborne releases from operations at TA-50. Uranium-238 was detected above the BV in only one of 68 surface samples (2.45 pCi/g), which is slightly higher than its BV (2.29 pCi/g). Thorium-232 was detected above its BV (2.33 pCi/g)) in 15 of 68

samples, with the maximum concentrations approximately twice the BV. Spatial patterns do not indicate any releases of these isotopes to surface soils at MDA C.

Organic Chemicals: There is no consistent spatial pattern among the detected concentrations of organic chemicals in surface soil and fill. Acenaphthene and pentachlorophenol were detected only once in samples on the south side of MDA C. Bis(2-ethylhexyl)phthalate was detected in two fill samples in the northwest part of MDA C. Like bis(2-ethylhexyl)phthalate, Aroclor-1260 concentrations were more frequently detected in the northwest portion of MDA C. Aroclor-1254, however, was detected twice in the southeastern portion of the site and once, at the highest concentration, in a central location adjacent to Pit 2. No organic chemical had a pattern of detection consistent with the elevated americium and plutonium concentrations in the northeast part of the site. Thus, there is no evidence for a widespread release of organic chemicals at MDA C. However, the detection of Aroclor-1260 in four samples and bis(2-ethylhexyl)phthalate in two samples in the same general location may indicate a localized release from Pit 6 to surface soil during operations.

B-4.2.1 Data Gaps Related to Surface Soil and Fill

An evaluation of the metal, radionuclide, and organic chemical Phase I RFI data for surface soil and fill at MDA C does not reveal any data gaps related to identifying the nature and extent of contamination. A release of radionuclides, including americium-241, plutonium-238, and plutonium-239/240, was identified in the northeast region of MDA C. This release is most likely associated with historical site operations and/or with the deposition of airborne releases from historic operations at TA-50 rather than more recent transport of contamination from wastes buried in the disposal units. A release of Aroclor-1260 and bis(2-ethylhexyl)phthalate may have occurred in the area of Pit 6 during operation. The detected concentrations of these chemicals are bounded by other soil and fill samples where they were not detected; therefore, the spatial extent of potential surface releases from MDA C has been established by the Phase I RFI data.

B-4.3 Nature and Extent of Contamination in Subsurface Tuff

Metals: A number of metals were detected above their respective BVs in tuff samples at MDA C. Aluminum, beryllium, calcium, chromium, cobalt, magnesium, and nickel were detected above a BV in only a single sample. Antimony, arsenic, barium, copper, cyanide, lead, selenium, and thallium were detected in two or more samples above their BVs. Of these metals, cyanide and lead were detected above BVs with the greatest frequency. Plots of the analytical results for metals detected in two or more samples above their BVs are presented in Figures D-10 to D-17.

With the exception of beryllium, the seven inorganic chemicals detected above BVs in only one sample were detected above their BV in the same sample. This sample was collected at a depth of 66 ft in borehole 50-09109 beneath Pit 6. Concentrations of barium, copper, lead, selenium, and thallium were also elevated above BVs in this particular sample. The subsurface sample with the next-greatest number of chemical detections was also in borehole 50-09109 at a depth of 34 ft. Antimony, barium, copper, and lead were detected above BVs in this shallower sample. Among the inorganic chemicals detected above BVs in two or more samples, antimony, copper, and thallium had their highest concentrations in borehole 50-09109 beneath Pit 6.

Other boreholes from which samples were collected beneath or adjacent to Pit 6 include 50-09101, 50-09107, 50-09108, and 50-09110. The highest concentrations of barium, cyanide, and lead were measured in boreholes 50-09107, 50-09101, and 50-09110, respectively. None of these concentrations were measured in the deepest sample in a borehole, and all of the maximum concentrations (with the

exception of calcium and selenium) were within a factor of 10 of the BV. The concentrations of calcium and selenium exceeded BVs by over a factor of 30 in the sample collected at 66 ft in borehole 50-09109. Collectively, the data for boreholes 50-09101, 50-09107, 50-09108, 50-09109, and 50-09110 indicate that releases of metals to tuff below Pit 6 have occurred. No metals were present above their BV values in any sample in the other boreholes at MDA C (Appendix D).

Radionuclides: Radionuclides measured at concentrations above a BV, or simply detected in tuff when there is no tuff BV, include tritium, americium-241, plutonium-238, plutonium-239, uranium-235 and uranium-238, and various fission or activation products including strontium-90, cobalt-60, cesium-134 and cesium-137, europium-152, and sodium-22. Borehole plots of radionuclides in the subsurface are provided in Sections D-3.2-11 to D-3.2-13 in Appendix D.

Unlike metals in tuff, which were detected above BVs only beneath Pit 6, radionuclides were detected in tuff samples from several locations. Americium-241 was detected at depth below Pit 6 in boreholes 50-09101 (112 ft) and 50-09107 (75, 95, and 108 ft). Additional radionuclide detections at depth below Pit 6 include strontium-90 and plutonium-238 at 95 ft in borehole 50-09108, uranium-235 at 66 ft in borehole 50-09109, and strontium-90 and sodium-22 at 113 ft in borehole 50-09109. However, strontium-90 was also detected in one sample below 100 ft in borehole 50-09103 (Pit 3) and in two samples below 100 ft in borehole 50-09106 (Pit 4 and Shaft Group 3). Plutonium-239 was also measured below 100 ft in borehole 50-09105, drilled beneath Shaft Group 3. The frequent rate of detection of strontium-90 at depth (it was present in four boreholes near or below 100 ft) may be associated with its greater solubility compared with elements such as americium, uranium, and plutonium.

Many of these radionuclide detections were at or near the bottom interval of the boreholes and, in the case of americium-241 in borehole 50-09107, there were three detections in consecutive intervals with the highest value present in the bottom-most interval of the borehole. Strontium-90 was detected at depth at several locations, but other radionuclides at depth were measured only below Pit 6 (with a single exception).

Tritium migrates in tuff in the form of water vapor; therefore, its occurrence in the tuff is not necessarily correlated with infiltration of water but is related to diffusion and advection in a gaseous state. Tritium was detected in almost every tuff sample at MDA C; borehole profiles for tritium concentrations in tuff are provided Figure D-18 in Appendix D. Some of the highest tritium concentrations in tuff pore moisture were measured in borehole 50-09107, the same borehole where americium-241 was detected in three samples at depth. However, tritium concentrations were also relatively high in samples collected beneath Pits 4 (borehole 50-09106) and 5 (borehole 50-09102). The tritium tuff data indicate a release of tritium in the subsurface, with concentrations higher in the northern portions of the site below Pits 4, 5, and 6, although subsurface tritium data are lacking from the central portions of Pits 1through 5. By contrast, near-surface tritium pore-gas concentrations indicate relatively low concentrations directly above Pits 5 and 6.

Organic Chemicals: The tuff data for SVOCs are not consistent with the metals and radionuclide data with respect to evidence of a release from the disposal units. Bis(2-ethylhexyl)phthalate was the only SVOC detected in tuff samples, and the range of nondetect values encompassed the range of the detected concentrations. This finding indicates that detected concentrations were very close to the limits of detection. PCBs and pesticides were not detected in any tuff samples. Although VOC data were reported for tuff samples, these data are of little value because tuff does not effectively adsorb VOCs and is, therefore, a poor sample matrix for VOCs. VOCs in the subsurface exist primarily in the gas phase because of the low absorptive capacity of the tuff. Also, the low moisture content of the tuff, coupled with the low solubilities of chlorinated hydrocarbons such as PCE and TCE, results in only negligible quantities of VOCs in pore moisture. The distribution of VOCs in pore gas is discussed in Section B-4.4.

B-4.3.1 Data Gaps Related to Subsurface Tuff

Tuff data for metals and cyanide, and to a lesser extent for radionuclides, indicate that releases to subsurface tuff have occurred below Pit 6 because these contaminants are present in tuff at concentrations exceeding BVs.

Available data from angled boreholes beneath Pits 3, 4, and 5, and Shaft Group 3 do not provide evidence of infiltration-related releases of metals or radionuclides. However, relatively few tuff samples were collected from beneath these disposal units. No tuff samples were collected from beneath Pits 1 and 3, beneath Shaft Groups 1 and 2, or beneath the strontium-90 disposal shaft. The number and locations of tuff samples are not adequate to support any conclusions regarding the nature and extent of contamination beneath Pits 1 through 5, Shaft Groups 1 and 2, and the strontium-90 disposal shaft.

Tritium pore-gas data in tuff indicate a release of tritium in the subsurface, with higher concentrations measured in the northern portions of the site below Pits 4, 5, and 6. Near-surface tritium pore-gas data indicate that a release of tritium to the atmosphere is occurring in the western regions of Pits 1 through 4, in an area west of Shaft Group 3 and north of Pit 6. One or more shafts on the northern end of Shaft Group 3 may be the source of the high concentration of tritium in pore gas measured in a location west of these shafts, but Phase I RFI samples are inadequate to test this hypothesis.

In addition to the analytical suites required for Phase I RFI tuff samples, additional suites may be appropriate given the nature of the disposed wastes at MDA C. Nitrates and perchlorate, which are very soluble and susceptible to migration with infiltrating surface water, were not analyzed in Phase I RFI tuff samples. Nitrates are associated with fertilizers and are also a common breakdown product of most nitrogen-containing organic materials. Perchlorate-containing chemicals have been widely used as oxidizers in a variety of chemical processes, and perchloric acid is a common strong acid used in laboratories. Because of their mobility and potential occurrence in disposed waste at MDA C, analysis of nitrates and perchlorate in tuff samples at MDA C is appropriate. Therefore, the absence of tuff data for these chemicals is a data gap. However, historic records indicate that chemicals were burned in the Chemical Pit and may have formed dioxins and furans. The absence of dioxin and furan data beneath the Chemical Pit is a data gap.

Information on the hydrogeologic properties and other physical characteristics of the vadose zone at MDA C is generally lacking and is, therefore, identified as a data gap for completion of the CMS for MDA C. Information on the moisture content of tuff was collected from the Phase I RFI samples but only to a depth of approximately 316 ft bgs. Other relevant hydrogeologic information, as well as information on the water content of tuff at greater depths in the vadose zone, must be inferred from data obtained elsewhere at the Laboratory. Hydrogeologic properties such as saturated and unsaturated hydraulic conductivity, porosity, bulk density, chloride-ion concentration, and matric potential are also important parameters for evaluating the migration of liquid- and vapor-phase contaminants in the vadose zone. Such evaluation, usually performed using numerical models to simulate field conditions, provides support for conclusions on the nature and extent of contamination. It also helps to eliminate possible future migration of contaminants from the waste disposal units.

The hydrogeologic properties described above pertain primarily to the rock matrices of the geologic strata at MDA C. Some strata, specifically units of the Tshirege Member of the Bandelier Tuff, also contain fractures that can act as conduits for the migration of liquid- and vapor-phase contaminants in the vadose zone. Information from fractured rock that can be used to evaluate the potential role of fractures in contaminant migration includes fracture density, fracture apertures, the strike and dip of fractures, and information on the presence and characteristics of fracture coating and fill. Where fractures are encountered during coring of boreholes, a comparison of chemical concentration data from tuff

immediately adjacent to a fracture and tuff further from the fracture can also provide valuable information on the role of fractures in contaminant transport at MDA C.

B-4.4 Nature and Extent of Contamination in Subsurface Pore-Gas and VOC Surface Flux

TCE, PCE, and 1,1,1-trichloroethane (TCA) were the most frequently detected VOCs in pore-gas samples collected in 2000 and 2001 from borehole 50-09100 (north of Pit 5) and borehole 50-10131 (adjacent to the Chemical Pit). Data analysis has focused on TCE and PCE because these VOCs were detected at higher concentrations than TCA. TCE concentrations ranging from 10.0 to 15.0 ppmv were measured between 10 to 250 ft bgs in borehole 50-09100, and the concentrations do not decline in samples collected at the bottom of this borehole at 316 ft bgs (Figure D-29). PCE concentrations decreased with depth in borehole 50-09100 (Figure D-28). In borehole 50-10131, maximum TCE concentrations were approximately 5 to 10 times lower (between 1.0 and 2.0 ppmv) than at borehole 50-09100 (Figure D-26). PCE concentrations ranged from 1.0 to 2.0 ppmv at depths above 100 ft bgs in borehole 50-10131 and declined to 0.5 ppmv at the bottom of the borehole at 250 ft bgs (Figure D-25).

In January 2003, pore-gas samples were simultaneously collected in each of the 10 sampling ports in boreholes 50-09100 and 50-10131. Prior to January 2003, sampling of individual ports was sporadic, and the effect of temporal variability on VOC pore-gas concentrations was not known. However, the results from the 2003 sampling were consistent with the previous TCE and PCE data. The highest pore-gas concentrations of TCE in borehole 50-09100 was at 200 to 250 ft bgs, and concentrations of TCE decreased slightly in the two deeper sample intervals. By contrast, the highest concentrations of TCE and PCE in borehole 50-10131 are at 50 ft bgs.

In June and July 2000, 105 EMFLUX® samplers were placed across the surface of MDA C to estimate the surface flux of VOCs. PCE, followed by TCE, was the most frequently detected VOC, with measured fluxes ranging up to approximately 200 and 60 ng/m^2-min, respectively. PCE flux was highest in the area of the Chemical Pit and at a location on the southern edge of Pit 5 (Figure D-27). There were also frequent measurements of PCE at fluxes of approximately 10 to 30 ng/m^2–min between Pits 1 and 3 and in the western regions of Pits 2 and 4.

Near-surface pore-gas tritium samples, collected at a depth of 2.5 ft bgs silica gel columns, were obtained at 15 locations across MDA C in February 2003. The highest measured tritium concentrations were north of Pit 6 (2500 pCi/mL), and in an area west of the northern portion of Shaft Group 3 where no subsurface disposal units exist. Tritium pore-gas samples from directly above Pit 6, including a location just south of the high concentration north of Pit 6, do not indicate such high concentrations. The elevated concentration of tritium west of Shaft Group 3 may be related to a release from these shafts; moreover, concentrations of tritium in pore-gas from borehole 50-09106 near this location are also relatively high. Relatively high tritium pore-gas concentrations were measured on the western areas of Pits 2 and 3 as well. A tritium source at the northern portion of Shaft Group 3 could possibly explain these measurements. Near-surface pore-gas tritium concentrations are shown in Figure D-32.

B-4.4.1 Data Gaps Related to Subsurface Pore Gas and VOC Surface Flux

With only two vertical boreholes, data are inadequate to define the lateral extent of vapor phase VOCs in subsurface tuff. Based on VOC surface-flux measurements and the pore-gas data from 50-09100 and 50-10131, TCE and PCE are the most prevalent VOCs in the subsurface at MDA C. Surface flux measurements indicate that the highest near-surface VOC measurements are in the vicinity of the chemical disposal pit. In fact, VOC concentrations were greatest at shallower intervals in this location

(borehole 50-10131) than in borehole 50-09100. The nature and extent of VOCs in the vapor phase represents a data gap.

Phase I RFI data for tritium in subsurface tuff samples indicate that a release occurred in the subsurface at MDA C. The highest tritium concentrations were observed in pore tuff samples from angled boreholes beneath Pit 6, the same area where elevated metals concentrations in tuff were measured. Only a limited number of tritium samples have been collected in tuff samples beneath disposal units other than Pit 6. A comparison of tritium data from subsurface tuff samples and near-surface pore-gas samples shows a poor correlation of these data. RRES-RS has only started to collect pore-gas samples for tritium because the pore-gas samples are a better indication of tritium concentrations in the subsurface. For these reasons, the spatial extent of tritium in the subsurface is identified as a data gap

B-5.0 REFERENCES

AGS (Advanced Geological Services), September 2001. “Integrated Geophysical Investigation, MDA C and MDA H, Los Alamos National Laboratory, Los Alamos New Mexico, Contract No. 350256-001-01 86,” Report, Los Alamos, New Mexico. (AGS 2001, 73710)

AGS (Advanced Geological Services), September 2002. “Integrated Geophysical Investigation, Material Disposal Area C, TA-50, Los Alamos National Laboratory, Los Alamos, New Mexico,” Report, Los Alamos, New Mexico. (AGS 2001, 73711)

BES (BEACON Environmental Services), August 2003. “EMFLUX® Passive, Non-Invasive Soil-Gas Investigation, MDA C, Technical Area 50, Los Alamos National Laboratory, NM,” BEACON Report No. EM1044,” Forest Hill, Maryland. (BES 2000, 76046)

DOE (Department of Energy), November 1989. “LANL Sampling and Analysis Data Document,” Vol. 1, DOE Report EGG-ES-8204, Washington, D.C. (DOE 1989, 15364)

EPA (Environmental Protection Agency), April 1992. “EPA Guidance for Data Useability in Risk Assessment (Part A) Final Dated: April 1992,” EPA Publication 9285.7-09A, Washington, D.C. (EPA 1992, 54947.1)

LANL (Los Alamos National Laboratory), July 2003. “MDA C Waste Disposal Logbooks, 2587, 3478, 4644, 6030, 7277, 9293, 9593, 12442, and 11363, November 1948–September 1959,” Los Alamos Scientific Laboratory, Los Alamos, New Mexico. (LANL 2003, 76035)

LANL (Los Alamos National Laboratory), January 2003. “Sampling and Analysis Plan Addendum to the Operable Unit 1147 Work Plan for Material Disposal Area C (SWMU 50-009) at Technical Area 50, January 2003,” Los Alamos National Laboratory document LA-UR-03-0119, Los Alamos, New Mexico. (LANL 2003, 74067)

LANL (Los Alamos National Laboratory), July 1995. “Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory,” Los Alamos National Laboratory document LA-UR-98-4847, Los Alamos, New Mexico. (LANL 1998, 59730)

LANL (Los Alamos National Laboratory), July 1995. "Statement of Work–Analytical Support," Revision 2, RFP No. 9-XS1-Q4257, ER ID No. 49738, Los Alamos, New Mexico. (LANL 1995, 1278)

LANL (Los Alamos National Laboratory), May 1992. “RFI Work Plan for Operable Unit 1147 Environmental Restoration Program,” Los Alamos National Laboratory document, LA-UR-92-969, Los Alamos, New Mexico. (LANL 1992, 07672)

LASL (Los Alamos Scientific Laboratory), December 1970. Engineering Drawing ENG-R-1264, sheet number 3, prepared by University of California, Engineering Department, for Los Alamos Scientific Laboratory, Los Alamos, New Mexico. (LASL 1970, 38446)

LASL (Los Alamos Scientific Laboratory), June 1974. Engineering Drawing ENG-R-4459, prepared by University of California, Engineering Department, for Los Alamos Scientific Laboratory, Los Alamos, New Mexico. (LASL 1974, 76047)

McDonald, J. R., and D. N. Robertson, 1995. “Results of a Magnetometry Survey at TA-50, MDA C, Los Alamos National Laboratory,” Naval Research Laboratory document NRL/PU/6110-95-278, Washington, D.C. (McDonald and Robertson 1995, 56357)

Neleigh, D. W., December 1995. “Modification Request for Operable Unit 1147, Los Alamos National Laboratory (NM0890010515),” Los Alamos National Laboratory Letter to T. J. Taylor (DOE ER Program Manager) from D. W. Neleigh (Section Chief, EPA Region 6 [New Mexico] Federal Facilities), Los Alamos, New Mexico. (Neleigh 1995, 55112)

Rogers, M. A., June 1977. “History and Environmental Setting of LASL Near-Surface Land Disposal Facilities for Radioactive Wastes (Areas A, B, C, D, E, F, G, and T),” Los Alamos Scientific Laboratory report LA-6848-MS, Vols. I and II, Los Alamos, New Mexico. (Rogers 1977, 0216)

SEA (Scientific Engineering Associates, Inc.), October 1997. “Brief Tests of Passively Vented Boreholes at TA-54, MDA H, MDA J, and TA-50, MDA C during 1995 and 1996,” SEA-SF-TR-97-171,” Santa Fe, New Mexico. (SEA 1997, 76055)

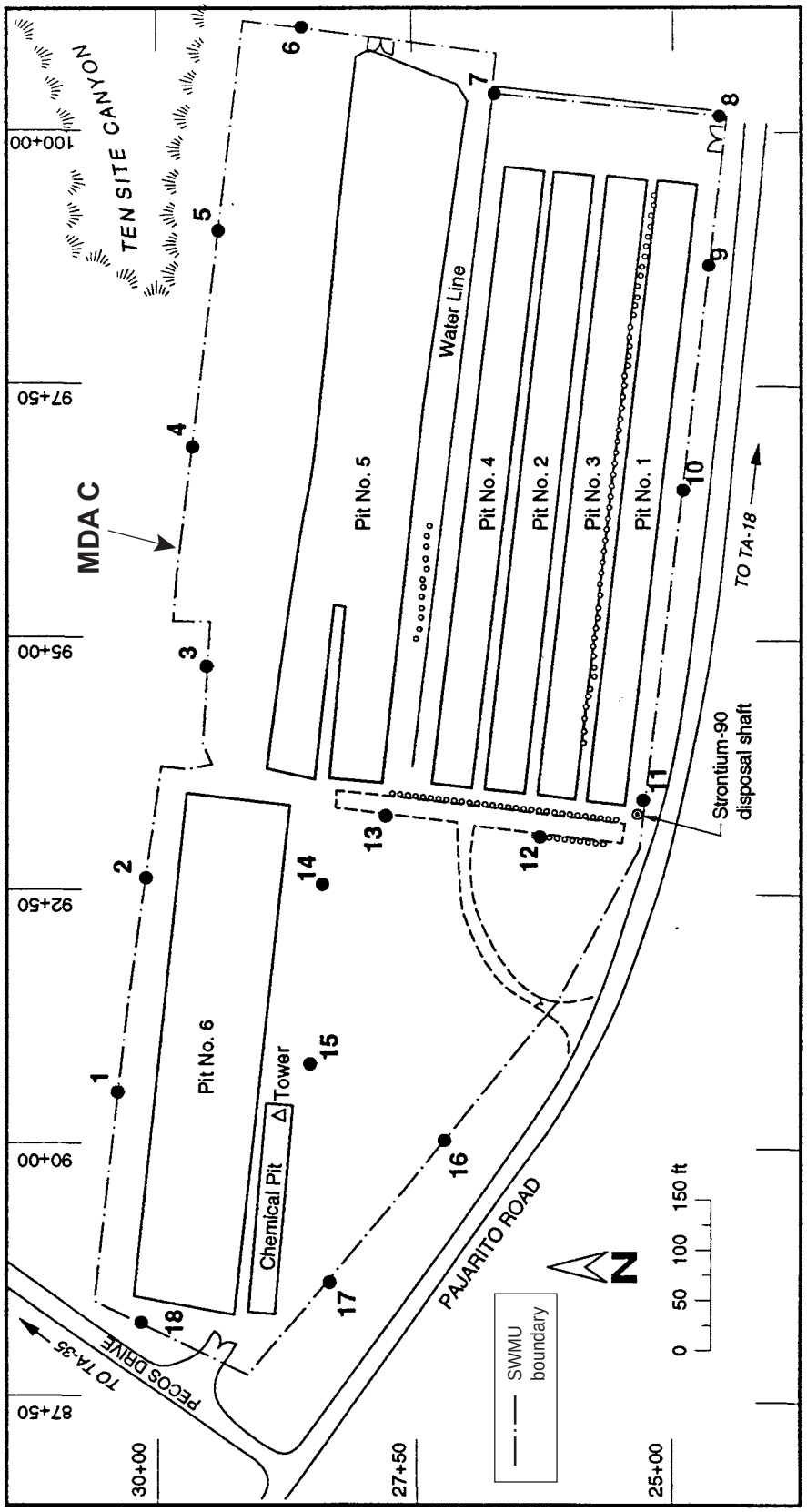
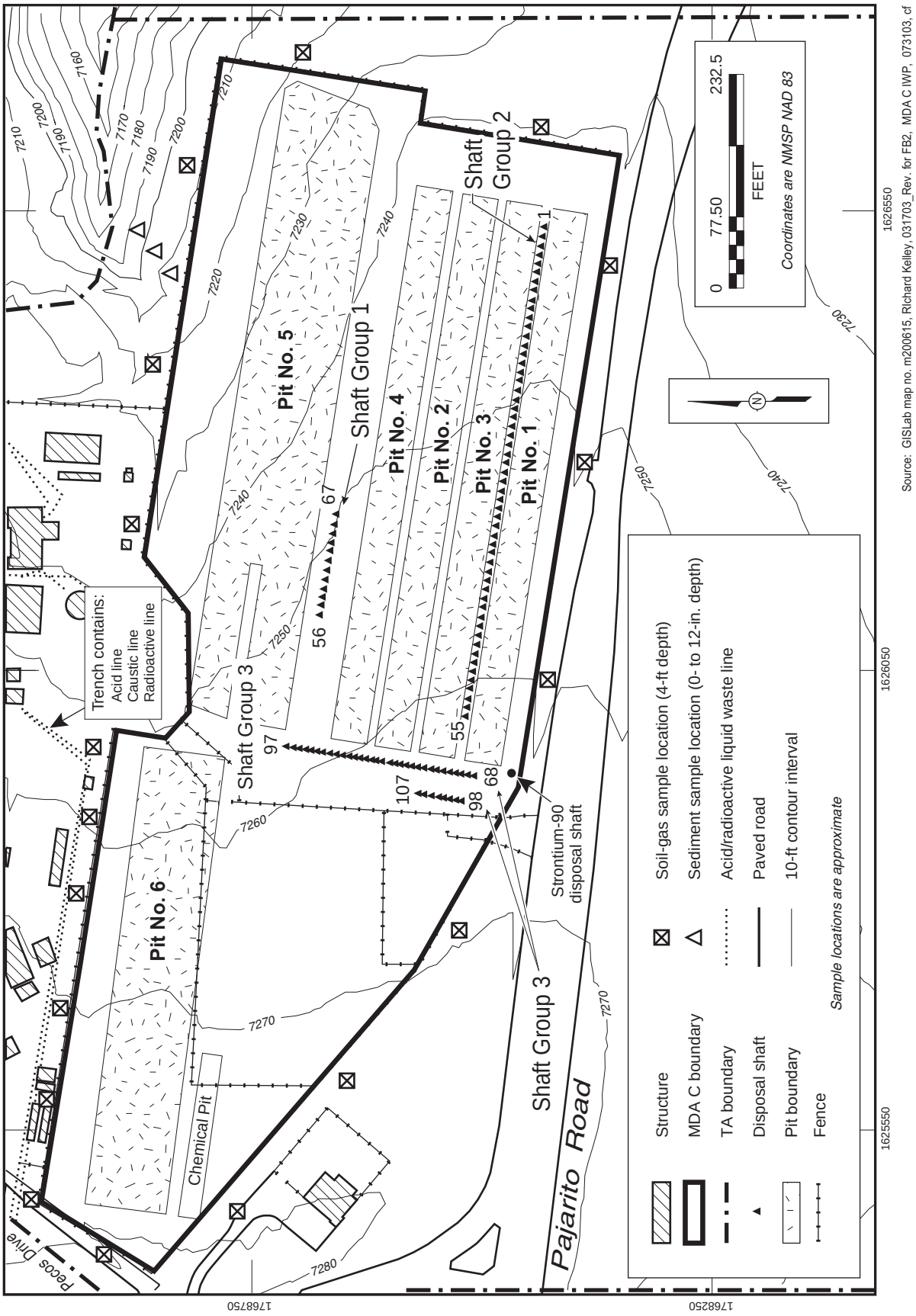


Figure B-1. Thermoluminescent dosimeter perimeter sampling locations at MDA C from 1985/1986



Source: GISLab map no. m200615, Richard Kelley, 031703_Rev. for FB2, MDA C IWP, 073103, cf

Figure B-2. Pre-RFI characterization sample locations—1989

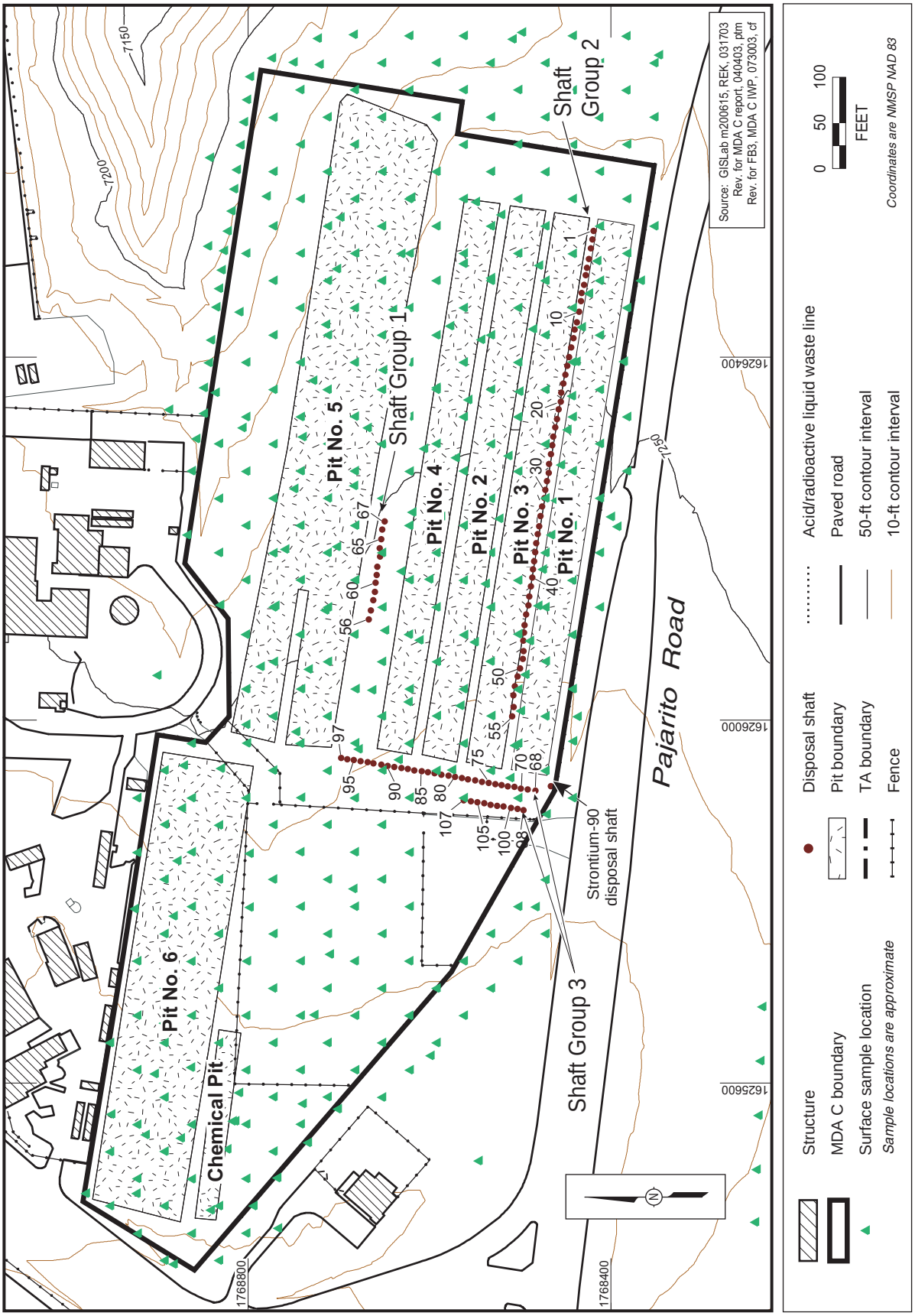
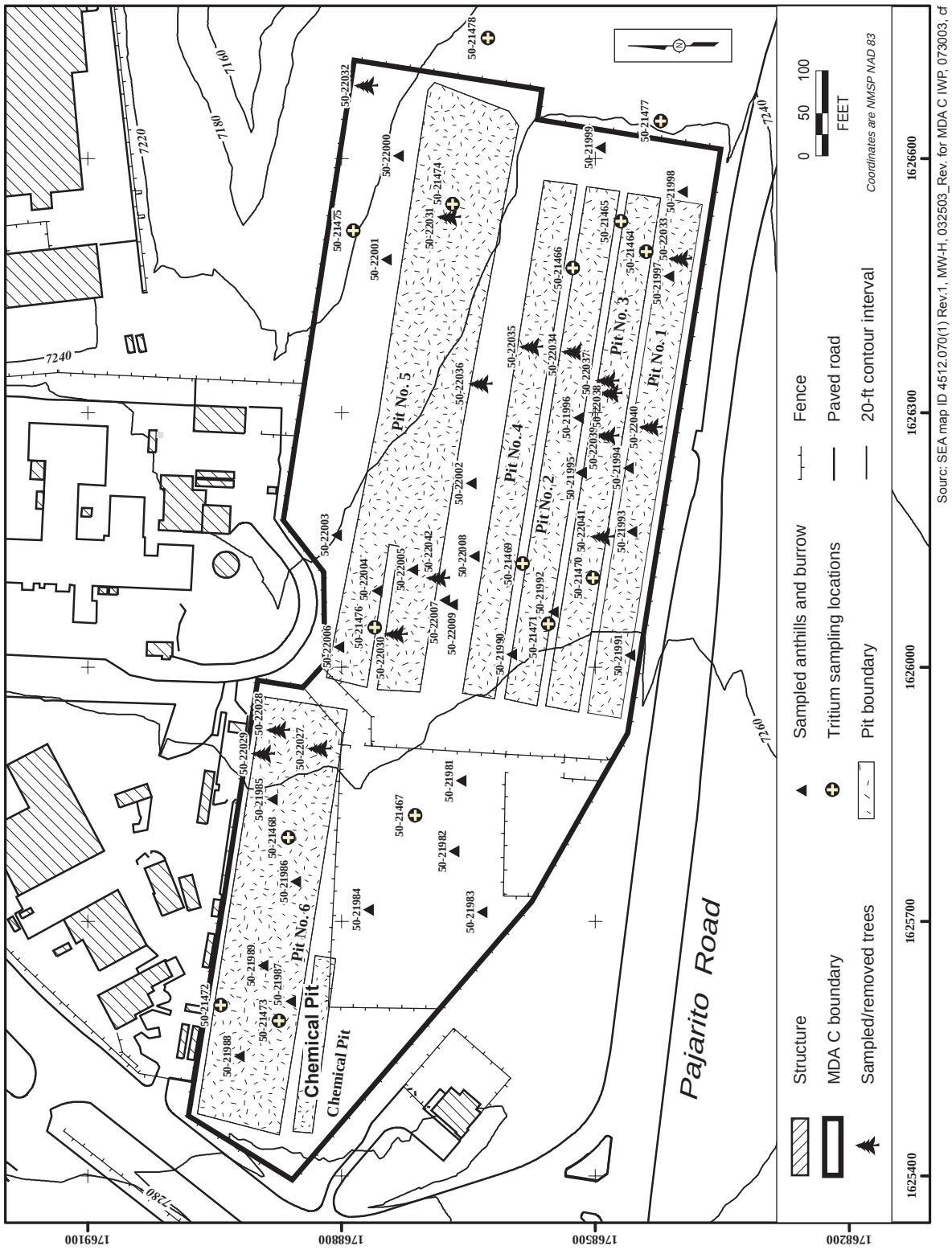


Figure B-3. Phase I RFI surface sample locations at MDA C—1995



Sourc: SEA map ID 4512.070(1) Rev.1, MW-H, 032503_Rev. for MDA C IWP, 073003, cf

Figure B-4. Locations of tritium probe and biota samples collected in 2003 at MDA C

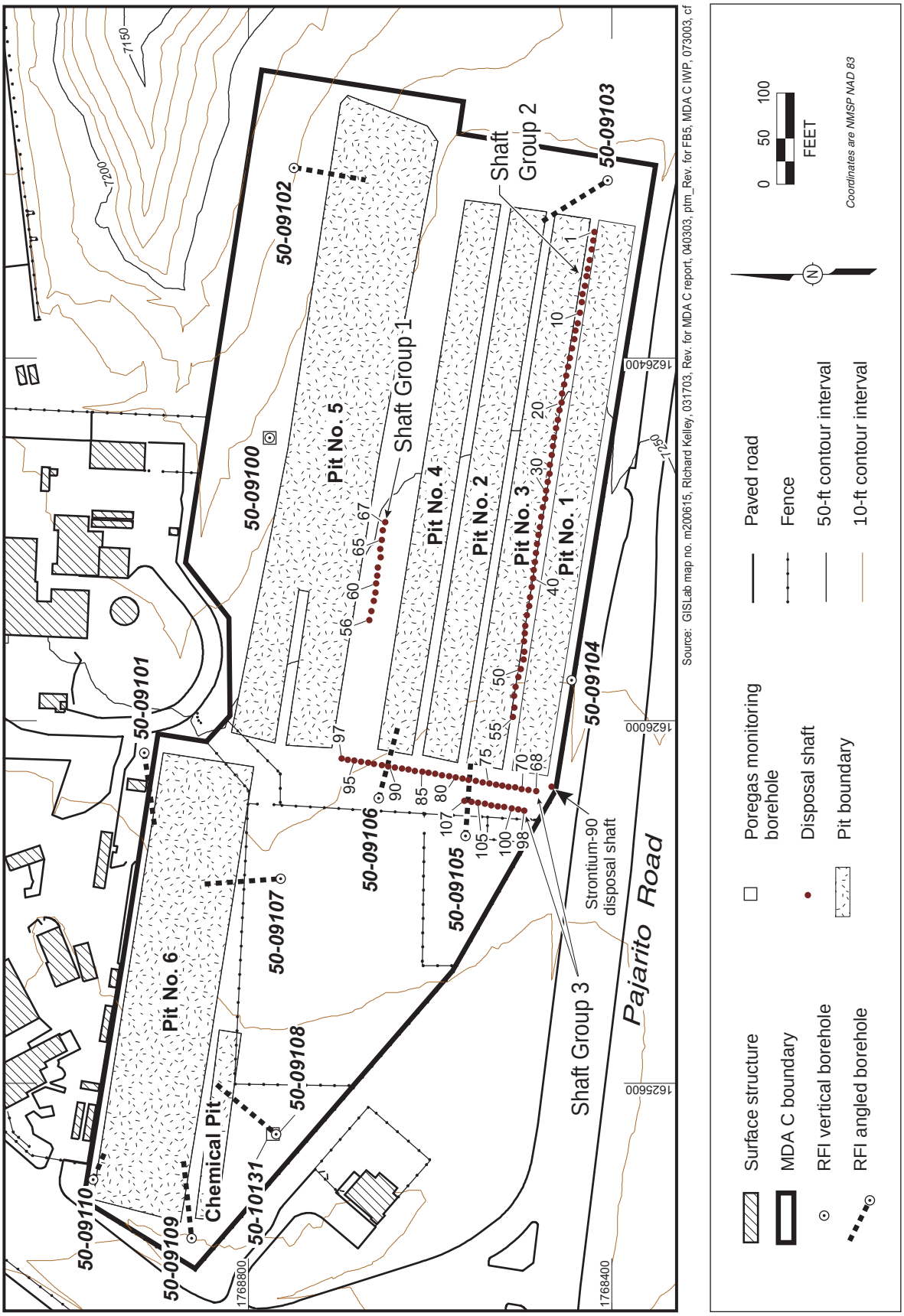


Figure B-5. Phase I RFI borehole locations at MDA C

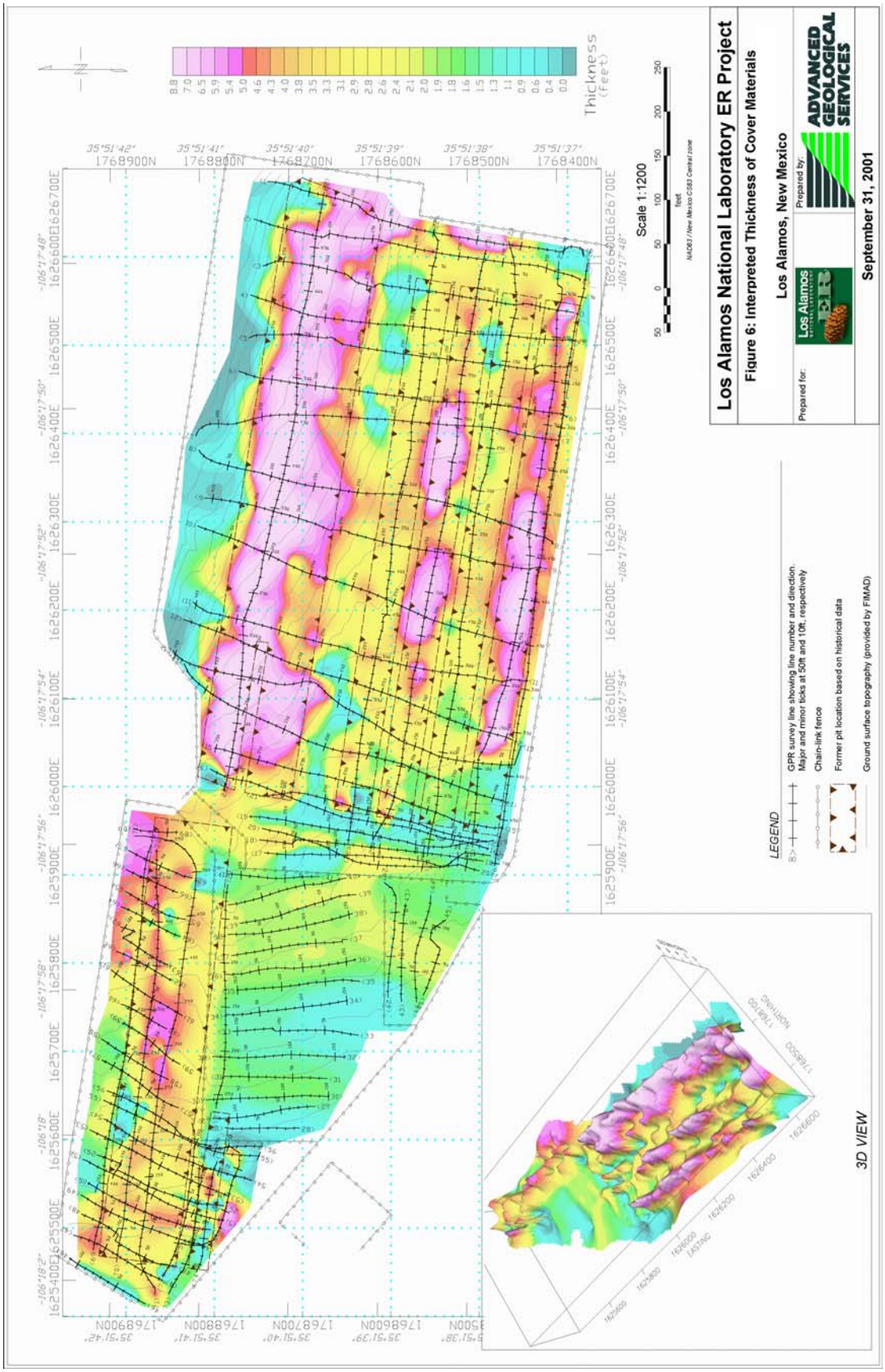


Figure B-6. Thickness of fill material at MDA C based on 2001 geophysical survey

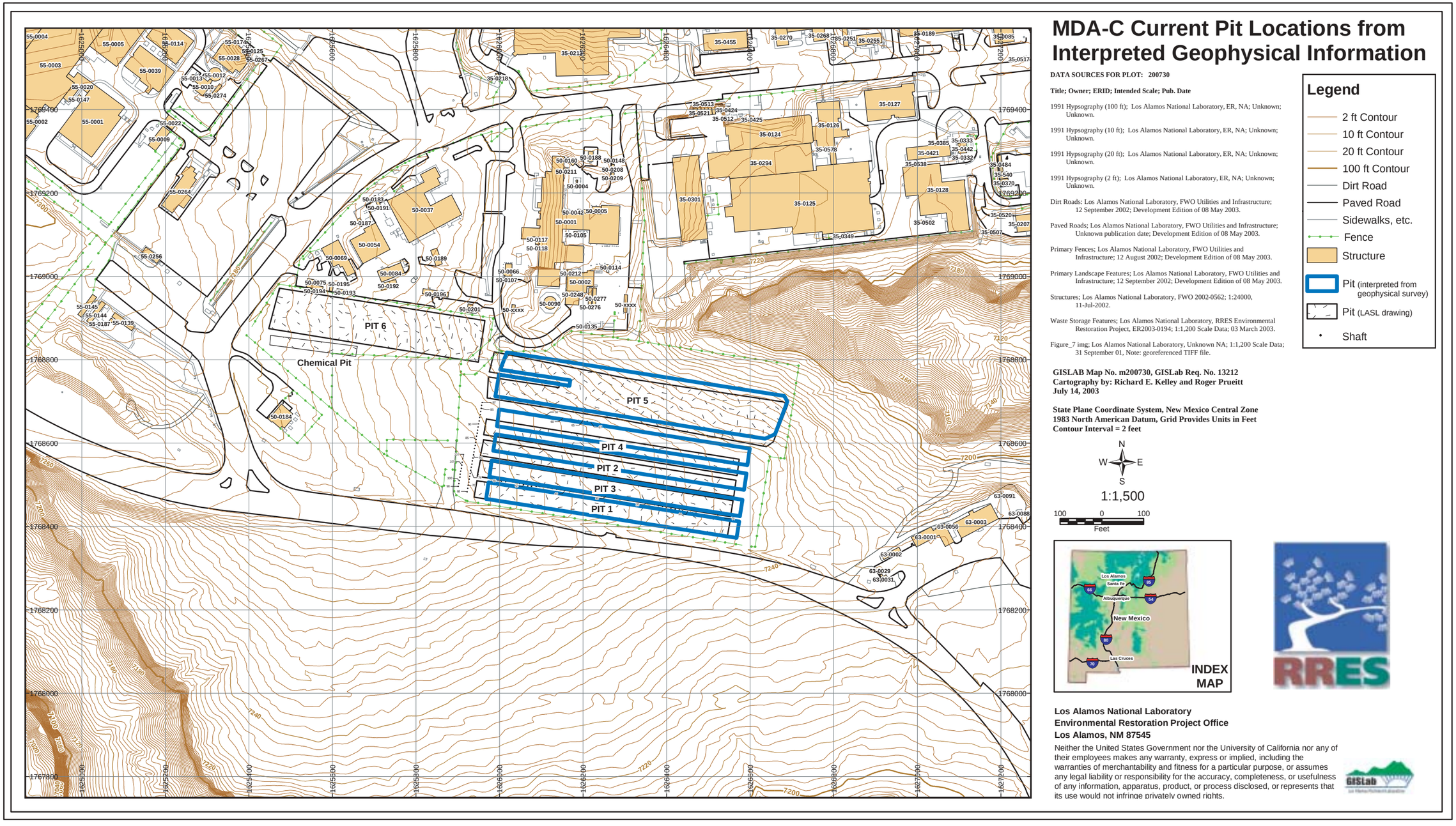


Figure B-7. Overlay of 2001/2002 geophysical surveys versus 1974 LASL engineering drawing to identify pit and shaft locations

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Table B-1
Dimensions of the Disposal Units at MDA C

Disposal Unit	Dimensions[a] (ft)	Period of Operations
Pit 1	610 x 40 x 25	1948–1951
Pit 2	610 x 40 x 25	1950–1951
Pit 3	610 x 40 x 25	1951–1953
Pit 4	610 x 40 x 25	1951–1955
Pit 5	705 x 110 x 18	1953–1959
Pit 6	505 x 100 x 25	1956–1959
Chemical Pit	180 x 25 x 12	1960–1964
Shaft Group 1 (12 [Shafts 56–67])	2 x 10	1959
Shaft Group 2 (55 [Shafts 1–55])	2 x 15	1959–1967
Shaft Group 3 (40 [Shafts 68–107])	1–2 x 20–25	1962–1966
Shaft 108 (Strontium-90 Disposal Shaft)	Unknown	1950s or 1960s

[a] As stated in Table 2-11 of the OU 1147 Work Plan, pit dimensions are length by width by depth; shaft dimensions are diameter by depth (LANL 1992, 07672). Dimensions are approximate.

[b] Shafts 98–107 are 1 ft in diameter and lined with 12-in.-thick concrete. Shafts 68–97 are 2 ft in diameter and unlined.

Table B-2
Summary of Work Plan Specifications, Actual Fieldwork, and Rationale for Deviations

Media	Work Plan Specification[a]		Actual Fieldwork Performed		Rationale for Deviation
	Sample Number	Analytes Measured	Sample Number	Analytes Measured	
Surface soil and fill	223	Semivolatile organic compounds (SVOCs), inorganic chemicals, gamma spec, tritium, isotopic Pu, Sr-90, total uranium, Am-241.	203 samples were collected and screened for gross alpha, beta, and gamma 68 samples submitted to an off-site contract laboratory.	59 samples analyzed for PCBs/pesticides. 68 samples analyzed for SVOCs, inorganic chemicals (limited list of metals), gamma spec, Sr-90, Am-241, isotopic Pu, isotopic U. 59 samples analyzed for tritium but data were not used.	20 of the originally planned samples were not collected because the locations were covered by asphalt.
Tuff	See proposed drilling modifications (LANL 1995, 49969) called for 20-ft sampling interval, all samples to be analyzed by mobile labs, only 2 samples per borehole for fixed lab analysis.	SVOCs, VOCs, inorganic chemicals, gamma spec, tritium, isotopic Pu, Sr-90, total uranium	82 total: 67 in 1995 15 in 1996 from curated core	SVOCs, VOCs, pesticides and PCBs, inorganic chemicals, cyanide, gamma spec, tritium, Am-241, isotopic Pu, isotopic U, isotopic Th, Sr-90 82 TAL metals except Sb (76), Cn (61) 82 radionuclides 67 tritium, SVOCs 54 VOCs, PCBs, and pesticides.	The 6 vertical boreholes specified in the Work Plan were to be 80 ft deep and the 4 angled holes were to range in length from 483 to 706 ft bgs; the 2 vertical boreholes drilled were 90 and 316 ft deep and the 9 angled boreholes drilled ranged in length from 91 to 120 ft bgs. Samples were collected for field screening every 5 feet; one sample per 20 feet was submitted to a fixed contract laboratory based on the proposed Work Plan modifications. EPA's response to LANL's proposed drilling modifications maintained the 10-ft sampling interval requirement in all boreholes (Neleigh 1995, 55112). Phase I RFI fieldwork was already completed so additional core samples (15 of the 82) were collected from curated core and submitted to an offsite contract laboratory for analysis in 1996. The RFI work plan specified locations for boreholes. Actual borehole locations were selected to maximize the area sampled and avoid obstacles such as buried utilities and waste.

Table B-2 (continued)

Media	Work Plan Specification[a]		Actual Fieldwork Performed		Rationale for Deviation
	Sample Number	Analytes Measured	Sample Number	Analytes Measured	
Pore gas	n/a[b]	n/a	34	VOCs	VOCs don't adsorb to the tuff matrix; gas phase analysis provides information about the nature and extent of VOCs in the subsurface
Near-surface pore gas	n/a	n/a	15	Tritium	15 shallow pore-gas vapor probes were installed across MDA C to identify potential locations of tritium releases to the atmosphere
VOC surface flux	n/a	n/a	105	VOCs	Surface flux data can help identify lateral extent of subsurface VOC contamination
Biota – ant mounds and burrow spoils	Not specified	N/A	29	Gross alpha, beta and gamma radiation	Biota samples were collected and analyzed to determine if there has been any uptake of contaminants at MDA C.
Biota – Ponderosa pine needles	Not specified	N/A	16	Gross alpha, beta and gamma radiation	Biota samples were collected and analyzed to determine if there has been any uptake of contaminants at MDA C.
Air-flow monitoring	Not specified	scfm[c]	6 boreholes	scfm of air	Air-flow monitoring was performed at six boreholes to provide additional data to assess potential contaminant transport at MDA C

[a] Based on proposed modifications to the RFI Work Plan for OU 1147 for drilling and core sampling at MDA C to EPA based on a July 7, 1995 meeting with EPA (LANL 1995, 49969)

[b] n/a = Not applicable.

[c] scfm = Standard cubic feet per minute.

Table B-3
Summary of Phase I RFI Surface Soil and Fill Samples at MDA C

Sample ID	Location ID	Depth (ft)	Media	Limited List TAL Metals[a]	PCBs	SVOCs	Am-241	Gamma Spectroscopy	Isotopic Plutonium	Isotopic Uranium	Sr-90
AAA3153	50-08010	0–0.5	Fill	14924[b]	14927	14927	14925	14925	14925	14925	14925
AAA3154	50-08062	0–0.5	Fill	14924	14927	14927	14925	14925	14925	14925	14925
AAA3155	50-08064	0–0.5	Fill	14924	14927	14927	14925	14925	14925	14925	14925
AAA3156	50-08106	0–0.5	Fill	14924	14927	14927	14925	14925	14925	14925	14925
AAA3157	50-08110	0–0.5	Fill	14924	14927	14927	14925	14925	14925	14925	14925
AAA3158	50-08116	0–0.5	Fill	14924	14927	14927	14925	14925	14925	14925	14925
AAA2797	50-08126	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA3242	50-08131	0–0.5	Fill	15092	—[c]	15089	15093	15093	15093	15093	15093
AAA2798	50-08134	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA3243	50-08137	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA3244	50-08139	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA3159	50-08156	0–0.5	Fill	14924	14927	14927	14925	14925	14925	14925	14925
AAA3160	50-08162	0–0.5	Fill	14924	14927	14927	14925	14925	14925	14925	14925
AAA3189	50-08168	0–0.5	Fill	14952	14949	14949	14948	14948	14948	14948	14948
AAA2799	50-08176	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA2800	50-08180	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA3245	50-08185	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA3246	50-08189	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA3247	50-08193	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA2801	50-08194	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA3248	50-08195	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA3190	50-08214	0–0.5	Fill	14952	14949	14949	14948	14948	14948	14948	14948
AAA3191	50-08216	0–0.5	Fill	14952	14949	14949	14948	14948	14948	14948	14948
AAA2802	50-08222	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA2803	50-08224	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA2804	50-08226	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA2805	50-08228	0–0.5	Fill	14867	14865	14865	14866	14866	14866	14866	14866
AAA3249	50-08231	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA3092	50-08240	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869
AAA3093	50-08244	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869
AAA3250	50-08245	0–0.5	Fill	15092	—	15089	15093	15093	15093	15093	15093
AAA3192	50-08266	0–0.5	Fill	14952	14949	14949	14948	14948	14948	14948	14948
AAA3094	50-08274	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869
AAA3095	50-08286	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869
AAA3096	50-08290	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869

Table B-3 (continued)

Sample ID	Location ID	Depth (ft)	Media	Limited List TAL Metals[a]	PCBs	SVOCs	Am-241	Gamma Spectroscopy	Isotopic Plutonium	Isotopic Uranium	Sr-90
AAA3193	50-08312	0–0.5	Fill	14952	14949	14949	14948	14948	14948	14948	14948
AAA3097	50-08324	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869
AAA3098	50-08326	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869
AAA3099	50-08328	0–0.5	Fill	14873	14870	14870	14869	14869	14869	14869	14869
AAA3118	50-08336	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3119	50-08340	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3120	50-08342	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3121	50-08370	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3122	50-08374	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3123	50-08386	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3124	50-08428	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3125	50-08432	0–0.5	Fill	14887	14889	14889	14890	14890	14890	14890	14890
AAA3147	50-08436	0–0.5	Fill	14914	14880	14880	14916	14916	14916	14916	14916
AAA3148	50-08438	0–0.5	Fill	14914	14880	14880	14916	14916	14916	14916	14916
AAA3149	50-08440	0–0.5	Fill	14914	14880	14880	14916	14916	14916	14916	14916
AAA3151	50-08486	0–0.5	Fill	14914	14880	14880	14916	14916	14916	14916	14916
AAA3152	50-08492	0–0.5	Fill	14914	14880	14880	14916	14916	14916	14916	14916
AAA2768	50-08086	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA2769	50-08088	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA3143	50-08102	0–0.5	Soil	14914	14880	14880	14916	14916	14916	14916	14916
AAA2770	50-08136	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA2771	50-08138	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA2772	50-08140	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA2773	50-08142	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA2774	50-08144	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA3144	50-08154	0–0.5	Soil	14914	14880	14880	14916	14916	14916	14916	14916
AAA2775	50-08346	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA3145	50-08364	0–0.5	Soil	14914	14880	14880	14916	14916	14916	14916	14916
AAA2776	50-08396	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA3146	50-08418	0–0.5	Soil	14914	14880	14880	14916	14916	14916	14916	14916
AAA2777	50-08446	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA2778	50-08474	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845
AAA2779	50-08494	0–0.5	Soil	14841	14840	14840	14845	14845	14845	14845	14845

[a] Limited list metals include: antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, potassium, selenium, silver, and thallium b Sample request number.

[b] Dash means sample not analyzed for this suite.

[c] Dash means sample not analyzed for the suite.

Table B-4
Tree Sampling Information from MDA C

Tree Sample ID	Location ID	Approximate Age (Years)	Pine Needle Analysis
T-1	50-22027	8	Gross alpha, beta, and gamma
T-2	50-22028	17	Gross alpha, beta, and gamma
T-3	50-22029	10	Gross alpha, beta, and gamma
T-4	50-22030	18	Gross alpha, beta, and gamma
T-5	50-22042	14	Gross alpha, beta, and gamma
T-6	50-22036	9	Gross alpha, beta, and gamma
T-7	50-22035	12	Gross alpha, beta, and gamma
T-8	50-22031	15	Gross alpha, beta, and gamma
T-9	50-22032	17	Gross alpha, beta, and gamma
T-10	50-22034	11	Gross alpha, beta, and gamma
T-11	50-22038	9	Gross alpha, beta, and gamma
T-12	50-22037	11	Gross alpha, beta, and gamma
T-13	50-22033	10	Gross alpha, beta, and gamma
T-14	50-22040	18	Gross alpha, beta, and gamma
T-15	50-22039	9	Gross alpha, beta, and gamma
T-16	50-22041	No sample*	Gross alpha, beta, and gamma

*Sample not delivered for tree ring dating.

Table B-5
Summary of Phase I RFI Boreholes at MDA C

Borehole ID	Declination (°)	Azimuth (°)	Surface Elevation (ft)	Borehole Length (ft)	Vertical Depth (ft)	Total Depth Elevation (ft)	Surface Projection (ft)	Total Depth Formation	NAD83[a]		Drilling Dates	Borehole Completion	Adjacent Disposal Unit
									Northing	Easting			
50-09100	90.0	n/a[b]	7233.0	316.0	316.0	6917.0	0.0	Qct	1768776	1626312	7/17–31/95	Vapor Monitoring	Pit 5
50-09101	45.0	S 82 W	7253.0	117.0	82.7	7170.3	82.7	Qbt 3	1768915	1625964	9/20–22/95	Backfilled	Pit 6
50-09102	45.0	S 10 W	7219.0	110.0	77.8	7141.2	77.8	Qbt 3	1768750	1626610	8/2–8/95	Backfilled	Pit 5
50-09103	45.0	N 32 W	7242.0	120.0	84.9	7157.1	84.9	Qbt 3	1768404	1626596	8/17–22/95	Backfilled	Pits 1 and 3
50-09104	90.0	NA	7260.0	90.0	90.0	7170.0	0.0	Qbt 3	1768444	1626044	8/15–17/95	Backfilled	Pit 1
50-09105	45.0	S 86 E	7265.0	120.0	84.9	7180.1	84.9	Qbt 3	1768561	1625873	8/23–28/95	Backfilled	Shaft Group 3
50-09106	45.0	S 75 E	7261.0	120.0	84.9	7176.1	84.9	Qbt 3	1768656	1625915	8/9–15/95	Backfilled	Shaft Group 3/ Pit 4
50-09107	45.0	N 4 W	7262.0	118.0	83.4	7178.6	83.4	Qbt 3	1768764	1625826	8/28–30/95	Backfilled	Pit 6
50-09108	45.0	N 40 E	7275.0	120.0	84.9	7190.1	84.9	Qbt 3	1768770	1625544	8/30–9/11/95	Backfilled	Chemical Pit/ Pit 6
50-09109	45.0	N 84 E	7279.0	120.0	84.9	7194.1	84.9	Qbt 3	1768863	1625429	9/11–14/95	Backfilled	Pit 6
50-09110	70.0	S 67 E	7278.0	91.0	85.5	7192.5	31.1	Qbt 3	1768971	1625494	9/15–19/95	Backfilled	Pit 6
50-10131	90.0	n/a	7275.6	355	355	6920.6	0.0	Qct	1768774	1625545	6/21-6/25/01	Vapor Monitoring	Chemical Pit

[a] North American Datum of 1983.
[b] n/a=Not applicable.

Table B-6
Summary of Phase I RFI Subsurface Tuff Samples Collected at MDA C

Sample ID	Location ID	Depth (ft)	Media	Cyanide	TAL Metals	Pesticides/ PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	H-3	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Sr-90
0550-95-0362	50-09100	10.6–12.6	Qbt 3	699	699	—[a]	698	—	700	700	700	700	700	700	700
0550-95-0365	50-09100	26.5–28.5	Qbt 3	722	722	—	721	—	723	723	723	723	723	723	723
0550-96-0100[b]	50-09100	32.7–33.7	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0368	50-09100	41.5–43.5	Qbt 3	722	722	—	721	—	723	723	723	723	723	723	723
0550-95-0371	50-09100	58.2–60	Qbt 3	722	722	—	721	—	723	723	723	723	723	723	723
0550-95-0374	50-09100	71.5–73.5	Qbt 2	735	735	—	734	—	736	736	736	736	736	736	736
0550-95-0383	50-09100	115.1–116.9	Qbt 2	761	761	—	760	—	762	762	762	762	762	762	762
0550-95-0392	50-09100	161.3–163.1	Qbt 1v	761	761	—	760	—	762	762	762	762	762	762	762
0550-95-0284	50-09101	15–17	Qbt 3	1187	1187	1185	1185	1185	1189	1189	1189	1189	1189	1189	1189
0550-96-0101[b]	50-09101	26.85–27.85	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0289	50-09101	35–36.2	Qbt 3	1187	1187	1185	1185	1185	1189	1189	1189	1189	1189	1189	1189
0550-96-0102[b]	50-09101	44–45.1	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0294	50-09101	55–55.7	Qbt 3	1187	1187	1185	1185	1185	1189	1189	1189	1189	1189	1189	1189
0550-96-0103[b]	50-09101	62.5–63.2	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0299	50-09101	75–77	Qbt 3	1187	1187	1185	1185	1185	1189	1189	1189	1189	1189	1189	1189
0550-95-0304	50-09101	96–98	Qbt 3	1187	1187	1185	1185	1185	1189	1189	1189	1189	1189	1189	1189
0550-95-0309	50-09101	112–114.5	Qbt 3	1187	1187	1185	1185	1185	1189	1189	1189	1189	1189	1189	1189
0550-95-0004	50-09102	16–19	Qbt 3	820	820	—	800	—	821	821	821	821	821	821	821
0550-95-0009	50-09102	37–40.9	Qbt 3	820	820	—	800	—	821	821	821	821	821	821	821
0550-95-0014	50-09102	57–60	Qbt 3	820	820	—	800	—	821	821	821	821	821	821	821
0550-95-0019	50-09102	73.2–76	Qbt 3	877	877	—	—	—	878	878	878	878	878	878	878
0550-95-0024	50-09102	95–97	Qbt 3	877	877	—	876	—	878	878	878	878	878	878	878
0550-95-0029	50-09102	108–110	Qbt 3	877	877	—	876	—	878	878	878	878	878	878	878

Table B-6 (continued)

Sample ID	Location ID	Depth (ft)	Media	Cyanide	TAL Metals	Pesticides/ PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	H-3	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Sr-90
0550-95-0104	50-09103	18.5–20.8	Qbt 3	987	987	986	986	986	988	988	988	988	988	988	988
0550-95-0109	50-09103	36–38.8	Qbt 3	987	987	986	986	986	988	988	988	988	988	988	988
0550-96-0104	50-09103	46.5–47.82	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0114	50-09103	56–58.8	Qbt 3	987	987	986	986	986	988	988	988	988	988	988	988
0550-95-0119	50-09103	78–80	Qbt 3	987	987	986	986	986	988	988	988	988	988	988	988
0550-95-0124	50-09103	94.7–98	Qbt 3	987	987	986	986	986	988	988	988	988	988	988	988
0550-95-0129	50-09103	114.8–116.8	Qbt 3	987	987	986	986	986	988	988	988	988	988	988	988
0550-95-0075	50-09104	10.9–12.9	Qbt 3	946	946	945	945	945	947	947	947	947	947	947	947
0550-95-0079	50-09104	26.3–28	Qbt 3	946	946	945	945	945	947	947	947	947	947	947	947
0550-95-0083	50-09104	36.6–38.6	Qbt 3	—	946	945	945	945	947	947	947	947	947	947	947
0550-96-0105[b]	50-09104	44.1–45.1	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0087	50-09104	58–60	Qbt 3	946	946	945	945	945	947	947	947	947	947	947	947
0550-95-0095	50-09104	79–81	Qbt 3	946	946	945	945	945	947	947	947	947	947	947	947
0550-95-0099	50-09104	85–87	Qbt 3	946	946	945	945	945	947	947	947	947	947	947	947
0550-95-0135	50-09105	16.1–18.5	Qbt 3	—	1014	1013	1013	1013	1015	1015	1015	1015	1015	1015	1015
0550-95-0140	50-09105	35–38	Qbt 3	—	1014	1013	1013	1013	1015	1015	1015	1015	1015	1015	1015
0550-95-0145	50-09105	57–59	Qbt 3	—	1014	1013	1013	1013	1015	1015	1015	1015	1015	1015	1015
0550-96-0106[b]	50-09105	62.1–63	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0150	50-09105	77–79.7	Qbt 3	—	1014	1013	1013	1013	1015	1015	1015	1015	1015	1015	1015
0550-95-0155	50-09105	97–99.8	Qbt 3	—	1014	1013	1013	1013	1015	1015	1015	1015	1015	1015	1015
0550-95-0160	50-09105	117.7–120	Qbt 3	1018	1018	1017	1017	1017	1024	1024	1024	1024	1024	1024	1024
0550-95-0046	50-09106	27.5–30.5	Qbt 3	864	864	863	863	863	867	867	867	867	867	867	867
0550-95-0050	50-09106	41–44	Qbt 3	908	908	907	907	907	922	922	922	922	922	922	922
0550-95-0054	50-09106	56.5–58.5	Qbt 3	908	908	907	907	907	922	922	922	922	922	922	922

Table B-6 (continued)

Sample ID	Location ID	Depth (ft)	Media	Cyanide	TAL Metals	Pesticides/ PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	H-3	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Sr-90
0550-95-0058	50-09106	70.5–73	Qbt 3	908	908	907	907	907	922	922	922	922	922	922	922
0550-95-0063	50-09106	86–88.5	Qbt 3	908	908	907	907	907	922	922	922	922	922	922	922
0550-95-0067	50-09106	102–104	Qbt 3	908	908	907	907	907	922	922	922	922	922	922	922
0550-95-0071	50-09106	115.5–118	Qbt 3	908	908	907	907	907	922	922	922	922	922	922	922
0550-95-0166	50-09107	14–15.8	Qbt 3	1047	1047	1046	1046	1046	1048	1048	1048	1048	1048	1048	1048
0550-95-0171	50-09107	36–39	Qbt 3	1047	1047	1046	1046	1046	1048	1048	1048	1048	1048	1048	1048
0550-96-0107[b]	50-09107	46.9–48.5	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0176	50-09107	57–59	Qbt 3	1047	1047	1046	1046	1046	1048	1048	1048	1048	1048	1048	1048
0550-96-0108[b]	50-09107	66.2–67	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0181	50-09107	75–78.6	Qbt 3	1047	1047	1046	1046	1046	1048	1048	1048	1048	1048	1048	1048
0550-95-0186	50-09107	95–97	Qbt 3	1047	1047	1046	1046	1046	1048	1048	1048	1048	1048	1048	1048
0550-95-0191	50-09107	108–111	Qbt 3	1047	1047	1046	1046	1046	1048	1048	1048	1048	1048	1048	1048
0550-95-0195	50-09108	15–16.8	Qbt 3	1090	1090	1089	1089	1089	1091	1091	1091	1091	1091	1091	1091
0550-96-0109[b]	50-09108	24.5–25.5	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0200	50-09108	37–38.6	Qbt 3	1090	1090	1089	1089	1089	1091	1091	1091	1091	1091	1091	1091
0550-96-0110[b]	50-09108	44.9–45.9	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0205	50-09108	57–59	Qbt 3	1090	1090	1089	1089	1089	1091	1091	1091	1091	1091	1091	1091
0550-95-0210	50-09108	76.6–78.6	Qbt 3	1090	1090	1089	1089	1089	1091	1091	1091	1091	1091	1091	1091
0550-95-0215	50-09108	95.5–97.5	Qbt 3	1126	1126	1125	1125	1125	1128	1128	1128	1128	1128	1128	1128
0550-95-0220	50-09108	112–115	Qbt 3	1126	1126	1125	1125	1125	1128	1128	1128	1128	1128	1128	1128
0550-95-0226	50-09109	18.2–20.2	Qbt 3	1150	1150	1149	1149	1149	1148	1148	1148	1148	1148	1148	1148
0550-95-0231	50-09109	34.1–36	Qbt 3	1150	1150	1149	1149	1149	1148	1148	1148	1148	1148	1148	1148
0550-96-0111[b]	50-09109	46–47	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0236	50-09109	57.8–60	Qbt 3	1150	1150	1149	1149	1149	1148	1148	1148	1148	1148	1148	1148

Table B-6 (continued)

Sample ID	Location ID	Depth (ft)	Media	Cyanide	TAL Metals	Pesticides/ PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	H-3	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Sr-90
0550-96-0112[b]	50-09109	66–67	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0246	50-09109	77.4–79.7	Qbt 3	1163	1163	1162	1162	1162	1164	1164	1164	1164	1164	1164	1164
0550-95-0251	50-09109	88.6–88.8	Qbt 3	1163	1163	1162	1162	1162	1164	1164	1164	1164	1164	1164	1164
0550-95-0241	50-09109	113–114.7	Qbt 3	1163	1163	1162	1162	1162	1164	1164	1164	1164	1164	1164	1164
0550-95-0259	50-09110	17–19	Qbt 3	1177	1177	1176	1176	1176	1178	1178	1178	1178	1178	1178	1178
0550-96-0113[b]	50-09110	24.1–24.8	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0264	50-09110	38–40	Qbt 3	1177	1177	1176	1176	1176	1178	1178	1178	1178	1178	1178	1178
0550-96-0114[b]	50-09110	48.5–49.5	Qbt 3	—	1834	—	—	—	1835	1835	—	1835	1835	1835	1835
0550-95-0269	50-09110	59–60.8	Qbt 3	1177	1177	1176	1176	1176	1178	1178	1178	1178	1178	1178	1178
0550-95-0274	50-09110	74–76.6	Qbt 3	1177	1177	1176	1176	1176	1178	1178	1178	1178	1178	1178	1178
0550-95-0279	50-09110	88–89.4	Qbt 3	1177	1177	1176	1176	1176	1178	1178	1178	1178	1178	1178	1178

[a] Dash indicates sample not analyzed for this suite.

[b] Tuff sample collected from curated core.

Table B-7
Results of Field Radioactivity Screening on Ant Mound Material

Ant Mound	Field Screening Beta-Gamma Disintegrations per Minute
6R*	414
10R*	447
15R	459
2R*	459
8R	459
5R	488
1R*	509
14R*	515
3R	530
4R*	538
11R	550
7R*	550
9R*	567
13R*	612

* Sample submitted to American Radiological Services of NM (ARS) for gross alpha, beta and gamma radiation analysis.

Table B-8
Results of Field Radioactivity Screening on Mammal Burrow Spoil Material

Burrow Spoil	Field Screening Beta-Gamma Disintegrations per Minute	Burrow Spoil	Field Screening Beta-Gamma Disintegrations per Minute	Burrow Spoil	Field Screening Beta-Gamma Disintegrations per Minute
3B[a]	418	33B	534	41B[a]	608
15B[a]	423	7B	534	51B	612
25B[a]	476	18B	538	43B	621
20B	480	6B	542	23B[a]	625
46B	480	44B	546	26B[a]	625
19B[a]	484	11B	554	4B	625
1B	488	37B	554	39B[a]	629
42B[a]	488	54B	554	49B	633
9B	488	13B	558	56B	654
14B	496	44B[b]	563	50B	658
40B	496	12b[a]	567	52B	660
22B	509	28B	567	31B	662
53B	509	58B	567	55B[a]	769
5B[a]	509	27B	571	—	—
10B	513	2B	575	—	—
30B	513	57B	579	—	—
60B	513	8B[a]	579	—	—
59B	521	16B	583	—	—
32B	525	21B	583	—	—
34B[a]	525	48B	583	—	—
36B	525	35B	587	—	—
17B	530	38B	587	—	—
45B	530	24B	592	—	—
47B	530	29B	596	—	—
61B	530	24B[b]	600	—	—

[a] Sample submitted to ARS for gross alpha, gross beta and gross gamma analysis.
[b] Sample mistakenly assigned same number in field as existing marked location.

Table B-9
Frequency of Detected Inorganic Chemicals
Above BV in Phase I RFI Surface Soil and Fill Samples at MDA C

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range[a] (mg/kg)	Background Value[b] (mg/kg)	Frequency of Detects Above Background Value	Frequency of Non-detects Above Background Value
Antimony	Fill	52	1	[0.04] to 0.21	0.83	0/52	0/52
Antimony	Soil	16	5	[0.04] to 0.25	0.83	0/16	0/16
Arsenic	Fill	52	49	[0.2] to 5.2	8.17	0/52	0/52
Arsenic	Soil	16	16	0.9 to 8	8.17	0/16	0/16
Barium	Fill	52	52	36 to 250	295	0/52	0/52
Barium	Soil	16	16	26 to 190	295	0/16	0/16
Beryllium	Fill	52	52	0.41 to 1.4	1.83	0/52	0/52
Beryllium	Soil	16	16	0.32 to 1.2	1.83	0/16	0/16
Cadmium	Fill	52	0	[0.4]	0.4	0/52	0/52
Cadmium	Soil	16	0	[0.4]	0.4	0/16	0/16
Chromium, Total	Fill	52	52	2.4 to 18	19.3	0/52	0/52
Chromium, Total	Soil	16	16	1.3 to 12	19.3	0/16	0/16
Lead	Fill	52	52	7 to 30	22.3	6/52	0/52
Lead	Soil	16	16	10 to 27	22.3	3/16	0/16
Mercury	Fill	9	0	[0.1]	0.1	0/9	0/9
Mercury	Soil	1	0	[0.1]	0.1	0/1	0/1
Nickel	Fill	52	52	2.3 to 14	15.4	0/52	0/52
Nickel	Soil	16	12	[2] to 8.2	15.4	0/16	0/16
Potassium	Fill	1	1	1800	3460	0/1	0/1
Potassium	Soil	1	1	1300	3460	0/1	0/1
Selenium	Fill	52	28	[0.2] to 1	1.52	0/52	0/52
Selenium	Soil	16	3	[0.2] to 0.5	1.52	0/16	0/16
Silver	Fill	52	1	[1] to 1.1	1	1/52	0/52
Silver	Soil	16	1	[1] to 6	1	1/16	0/16
Thallium	Fill	52	51	[0.04] to 0.21	0.73	0/52	0/52
Thallium	Soil	16	16	0.04 to 0.18	0.73	0/16	0/16

[a] Values in square brackets indicate nondetects.
[b] BVs obtained from LANL 1998, 59730.

Table B-10
Inorganic Chemicals Detected Above BV in Phase I RFI Surface Soil and Fill Samples at MDA C

Sample ID	Location ID	Depth (ft)	Media	Lead (mg/kg)	Silver (mg/kg)
Soil Background Value[a]				**22.3**	**1**
AAA3143	50-08102	0.00–0.50	Soil	27	—[b]
AAA3144	50-08154	0.00–0.50	Soil	27	—
AAA3093	50-08244	0.00–0.50	Fill	—	1.1
AAA3096	50-08290	0.00–0.50	Fill	23	—
AAA3193	50-08312	0.00–0.50	Fill	30	—
AAA3098	50-08326	0.00–0.50	Fill	26	—
AAA3099	50-08328	0.00–0.50	Fill	24	—
AAA3119	50-08340	0.00–0.50	Fill	23	—
AAA3145	50-08364	0.00–0.50	Soil	24	—
AAA3146	50-08418	0.00–0.50	Soil	—	6
AAA3151	50-08486	0.00–0.50	Fill	23	—

[a] Soil background value is used for both fill and soil.
[b] Dash indicates not above the BV.

Table B-11
Frequency of Detected Radionuclides
Above BVs/FVs in Phase I RFI Surface Soil and Fill Samples at MDA C

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range[a] (pCi/g)	Background/ Fallout Value[b] (pCi/g)	Frequency of Detects Above Background Value
Americium-241	Soil	16	13	[0.005] to 1.017	0.013	11/16
Americium-241	Fill	52	37	[0.003] to 0.292	0.013	24/52
Cesium-137	Soil	16	1	[0.24] to 1.22	1.65	0/16
Cesium-137	Fill	52	1	[0.269 to 0.915]	1.65	0/52
Cobalt-60	Soil	16	0	[0.165 to 0.814]	na[c]	0/16
Cobalt-60	Fill	52	0	[0.128 to 0.761]	na	0/52
Plutonium-238	Soil	16	12	[0.004 to 0.219]	0.023	6/16
Plutonium-238	Fill	52	20	[0.002] to 0.071	0.023	11/52
Plutonium-239	Soil	16	16	0.01 to 10.687	0.054	15/16
Plutonium-239	Fill	52	46	[0.003] to 2.91	0.054	29/52
Strontium-90	Soil	16	0	[-0.54 to 0.32]	1.31	0/16
Strontium-90	Fill	52	0	[-0.62 to 0.3]	1.31	0/52
Thorium-232	Soil	16	4	[2.09] to 4.01	2.33	4/16
Thorium-232	Fill	52	11	[1.83] to 4.8	2.33	11/52
Uranium-234	Soil	16	16	1.07 to 1.89	2.59	0/16
Uranium-234	Fill	52	52	0.91 to 1.83	2.59	0/52
Uranium-235	Soil	16	0	[0.036 to 0.13]	0.2	0/16
Uranium-235	Fill	52	0	[0.023 to 0.165]	0.2	0/52
Uranium-238	Soil	16	16	1.07 to 1.99	2.29	0/16
Uranium-238	Fill	52	52	1.08 to 2.45	2.29	1/52

[a] Values in square brackets indicate nondetects.
[b] Tuff BVs obtained from LANL 1998, 59730.
[c] na = Not available.

Table B-12
Radionuclides Detected Above the BV/FV in Phase I RFI Surface Soil and Fill Samples at MDA C

Sample ID	Location ID	Depth (ft)	Media	Americium-241	Plutonium-238	Plutonium-239	Thorium-232	Uranium-238
Soil and Fill Background Value[a] (pCi/g)				0.013	0.023	0.054	2.33	2.29
AAA3153	50-08010	0.00–0.50	Fill	—[b]	—	—	3.97	—
AAA2768	50-08086	0.00–0.50	Soil			10.687		—
AAA2769	50-08088	0.00–0.50	Soil		0.052	0.441		—
AAA3143	50-08102	0.00–0.50	Soil	0.094	—	0.446		—
AAA3157	50-08110	0.00–0.50	Fill	—	—	—	3.49	—
AAA2798	50-08134	0.00–0.50	Fill	—	—	—	3.732	—
AAA2770	50-08136	0.00–0.50	Soil	0.048		1.427	3.74	—
AAA3243	50-08137	0.00–0.50	Fill	—	—	—	3.32	—
AAA2771	50-08138	0.00–0.50	Soil	1.017	—	0.46	3.27	—
AAA2772	50-08140	0.00–0.50	Soil	0.03	—	0.347	4.01	—
AAA2773	50-08142	0.00–0.50	Soil	0.032	—	0.342		—
AAA2774	50-08144	0.00–0.50	Soil	0.036	—	0.276		—
AAA3144	50-08154	0.00–0.50	Soil	0.257	0.035	1.5		—
AAA2801	50-08194	0.00–0.50	Fill	—	—	—		2.45
AAA3191	50-08216	0.00–0.50	Fill	—	—	—	3.46	—
AAA2802	50-08222	0.00–0.50	Fill	—	—		3.07	—
AAA2804	50-08226	0.00–0.50	Fill	—	—	—	3.73	—
AAA3093	50-08244	0.00–0.50	Fill	—	—	—	3.34	—
AAA3250	50-08245	0.00–0.50	Fill	—	—	—	3.07 (U)	—
AAA3098	50-08326	0.00–0.50	Fill	—	—	—	4.8	—
AAA2775	50-08346	0.00–0.50	Soil	0.357	0.032	2.082		—
AAA3145	50-08364	0.00–0.50	Soil	—	—	0.103		—
AAA3121	50-08370	0.00–0.50	Fill	—	—	—	2.96	—
AAA2776	50-08396	0.00–0.50	Soil	0.361	0.033	2.499		—
AAA3147	50-08436	0.00–0.50	Fill	—	—	—	3.56	—
AAA2777	50-08446	0.00–0.50	Soil	0.192	0.027	2.13	2.75	—
AAA2778	50-08474	0.00–0.50	Soil	—	—	0.562		—
AAA2779	50-08494	0.00–0.50	Soil	0.454	0.068	8.69		—

[a] Soil background value is used for both fill and soil (LANL 1998, 59730).
[b] Dash indicates that the concentration was not above the BV.

Table B-13
Frequency of Detected Organic Chemicals in Phase I RFI Surface Soil and Fill Samples at MDA C

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Frequency of Detects
Acenaphthene	Fill	52	1	[0.00018] to 0.96	1/52
Aroclor-1254	Fill	43	3	[0.03] to 1	3/43
Aroclor-1260	Fill	43	4	[0.03 to 0.15]	4/43
Bis(2-ethylhexyl)phthalate	Fill	52	2	[0.00018] to 1.4	2/52
Pentachlorophenol	Soil	16	1	[0.85] to 1.9	1/16

Table B-14
Detected Organic Chemicals Analyses in Phase I RFI Surface Soil and Fill Samples at MDA C

Sample ID	Location ID	Depth (ft)	Media	Acenaphthene	Aroclor-1254	Aroclor-1260	Bis(2-ethylhexyl)phthalate	Pentachlorophenol
AAA3153	50-08010	0.00–0.50	Fill	—*	—	—	1.4	—
AAA3155	50-08064	0.00–0.50	Fill	—	—	0.04	1.4	—
AAA3156	50-08106	0.00–0.50	Fill	—	—	0.03	—	—
AAA3157	50-08110	0.00–0.50	Fill	—	—	0.07	—	—
AAA3158	50-08116	0.00–0.50	Fill	—	—	0.04	—	—
AAA3193	50-08312	0.00–0.50	Fill	0.96	—	—	—	—
AAA3098	50-08326	0.00–0.50	Fill	—	1	—	—	—
AAA3146	50-08418	0.00–0.50	Soil	—	—	—	—	1.9
AAA3151	50-08486	0.00–0.50	Fill	—	0.07	—	—	—
AAA3152	50-08492	0.00–0.50	Fill	—	0.17	—	—	—

Note: Units are mg/kg.
*Dash indicates that the analyte was not detected.

Table B-15
Frequency of Detected Inorganic Chemicals
Above BV in Phase I RFI Subsurface Tuff Samples at MDA C

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range[a] (mg/kg)	Background Value[b] (mg/kg)	Frequency of Detects Above Background Value	Frequency of Nondetects Above Background Value
Aluminum	Qbt 3	79	79	180 to 7900	7340	1/79	0/79
Aluminum	Qbt 2	2	2	254 to 3260	7340	0/2	0/2
Aluminum	Qbt 1v	1	1	272	8170	0/1	0/1
Antimony	Qbt 3	73	3	[0.1 to 11]	0.5	3/73	60/73
Antimony	Qbt 2	2	1	[0.38] to 0.41	0.5	0/2	0/2
Antimony	Qbt 1v	1	0	[0.39]	0.5	0/1	0/1
Arsenic	Qbt 3	79	36	[0.19] to 9.8	2.79	4/79	0/79
Arsenic	Qbt 2	2	2	0.94 to 1.5	2.79	0/2	0/2
Arsenic	Qbt 1v	1	1	0.72	1.81	0/1	0/1
Barium	Qbt 3	79	79	2.8 to 100	46	2/79	0/79
Barium	Qbt 2	2	2	11.5 to 34	46	0/2	0/2
Barium	Qbt 1v	1	1	10.3	26.5	0/1	0/1
Beryllium	Qbt 3	79	51	[0.02] to 1.3	1.21	1/79	0/79
Beryllium	Qbt 2	2	2	0.3 to 0.65	1.21	0/2	0/2
Beryllium	Qbt 1v	1	1	0.43	1.7	0/1	0/1
Cadmium	Qbt 3	79	28	[0.02] to 0.82	1.63	0/79	0/79
Cadmium	Qbt 2	2	0	[0.02 to 0.04]	1.63	0/2	0/2
Cadmium	Qbt 1v	1	0	[0.04 to 0.04]	0.4	0/1	0/1
Calcium	Qbt 3	79	79	160 to 73900	2200	1/79	0/79
Calcium	Qbt 2	2	2	174 to 703	2200	0/2	0/2
Calcium	Qbt 1v	1	1	167	3700	0/1	0/1
Chromium, Total	Qbt 3	79	26	[0.16] to 12.7	7.14	1/79	0/79
Chromium, Total	Qbt 2	2	2	0.2 to 2.2	7.14	0/2	0/2
Chromium, Total	Qbt 1v	1	1	0.19	2.24	0/1	0/1
Cobalt	Qbt 3	79	27	[0.18] to 3.8	3.14	1/79	0/79
Cobalt	Qbt 2	2	2	0.37 to 1.1	3.14	0/2	0/2
Cobalt	Qbt 1v	1	1	0.42	1.78	0/1	0/1
Copper	Qbt 3	79	39	[0.42] to 30.7	4.66	3/79	0/79
Copper	Qbt 2	2	2	0.98 to 4.4	4.66	0/2	0/2
Copper	Qbt 1v	1	1	1	3.26	0/1	0/1
Cyanide, Total	Qbt 3	58	11	[0.00053] to 10.2	na[c]	11/58	na
Cyanide, Total	Qbt 2	2	0	[0.19 to 0.38]	na	0/2	na
Cyanide, Total	Qbt 1v	1	0	[0.19]	na	0/1	na
Iron	Qbt 3	79	79	517 to 8670	14500	0/79	0/79
Iron	Qbt 2	2	2	3560 to 8370	14500	0/2	0/2
Iron	Qbt 1v	1	1	3320	9900	0/1	0/1

Table B-15 (continued)

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range[a] (mg/kg)	Background Value[b] (mg/kg)	Frequency of Detects Above Background Value	Frequency of Nondetects Above Background Value
Lead	Qbt 3	79	79	0.68 to 75.2	11.2	9/79	0/79
Lead	Qbt 2	2	2	3.8 to 6.4	11.2	0/2	0/2
Lead	Qbt 1v	1	1	5.1	18.4	0/1	0/1
Magnesium	Qbt 3	79	74	60.8 to 2690	1690	1/79	0/79
Magnesium	Qbt 2	2	2	93.1 to 478	1690	0/2	0/2
Magnesium	Qbt 1v	1	1	80.3	780	0/1	0/1
Manganese	Qbt 3	79	79	70 to 272	482	0/79	0/79
Manganese	Qbt 2	2	2	286 to 319	482	0/2	0/2
Manganese	Qbt 1v	1	1	358	408	0/1	0/1
Mercury	Qbt 3	79	0	[0.02 to 0.11]	0.1	0/79	11/79
Mercury	Qbt 2	2	0	[0.05]	0.1	0/2	0/2
Mercury	Qbt 1v	1	0	[0.05]	0.1	0/1	0/1
Nickel	Qbt 3	79	20	[0.2] to 13.2	6.58	1/79	0/79
Nickel	Qbt 2	2	2	0.26 to 2.9	6.58	0/2	0/2
Nickel	Qbt 1v	1	1	0.32	2	0/1	0/1
Potassium	Qbt 3	79	57	[55] to 1000	3500	0/79	0/79
Potassium	Qbt 2	2	1	[93.1] to 410	3500	0/2	0/2
Potassium	Qbt 1v	1	0	[96.9]	6670	0/1	0/1
Selenium	Qbt 3	79	5	[0.11] to 10.5	0.3	4/79	48/79
Selenium	Qbt 2	2	0	[0.44]	0.3	0/2	2/2
Selenium	Qbt 1v	1	0	[0.45]	0.3	0/1	1/1
Silver	Qbt 3	79	2	[0.1 to 2.2]	1	0/79	10/79
Silver	Qbt 2	2	0	[0.1 to 0.11]	1	0/2	0/2
Silver	Qbt 1v	1	0	[0.1 1]	1	0/1	0/1
Sodium	Qbt 3	79	68	59.5 to 387	2770	0/79	0/79
Sodium	Qbt 2	2	0	[60.4 to 79]	2770	0/2	0/2
Sodium	Qbt 1v	1	0	[49.8]	6330	0/1	0/1
Thallium	Qbt 3	79	17	[0.1] to 1.4	1.1	3/79	21/79
Thallium	Qbt 2	2	1	[0.48] to 0.49	1.1	0/2	0/2
Thallium	Qbt 1v	1	1	0.69	1.24	0/1	0/1
Vanadium	Qbt 3	79	70	0.42 to 10.5	17	0/79	0/79
Vanadium	Qbt 2	2	2	0.73 to 3.1	17	0/2	0/2
Vanadium	Qbt 1v	1	1	0.49	4.48	0/1	0/1
Zinc	Qbt 3	79	79	12.4 to 54	63.5	0/79	0/79
Zinc	Qbt 2	2	2	29.6 to 50.5	63.5	0/2	0/2
Zinc	Qbt 1v	1	1	28.9	84.6	0/1	0/1

[a] Value in square brackets indicate nondetects.
[b] BVs obtained from LANL 1998, 59730.
[c] na = Not available.

Table B-16
Inorganic Chemicals Detected Above the BV in Phase I RFI Subsurface Tuff Samples at MDA C

Part 1									
Sample ID	Location ID	Depth (ft)	Media	Aluminum	Antimony	Arsenic	Barium	Beryllium	Calcium
Qbt 2,3,4 Background Value[a]				**7340**	**0.5**	**2.79**	**46**	**1.21**	**2200**
Qbt 1v Background Value[a]				**8170-**	**6.5**	**1.81**	**26.5**	**1.7**	**3700**
0550-95-0083	50-09104	36.60–38.60	Qbt 3	—[b]	—	—	—	1.3	—
0550-96-0105[c]	50-09104	44.10–45.10	Qbt 3	—	—	3.2	—	—	—
0550-96-0106[c]	50-09105	62.10–63.00	Qbt 3	—	—	3	—	—	—
0550-95-0046	50-09106	27.50–30.50	Qbt 3	—	—	9.8	—	—	—
0550-95-0067	50-09106	102.00–104.00	Qbt 3	—	0.86 (J)	—	—	—	—
0550-96-0107[c]	50-09107	46.90–48.50	Qbt 3	—	—	2.8	—	—	—
0550-95-0231	50-09109	34.10–36.00	Qbt 3	—	11 (J-)	—	100	—	—
0550-96-0112[c]	50-09109	66.00–67.00	Qbt 3	7900 (J)	—	—	71.6	—	73900
0550-95-0264	50-09110	38.00–40.00	Qbt 3	—	3.1 (J)	—	—	—	—

Part 2									
Sample ID	Location ID	Depth (ft)	Media	Chromium	Cobalt	Copper	Cyanide (Total)	Lead	Magnesium
Qbt 2,3,4 Background Value[a]				**7.14**	**3.14**	**4.66**	**N/A**	**11.2**	**1690**
Qbt 1v Background Value[a]				**2.24**	**1.78**	**3.26**	**N/A**	**18.4**	**780**
0550-95-0368	50-09100	41.50–43.50	Qbt 3	—	—	—	0.533	—	—
0550-95-0284	50-09101	15.00–17.00	Qbt 3	—	—	—	10.2	—	—
0550-95-0289	50-09101	35.00–36.20	Qbt 3	—	—	—	6.2	—	—
0550-95-0294	50-09101	55.00–55.70	Qbt 3	—	—	—	0.92	—	—
0550-96-0104[c]	50-09103	46.50–47.82	Qbt 3	—	—	—	—	16.2 (J-)	—
0550-95-0075	50-09104	10.90–12.90	Qbt 3	—	—	—	0.22 (J-)	—	—
0550-95-0079	50-09104	26.30–28.00	Qbt 3	—	—	—	0.23 (J-)	13.8	—
0550-95-0083	50-09104	36.60–38.60	Qbt 3	—	—	5	—	50.3	—
0550-95-0087	50-09104	58.00–60.00	Qbt 3	—	—	—	0.25 (J-)	—	—
0550-95-0095	50-09104	79.00–81.00	Qbt 3	—	—	—	0.3 (J-)	—	—
0550-95-0099	50-09104	85.00–87.00	Qbt 3	—	—	—	0.26 (J-)	—	—
0550-95-0046	50-09106	27.50–30.50	Qbt 3	—	—	—	—	51.1 (J)	—
0550-95-0195	50-09108	15.00–16.80	Qbt 3	—	—	—	—	65	—
0550-95-0200	50-09108	37.00–38.60	Qbt 3	—	—	—	—	22	—
0550-95-0215	50-09108	95.50–97.50	Qbt 3	—	—	—	1	—	—
0550-95-0231	50-09109	34.10–36.00	Qbt 3	—	—	11	—	41	—
0550-96-0112[c]	50-09109	66.00–67.00	Qbt 3	12.7	3.8 (J)	30.7	—	11.3 (J-)	2690
0550-95-0264	50-09110	38.00–40.00	Qbt 3	—	—	—	3.9	—	—
0550-95-0269	50-09110	59.00–60.80	Qbt 3	—	—	—	—	75.2	—

Table B-16 (continued)

Part 3								
Sample ID	Location ID	Depth (ft)	Media	Mercury	Nickel	Selenium	Silver	Thallium
Qbt 2,3,4 Background Value[a]				**0.1**	**6.58**	**0.3**	**1**	**1.1**
Qbt 1v Background Value[a]				**0.1**	**2**	**0.3**	**1**	**1.24**
0550-95-0362	50-09100	10.60–12.60	Qbt 3	—	—	10.5	—	—
0550-95-0304	50-09101	96.00–98.00	Qbt 3	—	—	0.35	—	—
0550-96-0105[c]	50-09104	44.10–45.10	Qbt 3	—	—	—	—	1.2
0550-95-0071	50-09106	115.50–118.00	Qbt 3	—	—	—	—	1.2 (J)
0550-96-0107[c]	50-09107	46.90–48.50	Qbt 3	—	—	1.1	—	—
0550-96-0112[c]	50-09109	66.00–67.00	Qbt 3	—	13.2	1.3	—	1.4

Note: Units are mg/kg.

[a] Tuff BVs/FVs obtained from LANL 1998, 59730.

[b] Dash indicates that the concentration was not above the BV.

[c] Tuff sample collected from curated core.

Table B-17
Frequency of Detected Radionuclides Above BV in Phase I RFI Subsurface Tuff Samples

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (pCi/g)[a]	Background Value[b] (pCi/g)	Frequency of Detects Above Background Value
Americium-241	Qbt 2	2	0	[0.002 to 0.016]	na[c]	0/2
Americium-241	Qbt 3	79	8	[–0.14] to [0.183]	na	8/79
Americium-241	Qbt 1v	1	0	[0.014]	na	0/1
Cesium-134	Qbt 3	45	2	[–0.026] to 0.32	na	2/45
Cesium-137	Qbt 2	2	0	[–0.029 to 0.002]	na	0/2
Cesium-137	Qbt 3	79	1	[–0.4 to 0.768	na	1/79
Cesium-137	Qbt 1v	1	0	[0.0272]	na	0/1
Cobalt-60	Qbt 2	2	0	[–0.050 to –0.006]	na	0/2
Cobalt-60	Qbt 3	79	1	[–0.037] to 0.32	na	1/79
Cobalt-60	Qbt 1v	1	0	[0.032]	na	0/1
Europium-152	Qbt 2	2	0	[–0.037 to 0.122]	na	0/2
Europium-152	Qbt 3	63	2	[–0.023 to 0.78]	na	2/63
Europium-152	Qbt 1v	1	0	[0.104]	na	0/1
Plutonium-238	Qbt 2	2	0	[0 to 0.02]	na	0/2
Plutonium-238	Qbt 3	79	1	[–0.011] to [0.014]	na	1/79
Plutonium-238	Qbt 1v	1	0	[0]	na	0/1
Plutonium-239	Qbt 2	2	0	[–0.01 to 0.005]	na	0/2

Table B-17 (continued)

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (pCi/g)[a]	Background Value[b] (pCi/g)	Frequency of Detects Above Background Value
Plutonium-239	Qbt 3	79	2	[–0.005] to 0.08	na	2/79
Plutonium-239	Qbt 1v	1	0	[0]	na	0/1
Ruthenium-106	Qbt 2	2	0	[–0.309 to –0.121]	na	0/2
Ruthenium-106	Qbt 3	79	0	[–0.302 to 1.41]	na	0/79
Ruthenium-106	Qbt 1v	1	0	[0.027]	na	0/1
Sodium-22	Qbt 2	2	0	[–0.004 to 0.005]	na	0/2
Sodium-22	Qbt 3	79	3	[–0.03] to 0.22	na	3/79
Sodium-22	Qbt 1v	1	0	[–0.002]	na	0/1
Strontium-90	Qbt 2	2	0	[0.291 to 0.58]	na	0/2
Strontium-90	Qbt 3	79	4	[–0.52] to 1.44	na	4/79
Strontium-90	Qbt 1v	1	0	[0.55]	na	0/1
Thorium-228	Qbt 2	2	2	1.35 to 1.69	2.52	0/2
Thorium-228	Qbt 3	79	75	[0.083] to 1.81	2.52	0/79
Thorium-228	Qbt 1v	1	1	1.50	3.75	0/1
Thorium-230	Qbt 2	2	2	0.81 to 1.23	1.98	0/2
Thorium-230	Qbt 3	79	50	[0.289 to 1.74]	1.98	0/79
Thorium-230	Qbt 1v	1	1	1.11	3.12	0/1
Thorium-232	Qbt 2	2	2	1.23 to 1.66	2.52	0/2
Thorium-232	Qbt 3	79	77	[0.06] to 1.76	2.52	0/79
Thorium-232	Qbt 1v	1	1	1.50	3.75	0/1
Tritium	Qbt 2	2	1	1.54 to [4.26] (pCi/mL)	na	1/2
Tritium	Qbt 3	64	63	[1.4] to 649261 (pCi/mL)	na	63/64
Tritium	Qbt 1v	1	0	[2.38] (pCi/mL)	na	0/1
Uranium-234	Qbt 2	2	2	0.51 to 1.016	1.98	0/2
Uranium-234	Qbt 3	79	77	0.563 to 1.7	1.98	0/79
Uranium-234	Qbt 1v	1	1	0.993	3.12	0/1
Uranium-235	Qbt 2	2	2	0.02 to 0.05	0.09	0/2
Uranium-235	Qbt 3	79	53	[0.009] to 0.23	0.09	15/79
Uranium-235	Qbt 1v	1	1	0.045	0.14	0/1
Uranium-238	Qbt 2	2	2	0.59 to 1.03	1.93	0/2
Uranium-238	Qbt 3	79	78	0.308 to 2.36	1.93	1/79
Uranium-238	Qbt 1v	1	1	0.991	3.05	0/1

[a] Values in square brackets indicate nondetects.

[b] Tuff BVs obtained from LANL 1998, 59730.

[c] na = Not available.

Table B-18
Detected Radionuclides Above BVs in Phase I RFI Subsurface Samples at MDA C

Part 1

Sample ID	Location ID	Depth (ft)	Media	Americium-241	Cesium-134	Cesium-137	Cobalt-60	Europium-152	Plutonium-238	Plutonium-239
Qbt 2,3,4 Background/Fallout Value[a]				—[b]	—	—	—	—	—	—
0550-95-0365	50-09100	26.50–28.50	Qbt 3	0.027	—	—	—	—	—	—
0550-95-0368	50-09100	41.50–43.50	Qbt 3	—	—	—	—	—	—	0.014
0550-95-0284	50-09101	15.00–17.00	Qbt 3	0.018	—	—	—	—	—	—
0550-95-0289	50-09101	35.00–36.20	Qbt 3	0.018	—	—	—	—	—	—
0550-95-0309	50-09101	112.00–114.50	Qbt 3	0.011	—	—	—	—	—	—
0550-95-0104	50-09103	18.50–20.80	Qbt 3	—	—	—	—	0.231	—	—
0550-95-0109	50-09103	36.00–38.80	Qbt 3	0.027	—	—	—	—	—	—
0550-95-0119	50-09103	78.00–80.00	Qbt 3	0.023	—	—	—	0.297	—	—
0550-95-0075	50-09104	10.90–12.90	Qbt 3	—	0.32	—	—	—	—	—
0550-95-0079	50-09104	26.30–28.00	Qbt 3	—	—	—	0.32	—	—	—
0550-95-0135	50-09105	16.10–18.50	Qbt 3	—	—	0.768	—	—	—	—
0550-95-0145	50-09105	57.00–59.00	Qbt 3	0.038	—	—	—	—	—	—
0550-95-0160	50-09105	117.70–120.00	Qbt 3	—	—	—	—	—	—	0.08
0550-95-0166	50-09107	14.00–15.80	Qbt 3	0.012	—	—	—	—	—	—
0550-95-0181	50-09107	75.00–78.60	Qbt 3	0.007	—	—	—	—	—	—
0550-95-0186	50-09107	95.00–97.00	Qbt 3	0.009	—	—	—	—	—	—
0550-95-0191	50-09107	108.00–111.00	Qbt 3	0.032	—	—	—	—	—	—
0550-96-0109[c]	50-09108	24.50–25.50	Qbt 3	—	0.29	—	—	—	—	—
0550-95-0215	50-09108	95.50–97.50	Qbt 3	—	—	—	—	—	0.014	—

Part 2

Sample ID	Location ID	Depth (ft)	Media	Sodium-22	Strontium-90	Thorium-232	Tritium (pCi/mL)	Uranium-235	Uranium-238
Qbt 2,3,4 Background/Fallout Value[a]				**—**	**—**	**2.52**	**—**	**0.09**	**1.93**
0550-95-0362	50-09100	10.60–12.60	Qbt 3	—	—	—	12.2	—	—
0550-95-0365	50-09100	26.50–28.50	Qbt 3	—	—	—	622	—	—
0550-96-0100[c]	50-09100	32.70–33.70	Qbt 3	—	—	—	—	0.21	—
0550-95-0368	50-09100	41.50–43.50	Qbt 3	—	—	—	13.4	—	—
0550-95-0371	50-09100	58.20–60.00	Qbt 3	—	—	—	27.9	—	—
0550-95-0374	50-09100	71.50–73.50	Qbt 2	—	—	—	1.54	—	—
0550-95-0284	50-09101	15.00–17.00	Qbt 3	—	—	—	2.86	—	—
0550-96-0101[c]	50-09101	26.85–27.85	Qbt 3	—	—	—	—	0.22	—
0550-95-0289	50-09101	35.00–36.20	Qbt 3	—	—	—	7.33	—	-
0550-96-0102[c]	50-09101	44.00–45.10	Qbt 3	—	—	—	—	0.22	-

Table B-18 (continued)

Part 2 (continued)									
Sample ID	Location ID	Depth (ft)	Media	Sodium-22	Strontium-90	Thorium-232	Tritium (pCi/mL)	Uranium-235	Uranium-238
Qbt 2,3,4 Background/Fallout Value[a]				**—**	**—**	**2.52**	**—**	**0.09**	**1.93**
0550-95-0294	50-09101	55.00–55.70	Qbt 3	—	—	—	7.77	—	—
0550-96-0103	50-09101	62.50–63.20	Qbt 3	—	—	—	—	0.22	—
0550-95-0299	50-09101	75.00–77.00	Qbt 3	—	—	—	7.5	—	—
0550-95-0304	50-09101	96.00–98.00	Qbt 3	—	—	—	5.63	—	—
0550-95-0309	50-09101	112.00–114.50	Qbt 3	—	—	—	47.5	—	—
0550-95-0004	50-09102	16.00–19.00	Qbt 3	—	—	—	1.84	—	—
0550-95-0009	50-09102	37.00–40.90	Qbt 3	—	—	—	10.4	—	—
0550-95-0014	50-09102	57.00–60.00	Qbt 3	—	—	—	23300	—	—
0550-95-0019	50-09102	73.20–76.00	Qbt 3	—	—	—	6720	—	—
0550-95-0024	50-09102	95.00–97.00	Qbt 3	—	—	—	274	—	—
0550-95-0029	50-09102	108.00–110.00	Qbt 3	—	—	—	376	—	—
0550-95-0104	50-09103	18.50–20.80	Qbt 3	—	—	—	35.8	—	—
0550-95-0109	50-09103	36.00–38.80	Qbt 3	—	—	—	7.14	—	—
0550-96-0104[c]	50-09103	46.50–47.82	Qbt 3	—	—	—	—	0.21	—
0550-95-0114	50-09103	56.00–58.80	Qbt 3	—	—	—	12.7	—	—
0550-95-0119	50-09103	78.00–80.00	Qbt 3	—	—	—	6.32	—	—
0550-95-0124	50-09103	94.70–98.00	Qbt 3	—	—	—	14.4	—	—
0550-95-0129	50-09103	114.80–116.80	Qbt 3	—	0.599	—	2.17	—	—
0550-95-0075	50-09104	10.90–12.90	Qbt 3	0.22	—	—	3.47	—	—
0550-95-0079	50-09104	26.30–28.00	Qbt 3	—	—	—	290.7	—	—
0550-95-0083	50-09104	36.60–38.60	Qbt 3	0.22	—	—	378.2	—	—
0550-96-0105[c]	50-09104	44.10–45.10	Qbt 3	—	—	—	—	0.23	—
0550-95-0087	50-09104	58.00–60.00	Qbt 3	—	—	—	43.15	—	—
0550-95-0095	50-09104	79.00–81.00	Qbt 3	—	—	—	3.26	—	—
0550-95-0099	50-09104	85.00–87.00	Qbt 3	—	—	—	1.9	—	—
0550-95-0135	50-09105	16.10–18.50	Qbt 3	—	—	—	3.84	—	—
0550-95-0140	50-09105	35.00–38.00	Qbt 3	—	—	—	1.5	—	—
0550-95-0145	50-09105	57.00–59.00	Qbt 3	—	—	—	481	—	—
0550-96-0106[c]	50-09105	62.10–63.00	Qbt 3	—	—	—	—	0.21	—
0550-95-0150	50-09105	77.00–79.70	Qbt 3	—	—	—	6.1	—	—
0550-95-0155	50-09105	97.00–99.80	Qbt 3	—	—	—	3.22	—	—
0550-95-0046	50-09106	27.50–30.50	Qbt 3	—	—	—	126	—	—
0550-95-0050	50-09106	41.00–44.00	Qbt 3	—	—	—	38100	—	—
0550-95-0054	50-09106	56.50–58.50	Qbt 3	—	—	—	6440	—	—
0550-95-0058	50-09106	70.50–73.00	Qbt 3	—	—	—	28	—	—
0550-95-0063	50-09106	86.00–88.50	Qbt 3	—	—	—	14.8	—	—

Table B-18 (continued)

Part 2 (continued)									
Sample ID	Location ID	Depth (ft)	Media	Sodium-22	Strontium-90	Thorium-232	Tritium (pCi/mL)	Uranium-235	Uranium-238
Qbt 2,3,4 Background/Fallout Value[a]				**—**	**—**	**2.52**	**—**	**0.09**	**1.93**
0550-95-0067	50-09106	102.00–104.00	Qbt 3	—	—	—	64.9	—	—
0550-95-0071	50-09106	115.50–118.00	Qbt 3	—	0.767	—	30.1	—	—
0550-95-0166	50-09107	14.00–15.80	Qbt 3	—	—	—	12.1	—	—
0550-95-0171	50-09107	36.00–39.00	Qbt 3	—	—	—	10373	—	—
0550-96-0107[c]	50-09107	46.90–48.50	Qbt 3	—	—	—	—	0.2	—
0550-95-0176	50-09107	57.00–59.00	Qbt 3	—	—	—	649261	—	—
0550-96-0108[c]	50-09107	66.20–67.00	Qbt 3	—	—	—	—	0.23	—
0550-95-0181	50-09107	75.00–78.60	Qbt 3	—	—	—	207792	—	—
0550-95-0186	50-09107	95.00–97.00	Qbt 3	—	—	—	13827	—	—
0550-95-0191	50-09107	108.00–111.00	Qbt 3	—	—	—	581.5	—	—
0550-95-0195	50-09108	15.00–16.80	Qbt 3	—	—	—	3.08	—	—
0550-96-0109[c]	50-09108	24.50–25.50	Qbt 3	—	—	—	—	0.22	—
0550-95-0200	50-09108	37.00–38.60	Qbt 3	—	—	—	12.02	-	—
0550-96-0110[c]	50-09108	44.90–45.90	Qbt 3	—	—	—	—	0.22	—
0550-95-0205	50-09108	57.00–59.00	Qbt 3	—	—	—	5.46	0.11 (U)	—
0550-95-0210	50-09108	76.60–78.60	Qbt 3	—	—	—	388.8	—	—
0550-95-0215	50-09108	95.50–97.50	Qbt 3	—	0.44	—	974	—	—
0550-95-0220	50-09108	112.00–115.00	Qbt 3	—	—	—	1660	—	—
0550-95-0226	50-09109	18.20–20.20	Qbt 3	—	1.44	—	4.63	—	2.36
0550-95-0231	50-09109	34.10–36.00	Qbt 3	—	—	—	10.3	—	—
0550-96-0111[c]	50-09109	46.00–47.00	Qbt 3	—	—	—	—	0.21	—
0550-95-0236	50-09109	57.80–60.00	Qbt 3	—	—	—	11.6	—	—
0550-96-0112[c]	50-09109	66.00–67.00	Qbt 3	—	—	—	—	0.21	—
0550-95-0246	50-09109	77.40–79.70	Qbt 3	—	—	—	6.1	—	—
0550-95-0251	50-09109	88.60–88.80	Qbt 3	—	—	—	5220	—	—
0550-95-0241	50-09109	113.00–114.70	Qbt 3	0.056	—	—	5.43	—	—
0550-95-0259	50-09110	17.00–19.00	Qbt 3	—	—	—	210	—	—
0550-96-0113[c]	50-09110	24.10–24.80	Qbt 3	—	—	—	—	0.22	—
0550-95-0264	50-09110	38.00–40.00	Qbt 3	—	—	—	36200	—	—
0550-96-0114[c]	50-09110	48.50–49.50	Qbt 3	—	—	—	—	0.21	—
0550-95-0269	50-09110	59.00–60.80	Qbt 3	—	—	—	4750	—	—
0550-95-0274	50-09110	74.00–76.60	Qbt 3	—	—	—	61.4	—	—
0550-95-0279	50-09110	88.00–89.40	Qbt 3	—	—	—	6.72	—	—

Note: Units are pCi/g.

[a] Tuff BVs obtained from LANL 1998, 59730.

[b] Dash indicates that the concentration was not above the BV.

[c] Tuff sample collected from curated core.

Table B-19
Frequency of Detected Organic Chemicals in Phase I RFI Subsurface Tuff Samples at MDA C

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)*	Frequency of Detects
Acetone	Qbt 3	54	8	0.003 to 0.055	8/54
Bis(2-ethylhexyl)phthalate	Qbt 3	66	7	0.037 to [0.46]	7/66
Dichloroethene[1,1-]	Qbt 3	54	4	0.003 to [0.006]	4/54
Methylene Chloride	Qbt 3	54	1	[0.004 to 0.016]	1/54
Methylphenol[2-]	Qbt 3	66	1	[0.16 to 0.39]	1/66
Toluene	Qbt 3	54	1	0.003 to [0.006]	1/54

*Values in square brackets indicate nondetects.

Table B-20
Detected Organic Chemicals in Subsurface Tuff Samples at MDA C

Sample ID	Location ID	Depth (ft)	Media	Acetone	Bis(2-ethylhexyl)phthalate	Dichloroethene[1,1-]	Methylene Chloride	Methylphenol[2-]	Toluene
0550-95-0289	50-09101	35.00–36.20	Qbt 3	—*	0.037 (J)	—	—	—	—
0550-95-0294	50-09101	55.00–55.70	Qbt 3	—	0.072 (J)	—	—	—	—
0550-95-0299	50-09101	75.00–77.00	Qbt 3	—	0.041 (J)	—	—	—	—
0550-95-0109	50-09103	36.00–38.80	Qbt 3	—	—	0.003 (J)	—	—	—
0550-95-0119	50-09103	78.00–80.00	Qbt 3	—	0.3 (J)	0.004 (J)	—	—	—
0550-95-0124	50-09103	94.70–98.00	Qbt 3	0.009 (J)	—	0.006	—	—	—
0550-95-0129	50-09103	114.80–116.80	Qbt 3	0.055	—	0.004 (J)	—	—	—
0550-95-0099	50-09104	85.00–87.00	Qbt 3	—	—	—	—	0.35	—
0550-95-0145	50-09105	57.00–59.00	Qbt 3	—	0.14 (J)	—	—	—	0.003 (J)
0550-95-0046	50-09106	27.50–30.50	Qbt 3	0.013 (J)	—	—	—	—	—
0550-95-0054	50-09106	56.50–58.50	Qbt 3	0.009 (J)	—	—	—	—	—
0550-95-0200	50-09108	37.00–38.60	Qbt 3	0.028	—	—	—	—	—
0550-95-0210	50-09108	76.60–78.60	Qbt 3	—	—	—	0.0063	—	—
0550-95-0215	50-09108	95.50–97.50	Qbt 3	—	0.19 (J)	—	—	—	—
0550-95-0226	50-09109	18.20–20.20	Qbt 3	0.024	—	—	—	—	—
0550-95-0231	50-09109	34.10–36.00	Qbt 3	0.03	—	—	—	—	—
0550-95-0264	50-09110	38.00–40.00	Qbt 3	—	0.047 (J)	—	—	—	—
0550-95-0279	50-09110	88.00–89.40	Qbt 3	0.003 (J)	—	—	—	—	—

Note: Units are mg/kg.

*Dash indicates that the concentration was not above the EQL.

Table B-21
Detected Organic Chemicals in EMFLUX® Samples at MDA C

Analyte	No. of Samples	No. of Detects	Min Detect (ng/m^2/min)	Max Detect (ng/m^2/min)
Aliphatics Hydrocarbons	84	8	12.61	170.28
Benzene	84	2	0.85	0.92
Carbon Tetrachloride	84	12	1.50	36.15
Chloroform	84	7	1.16	6.68
Tetrachloroethene	84	83	0.87	207.30
Trichloroethene	84	50	0.84	58.03

Appendix C

Borehole Logs

APPENDIX C BOREHOLE LOGS

This appendix presents logs of the boreholes drilled at Material Disposal Area C. Footages on the logs are length along each borehole.

Abbreviations and explanations

Bearing = direction

dk. = dark

Declination = borehole angle from horizontal

Fe = iron

FeOx = iron oxide

lt. = light

MDA = material disposal area

med. = medium

MnO_2 = manganese oxide

MRAL = Mobile Radiological Analysis Laboratory

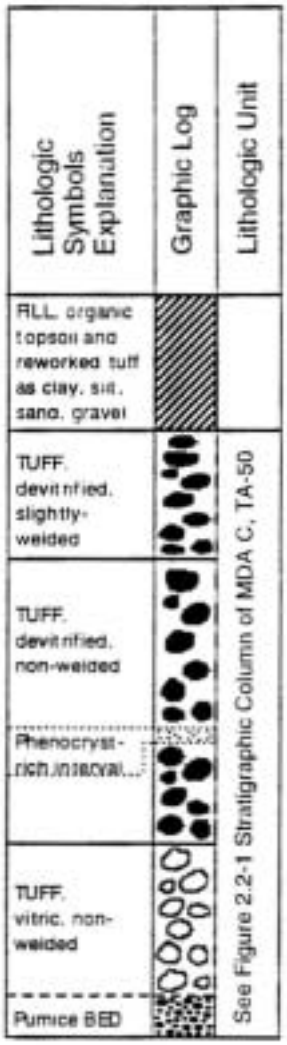
OU = operable unit

SAA = same as above

TA = technical area

TD = total depth (end of borehole)

wk. = weak



LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9100 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 3

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 9 cuttings 32 core Start Date: 7/17/95 Time: 10:30 End Date: 2/5/96 Time: 15:00

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/Golder Declination: 90.0° Bearing: NA TD: 316.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%		0	0-10 surface cuttings in 9 boxes	0-5.0' TOPSOIL/FILL, organic, silt, sand, pale brown 5 YR 5/2.				Borehole 50-9100 is located approximately 15.0' north of Pit 5 in the northcentral portion of MDA C. Surface casing set at 10.0'. Borehole 50-9100 is capped and maintained as an open borehole for vapor monitoring. @ 18.6'-19.2' weathered fracture. @ 21.5'-22.3' moist tuff. @ 71.5'-73.5' wet tuff.
10	2/92%	95-0362	0 1.83	1/0-5.2'-60.0	5.0'-21.3' TUFF, lt. pale red 5 R 6/2 nonwelded, nonindurated, devitrified rhyolite ash flow. Pumice lapilli are 1.0-2.0 cm, 15%, weathered, indistinct, with sugary texture.		Unit 3, Tshirege Member, Bandelier Tuff		
	3/57%		11.32		@ 16.5'				
20	4/100%		14.73 15.69	2/19.2'-29.0	21.3'-47.5' TUFF, same as above (SAA), very moist, matrix oxidized with wk. limonite, also 20% organic or MnO2-like patches.				
	5/16%								
30	6/100%	95-0373	25.31						
	7/100%	96-0100	15.95	3/29.0'-37.3'					
40	8/90%	95-0368	10.69 11.41	4/37.3'-53.5	TUFF, SAA, lt. pale red 5 R 6/2, dry, oxidized, slightly welded, slightly indurated to less indurated @ 42.5'. Pumice lapilli are distinct, lt. gray, 2.0-5.0 cm, 15%, coarsely devitrified. Matrix phenocrysts are quartz and sanidine, each 10%, 1.0 mm.				
	9/40%								
50	10/40%		0		47.5'-71.5' @ 52.5'				
	11/100%		0.56	5/53.5'-65.0'					
60	12/70%	95-0371	0 0.61						
	13/78%								
70	14/88%		0.61	6/65.0'-78.0'					
	15/33% 16/84%	95-0374	0		71.5'-88.0' TUFF, grayish pink 5 R 8/2, nonindurated, nonwelded, very soft, dry, ash flow.		71.5'		
80	17/40%		0	7/78.0'-95.0'	TUFF, pale yellowish brown, 10 YR 6/2, nonindurated to slightly indurated, non-welded, devitrified rhyolite ash flow, moist to wet. Pumice lapilli are lt. gray to brown, indistinct, to 1.0 cm.		Unit 2, Tshirege Member, Bandelier Tuff		
	18/0%								
	19/0% 20/100%		0.58						
90	21/66%		0.48		88.0'-108.5'				
	22/100% 23/100%		0	8/95.0'-101.0'					@ 103.0'-104.0', lost air circulation. @ 115.0', cliff-forming tuff contains welded tuff xenolith, 3.0 by 5.0 cm.
100	24/0%		0						
	25/100% 26/100%		0	9/101.0'-110.4'	TUFF, SAA, pale red 10 R 6/2, slightly indurated, dry.				
110	27/83% 28/82%	95-0373	0 0.05	10/110.9'-120.0'	108.5'-150.0 TUFF, grayish pink 5 R 8/2, moderately indurated, slightly welded, pumice poor, rhyolite ash flow, dry.				
	29/100%								
120			0.1						

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9100 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 3

Drilling Co.: Tonto Environmental Drilling inc. Core Box #(s) 9 cuttings 32 core Start Date: 7/17/95 Time: 10:30 End Date: 2/5/96 Time: 15:00

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel.

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/ Golder Declination: 90.0° Bearing: NA TD: 316.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
120	30/100%			11/120.0'-128.9'	108.5'-150.0' (continued) TUFF, SAA, moderately indurated to strongly indurated, pumice lapilli are lt. gray, indistinct, <0.5-1.0 cm, <5%, finely devitrified with minute quartz and sanidine. Matrix phenocrysts are quartz and sanidine, each up to 1.5 mm and 7%, local FeOx.		Unit 2, Tshirege Member		@ 134.5', first appearance of lt. pink fibrous vapor phase alteration clay.
	31/94%		1.2						
130	32/100%		0	12/128.9'-137.5'					
	33/96%		0						
140	34/100%		0	13/137.5'-146.1'	@ 140.0'				@ 140.0-150.0', phenocryst-rich interval is possible surge related deposit.
	35/100%		0						
150	36/100%		0.35	14/146.1'-155.0'	150.0'-180.0' TUFF, SAA, matrix quartz and sanidine are 20% each, quartz up to 3.0 mm, sanidine shows Schiller blue iridescence.		150.0' Unit 1v(u), Tshirege Member, Bandelier Tuff		
	37/68%		0.37	15/155.0'-170.0'					
160	38/62%	550092	0						
	39/20%		0.55		TUFF, SAA, slightly indurated, less phenocrysts, Fe oxide on relict pumice lapilli, 10%, up to 2.0 cm, sugary texture on faint tube structures, dacite lithics up to 3.0 cm, pumice lapilli and lithics are rimmed by lt. pink fibrous vapor phase alteration clay, also along relict tube structures.				
170	40/100%		0.91	16/170.0'-178.0'					
	41/100%		0						
180	42/100%		1.2	17/178.0'-185.8'	180.0'-223.0'				@ 180.0', 0.5 mm black equant crystals altering to dk. brown goethite-like Fe oxide.
	43/32%		0						
190	44/100%		0.76	18/185.8'-198.0'					
	45/100%		0						
200	46/100%		0	19/198.0'-205.0'	@ 200.0' TUFF, grayish orange pink 5 YR 7/2 to grayish pink 5 R 8/2, nonindurated, slightly welded, rhyolite ash flow, dry. Pumice lapilli are elongate up to 3.0 cm.				@ 200.0', pumice lapilli are lined with 40% Fe oxide.
	47/100%		0.45	20/205.0'-210.0'					
210	48/100%		0.32	21/210.0'-216.0'					
	49/100%		0.65						
	50/100%		0.52	22/216.0'-223.2'	TUFF, SAA, pumice lapilli are lt. gray and chocolate brown.		223.0'		@ 223.0'. Colonnade subunit of Broxton and Reneau (1995, 1320).
220	51/100%		0.27						
	52/100%		0.91	23/223.2'-231.9'	223.0'-233.0' TUFF, grayish orange pink 5 YR 7/2, moderately indurated, nonwelded, ash flow, dry.		Qbt 1v(c)		
230	53/100%		18.23						
	54/100%		0.51						
	55/100%		0.78	24/231.9'-240.1'	233.0'-313.0' Pumice lapilli are Fe-rich; lithics are basalt and dacite, angular, 4%, up to 2.5 cm.		233.0' Qbt 1g		@ 233.0', Vapor Phase Notch.
240			0.79						
			0.28						
			0.32						

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9100 TA/OU: 50/1147 MDA: MDA C Page: 3 of: 3

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 9 cuttings 32 core Start Date: 7/17/95 Time: 10:30 End Date: 2/5/96 Time: 15:00

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/Golder Declination: 90.0° Bearing: NA TD: 316.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
240	56/100%		1.51	25/240.1'-251.0'	233.0'-313.0' (continued) TUFF, vitric, pale yellowish brown, moderately-indurated, nonwelded, mafic rich, ash flow. Pumice lapilli are lt. pinkish tan, <5%, 2.0-5.0 cm. Dacite lithics are 0.1-1.0 cm. Mafic accessory mineral is up to 2%, 0.5 mm shiny black equant magnetite crystals.		Unit 1g, Tshirege Member, Bandelier Tuff		
			0.59						
	57/100%		5.45						
250			1.09	26/251.0'-260.5'					
	58/100%		0.83						
			1.19						
	59/100%		0.66						
260	60/100%		0.09	27/260.5'-269.7'					
	61/100%		0.06						
	62/100%		1.73						
270			1.30	28/269.7'-280.2'					
	63/100%		1.15						
			0						
280	64/100%		0.56		@ 241.0' TUFF, SAA, nonindurated.				
	65/100%		0.81	29/280.2'-290.7'	@ 262.0' TUFF, grayish orange pink 5 YR 7/2, vitric, nonindurated, nonwelded, rhyolite ash flow. Pumice are dull white to lt. gray vitreous lapilli with intact fully inflated tube structures, local dacite lithics.				
	66/100%		0.51						
290			1.32						
	67/100%		1.34	30/290.7'-298.5'					
			0.89						
300	68/80%		1.06						
			2.8	31/298.5'-310.2'					
	69/100%		0.9		@ 271.0' TUFF, SAA, lighter matrix.				
	70/100%		0.83		Pumice BED, lapilli and		313.0'		
310	71/50%		1.35	32/310.2'-316.0'	313.0'-316.0' fragments, some ash, lost all		Qbt t		Tsankawi Pumice Bed, Qbt 1
	72/50%		0.73		air circulation, poor recovery				
320					TD = 316.0'				
330									
340									
350									
360									

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9101 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 5 cuttings 11 core Start Date: 9/20/95 Time: 08:15 End Date: 9/22/95 Time: 10:30

Drilling Equip./ Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/Golder Declination: 45.0° Bearing: S 82.0° W TD: 117.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%		0	0-8' surface cuttings in 5 boxes	0-6.0' TOPSOIL/FILL, clay, silt and sand, red brown, moist.			NA	Borehole 50-9101 is located approximately 10.0' north of and midway along MDA C and angled beneath Pit 6. Surface casing set at 10.0'.
5	2/100%				6.0'-81.0' TUFF, pale red 10 R 6/2, moderately indurated, slightly welded, devitrified, oxidized, rhyolite ash flow, moist. Pumice lapilli are light gray to dark brown, 0.2-4.0 cm, 15%. Phenocrysts in matrix are quartz (5%) and sanidine (10%), average 1.0 mm, sanidine with Schiller blue iridescence. Lithics are rare.		Unit 3, Tshirege Member, Bandelier Tuff		Oxidized tuff and moisture content probably due to borehole location beneath storm-water drainage at northern boundary of MDA C.
	3/100%		1.18	1/6.4'-13.3'					
10	4/100%		1.46						
15	5/100%	95-0284	0.73	2/13.3'-23.3'					
20	6/100%								
	7/83%		3.29						
25	8/100%		0.45	3/23.3'-31.3'					
	9/100%	95-0101	0.12						
30	10/94%		1.01	4/31.3'-42.0'					
35	11/48%	95-0292	0.95						
	12/40%		0.42						
40	13/67%		0.66		@ 40.0' Tuff, same as above (SAA), oxidized, moderately indurated ash flow, moist.				
	14/80%								
45	15/85%	95-0102	1.19	5/42.0'-50.0'					
	16/73%		0.27						
50	17/78%		1.91	6/50.0'-60.0'					
55	18/100%	95-0294	1.11						
	19/60%								
60									

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9101 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 5 cuttings 11 core Start Date: 9/20/95 Time: 08:15 End Date: 9/22/95 Time: 10:30

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/ Golder Declination: 45.0° Bearing: S 82.0° W TD: 117.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	19/Cont.				6.0'-81.0' (continued) @ 62.0' TUFF, pale red 5 R 6/2 slightly indurated to moderately indurated, slightly welded, devitrified rhyolite ash flow, moist. Pumice lapilli are coarsely devitrified, medium light gray to whitish gray, 0.2-2.0 cm, 15%. Matrix phenocrysts are quartz (5%) and sanidine (10%) each up to 1.0 mm. Sanidine shows Schiller blue iridescence. Lithics are rare.		Unit 3, Tshirege Member, Bandelier Tuff	NA	
		95-0101	0.59	7/60.0'-74.1'					
65	20/24%								
	21/15%								
70	22/57%		1.25						
			1.52						
	23/83%								
75	24/67%	95-0299	2.03	8/74.1'-85.0'					
80	25/100%								
			0.32		81.0'-117.0' TUFF, same as above (SAA), nonindurated, nonwelded.				
85	26/90%								
			0	9/85.0'-98.5'					
90	27/60%		1.15						
95	28/100%								
		95-0304	1.75		@ 95.0' TUFF, light brownish gray 5 YR 6/1, nonindurated, nonwelded to slightly welded, devitrified rhyolite ash flow, dry. Pumice lapilli are light gray to medium brown, 0.5-2.0 cm, 10%. Matrix phenocrysts and lithics are SAA.				
100	29/100%								
			1.37	10/98.5'-107.1'					
105	30/90%								
			13.61						
110	31/75%		4.87	11/107.1'-117.0'					
		95-0309	4.40						@ 112.0', lost air circulation.
115	32/50%								
120					TD = 117.0'				

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9102 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 7 cuttings 9 core Start Date: 8/2/95 Time: 08:30 End Date: 8/8/95 Time: 14:30

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans ERM/Golder Declination: 45.0° Bearing: S 10.0° W TD: 110.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-9' surface cuttings in 5 boxes	0-3.5' TOPSOIL/FILL, organic clay, silt, sand, dark brown, moist.			NA	Borehole 50-9102 is located approximately 25.0' north of and angled beneath Pit 5. Surface casing set at 9.0'.
5			12.24		3.5'-5.0' TUFF, weathered, moist.		Unit 3, Tshirege Member, Bandelier Tuff		
			32.99		5.0'-31.0' TUFF, pale red 10 R 6/2 slightly indurated, slightly welded, rhyolite ash flow, dry. Pumice lapilli are light gray, coarsely devitrified, sugary texture, 0.3-2.5 cm, 10%. Matrix phenocrysts are quartz and sanidine, each 5% and up to 1.5 mm.				
10	2/25%								
15	3/100%		1.13	1/8.0'-24.0'					
	4/80%	95-0004	0.55						
20	5/90%				@ 22.0' TUFF, same as above (SAA), pumice lapilli are 15% and up to 3.0 cm.				
25			0.48						
	6/30%		0.38	2/24.0'-36.0'					
30	7/90%				31.0'-62.0' TUFF, pale red brown 10 R 5/4, slightly indurated to moderately indurated ash flow, moist. Pumice lapilli are gray to white, coarsely devitrified, 0.5-3.5 cm, 5-10%, with quartz phenocrysts to 0.03 mm, fine-grained moderate-red iron crystals (goethite), and minute anhedral black magnetite crystals. Matrix phenocrysts are sanidine showing Schiller blue iridescence and bipyramidal quartz, each 5-10% and up to 1.0 mm.				
35			1.6						
	8/80%								
	9/55%	95-0009	1.4	3/36.0'-47.0'					@ 36.0'-38.0', Light orange brown clay fracture coatings (sampled) and black glassy fragments. In addition, moderate Fe oxide (limonite) stain in matrix.
40	10/46%								
45	11/100%		1.97						
50	12/100%		84.83	4/47.0'-55.3'					
			225.35						
55	13/100%								
				5/55.3'-68.0'					
60	14/100%	95-0014	14.02						

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9102 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 7 cuttings 9 core Start Date: 8/2/95 Time: 08:30 End Date: 8/8/95 Time: 14:30

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/Golder Declination: 45.0° Bearing: S 10.0° W TD: 110.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	14/ Cont.				31.0'-62.0' (continued) TUFF, SAA, moist, ash flow.		Unit 3, Tshirege Member, Bandelier Tuff	NA	@ 60.0', 2.0 mm thick weak Fe oxidization halo around devitrified pumice lapilli.
	15/40%		68.98	5/55.3'-68.0' Cont.	TUFF, pinkish gray 5 YR 8/1, nonindurated, slightly welded, ash flow, dry.				
65	16/40%				62.0'-110.0'				
			2251.87						
	17/60%								
70	18/100%		849.32	6/68.0'-81.0'	@ 73.0' TUFF, SAA, nonindurated local weak Fe oxide (limonite) in matrix.				
75	19/60%	95-0019	339.76						
	20/100%								
80			87.45	7/81.0'-97.0'					
85	21/70%		48.35		@ 88.0' PHENOCRYSTS, 100% well sorted, loose, subhedral quartz (65%) and sanidine (35%), 1.0-3.0 mm.				@ 88.0'-88.5', phenocryst-rich interval is possible surge related deposit.
			46.11						
90	22/30%		24.37		@ 88.5'				
	23/100%				TUFF, SAA, pinkish gray 5 YR 8/1, nonindurated, slightly welded, ash flow, dry.				
95			11.30						
	24/100%	95-0024	12.65						
	25/100%			8/97.0'-104.0'	@ 97.0' PHENOCRYSTS, 80%, LITHICS, 80%, dacite, angular up to 3.0 cm.				@ 97.0'-97.2', phenocryst- and lithic-rich interval is possible surge related deposit.
100	26/100%				@ 97.1'				
	27/100%								
	28/100%		14.36		@ 97.2' TUFF, SAA, pinkish gray 5 YR 8/1, nonindurated, dry.				
105	29/100%								
	30/100%		18.24	9/104.0'-110.0'	@ 107.0' PHENOCRYSTS, 40%, SAA, in nonindurated ash flow tuff.				@ 107.0'-110.0', phenocryst-rich interval is possible surge related deposit.
		95-0029	17.53						
110					TD = 110.0'				
115									@ 110.0', drilling tools stuck and recovered.
120									

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9103 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 6 cuttings 10 core Start Date: 8/10/95 Time: 12:00 End Date: 8/22/95 Time: 12:30

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/Golder Declination: 45.0° Bearing: N 32.0° W TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology		Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-8' surface cuttings in 6 boxes	0-0.5'	TOPSOIL, organic.			NA	Borehole 50-9103 is located approximately 45.0' east of Pit 1 in the southeastern corner of MDA C and angled beneath the ramp to Pit 3. Surface casing set at 9.0'. @ 11.3'-11.9', clay-filled fracture. @ 18.7', weak oxidation on open hairline fracture.
					0.5'-7.0'	FILL, medium brown, reworked tuff, moist.				
5			0							
			0		7.0'-52.0'	TUFF, grayish orange pink 5 YR 7/2 to pale yellowish brown 10 YR 6/2, moderately oxidized, weathered rhyolite ash flow.		Unit 3, Tshirege Member, Bandelier Tuff		
10	2/50%			1/6.0'-15.0'						
	3/70%		0							
	4/65%									
15	5/100%				@ 12.0'	TUFF, grayish pink 5 YR 8/1, slightly indurated, non-welded, rhyolite ash flow, dry. Pumice lapilli are coarsely devitrified with sugary texture along relict tube structures. 0.5-2.0 cm, 5-10%.				
	6/100%			2/15.0'-27.2'						
20	7/100%	95-0104	0.21							
	8/90% 9/83%		0							
25	10/90%									
			0	3/27.2'-39.0'	@ 24.0'	TUFF, same as above (SAA), nonindurated.				
30	11/75%									
			0.15		@ 32.0'	TUFF, SAA, pinkish gray 5 YR 8/1.				
35	12/100%				@ 36.0'	TUFF, SAA, slightly indurated.				
	13/100%	95-0109	5.34							
40										
	14/96%		0	4/39.0'-47.5'	@ 42.0'	TUFF, SAA, pumice lapilli up to 2.0 cm, coarsely devitrified with sugary texture.				
45			0.33							
	15/94%	95-0104	0.11			TUFF, grayish orange pink 5 YR 7/2, slightly oxidized matrix, moderately indurated, moderately welded rhyolite ash flow, dry to locally moist. Pumice lapilli are elongate 0.2 by 1.0 cm, 5-10%. Matrix phenocrysts are subhedral quartz (5%) up to 2.0 mm.				@ 45.1'-45.3', moderately oxidized tuff. @ 56.0'-59.0', strongly oxidized moist tuff and Fe-rich clay in open fracture (sampled).
50	16/68%		0.84	5/47.5'-59.5'	52.0'-83.0'					
55	17/60%									
	18/93%	95-0114	0.17							
60	19/100%									

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9103 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 6 cuttings 10 core Start Date: 8/10/95 Time: 12:00 End Date: 8/22/95 Time: 12:30

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans ERM/ Golder Declination: 45.0° Bearing: N 32.0° W TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	19/Cont.				52.0'-83.0' (continued) TUFF, grayish orange pink, slightly oxidized, slightly indurated, slightly welded, rhyolite ash flow, dry. Pumice lapilli are coarsely devitrified with sugary texture on relict tube structures, 0.5-2.0 cm, 5-10%. Matrix phenocrysts are quartz (10%) and sanidine (10%), each up to 1.0 mm, sanidine with Schiller blue iridescence. Pumice lapilli have faint yellowish brown 10 YR 2/2 stain and light gray sugary texture. Local limonite as irregular solution bands in matrix.		Unit 3, Tshirege Member, Bandelier Tuff	NA	@ 59.0'-64.0', local oxidation patches on fracture fill.
65	20/23%		0.54	6/59.5'-70.2'					@ 67.0'-69.0', oxidized pumice lapilli remnants.
	21/85%								
70	22/100%		0.87						@ 69.0'-73.0', Fe oxidation in matrix.
75	23/50%				@ 73.0'				
	24/100%	95-0119	0	7/70.2'-85.1'	@ 78.0'				
80	25/50%		0.67						
	26/67%				83.0'-120.0'				
85	27/100%								
	28/100%		1.03		TUFF, SAA, pale yellowish brown, slightlyindurated, nonwelded.				@ 86.0'-91.0', Fe oxidation throughout matrix.
	29/100%								
90	30/37%			8/85.1'-94.3'					
	31/100%		0.82		TUFF, SAA, pinkish gray 5 YR 8/1, nonindurated, non-welded.				@ 88.5', Fe oxide stain is possible relict water mark.
	32/20%								
95	33/100%	95-0124	0.85						
100	34/100%		1.89	9/94.3'-106.0'	TUFF, SAA, very light gray, nonindurated, nonwelded rhyolite ash flow, dry. Pumice lapilli are coarsely devitrified with sugary texture on relict tube structures, 0.5-2.0 cm, 5-10%. Matrix phenocrysts are quartz (10%) and sanidine (10%), each up to 1.0 mm, sanidine with Schiller blue iridescence.				
	35/100%								
105	36/100%		0.82						
110	37/93%		0.43	10/106.0'-120.0'					
115	38/78%	95-0129	0.53		@ 105.0' TUFF, SAA, very soft (non-indurated).				@ 119.0'-120.0', fracture with some clay and Fe oxide.
120	39/100%		0		TD = 120.0'				

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9104 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 7 cuttings 8 core Start Date: 8/15/95 Time: 16:15 End Date: 8/17/95 Time: 09:00

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Mann, Rene Evans EPM/Golder Declination: 90.0° Bearing: NA TD: 90.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-10' surface cuttings in 7 boxes	0-2.5' TOPSOIL, organic, brown. 2.5'-4.0' FILL, reworked tuff, moist.			NA	Borehole 50-9104 is located approximately 18.0' south of Pit 1 and 5.0' inside of and midway along the southern boundary of MDA C. Surface casing set at 10.0'.
5			0.94		4.0'-10.1' TUFF, pulverized.		Unit 3, Tshirege Member, Bandelier Tuff		
10	2/78%	95-0075	0.06 0.52	1/9.0-19.2'	TUFF, pale brown 5 YR 5/2 slightly indurated, slightly welded, moist, rhyolite ash flow. Pumice lapilli are very light gray to pinkish gray 5 YR 8/1, coarsely devitrified with sugary frosty texture, elongate 0.3 by 1.5 cm to 1.0 by 4.0 cm, 3.0-5.0%.				
15	3/100%		0.13						
20	4/100%			2/19.2'-28.0'	@ 21.0' TUFF, SAA, gradual color change to pale yellowish brown 10 YR 6/2.				
25	5/100%	95-0079	7.59 26.46		@ 29.3' TUFF, SAA, grayish pink 5 R 8/2 with weak iron oxide stain throughout matrix. Pumice lapilli are also partially oxidized.				
30	6/85%		46.29	3/28.0'-35.7'					
35	7/100%	95-0083	34.11 30.76		35.0'-60.0' TUFF, SAA, pale red 5 R 6/2 to local moderate red 5 YR 5/6, locally strongly oxidized.				@ 36.6'-38.6', fracture coated with amorphous light brown 5 YR 5/6 clay in 1.0 mm thick concoidal blocks (sampled).
40	8/90% 9/41% 10/20% 11/80%			4/35.7'-46.6'	@ 39.0' TUFF, SAA, pumice lapilli are altered to light gray to dull white powdery masses surrounded by Fe oxide stained matrix.				@ 39.0'-44.0', moist ash flow tuff.
45	12/100%	95-0085	7.82		@ 43.0' TUFF, SAA grayish orange pink 5 YR 7/2, non-welded, local Fe oxide stain in matrix. Pumice lapilli are light gray with some chocolate brown, 1.0-5.0 cm.				@ 52.2', 3.5 by 5.0 cm devitrified welded pumice lapilli.
50	13/93% 14/100%		6.39	5/46.6'-57.0'					
55	15/55%				@ 57.0' TUFF, SAA, grayish pink 5 R 8/2, slightly welded, med. gray pumice lapilli, 0.5-1.0 cm.				
60	16/100% 17/20%	95-0087	2.31	6/57.0'-69.0'					

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ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9104 TA/ CU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 7 cuttings 8 core Start Date: 8/15/95 Time: 16:15 End Date: 8/17/95 Time: 09:00

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/Golder Declination: 90.0° Bearing: NA TD: 90.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	18/100%		1.52	6/57.0'-69.0' Cont.	50.0'-90.0' (continued) TUFF, grayish pink 5 YR 8/2 nonwelded to slightly welded.		Unit 3, Tshirege Member, Bandelier Tuff	NA	
65	19/73%								
	20/60%				@ 63.0 TUFF. SAA, matrix phenocrysts are subhedral sanidine, 0.1-0.5 mm, 2%, Schiller blue iridescence.				
70	21/100%		3	7/69.0'-83.5'					
	22/100%		0.32						
	23/0%				@ 73.0' TUFF, pale yellowish brown 10 YR 6/2, nonindurated, non-welded, dry, rhyolite ash flow.				
75	24/30%								
	25/80%		1.57						
80	26/87%	95-0095	0.52		PHENOCRYSTS, 50%, quartz, 0.5-1.5 mm in tuff matrix.				
	27/100%		0		@ 83.0' TUFF, nonindurated, non-welded, dry, rhyolite ash flow.				@ 83.0'-83.4' and 87.0'-88.5', phenocryst-rich intervals are possible surge related deposits.
85	28/100%			8/83.5'-90.0'	@ 83.4'				
	29/100%	95-0099	0.99		@ 87.0' PHENOCRYSTS, 50%, quartz, 0.5-1.5 mm in tuff matrix.				
	30/97%				@ 88.5' TUFF, nonindurated, non-welded, rhyolite ash flow, dry.				
90					TD = 90.0'				
95									
100									
105									
110									
115									
120									

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9105 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 4 cuttings 11 core Start Date: 8/23/95 Time: 10:45 End Date: 8/28/95 Time: 11:25

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Mann, Rene Evans EPM/Golder Declination: 45.0° Bearing: S 86.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-7' surface cuttings on 4 boxes	0-0.4' ASPHALT. 0.4'-6.5' FILL, medium brown, reworked tuff, silt, clay some sand and pebbles moist.			NA	Borehole 50-9105 is located approximately 90.0' east of Pit 3 in the noncontrolled portion of MDA C and angled beneath vertical disposal shafts near the east end of Pit 3. Surface casing set at 7.0'. @ 11.7', Fe oxide on fracture. @ 28.2'-29.1', fracture with Fe oxide, clay and roots, sampled for Chemvan VOC and PCB analysis. @ 35.0'-38.0' sampled maroon red stain for contract analyte suite. @ 44.5', mod. FeOx stain, lt. brown 5YR 5/6 in matrix; core loss likely due to fracture.
5	2/86%		0						
10	3/100%		0.93	1/6.0'-14.0'	6.5'-7.0' TUFF, pulverized. 7.0'-50.0' TUFF, grayish orange pink 5 YR 7/2, slightly indurated, non-welded, rhyolite ash flow. Pumice lapilli are sparse (< 5%), 0.1-1.0 cm, smaller are dark brown and iron rich, larger are coarsely devitrified, pale yellowish brown 10 YR 6/2. TUFF, same as above (SAA), grayish pink 5 R 8/2 to pale yellowish brown 10 YR 6/2, slightly indurated, nonwelded, phenocryst rich. Pumice lapilli are 1.5-2.0 cm light yellow brown from Fe oxide, coarsely devitrified with a sugary texture. Phenocrysts are quartz (15%) and sanidine (10%, each average 0.5 mm and up to 1.5 mm. TUFF, SAA, light brownish gray 5 YR 6/1, slightly indurated, slightly welded, rhyolite ash flow. Pumice lapilli are 0.3-1.5 cm, coarsely devitrified and rimmed by light pinkish gray vapor-phase alteration clay. TUFF, pale yellowish brown 10 YR 6/2, slightly indurated, non-welded rhyolite ash. Pumice lapilli are 5-10%. Sanidine with Schiller blue iridescence.		Unit 3, Tshirege Member, Bandelier Tuff		
			0.27						
15	4/90%	35-0135	0.39	2/14.0'-24.0'	@ 14.4'				
20	5/100%		0.18						
	6/100%								
25	7/94%			3/24.0'-32.3'	@ 27.6'				
30	8/100%		0						
35	9/100%	35-0140	0.08 0.75	4/32.3'-44.0'					
40	10/100%								
	11/0%		4.24						
45	12/92%		1.69						
	13/100%			5/44.0'-53.0'					
50			5.00		50.0'-94.0'				
	14/100%								
55	15/100%	35-0145	32.01	6/53.0'-63.5'					
60									

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9105 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 4 cuttings 11 core Start Date: 8/23/95 Time: 10:45 End Date: 8/28/95 Time: 11:25

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Mann, Rene Evans ERM/Golder Declination: 45.0° Bearing: S 86.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	15/Cont.			6/59.5'-70.2' Cont.	50.0'-94.0 (continued)		Unit 3, Tshirege Member, Bandelier Tuff	NA	@ 61.2'-62.0', fracture with oxidized clay.
		95-0100	19.14						
65	16/100%		13.22		@ 60.0' TUFF. SAA, pumice lapili are light gray, coarsely devitrified and sugary, 1.5-2.0 cm.				
			41.32	7/63.5'-72.0'	TUFF pale yellowish brown 10 YR 6/2 slightly indurated, nonwelded, phenocryst rich rhyolite ash flow. Pumice lapili contain some local Fe oxide. Phenocrysts are quartz (5-10% up to 2.0 mm) and sanidine (5% up to 1.0 mm) with Schiller blue iridescence.				
70	17/100%		29.84						@ 81.8', 10.0 cm welded tuff xenolith containing an equant 1.5 cm dacite lithic with 1.0-2.0 mm quartz phenocrysts surrounded by feldspar (plagioclase-like) altering to clay (kaolinite?).
	18/75%								
75	19/83%			8/72.0'-82.9'	@ 77.0'				
80	20/100%	95-0150	0.20		TUFF, SAA, variably nonindurated to slightly indurated, slightly welded. Pumice lapili are SAA. Dacite lithics are <2%, up to 2.0 cm.				
			0.36						
85	21/46%								
			0.03	9/82.9'-102.0'	@ 89.5' TUFF, SAA, slightly-indurated ash flow. Pumice lapili are SAA except unique 4.0-5.0 cm coarsely devitrified pumice bomb with sugary texture after relict tube structures.				
90	22/50%								
			0.41						
95	23/38%				94.0'-120.0' TUFF, grayish orange pink 5 YR 7/2 nonindurated to slightly indurated, nonwelded, rhyolite ash flow. Pumice lapili are two types: (1) coarsely devitrified, 0.5-2.0 cm, (2) brown, fine-grained with lapili cores altered to white clay (kaolinite?). PHENOCRYSTS, 50%, 0.5-1.5 mm quartz in tuff matrix.				
	24/100%	95-0155	2.41						
100									@ 102.0' lost circulation air due to plugged bit.
	25/0%		0.47		@ 102.8'				
	26/100%				@ 103.5'				
105	27/0%			10/102.0'-112.0'					@ 102.8'-103.5', phenocryst-rich interval is possible surge related deposit.
	28/75%		0.13						
110	29/43%								
	30/100%		0.84	11/112.0'-120.0'					@ 103.5', oxidized fracture with some dark brown clay.
115	31/100%	95-0160	0.87		TUFF, SAA, grayish orange pink 5 YR 7/2, nonindurated.				
120					TD = 120.0'				

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ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9106 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 3 cuttings 10 core Start Date: 8/9/95 Time: 16:45 End Date: 8/15/95 Time: 14:00

Drilling Equip./ Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Mann, Rene Evans EFM/Golder Declination: 45.0° Bearing: S 75.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-7' surface cuttings in 3 boxes	0-0.7' SOIL, organic, silty, sand, clay. 0.7'-5.0' FILL, medium brown, reworked tuff, moist.			NA	Borehole 50-9106 is located approximately 50.0' east of Pit 4 in the central portion of MDA C and angled beneath vertical disposal shafts and the former ramp at the east end of Pit 4. Surface casing set at 8.0'. @ 11.0'-41.0', poor and inconsistent recovery due to fractured tuff and poor air circulation. @ 28.0'-29.0', phenocryst-rich aggregate is possible surge-related deposit. @ 48.4'-49.0', strongly oxidized fracture with clay, sampled for MRAL.
5			0		5.0'-7.0' TUFF, pulverized, moist.				
	2/50%		6.05		7.0'-51.5' TUFF, pale red 5 R 6/2, rhyolite ash flow, nonindurated, dry to slightly moist. Pumice lapilli are relict pits in core. 15%, 1.0-2.0 cm. Core moisture impacts recovery by clogging the circulation hose.		Unit 3, Tshirege Member, Bandelier Tuff		
10	3/24%		0.61	1/6.0'-28.5'					
15	4/0%								
	5/0%								
20	6/17%		1.25		@ 22.0' TUFF, same as above (SAA), iron oxide on fracture with some clay.				
	7/15%								
25	8/0%								
	9/100%								
	10/80%								
30	11/100%	95-0046	6.39		@ 28.0' PHENOCRYST AGGREGATE, 50% in tuff matrix, light brownish gray 5 YR 6/1 elongate pieces (1.0-4.0 cm) of cemented quartz and sanidine crystals (0.5-1.5 mm).				
	12/50%		17.97	2/28.5'-38.0'	@ 29.0' TUFF, SAA, 30% phenocrysts.				
35	13/67%		428.59						
	14/0%								
40	15/100%	95-0050	1688.41	3/38.0'-49.0'					
45	19/100%				@ 48.0' TUFF, SAA, light brownish gray 5 YR 6/1, nonindurated, non-welded, rhyolite ash flow, dry.				
	20/100%								
	21/100%								
50	22/50%		1396.36						
	23/100%			4/49.0'-56.5'	TUFF, pinkish gray 5 YR 8/1, slightly indurated, slightly welded, rhyolite ash flow, dry. Pumice lapilli are elongate up to 1.0 by 5.0 cm, light brown to very light gray, coarsely devitrified, with some Fe oxide.				
	24/70%		260.21		51.5'-91.5'				
55	25/100%								
	26/100%								
	27/93%	95-0054	27.29	5/56.5'-65.3'					
60	28/97%								

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9106 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 3 cuttings 10 core Start Date: 8/9/95 Time: 16:45 End Date: 8/15/95 Time: 14:00

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans EPM/Golder Declination: 45.0° Bearing: S 75.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	28/ Cont.			5/56.5'-65.3' Cont.	51.5'-91.5' (continued)		Unit 3, Tshirege Member, Bandelier Tuff	NA	@ 65.0'-70.0', fractures are prominent but fresh with no clay or Fe oxide.
	29/ 100%		2.97		@ 62.5' TUFF, SAA, moderately indurated, moderately welded, rhyolite ash flow, dry. Pumice lapili are elongate averaging 1.0 cm long, light gray to dark chocolate brown, coarsely devitrified.				
65	30/ 90%		1.59	6/65.3'-76.0'					
	31/ 90%	95-0058	2.96						
70	32/ 80%								
75			1.58		@ 75.0' TUFF, SAA, pinkish gray 5 YR 8/1, rhyolite ash flow, dry.				
	33/ 93%		2.36	7/-76.0'-85.8'	TUFF, pinkish gray 5 YR 8/1, nonindurated to slightly indurated, nonwelded to slightly welded, rhyolite ash flow, dry. Pumice lapili are lt. gray to med. brown, coarsely devitrified, <1.0 cm, 15%. Tuff matrix contains yellow iron oxide surrounding dark brown pumice lapili.				
80	34/ 93%								
85	35/ 100%	95-0063	2.63						
90	36/ 91%			8/85.8'-98.0'					
	37/ 83%		0.66		91.5'-120.0'				
95	38/ 33%				PHENOCRYSTS, loose, 40% in tuff matrix, subrounded quartz, Schiller blue iridescent sanidine, 0.5-2.0 mm.				
	39/ 20%				@ 98.0'				
100	40/ 100%		1.02	9/98.0'-111.5'	@ 98.5' TUFF, SAA.				@ 98.0'-119.0', multiple phenocryst-rich intervals are possible surge related deposits.
	41/ 100%	95-0067	1.46		@ 104.0' PHENOCRYSTS, 100%.				
105	42/ 100%		0.77		@ 104.7' TUFF, SAA, 20% phenocrysts.				
	43/ 0%				@ 110.0' TUFF, very light gray, nonindurated, ash flow, dry.				
	44/ 100%								
110	45/ 100%				@ 113.5' PHENOCRYSTS, 60%.				
	46/ 100%		1.37		@ 114.0' TUFF, SAA.				
	47/ 100%			10/111.5'-120.0'	@ 115.5' PHENOCRYSTS, 60%.				
115	48/ 100%	95-0071	2.33		@ 117.0' TUFF, SAA.				
	49/ 100%				@ 118.0 PHENOCRYSTS, 70%.				
120					@ 119.0' TUFF, SAA.				
					TD = 120.0'				

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9107 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 4 cuttings 10 core Start Date: 8/28/95 Time: 13:00 End Date: 8/30/95 Time: 12:30

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Marin, Rene Evans ERM/Golder Declination: 45.0° Bearing: N 4.0° W TD: 118.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-7' surface cuttings in 4 boxes	0-1.0' SOIL, clay, silt and sand, red brown, moist.		Unit 3, Tshirege Member, Bandelier Tuff	NA	Borehole 50-9107 is located in the noncontrolled central portion of MDA C approximately 30.0' south of and angled beneath Pit 6. Surface casing set at 7.0'.
5	2/24%			1/6.0'-19.6'	1.0'-11.0' FILL, moderate brown 5 YR 3/4, organic, moist.				
10	3/100%		1.12		11.0'-62.2' TUFF, grayish orange pink 5 YR 7/2 nonindurated, slightly welded rhyolite ash flow, dry. Pumice lapili are 10-15%, 0.5-2.0 cm, elongate, contain minute quartz and sanidine crystals in coarsely devitrified sugary texture along relict tube structures. Phenocrysts are local bipyramidal quartz in pumice lapili and tuff matrix up to 1.0 mm.				@ 36.0'-36.5', some weak FeOx and some clay on few fractures.
15	4/50%	95-0166	1.47						
20	5/90%		0.64	2/19.6'-28.0'					
25	6/100%		1.15						
	7/80%								
30	8/100%		2.42	3/28.0'-41.3'	@ 25.9' TUFF, same as above (SAA), pinkish gray 5 YR 8/1 slightly indurated, nonweided rhyolite ash flow, dry.				
35	9/67%	95-0171	152.17						
40	10/74%								@ 43.0'-43.5', strongly oxidized fracture with clay surrounded by red-stained (moderately oxidized) tuff matrix.
45	11/20%		8840.79	4/41.3'-49.8'	@ 43.0' TUFF, pale red 5 YR 6/2, slightly indurated, slightly welded rhyolite ash flow, dry. Pumice lapili are slightly elongate and contain minute quartz and sanidine crystals in coarsely devitrified sugary texture along relict tube structures.				
	12/100%		6364.79						
	13/100%	95-0107	1789.44						
50	14/90%								
55	15/89%		49964.16	5/49.8'-60.0'					@ 46.0'-46.5', red stained (moderately oxidized) dry tuff.
60	16/100%	95-0176	32565.53						

LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION PROJECT
FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9107 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 4 cuttings 10 core Start Date: 8/28/95 Time: 13:00 End Date: 8/30/95 Time: 12:30

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Jon Mann, Rene Evans EPM/ Golder Declination: 45.0° Bearing: N 4.0° W TD: 118.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	17/80%		11594.98	6/60.0'-68.4'	11.0'-62.2' (continued) TUFF, SAA.		Unit 3, Tshirege Member, Bandelier Tuff	NA	
65	18/0%		11599.06		66.2'-90.0 TUFF, SAA, moderately indurated, slightly welded, phenocryst rich rhyolite ash flow, dry. Pumice lapilli are elongate, 0.2-1.5 cm, 5%, coarsely devitrified, minute quartz and sanidine along relict tube structures. Matrix phenocrysts are quartz and sanidine with Schiller blue iridescence, 10% each, up to 1.0 mm. Rare dacite lithic 4.0 by 6.0 cm.				
	19/100%	95-0182	13111.68						
	20/100%								
70	21/75%		26306.58	7/68.4'-79.0'					
	22/100%								
75	23/60%	95-0181	10190.65						
	24/100%								
80	25/100%			8/79.0'-90.5'					
	26/85%		448.31 231.45						@ 85.5'-86.8', fracture with Fe oxide and some clay.
85	27/100%								
	28/0%				TUFF, grayish orange pink 5 YR 7/2, nonindurated, non-welded, soft rhyolite ash flow, dry. Pumice lapilli are dull whitish gray to dark brown, coarsely devitrified, 5%, 0.5-4.0 cm. Phenocrysts are quartz and sanidine with Schiller blue iridescence, 10% each, up to 1.0 mm.				
90	29/0%								
	30/93%				90.0'-118.0'				
	31/93%		665.54						
95	32/85%	95-0186	659.81	9/90.5'-102.8'	@ 97.0'				@ 97.0'-98.4', phenocryst-rich interval is possible surge-related deposit.
100	33/72%		112.55		@ 98.4'				
105	34/88%		26.93	10/102.5'-118.0'	PHENOCRYSTS, 60%, well sorted, up to 1.0 mm, bipyramidal quartz and subhedral sanidine, in tuff matrix.				
110	35/60%	95-0191	22.5						
115	36/0%				TUFF, SAA, grayish orange pink 5 YR 7/2, nonindurated, nonwelded, soft rhyolite ash flow, dry.				
120					TD = 118.0'				

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BOREHOLE LOG

BOREHOLE ID: 50-9108 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling inc. Core Box #(s) 4 cuttings 11 core Start Date: 8/30/95 Time: 16:00 End Date: 9/6/95 Time: 9:00

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Rene Evans, Jon Marin ERM/Golder Declination: 45.0° Bearing: N 40.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-7.5 surface cuttings in 4 boxes	0-1.0' SOIL, brown, organic, silt, clay. 1.0'-7.5' FILL, reworked fine to coarse tuff, moderate brown to pale gray orange pink 5 YR 7/2, moist.			NA	Borehole 50-9108 is located approximately 25.0' south of the Chemical Pit in the western controlled portion of MDA C and angled beneath the Chemical Pit and Pit 6. Surface casing set at 7.5'. @ 8.1'-8.8' and 14.0'-14.5', red stained (moderately oxidized) tuff matrix. @ 36.0', possible weak oxidation stain. @ 40.0'-40.5', brown FeOx stain.
5			0						
	2/80%		1.21	1/6.0-14.5'	7.5'-41.0' TUFF, grayish pink orange 5 YR 7/2, nonindurated to slightly indurated, slightly welded to moderately welded rhyolite ash flow, dry. Pumice lapilli are devitrified, gray, <1-5%, 0.3-1.0 cm. Phenocrysts are quartz and sanidine, 10-20%, 1.0 mm.		Unit 3, Tshirege Member, Bandelier Tuff		
10	3/88%		0						
15	4/80%	95-0195	0.68	2/14.5-26.0'					
20	5/75%								
25	6/75%	95-0200	2.14		@ 14.5' TUFF, same as above (SAA), very light gray N8 to light to moderate brown 5 YR 5/6 to 5 YR 4/4, slightly welded, weakly oxidized with iron (Fe) oxide splotches in matrix.				
	7/70%		1.6	3/26.0'-39.5'					
30			1.99						
35	8/40%				@ 31.0' TUFF, SAA, pale light brown gray 5 YR 6/1.				
	9/100%								
	10/88%	95-0200	0.52		@ 36.0' TUFF, SAA, pale to moderate brown 5 YR 5/2 to 5 YR 4/4				
40	11/57%			4/39.5'-48.8'	@ 39.5' TUFF, SAA, pale gray to light brownish gray 5 YR 6/1. 41.0'-95.5' TUFF, light brownish gray 5 YR 6/1, moderately indurated, moderately welded, rhyolite ash flow, dry. Pumice lapilli are 2-5%, white to pale gray, devitrified with remnant tube structures. Matrix phenocrysts are quartz and sanidine, 20-30% total. Local rubbly, less-indurated intervals, 0.5-1.0 ft thick.				
45	12/85%	96-0110	0.48						
			1.25						
50	13/88%								
			1.01	5/48.8'-59.0'					
55	14/100%		1.52						
	15/96%	95-0205	0.96						
60				6/59.0-67.5'					

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BOREHOLE ID: 50-9108 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 4 cuttings 11 core Start Date: 8/30/95 Time: 16:00 End Date: 9/6/95 Time: 9:00

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Rene Evans, Jon Marin ERM/Golder Declination: 45.0° Bearing: N 40.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	15/Cont.			6/59.0'-67.3' Cont.	41.0'-95.5' (continued) TUFF, SAA.		Unit 3, Tshirege Member, Bandelier Tuff	NA	@ 68.5', rare oxidized clay accumulation in tuff matrix (5 YR 5/6).
	16/90%		0.87		@ 62.5' TUFF, SAA, nonindurated to slightly indurated intervals.				
65	17/100%		1.0		@ 67.3' TUFF, SAA, moderately indurated, moderately welded, rhyolite ash flow, dry.				
70	18/80%			7/67.3'-76.2'					
			4.95						
75	19/92%	95-0210	12.03		@ 76.0' TUFF, SAA, 3.0 by 4.0 cm xenolith of intermediate volcanic composition (dacite).				@ 75.0', fracture at 30 degrees to core axis with oxidized clay and black coating such as manganese oxide (MnO_2).
80	20/100%		19.84	8/76.2'-86.6'					
85	21/70%		22.56						
90	22/73%			9/86.6'-100.0'					
	23/100%		26.35						
95	24/100%	95-0215	44.83		95.5'-120.0' TUFF, gray orangish pink 5 YR 7/2 to very light gray N8, nonindurated (powdery), non-welded rhyolite ash flow, dry. Pumice lapilli are rare, < 1%, devitrified and average 1.0 cm. Phenocrysts are quartz and sanidine, 20-25% total, up to 1.0 mm. Matrix contains 5% oxidized golden brown (10 YR 6/6 to 5 YR 4/4) stained areas up to 2.0 mm from possible oxidation of ferric mineral (i.e., hematite).				
	25/38%								
100	26/30%		60.13	10/100.0'-112.0'					
105	27/25%		83.36						
	28/60%								
110	29/85%		95.34						
	30/50%								
	31/100%	95-0220	89.86	11/112.0'-120.0'					
115	32/88%								
			57.8						
120					TD = 120.0'				

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FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9109 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 5 cuttings 12 core Start Date: 9/11/95 Time: 14:45 End Date: 9/14/95 Time: 17:30

Drilling Equip./ Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Rene Evans, Jon Marin EPM/Golder Declination: 45.0° Bearing: N 84.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-8.0' surface cuttings in 5 boxes	0-0.5' SOIL, dark brown, organic, sat., clay. 0.5'-17.5' FILL, reworked tuff, clay, silt, sand, fine to coarse, dark brown to red brown, moist.		Unit 3, Tshirege Member, Bandelier Tuff	NA	Borehole 50-9109 is located approximately 35.0' within the most western corner of MDA C and angled beneath Pit 6. Surface casing set at 8.0'.
5	2/100% 3/80%		0						
	4/40%		0.04	1/8.9'-15.5'					
10	5/100%		0.63						
	6/50%								
15	7/75%								
	8/65%			2/15.5'-26.5'	17.5'-42.0' TUFF, light brown gray 5 YR 6/1 to grayish orange pink 5 YR 7/2, slightly indurated, slightly welded to moderately welded, rhyolite ash flow, dry. Pumice lapilli are 10%, white, devitrified, and powdery. Phenocrysts are quartz and sanidine, 20-25% total. Lithics absent. Local areas (splotches and streaks) of weak iron oxide in matrix.				
20	9/75%	95-0226	0						
	10/60%								
25	11/60%		0 4.51						
	12/100%			3/26.5'-36.6'					
30	13/100%		0						@ 34.1'-36.0', moderately oxidized tuff.
	14/100%	95-0231	0.21						
35	15/100%		0.64	4/36.5'-44.9'					@ 46.8', local Fe oxidation in tuff matrix possibly from de-composed lithics.
40	16/100%				TUFF, grayish orange pink 5 YR 7/2, slightly indurated, slightly welded to moderately welded, rhyolite ash flow, dry. Intermediate composition lava (dacite) lithics are 2%, 2.0 by 2.0 cm and moderate iron oxide splotches in matrix.				
	17/65%								
45	18/70%		0.09		42.0'-102.5'				
	19/70%	96-0111	0.89 0.32	5/44.9'-53.1'					@ 51.0'-51.2', phenocryst-rich interval is possible surge related deposit.
50	20/90%				@ 51.0' @ 51.2'				
	21/87%				PHENOCRYSTS, 40-45%, quartz and sanidine in tuff matrix.				@ 51.2'-51.5', vertical fracture with FeOx and clay.
55	22/82%		0	6/53.1'-63.9'	TUFF, SAA.				
	23/100%	95-0236	0						@ 57.8'-58.0', red clay.
60									

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BOREHOLE LOG

BOREHOLE ID: 50-9109 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 5 cuttings 12 core Start Date: 9/11/95 Time: 14:45 End Date: 9/14/95 Time: 17:30

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Rene Evans, Jon Marin ERM/Golder Declination: 45.0° Bearing: N 84.0° E TD: 120.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	25/75%			6/53.1'-63.9' Corr.	42.0'-102.5' (continued) TUFF, grayish orange pink 5 YR 7/2, slightly indurated, slightly welded to moderately welded, rhyolite ash flow, dry. SAA, pumice lapilli, phenocrysts, lithics, and Fe oxide in matrix.		Unit 3, Tshirege Member, Bandelier Tuff	NA	
	26/100%		0.98						
65	27/100%		0.86						
	28/100%	36-0112	1.35	7/63.9'-71.7'					@ 65.5', installed casing due to lost air circulation.
	29/77%		1.27						
70	30/100%				@ 70.0' TUFF, SAA, moderately indurated, moderately welded.				
			1.52	8/71.7'-81.5'					
75	31/94%								@ 75.5', open fracture, no clay, weak FeOx in 1.0-2.0 mm splotches.
		95-0246	0.77						
80	32/100%								
	33/100%		0.71						
85	34/48%		13.77	9/81.5'-92.7'	@ 91.0' TUFF, SAA, pink gray 5R 8/2, slightly indurated, nonweided to slightly welded. Pumice lapilli are two types (1) pale red 5R 6/2 with Fe oxidation and (2) white and rare, each 0.3-1.0 cm. Local 0.1 cm brown oxidized freckles. Matrix phenocrysts are quartz and sanidine. 10-15% total.				@ 86.0'-86.4', clay with FeOx smeared on core.
90			158.96						
	35/100%								
95	36/94%	95-0251	160.47	10/92.7'-101.5'					
100	37/68%								@ 98.0', clay content increasing to thick clay accumulation.
	38/100%		41.32		102.5'-120.0' TUFF, pink gray 5R 8/2, non-indurated, nonweided.				
105	39/0%			11/101.5'-111.0'	@ 106.0' TUFF, SAA, pale brown Fe oxide stain in tuff matrix is typical.				@ 105.5', clay is solid, moderate brown to gray brown (5 YR 4/4 to 5 YR 3/2).
	40/83%		0						
110	41/50%		0.37		@ 109.0' TUFF, SAA, with banded oxidized clay, 0.5 by 1.0 cm, moderate orange pink 5 YR 8/4 to light brown 5 YR 5/6, possibly after vapor-phase altered relict pumice lapilli.				
	42/57%	95-0261	0.2	12/111.0'-120.0'					
115	43/85%		0						
	44/25%								
120					TD = 120.0'				

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FIELD UNIT 5
BOREHOLE LOG

BOREHOLE ID: 50-9110 TA/OU: 50/1147 MDA: MDA C Page: 1 of: 2

Drilling Co.: Tonto Environmental Drilling Inc. Core Box #(s) 6 cuttings 7 core Start Date: 9/15/95 Time: 12:30 End Date: 9/18/95 Time: 15:00

Drilling Equip. /Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Rene Evans, Jon Marin EFM/ Golder Declination: 70.0° Bearing: S 67.0° E TD: 91.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
0	1/100%			0-9.0' surface cuttings in 5 boxes	0-1.0' SOIL, medium brown, organic, silt, clay, moist.		Unit 3, Tshirege Member, Bandelier Tuff	NA	Borehole 50-9110 is located approximately 25.0' within the northwestern corner of MDA C and angled beneath Pit 6. Surface casing set at 9.0'. @ 9.5'-11.5', oxidized waxy clay in fractures. @ 23.7'-24.3', weak oxidation in tuff matrix. @ 32.5'-34.0', weak oxidation stain in tuff matrix. Fracture @ 45 degrees to core axis with clay coating. Also, clay replacing coarsely devitrified pumice lapilli.
5			1.98		1.0'-9.5' FILL, reworked tuff, clay, silt, sand, tuff fragments, medium to light brown, moist.				
10	2/91%		4.01	1/6.9'-15.5'	9.5'-32.0' TUFF, weathered pinkish gray 10 R 6/2 moist rhyolite ash flow with waxy oxidized clay accumulations (5 YR 5/6) and roots in subvertical fractures greater than or equal to 1.0 cm thick. Pumice lapilli are devitrified, 2-10%, 0.1-2.0 cm, and partially replaced by clay alteration product. Matrix phenocrysts are quartz and sanidine 15-20%.				
			3.35						
15	3/90%								
	4/92%	95-0259	11.68						
20			72.27	2/15.7'-32.5'					
	5/46%								
25		96-0113	172.92						
	6/46%				@ 11.5' TUFF, same as above (SAA), nonindurated to slightly indurated, dry, pumice lapilli up to 20%.				
30	7/100%		1119.44						
35	8/100%		1153.45	3/32.5'-42.4'	32.0'-66.0' TUFF, pinkish gray 10 R 6/2 nonindurated to slightly indurated, slightly welded to moderately welded, rhyolite ash flow, dry. Pumice lapilli are white to reddish gray, 2-20%, 0.1-2.0 cm, moderately to coarsely devitrified, with sugary minute quartz crystals on relict tube structures. Phenocrysts are quartz, sanidine, and yellow oxidized ferrous mineral, 15-20%, total.				
		95-0264	1515.20						
40	9/92%								
45	10/100%		1882.10	4/42.5'-53.0'					
50	11/100%	96-0114	2258.64						
			1300.63						
55	12/80%			5/53.0'-65.8'					
	13/90%								
	14/75%				@ 45.0 TUFF, SAA, intermediate composition lava lithics.				
60	15/67%	95-0269	248.96		@ 51.5' TUFF, SAA, lithics 2%.				

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BOREHOLE LOG

BOREHOLE ID: 50-9110 TA/OU: 50/1147 MDA: MDA C Page: 2 of: 2

Drilling Co.: Tonto Environmental Drilling inc. Core Box #(s) 6 cuttings 7 core Start Date: 9/15/95 Time: 12:30 End Date: 9/18/95 Time: 15:00

Drilling Equip./Method: Ingersoll-Rand track mounted air core with total dust suppression Sampling Method: Continuous 5.0' core barrel

Driller: Larry Thoren Geologist: Rene Evans, Jon Marin ERM/Golder Declination: 70.0° Bearing: S 67.0° E TD: 91.0 ft

Depth (feet)	Core Run # Core Recovery %	Analytical Sample Number 0550-	MRAL Screening Tritium (pCi/g)	Core Box # From - To (feet)	Lithology	Graphic Log	Lithologic Unit	Monitor Well Construction	Notes
60	15/Cont.	95-0269 Cont.		5/53.0'-65.6' Cont.	32.0'-66.0' (continued)		Unit 3, Tshirege Member, Bandelier Tuff	NA	
	16/0%				@ 65.0'				
65	17/80%		20.64						
	18/50%		18.22		66.0'-91.0'				
70	19/50%								
	20/87%		6.89	6/65.6'-84.0'	@ 73.0'				
75	21/52%	95-0274	2.92		@ 75.0'				
80	22/6%		1.42						
85	23/47%		0.50	7/84.0'-91.0'					
	24/0%								
90	25/47%	95-0273	1.13		TD = 91.0'				
95									
100									
105									
110									
115									
120									

TUFF, SAA.
TUFF, SAA, black ferrous mineral in pumice lapilli, coarsely devitrified.
TUFF, pinkish gray 5 YR 8/1 nonindurated, nonwelded, rhyolite ash flow, dry. Pumice lapilli are devitrified, pale white to dark pink/reddish gray 5 R 8/2 to 5 R 6/2 3-5%, equant and typically up to 0.5 cm. Matrix phenocrysts are quartz, sanidine, and oxidized ferrous mineral, 0.1-1.0 mm, 15-25%, total.
TUFF, SAA, pink/gray pumice lapilli up to 5.0 cm.
TUFF, SAA, lithic of silicic/intermediate volcanic composition.

REFERENCE

Broxton, D. E., and S. L. Reneau, August 1995. "Stratigraphic Nomenclature of the Bandelier Tuff for the Environmental Restoration Project at Los Alamos National Laboratory," Los Alamos National Laboratory Report LA-13010-MS, Los Alamos, New Mexico. (Broxton and Reneau 1995, 49726)

Appendix D

Statistical Analysis of Chemical Analytical Data from Material Disposal Area C

APPENDIX D STATISTICAL ANALYSIS OF CHEMICAL ANALYTICAL DATA FROM MATERIAL DISPOSAL AREA C

D-1.0 INTRODUCTION

This appendix presents detailed statistical evaluations that support Sections B-3 and B-4 by providing summary statistics, exploratory data analysis, and background comparisons. The statistical methods are described in Section D-2. The plots and evaluation results are presented in Section D-3. Separate subsections in D-3 present different environmental media, including surface soil and fill (D-3.1), subsurface tuff (D-3.2), and pore gas (D-3.3). Soil, fill, and tuff samples were analyzed for constituents including inorganic chemicals (metals and cyanide), radionuclides, and organic chemicals (volatile organic compounds [VOCs], semivolatile organic compounds [SVOCs], polychlorinated biphenyls [PCBs], and pesticides).

D-2.0 OVERVIEW OF STATISTICAL METHODS

A variety of statistical methods may be applied to each of the data sets. The method used depends on how appropriate it is for the available data.

D-2.1 Exploratory Data Analysis

Graphical analyses include bubble plots, box plots, and borehole profile plots. These analyses provide a visual representation of the data and determine the presence of outliers or other anomalous data that might affect statistical results and interpretations. The plots allow a visual comparison among concentration distributions. The differences of interest may include an overall shift in concentration (shift of central location) or, when the centers are nearly equal, a difference between the upper tails of the two distributions (elevated concentrations in a small fraction of one distribution). The plots may be used in conjunction with the statistical tests (distributional comparisons) described below. Unless otherwise noted, the nondetects are included in the plots at their reported detection limit (DL) or estimated quantitation limit (EQL).

Bubble plots. Bubble plots provide a spatial representation of the surface soil and fill data at MDA C. The circles, or bubbles, are different sizes based on concentrations, and these bubbles are plotted on a map of the site. The size of the bubble is directly proportional to the relative concentrations in the data set; in other words, relatively smaller concentrations are assigned smaller bubbles and the relatively larger concentrations are represented by larger bubbles. The legend of each figure gives the interpretation of the bubble size. Unless otherwise specified, the legend provides the minimum, median, and maximum for all of the data (both detected and nondetected concentrations). If the background value (BV) is between the minimum and maximum concentrations of the site data, the BV and a bubble proportional to the background value are also presented in the legend. For every location where a sample concentration for an inorganic chemical or radionuclide was reported, a bubble is plotted that is proportional to that concentration. For organic chemicals, only the detected concentrations are shown in the figure. The bubble plots are useful for identifying patterns of increased surface concentrations for a particular analyte across the site. The pit boundaries have been revised based on review of as-built drawings, geophysical surveys, and other sources of information. Therefore, the pit boundaries on the bubble plot figures may not be exactly the same as other figures in this document. However, the pit boundaries are similar enough to allow for general conclusions.

Box plots. A box plot consists of a box, a line across the box, whiskers (lines extended beyond the box and terminated with a short perpendicular line), and points outside the whiskers. The box area of the plot

is the region between the 25th percentile and the 75th percentile of the data, the interquartile range or middle half of the data. The horizontal line within the box represents the median (50th percentile) of the data. The whiskers give an interval of 1.5 times the interquartile range, outside of which data may be evaluated for their potential as outliers. Often, the concentrations are plotted as points overlaying the box plot. When a data set contains both detected concentrations and nondetected results reported as DLs, the detected concentrations are plotted as x's, and the nondetected results are plotted as o's.

Borehole Profile Plots. Borehole profile plots depict the concentration results by depth in boreholes. They are used to evaluate evidence of release from the disposal structure associated with a given borehole and to determine if the extent of any contamination has been bounded (decreasing trend). The filled shapes (i.e., circles) represent detects and the open shapes represent nondetects. A dotted line in the figure represents the BV. The solid lines on the right side of the plot labeled with shafts or pit numbers indicate which samples were collected beneath a shaft or a pit. These solid lines represent the approximate location of the pit or shaft above each borehole. Because pit boundaries were revised according to as-built drawings, geophysical surveys, and other sources of information, these representations are as accurate as possible.

D-2.2 Distributional Comparisons

Comparisons between data sets that might represent different concentration distributions, such as site-specific data and Los Alamos National Laboratory (LANL or the Laboratory) background data, are performed using a variety of statistical methods. For background comparisons, the first step is to compare the site data with a BV. A BV may be an estimated value for the background data set (upper tolerance limit [95, 95] or the 95% upper confidence bound on the 95th quartile), a detection limit, a fallout value, a minimum detectable activity (MDA), or it may be calculated based on secular equilibrium or a total analysis. The term "background value" will be used in the text to represent any of these values. The upper tolerance limit (UTL) comparisons are followed, when appropriate, by statistical tests that evaluate potential differences between the distributions. These tests are used for testing hypotheses about data from two potentially different distributions, for example, a test of the hypothesis that site concentrations are elevated above background levels. Nonparametric tests that are most commonly performed include the two-sample Wilcoxon Rank Sum test (Wilcoxon test), the Gehan test (modification of the Wilcoxon test), and the quantile test (Gehan 1965, 55611; Gilbert and Simpson 1990, 55612). The Gehan test is best suited for assessing complete shifts in distributions. This test accounts for nondetects at multiple DLs in a statistically robust manner. If nondetects are absent in the data, the Gehan test is equivalent to the Wilcoxon test. The quantile test is better suited for assessing shifts of a subset of the data[1]. Between the two tests (Gehan and quantile), most differences between distributions can be identified.

Occasionally, if the differences between two distributions appear to occur far into the tails, the slippage test might be performed to evaluate the potential for some of the site data to be greater than the maximum BV if, in fact, the site data and background data came from the same distribution. If the data reasonably satisfy normality assumptions, as demonstrated with the exploratory data analysis[2], and there are relatively few nondetects, then a parametric t-test can be used to compare two distributions. Observed significance levels (p-values) are obtained from the Gehan, quantile, slippage, and/or t-tests. If

[1] The quantile test is performed at a specified quantile level, usually 80%. This threshold is established to determine if the relative proportion of the two populations being tested is different in the top 20% of the data than it is in the remainder of the data. If this difference is recognized, then there is reason to believe that the distributions are partially shifted because of different tail effects. However, this shift implies that the test cannot be performed if more than 80% (or the threshold percentage) of the combined data are nondetects.

[2] Formal tests for normality might also be performed, such as the Kolmogorov-Smirnov test (Gilbert 1987, 56179).

a p-value is much less than a specified probability, that is, 0.05 (a nominal significance level), then there is some reason to suspect that differences exist between the distributions. If the p-value is much greater than 0.05, no difference is indicated. If the p-value is close to 0.05, then the need for further evaluation is indicated. In particular, when many tests are performed on the same set of data, there is an increased possibility of observing a p-value of less than 0.05 by random chance alone. Adjustments to the nominal significance level can be considered using methods described in Box et al. (1978, 56653, pp. 203–207) and Keppel (1982, 56652, pp. 145–165).

The standard set of tests is run whenever the detection rate for both material disposal area (MDA) C and Laboratory background is greater than 50%; if there are fewer than 50% in either set, then the Gehan test is not applicable.

D-3.0 STATISTICAL RESULTS

MDA C Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) data include surface soil or fill samples from 190 locations, subsurface tuff samples from 11 borehole locations, surface-flux samples from 101 locations, and pore-gas samples from 2 boreholes. The locations of the disposal shafts and the sampling locations are shown in Figures B-3, B-4, and B-5.

D-3.1 Surface Soil and Fill Sample Results

Surface soil and fill samples at MDA C were collected from a 60- by 60-ft grid laid out across and beyond MDA C. A total of 203 soil samples were collected from the 0–6 in. interval at nodes of the 60- by 60-ft grid. As shown on Figure B-3, sampling density was highest in the northeast corner of MDA C. Samples were screened for gross alpha, beta, and gamma radiation; tritium; and soil moisture. The samples were analyzed as follows: 81 samples were analyzed for radionuclides (gamma-emitting radionuclides by gamma spectroscopy, tritium, uranium isotopes, plutonium isotopes, strontium-90, and americium-241); 68 samples were analyzed for SVOCs and inorganic chemicals; 193 samples were analyzed for pesticides/PCBs (59 samples were analyzed at a fixed laboratory and 134 samples were analyzed only in a mobile laboratory); and 9 samples were analyzed for VOCs.

D-3.1.1 Inorganic Chemicals

The surface soil and fill samples were analyzed for a limited list of target analyte list (TAL) metals. Although samples were identified as either soil or fill, they are grouped together for purposes of comparing the site data to BVs. Inorganic chemical concentrations were compared with Laboratory-wide BVs for all-soil horizon (ALLH) (LANL 1998, 59730). The frequency of detects greater than the BV of the inorganic chemicals in surface soil and fill is summarized in Table B-9.

Because these samples were analyzed only for a limited list of inorganic chemicals, the distribution of concentrations of the MDA C data (and DLs for nondetects) and the distribution of concentrations from the ALLH background data set for all analytes are presented in Figure D-1.

The figure shows that the distributions of concentrations for most inorganic chemicals are no larger than the distribution of background concentrations. For most analytes, there are no results above the Laboratory-wide soil BVs, and the distributions appear to be shifted lower than the Laboratory background distribution. The only exception, lead, is discussed below. Table D-1 shows the results of the statistical tests for all analytes.

The Gehan and quantile tests show a significant difference for mercury; however, the size of the sample set was much smaller for mercury. In addition, the results for all of the site data for mercury were nondetects with a detection limit of 0.1 mg/kg, which is equal to the maximum of the mercury background data set of 0.1 mg/kg. Silver was reported with two detected values (the maximum was 6 mg/kg), but no data set is available for any further background tests. The distribution of lead concentrations in surface soil and fill at MDA C is elevated compared to the distribution of lead in the background data. This finding is further supported by the results of the Gehan and quantile tests where the p-values are less than 0.05 in both cases, indicating that a difference in the distributions exists. Figure D-2 shows the distribution of lead in the surface soil.

The highest concentrations of lead on the surface are in the surface soil along the southwest side of MDA C. The maximum concentration was detected in a sample that is not near any pits or shafts. In addition, the maximum concentration of lead is 30 mg/kg, which is only slightly elevated relative to a BV of 22.3 mg/kg. The box plot of the surface soil and fill data for lead compared to the background data for lead shows that the two distributions are almost identical. The higher concentrations in the soil samples along the southwest margin of MDA-C may reflect lead contamination associated with disposal activities that was covered when fill was applied in the 1984 interim action.

D-3.1.2 Radionuclides

The surface soil and fill samples were analyzed for radionuclides. Although samples were identified as either soil or fill, they are grouped together for purposes of comparing the site data to BVs. The term “background values” will be used in the text to refer to any background values, whether or not they are for fallout radionuclides. The detected radioactivity concentrations were compared with Laboratory background values (LANL 1998, 59730). Fallout radionuclides include americium-241, cesium-137, plutonium-238, plutonium-239, strontium-90, and tritium. Tritium data from surface soil and fill samples are not presented in this appendix since they are not used to support the evaluation of nature and extent of contamination. The frequency of detects greater than BV of the radionuclides in surface soil and fill is summarized in Table B-11.

Americium-241, plutonium-238, plutonium-239, thorium-232, and uranium-238 were detected above the all soil horizon BV in at least one sample. The BVs for thorium-232 and uranium-238 are surrogates from sediment data. The concentrations of these radionuclides in the Laboratory’s background canyon sediment data set were measured using different analytical methods than the site soil samples at MDA C. Mesa-top soil and canyon sediment also may have different concentrations of these radionuclides resulting from differences in the parent material from which the soils and sediments are formed. Therefore, further statistical tests were not performed for thorium-232 and uranium-238. Background data sets were available for americium-241, plutonium-238, and plutonium-239 to perform further statistical tests. The results of the statistical tests are presented in Table D-2.

The distributions of americium-241, plutonium-238, and plutonium-239 are shown in Figures D-3 to D-5. The highest concentrations of americium-241, plutonium-238, and plutonium-239 are in the northeast corner of MDA C and along the eastern edge of MDA C. These are areas where the least amount, if any, fill material was applied and where run off into Ten Site Canyon occurs.

D-3.1.3 Organic Chemicals

The surface soil and fill samples were analyzed for pesticides, PCBs, and SVOCs. Nine samples were also analyzed for VOCs. Five organic chemicals were detected in these samples. The frequency of detects of the organic chemicals in surface soil and fill are summarized in Table B-13. Acenaphthene and

pentachlorophenol were each detected in only one sample (fill and soil, respectively) on the south side of MDA C. Aroclor-1254, Aroclor-1260, and bis(2-ethylhexyl)phthalate were detected in fill samples.

As shown in Figure D-6, the highest detected concentration of Aroclor-1254 was 1 mg/kg on the northern boundary of Pit 2. The other two detected concentrations of 0.17 and 0.07 mg/kg were in the southeast corner of MDA C. By contrast, the four detected concentrations of Aroclor-1260 were all above Pit 6 in the northwest corner of MDA C. Figure D-7 shows the detected concentrations of Aroclor-1260 in the surface soil and fill samples. Bis(2-ethylhexyl)phthalate was detected twice in fill samples in the northwest portion of MDA C in the area of Pit 6 (see Figure D-8).

D-3.2 Subsurface Tuff

Two vertical boreholes and nine angled boreholes were drilled in the immediate vicinity of the inactive disposal shafts and seven pits (Figure B-5). From these boreholes, 82 core tuff samples were collected for fixed laboratory analyses, 79 from unit 3 Tshirege Member (Qbt 3), 2 from unit 2 Tshirege Member (Qbt 2) and 1 from the unit 1v Tshirege Member (Qbt 1v). The samples were analyzed for a full suite of TAL metals and cyanide, pesticides/PCBs, SVOCs, VOCs, americium-241, isotopic plutonium, isotopic thorium, isotopic uranium, strontium-90, tritium, and gamma-emitting radionuclides.

D-3.2.1 Inorganic Chemicals

Inorganic chemical results for samples collected from the Qbt 3 and Qbt 2 units were compared with the BVs for upper Qbt units (Qbt 2, Qbt 3, Qbt 4). Samples collected from the Qbt 1v unit were compared with Qbt 1v BVs (LANL 1998, 59730). The frequency of detects greater than BV of the inorganic chemicals in subsurface tuff is presented in Table B-15.

Statistical analysis (box plots and distribution shift tests) to determine whether a release may have occurred in tuff must be used in addition to other information because of the way these samples were collected and what they represent. Any individual tuff sample from beneath a pit or shaft field may potentially contain residual contamination related to localized infiltration of contaminants from the disposal unit. Therefore, while statistical analyses may be a useful part of data evaluation, it is also necessary to examine the data for evidence of one or more outliers in contaminant concentrations that may not be statistically significant but nevertheless could be indicative of a release.

All inorganic chemicals are presented in Figure D-9. These box plots show that the distribution of concentrations for most inorganic chemicals is similar to the distribution of background concentrations. The exceptions are antimony, lead, and selenium.

The sample data from all subsurface tuff samples collected in Qbt 3 and Qbt 2 were treated as a whole group, and statistical tests were run to identify whether or not any inorganic chemicals were elevated above background in the tuff. Table D-3 shows the results of the statistical tests for inorganic chemicals in Qbt 2 and Qbt 3.

As shown in the box plots, cyanide and mercury do not have a background data set for Qbt 2 and Qbt 3. Therefore, further statistical tests could not be performed for these two analytes. Cyanide and mercury data will be reviewed later in this section using other methods.

Four inorganic chemicals (antimony, selenium, silver, and thallium) were analyzed by two different analytical methods. The antimony background data was analyzed by inductively coupled plasma mass spectroscopy (ICPMS); however, the MDA C site data was analyzed by at least one other method inductively coupled plasma emission spectroscopy (ICPES). Many of the higher detection limits are the

elevated values. Selenium site and background data were analyzed by graphite furnace atomic absorption. A subset of the site data was analyzed by flame atomic absorption and ICPES. Silver site and background data were also analyzed by ICPES, but a subset of the site data was also analyzed by other methods. Thallium, which is supposed to be analyzed by ICPMS to be comparable to the background data, was analyzed by at least two additional methods. Antimony and selenium were significantly above the BV based on the box plots. These two analytes have elevated DLs that make reviewing the data in this manner inappropriate. The DL problems resulted from differences in the methods used to analyze the samples. Because of the differences in analytical methods, statistical tests were not run for these analytes. Silver and thallium samples were also run by more than one method. The maximum detect of thallium was above the BV but not above the maximum of the background data set, so the statistical test supports the conclusion that thallium is similar to background. Silver was not above the BV in any subsurface tuff sample.

Figures D-10 to D-17 show the borehole profile or pattern of analytical concentrations by depth (below ground surface [bgs]) within individual boreholes for inorganic chemicals detected above the BV at least twice. Detected concentrations (filled circles) and DLs for nondetects (open circles) identify patterns that might be associated with a release. The BV for each tuff unit is shown for comparison to the analytical concentrations. The related pits and shafts are also shown for each borehole to show when higher concentrations of an analyte were detected directly beneath a pit or shaft.

D-3.2.2 Radionuclides

Borehole samples were analyzed for americium-241, isotopic plutonium, isotopic thorium, isotopic uranium, strontium-90, tritium, and radionuclides by gamma spectroscopy. The Risk Reduction and Environmental Stewardship–Remediation Services (RRES-RS) did not evaluate all the radionuclides in the gamma spectroscopy suite. The full-suite analyte list, which is given in the RRES-RS analytical services statement of work (LANL 1995, 49738), includes the decay series of the naturally occurring radionuclides, uranium-235, uranium-238, and thorium-232, as well as fission and activation products and their progeny. Measurements of naturally occurring radionuclides known to be present in Laboratory soils provide an indication of the quality of the gamma spectroscopy analysis.

Actinium-228, barium-140, bismuth-212, neptunium-237, protactinium-231, protactinium-234, lead-210, lead-211, radium-223, radium-224, radium-226, and radon-219 are not reliably measured by gamma spectroscopy and are not evaluated. Of the radionuclides that are analyzed reliably by gamma spectroscopy, ten have half-lives of less than 365 days and are not considered further. Data for many of these short-lived radionuclides can be useful when evaluating parent radionuclide data because the relative activity of parent and daughter isotopes is a known quantity. These data are used by the analytical laboratory as well as by RRES-RS during baseline validation. The naturally occurring radionuclide potassium-40 is present in Laboratory soils at concentrations ranging between 25 pCi/g and 40 pCi/g and is always present in the gamma spectrum of Laboratory soil samples. The potassium-40 gamma emission peak provides a qualitative indicator of the accuracy of the gamma spectroscopy measurement. Potassium-40 is not considered to be a potential historical contaminant at MDA C and is not evaluated further.

The gamma spectroscopy radionuclides that are evaluated in this report are those considered to be potential historical contaminants at Laboratory sites. They include naturally occurring uranium-235 and seven fission and activation products (americium-241, cesium-134, cesium-137, cobalt-60, europium-152, ruthenium-106, and sodium-22). Uranium-235 is compared with Laboratory-wide BVs for the appropriate tuff group (LANL 1998, 59730), and the other radionuclides are evaluated on the basis of detection status. The frequency of detects of the radionuclides in subsurface tuff is summarized in Table B-17.

Americium-241, plutonium-238, plutonium-239, sodium-22, strontium-90, and tritium were all detected in the subsurface tuff in more than two samples. Uranium-235 was detected above the appropriate BV in more than two subsurface samples. Cesium-134, cesium-137, cobalt-60, europium-152, and uranium-238 were detected once or twice in the subsurface tuff samples.

Tritium was detected in every borehole and in almost every sample. Figure D-18 shows the borehole profile for tritium in all of the boreholes at MDA C.

Because of the variability involved with calculating uncertainties and MDAs on a sample-specific basis, the radionuclide data must be considered carefully. In particular, uncertainty in the detect status of americium-241 in some samples may affect interpretation of the extent of americium-241 in tuff. Data were qualified as nondetects according to one of three reason codes. The result was considered to be a nondetect if the result was less than 3 multiplied by the uncertainty, if the result was less than the MDA, or if the blank showed evidence of contamination. In the case of americium-241 results being reported at concentrations less than the MDA, focused validation revealed that the MDA reported electronically in the database could not be verified by the hard-copy data package. This disparity raised the question of whether the result should be considered a detect because the result was greater than 3 multiplied by the uncertainty, but less than the MDA (where the MDA could not be verified). This uncertainty affected three results in borehole 50-09101. Because americium-241 may be present in these samples, the americum-241 profile plots in Figure D-19 reflect these three results as detects.

Plutonium-238 was detected in one borehole, and plutonium-239 was detected in two boreholes. Americium-241 was detected in both boreholes where plutonium-239 was detected although not at the same depths. Figure D-20 shows the borehole profiles for plutonium-239 data.

The only detects of uranium-235 above the BV were from the samples submitted for analysis in 1996. These samples were analyzed by ICPMS instead of alpha spectroscopy. ICPMS usually results in higher concentrations, so these concentrations probably do not indicate a release of uranium but rather a difference in analytical methods. Figure D-21 illustrates that all samples analyzed by ICPMS in 1996 not only have the higher results but also were from the same analytical laboratory.

D-3.2.3 Organic Chemicals

Tuff samples were analyzed for PCBs, pesticides, SVOCs, and VOCs. Only six organic chemicals were detected in one or more of the 54 core samples. Of these six organic chemicals, methylene chloride, 2-methylphenol, and toluene were detected only once at concentrations below the EQL. Acetone, bis(2-ethylhexyl)phthalate, and 1,1-dichloroethene were each detected in a maximum of eight samples. Only acetone was detected above the EQL. The frequency of detects of the organic chemicals in subsurface tuff is summarized in Table B-19.

Figure D-22 illustrates where the detected concentrations of acetone where located at MDA C.

Bis(2-ethylhexyl)phthalate was detected once in boreholes 50-09103, 50-09105, 50-09108, and 50-09110 (see Figure D-23). Figure D-24 shows that 1,1-dichloroethene was detected only in borehole 50-09103 at four different depths below Pits 3 and 2.

D-3.3 VOCs in Pore-Gas Samples

Pore-gas data are available for borehole 50-09100 for five quarters between August 2000 and November 2001 and one additional quarter in January 2003. Pore-gas data are available from borehole 50-10131

from November 2001 and January 2003. Twenty-four VOCs were detected in these samples. A summary of the detected VOCs from all sampling in both boreholes is presented in Table D-4.

The sampling events that occurred between August 2000 and November 2001 resulted in two SUMMA canister samples collected at each sampling event with one exception. The sampling that took place for borehole 50-09100 on August 8, 2001, resulted in four SUMMA samples being sent to the analytical laboratory. So, in some cases, multiple results exist for the same depth although the samples were collected at different times and by different people. For some depths, no samples were collected. This sample collection pattern makes it difficult to look for trends.

Tetrachloroethene (PCE) and trichloroethylene (TCE) were detected most frequently and at the highest concentrations in the pore gas. These two analytes were also detected in at least half of the soil-gas survey samples. Figures D-25 and D-26 show all of the reported concentrations for PCE and TCE in borehole 50-10131. Figure D-27 shows the concentrations of PCE from the surface-flux data at MDA C. PCE appears to be decreasing with depth in this borehole, and the overall maximum from all sampling events is near the top of the borehole. TCE results have generally been constant over all depths. The concentrations range between 1.1 and 2.3 ppmv in all samples.

Figures D-28 and D-29 show all of the reported concentrations for PCE and TCE in borehole 50-09100. Except for a few anomalous results in 2001, all the SUMMA analysis appears to show consistent concentrations of PCE in borehole 50-09100. TCE shows a pattern of increasing concentrations with increasing depth in this borehole. Although there is some variability between the results, the maximum concentrations are below 200 ft in this borehole.

Samples were collected at both boreholes in January 2003. To discern any patterns, SUMMA samples were collected, screened, and analyzed at every port in both boreholes. Figures D-30 and D-31 show plots with the Brüel and Krajer (B&K) versus the SUMMA data from borehole 50-09100 for both TCE and PCEe. As the plots show, the correlation between the B&K and SUMMA data is not strong.

3.4 Tritium in Pore-Gas Samples

Fifteen samples were collected from tritium probes at MDA C. All fifteen tritium results were reported as detected values. The individual results are presented in Table D-5. Two of the tritium results were a factor of ten higher than the rest of the results. Figure D-32 shows a bubble plot of these tritium results. As the figure illustrates, the two highest results were found north of Pit 6 and south of Pit 6.

4.0 REFERENCES

Box, G. E. P., W. G. Hunter, and J. S. Hunter, 1978. *Statistics for Experimenters: An Introduction to Design, Data Analysis, and Model Building*, John Wiley and Sons, New York. (Box et al. 1978, 56653)

Gehan, E. A., “A Generalized Wilcoxian Test for Comparing Singly-Censored Samples,” *Biometrika*, Vol. 52, pp. 203–223. (Gehan 1965, 55611)

Gilbert, R. O., 1987. *Statistical Methods for Environmental Pollution Monitoring*, Van Nostrand Reinhold, New York, New York. (Gilbert 1987, 56179)

Gilbert, R., and J. Simpson, 1991,“Statistical Sampling and Analysis Issues and Needs for Testing Attainment of Background-Based Cleanup Standards at Superfund Sites,” in *Proceedings of the Workshop on Superfund Hazardous Waste: Statistical Issues in Characterizing a Site: Protocols, Tools,*

and Research Needs, published by Pennsylvania State University, University Park, Pennsylvania. (Gilbert and Simpson 1990, 55612)

Keppel, G., 1982. *Design and Analysis: A Researcher's Handbook*, 2nd ed., Prentice-Hall Inc., Englewood Cliffs, New Jersey. (Keppel 1982, 56652)

LANL (Los Alamos National Laboratory), July 1995. "Statement of Work–Analytical Support," Revision 2, RFP No. 9-XS1-Q4257, Los Alamos, New Mexico. (LANL 1995, 49738)

LANL (Los Alamos National Laboratory), September 1998. "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory," Los Alamos National Laboratory document LA-UR-98-484, Los Alamos, New Mexico. (LANL 1998, 59730)

Environmental Restoration Project, September 1998. "Inorganic and Radionuclide Background Data for Soils, Canyon Sediments, and Bandelier Tuff at Los Alamos National Laboratory," Draft, Los Alamos National Laboratory report LA-UR-98-4847, Los Alamos, New Mexico. (Environmental Restoration Project 1998, 59730)

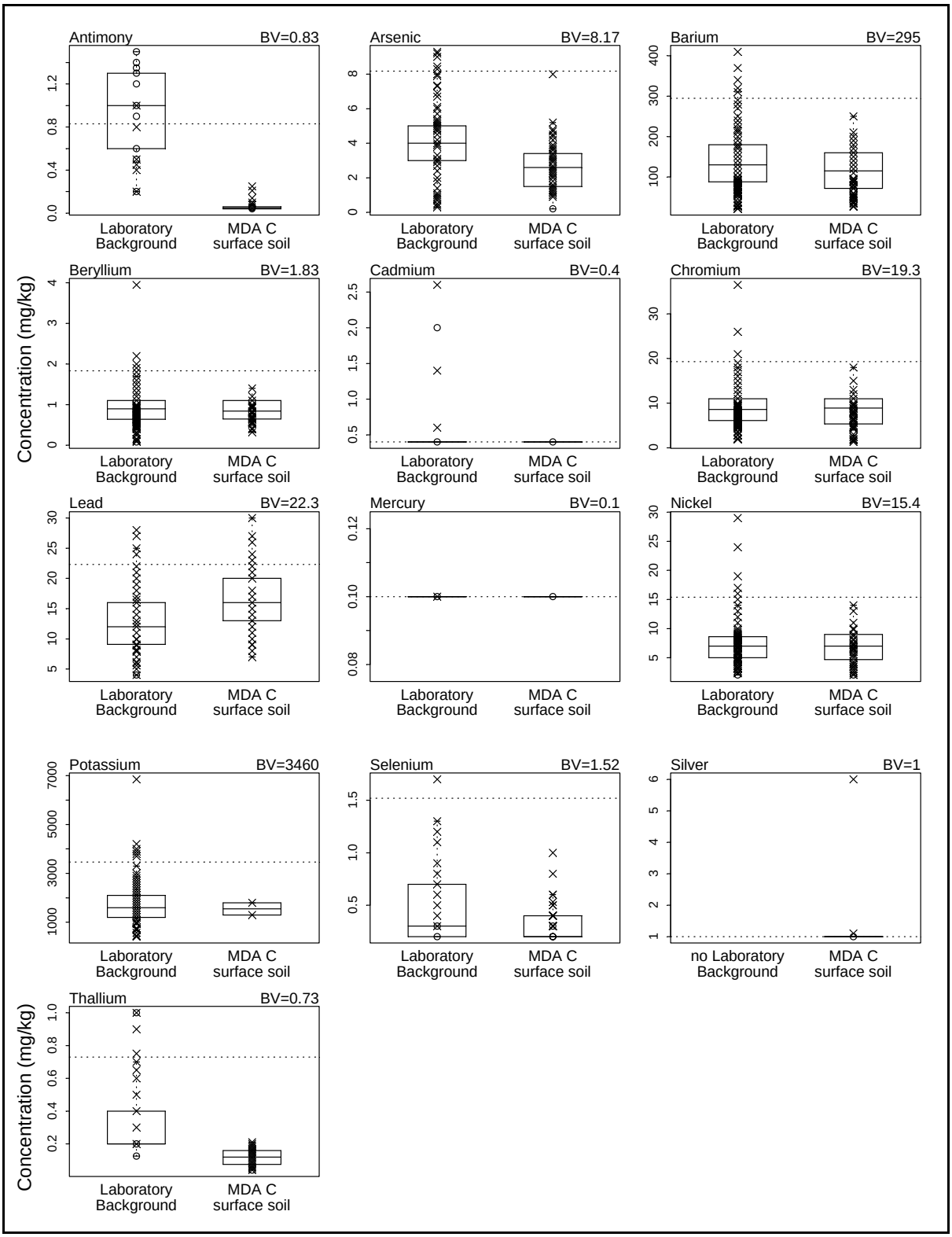


Figure D-1. Box plots of inorganic chemical concentrations from LANL all horizon background data and surface soil and fill material at MDA C

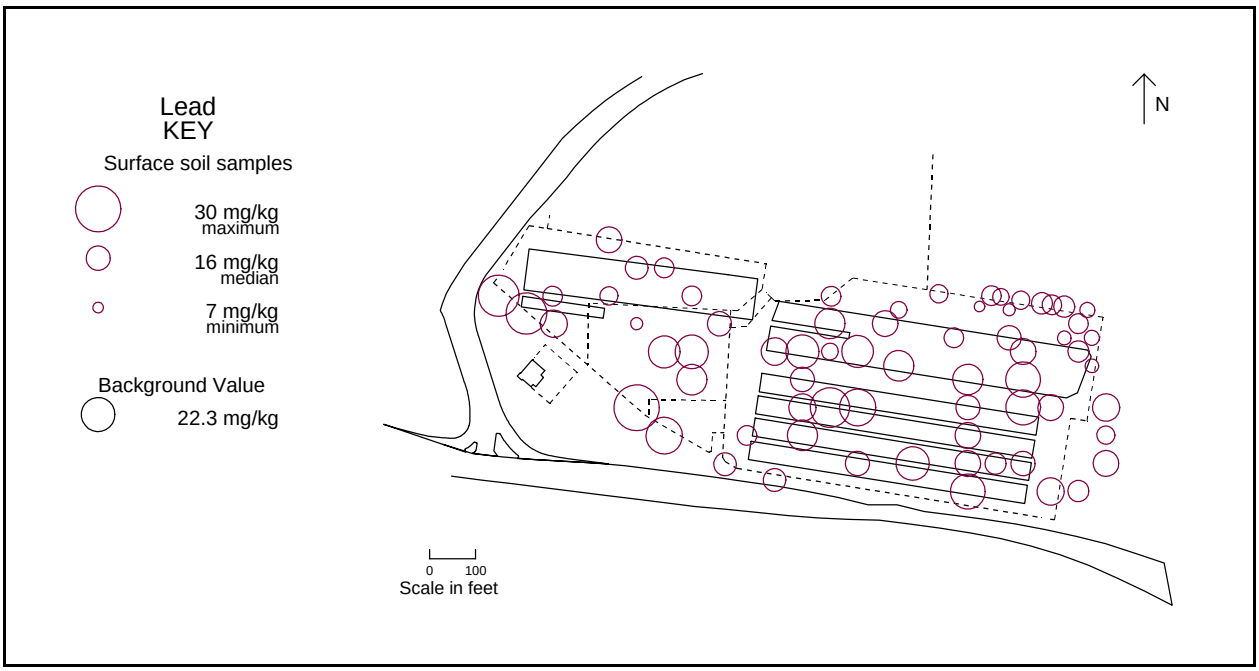


Figure D-2. Bubble plot of lead concentrations from surface soil and fill material at MDA C

Figure D-3. Bubble plot of americium-241 concentrations from surface soil and fill material at MDA C

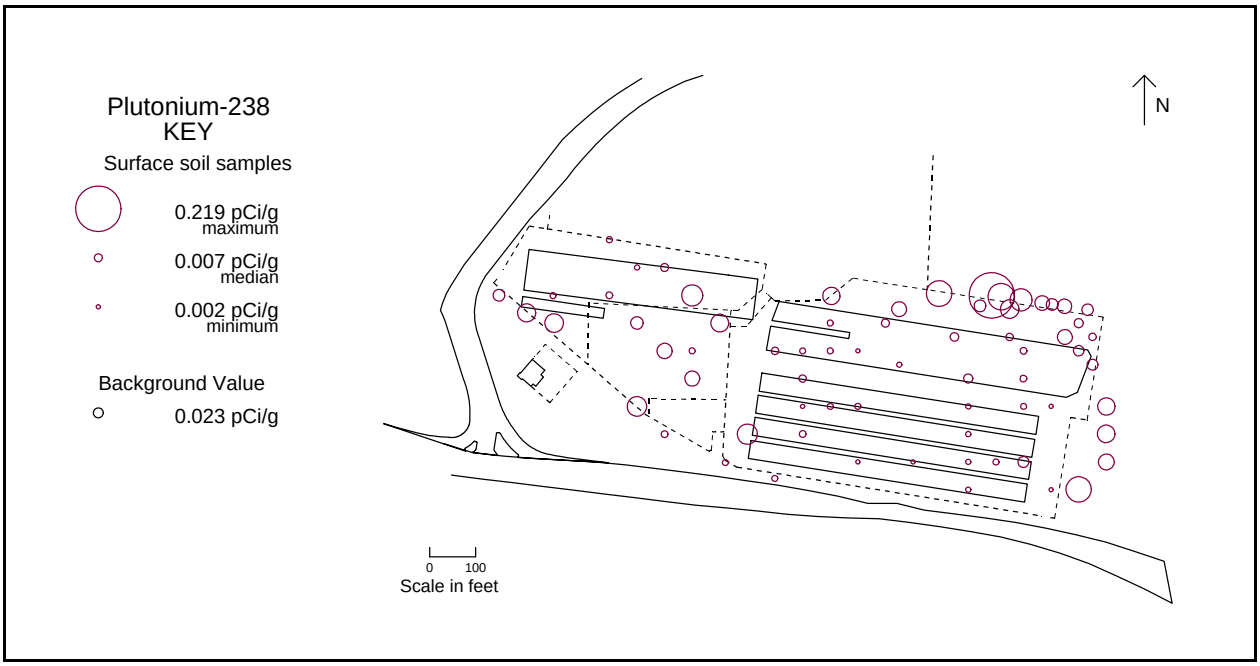


Figure D-4. Bubble plot of plutonium-238 concentrations from surface soil and fill material at MDA C

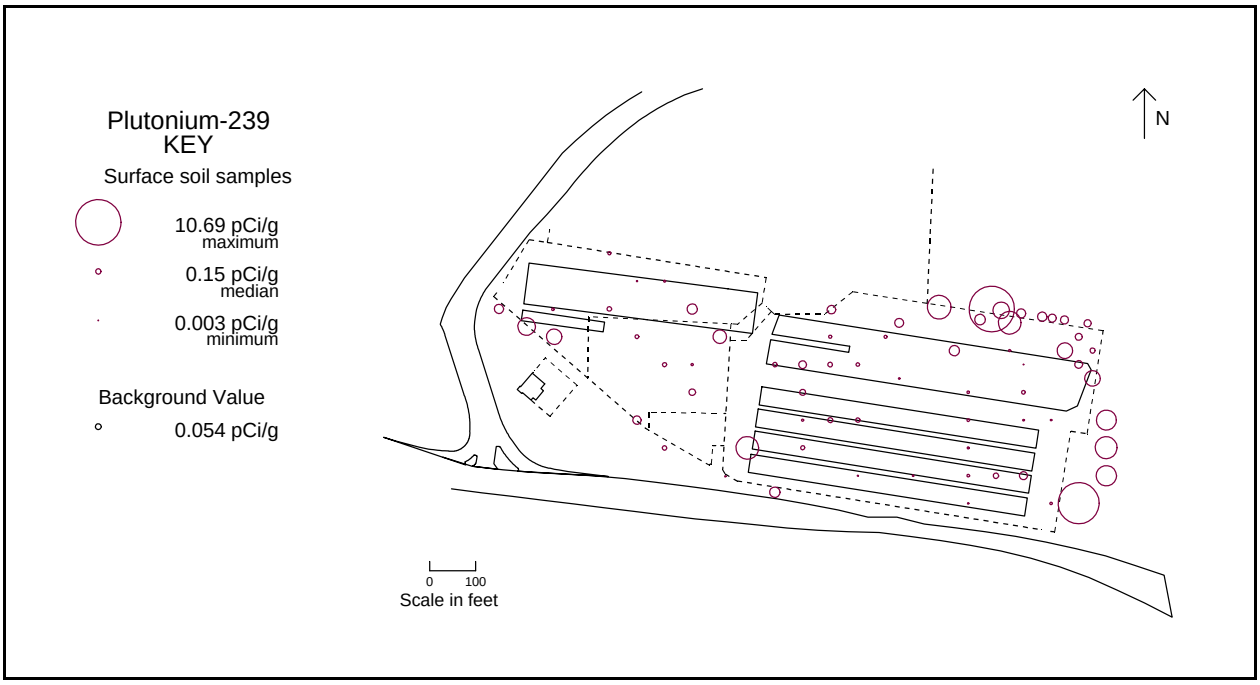


Figure D-5. Bubble plot of plutonium-239 concentrations from surface soil and fill material at MDA C

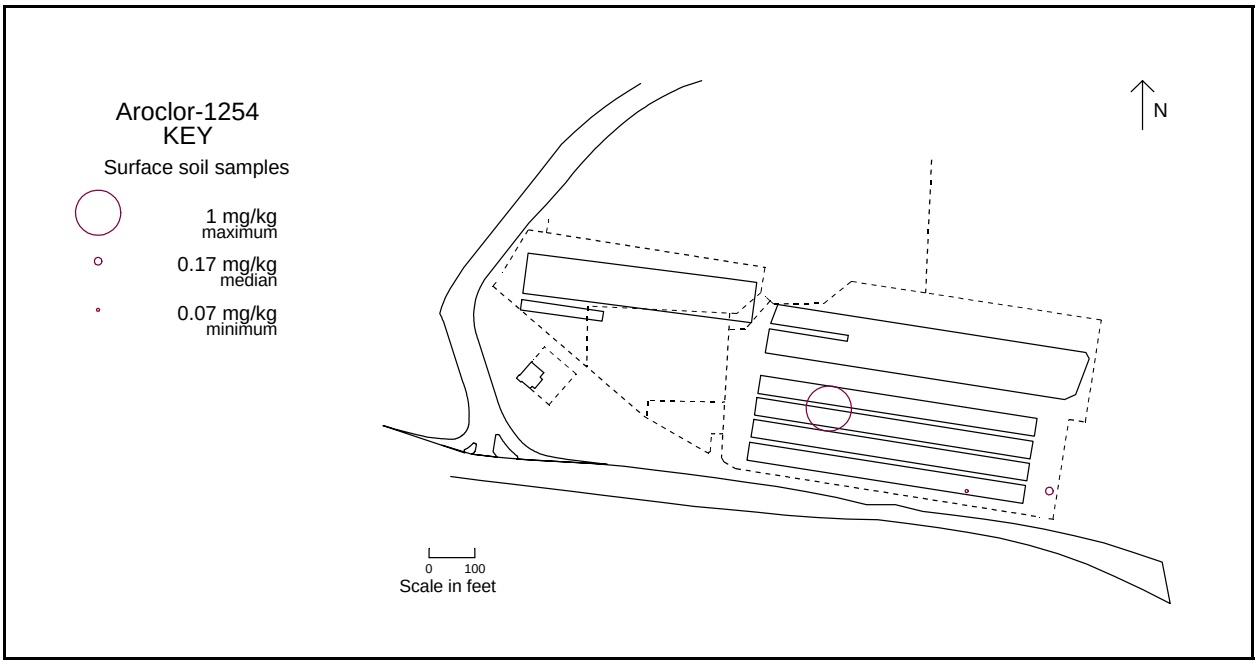


Figure D-6. Bubble plot of Aroclor-1254 detected concentrations from surface soil and fill material at MDA C

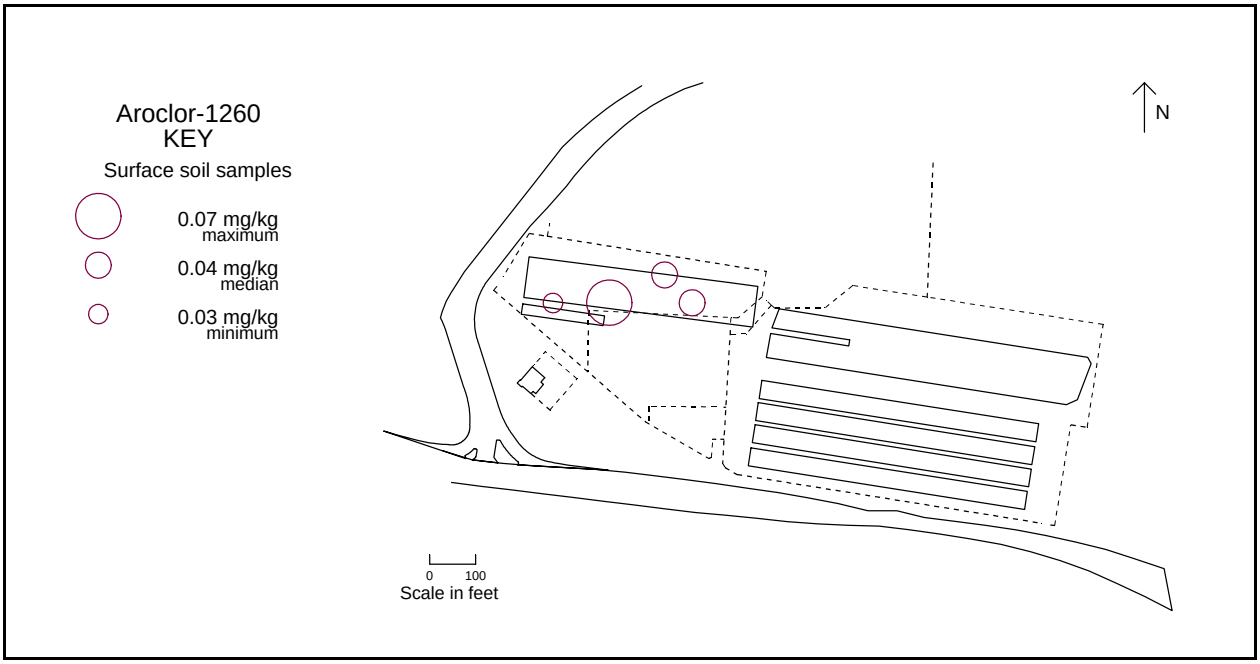


Figure D-7. Bubble plot of Aroclor-1260 detected concentrations from surface soil and fill material at MDA C

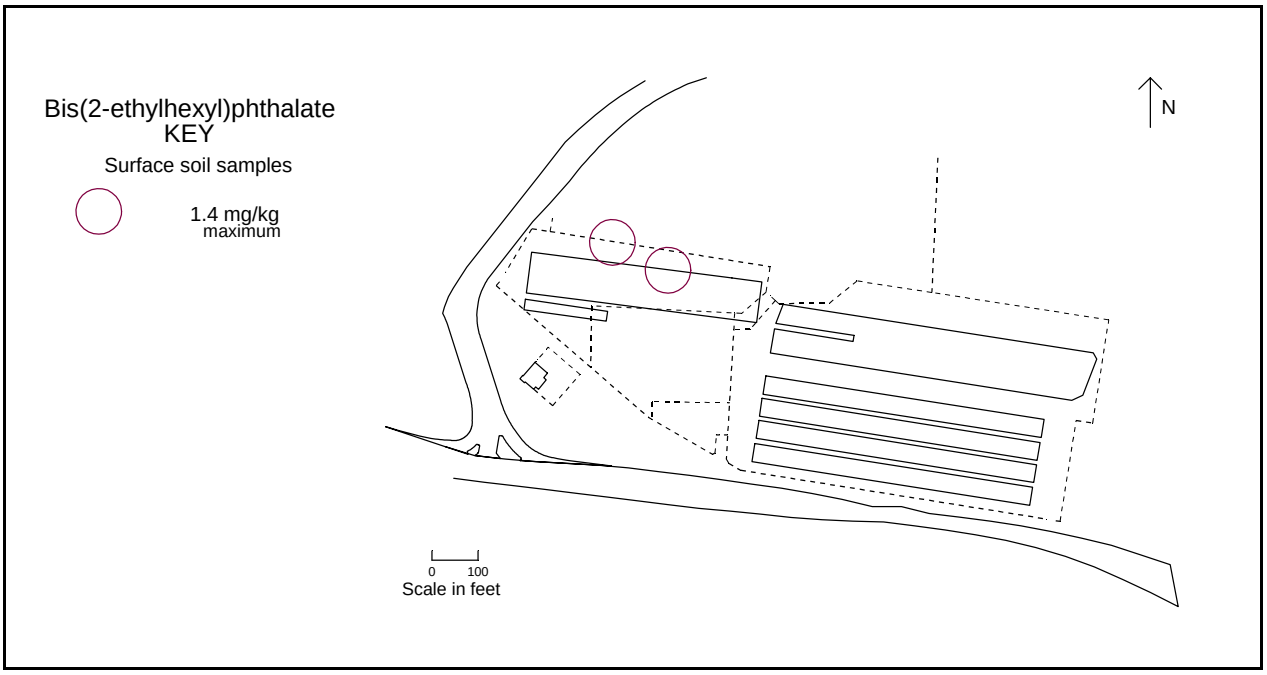


Figure D-8. Bubble plot of bis(2-ethylhexyl)phthalate detected concentrations from surface soil and fill material at MDA C

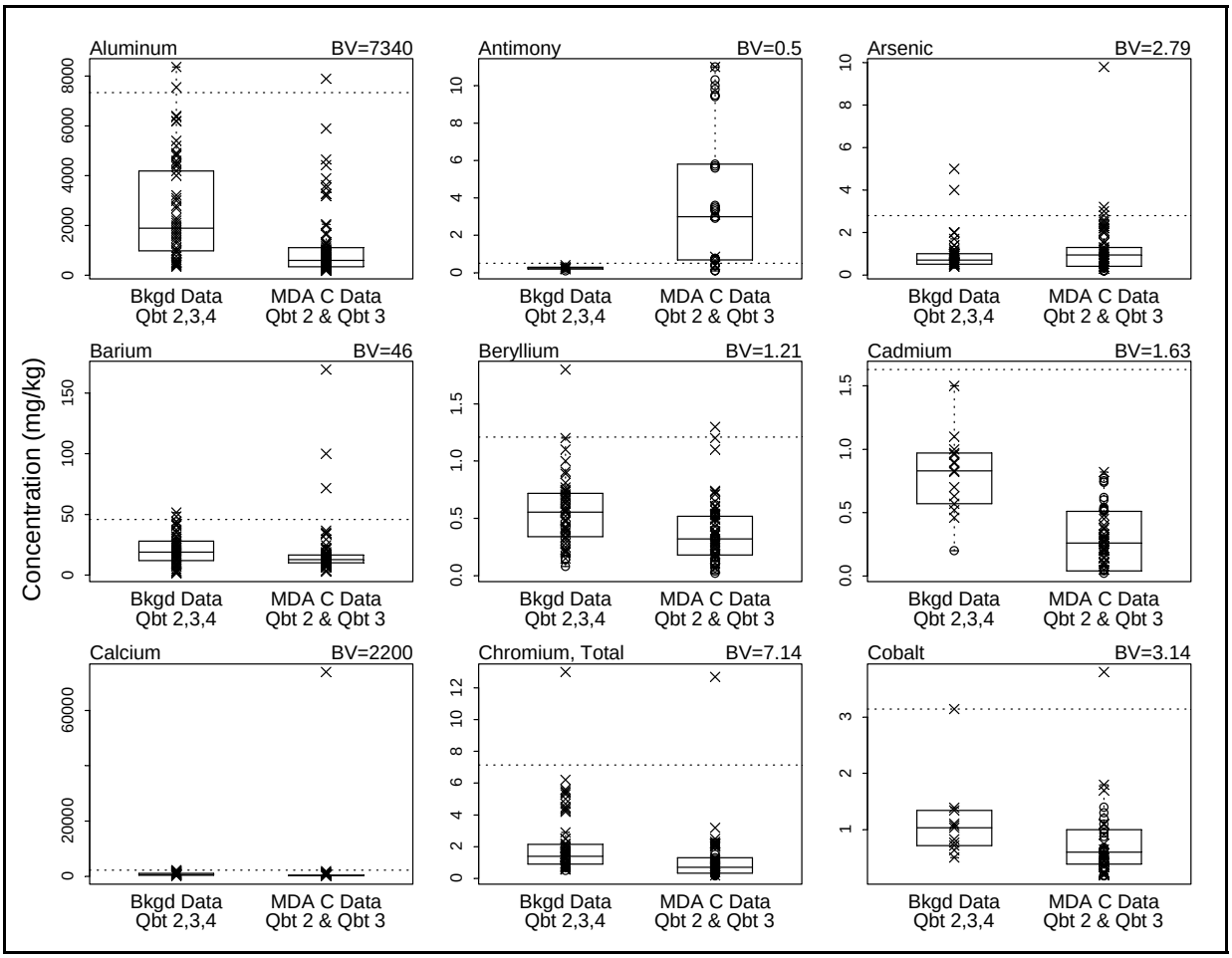


Figure D-9. Box plots of inorganic chemical concentrations from MDA C Qbt 2 and Qbt 3

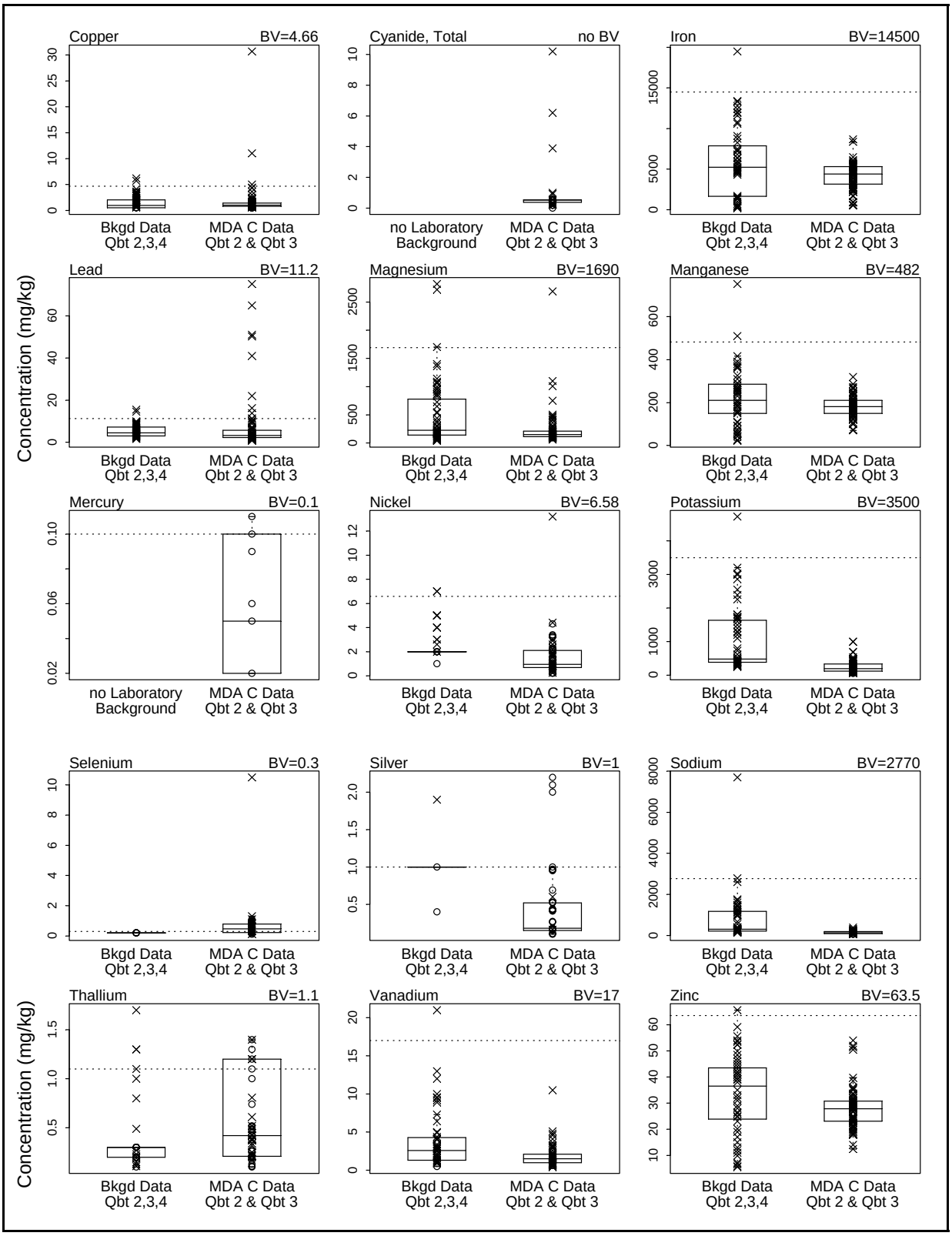


Figure D-9 (continued). Box plots of inorganic chemical concentrations from MDA C Qbt 2 and Qbt 3

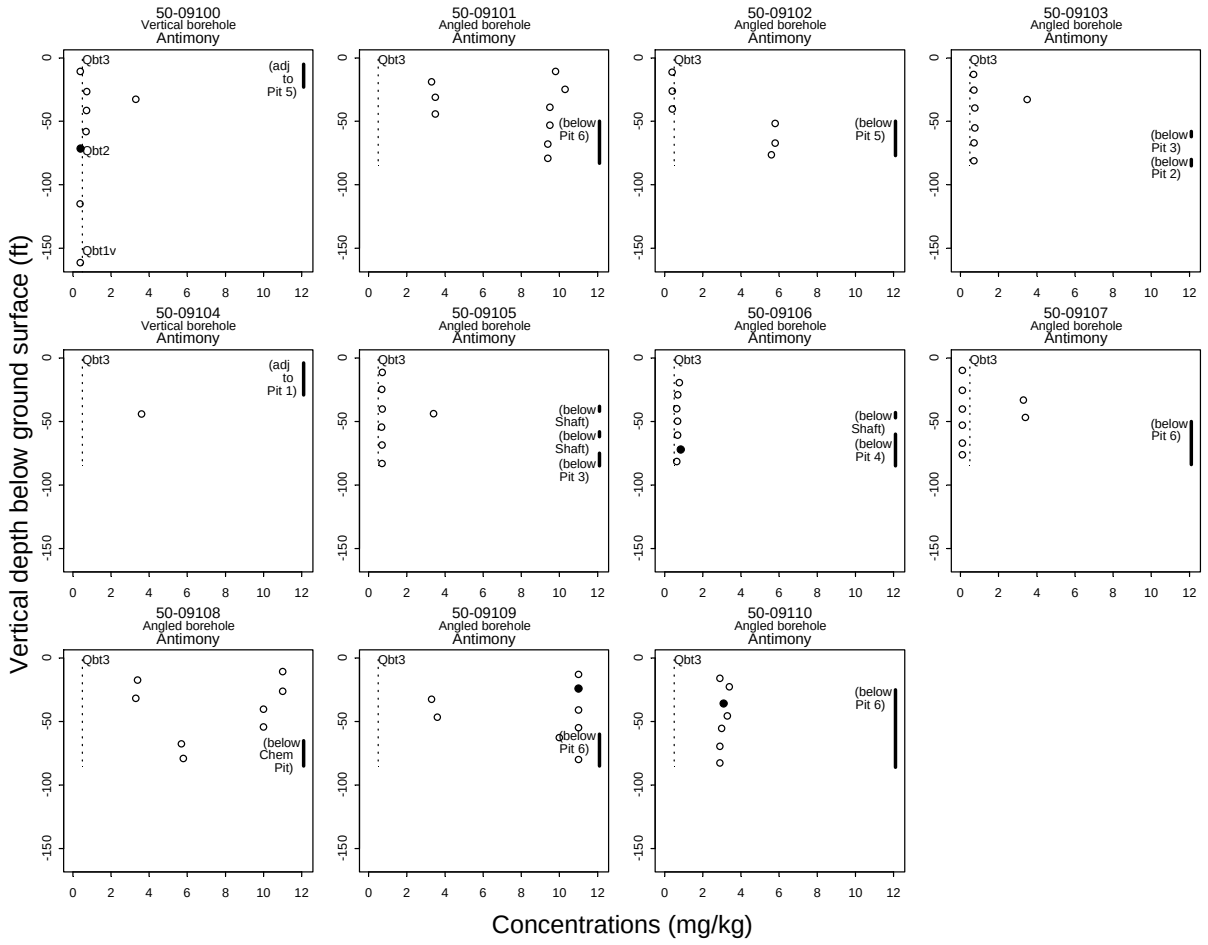


Figure D-10. Borehole profile plot for antimony at MDA C

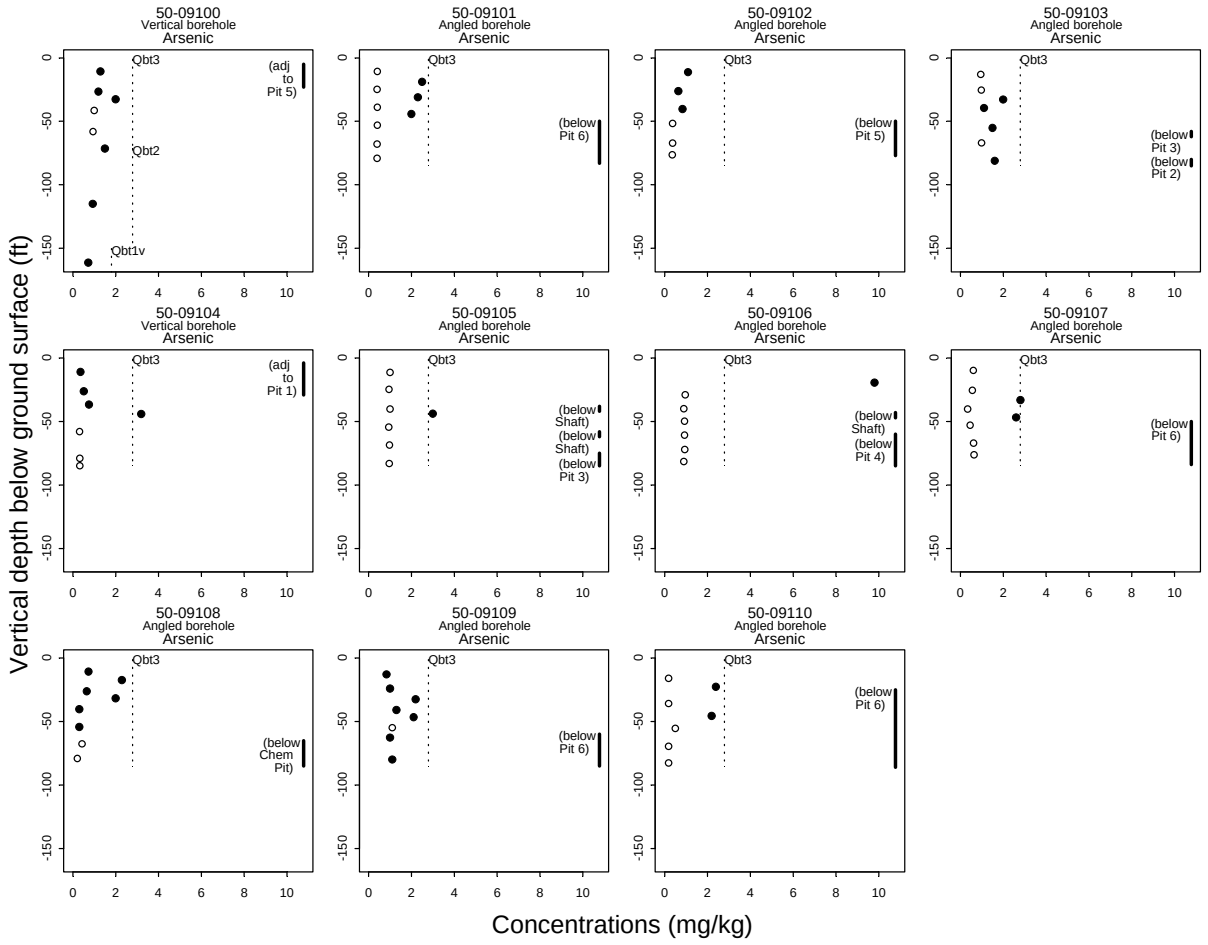


Figure D-11. Borehole profile plot for arsenic at MDA C

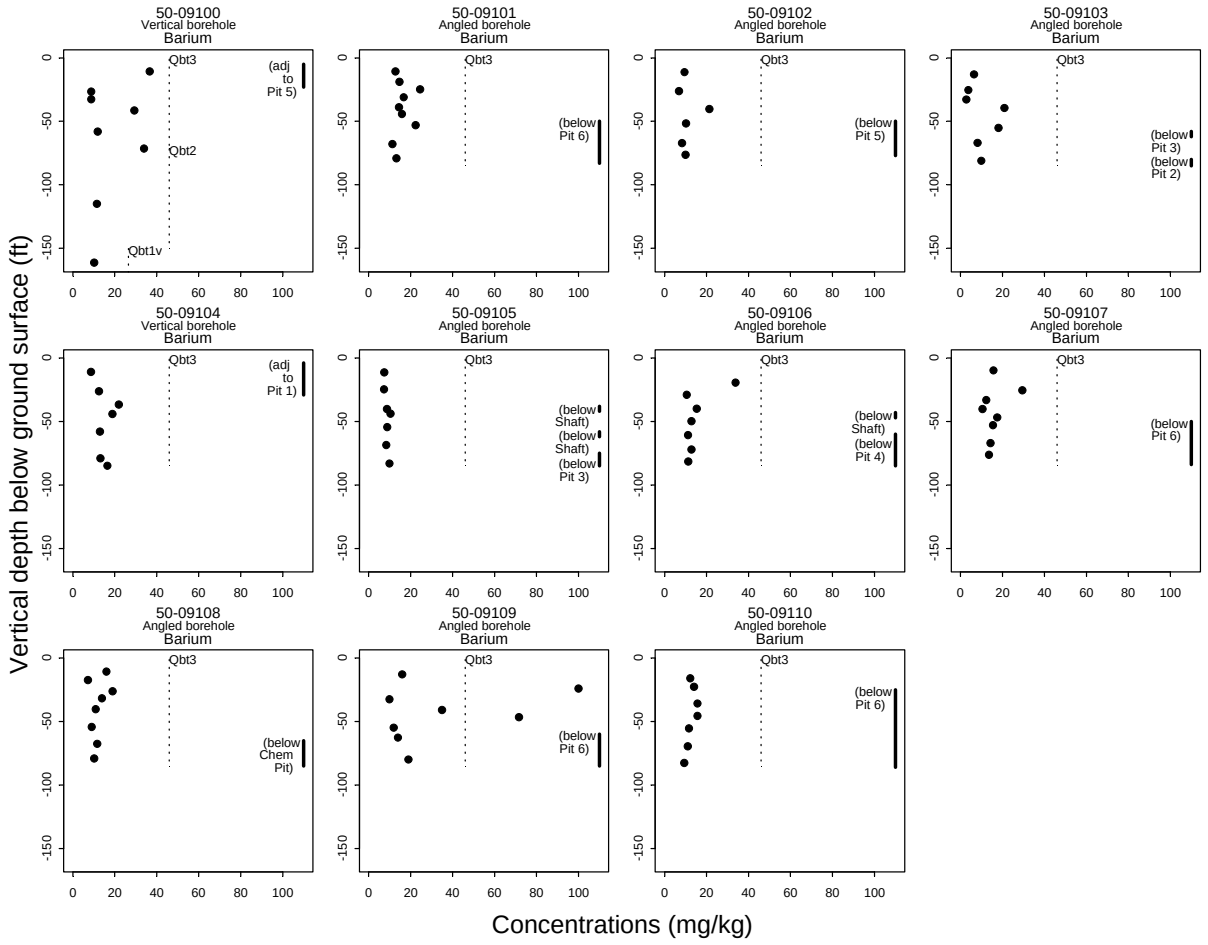


Figure D-12. Borehole profile plot for barium at MDA C

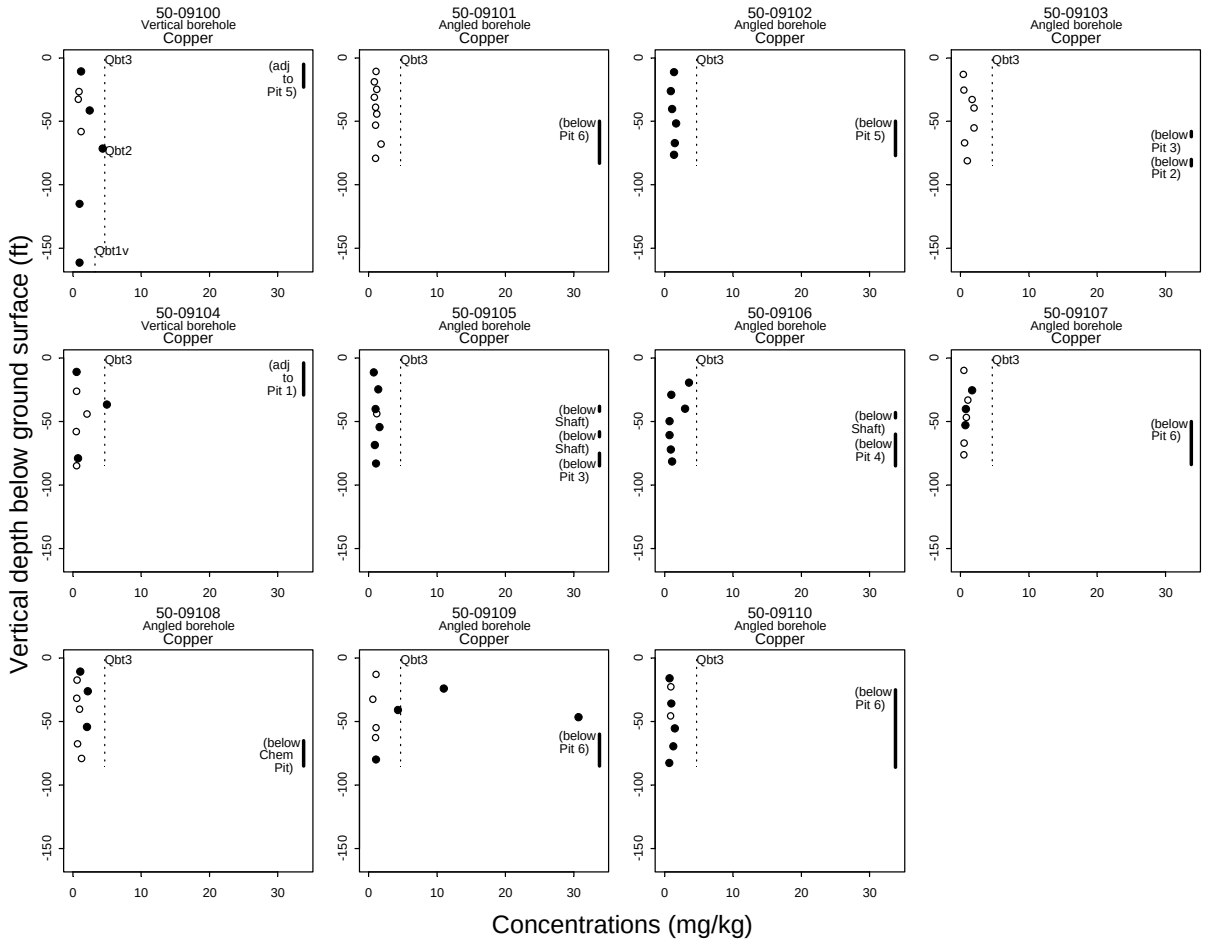


Figure D-13. Borehole profile plot for copper at MDA C

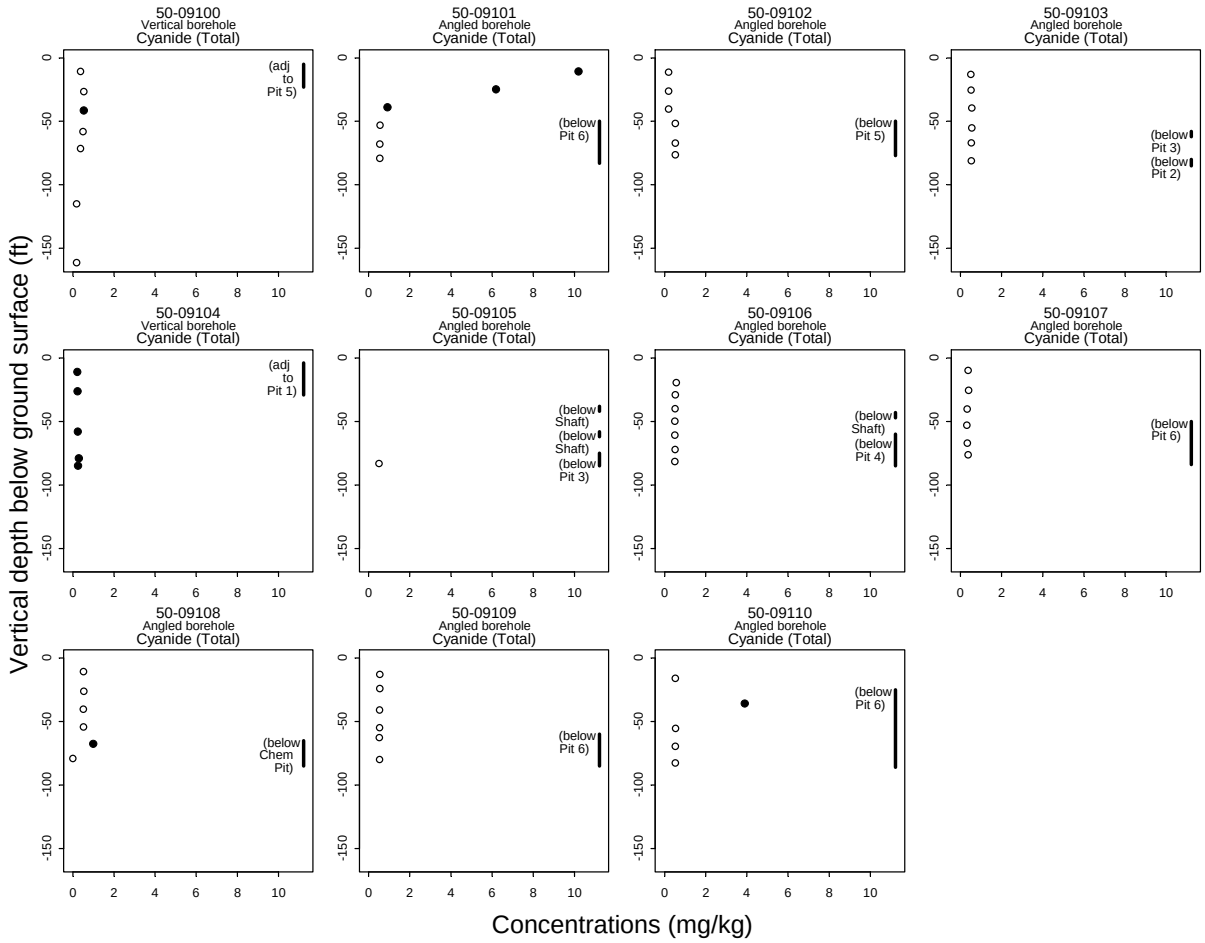


Figure D-14. Borehole profile plot for cyanide at MDA C

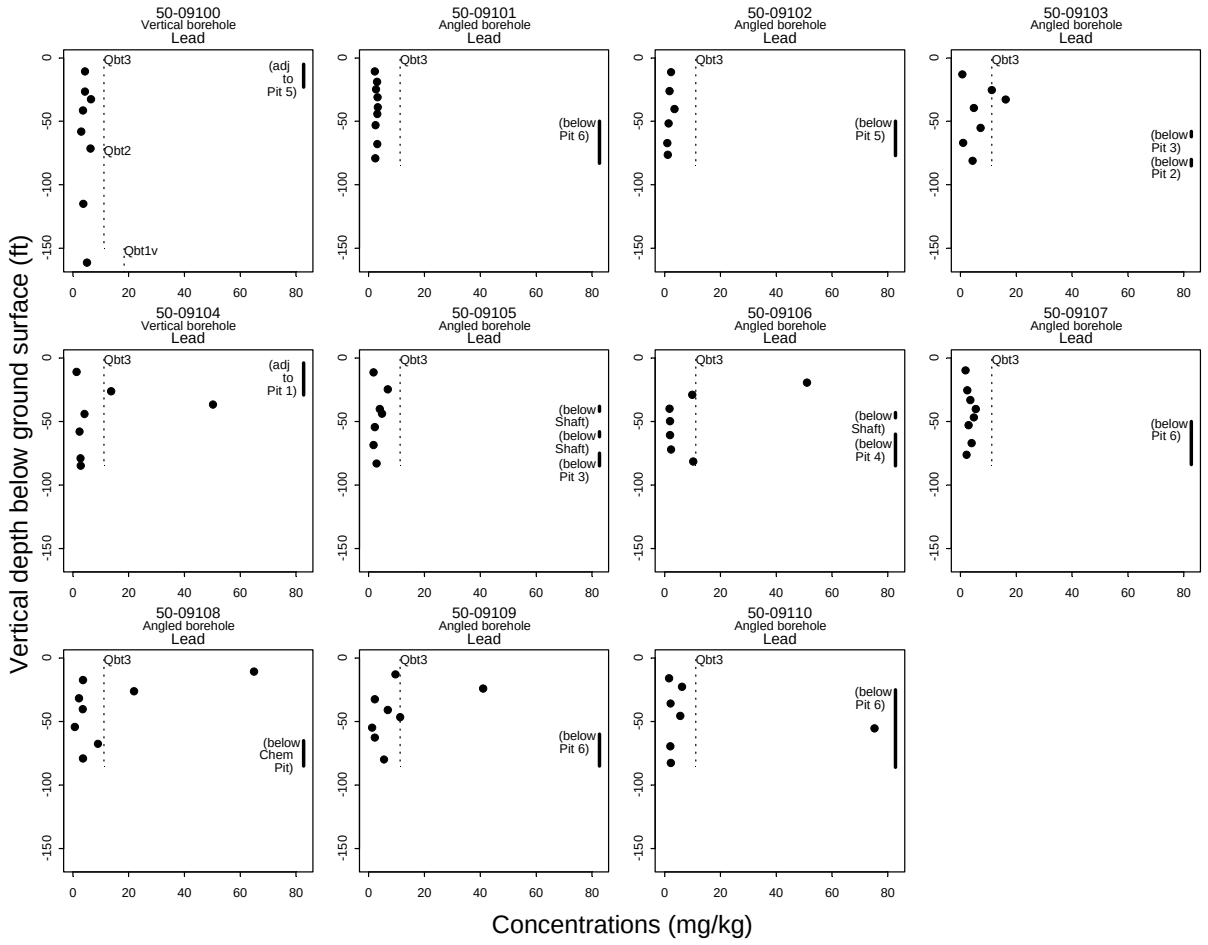


Figure D-15. Borehole profile plot for lead at MDA C

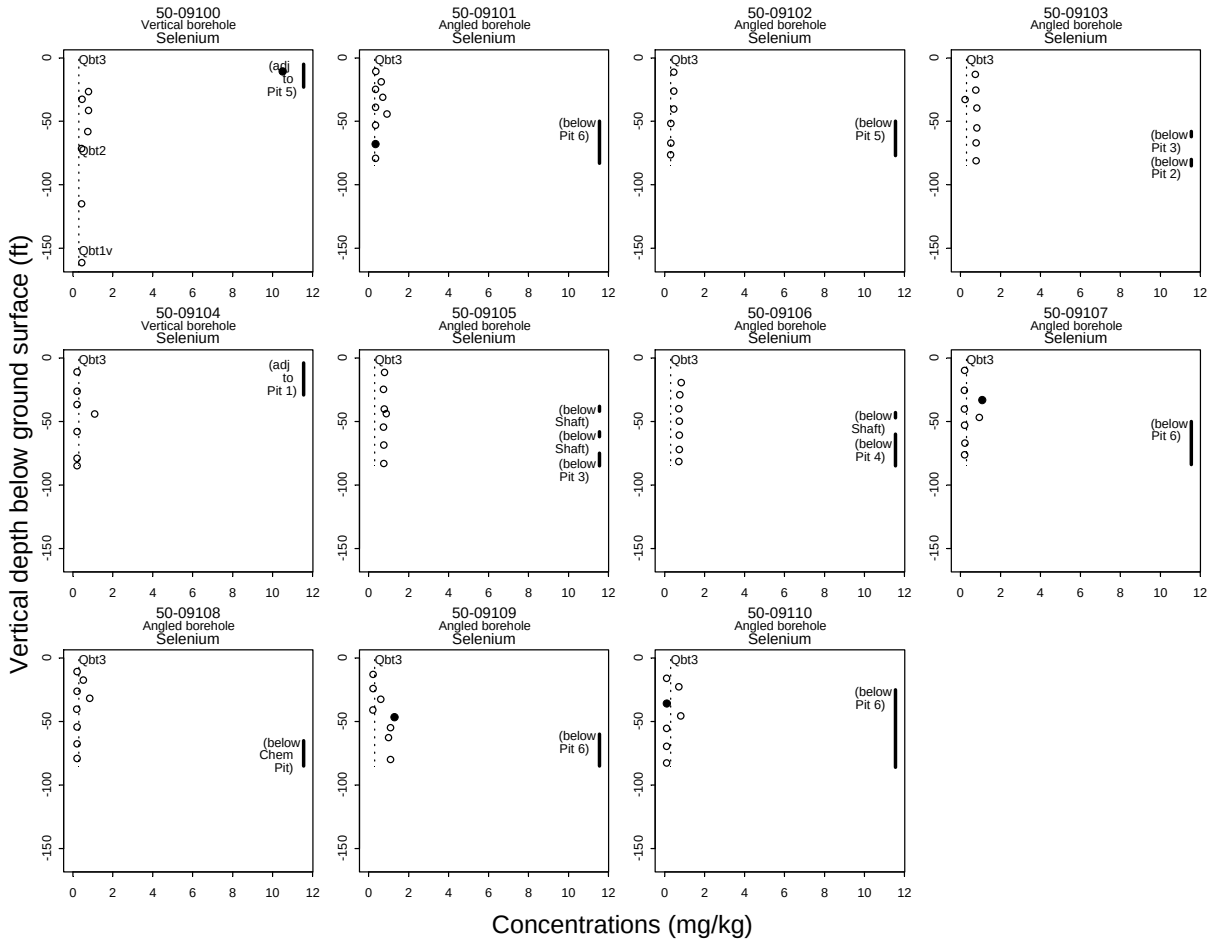


Figure D-16. Borehole profile plot for selenium at MDA C

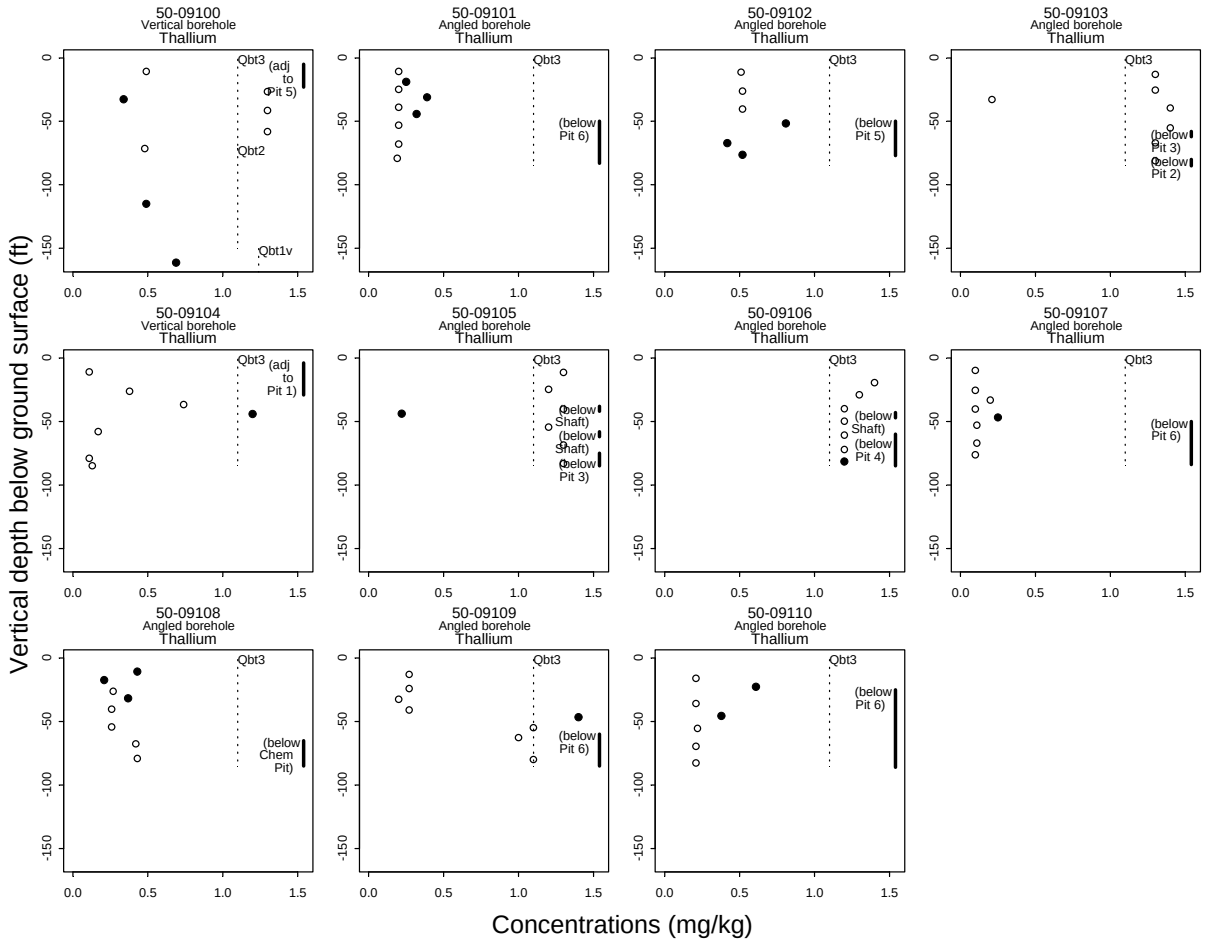


Figure D-17. Borehole profile plot for thallium at MDA C

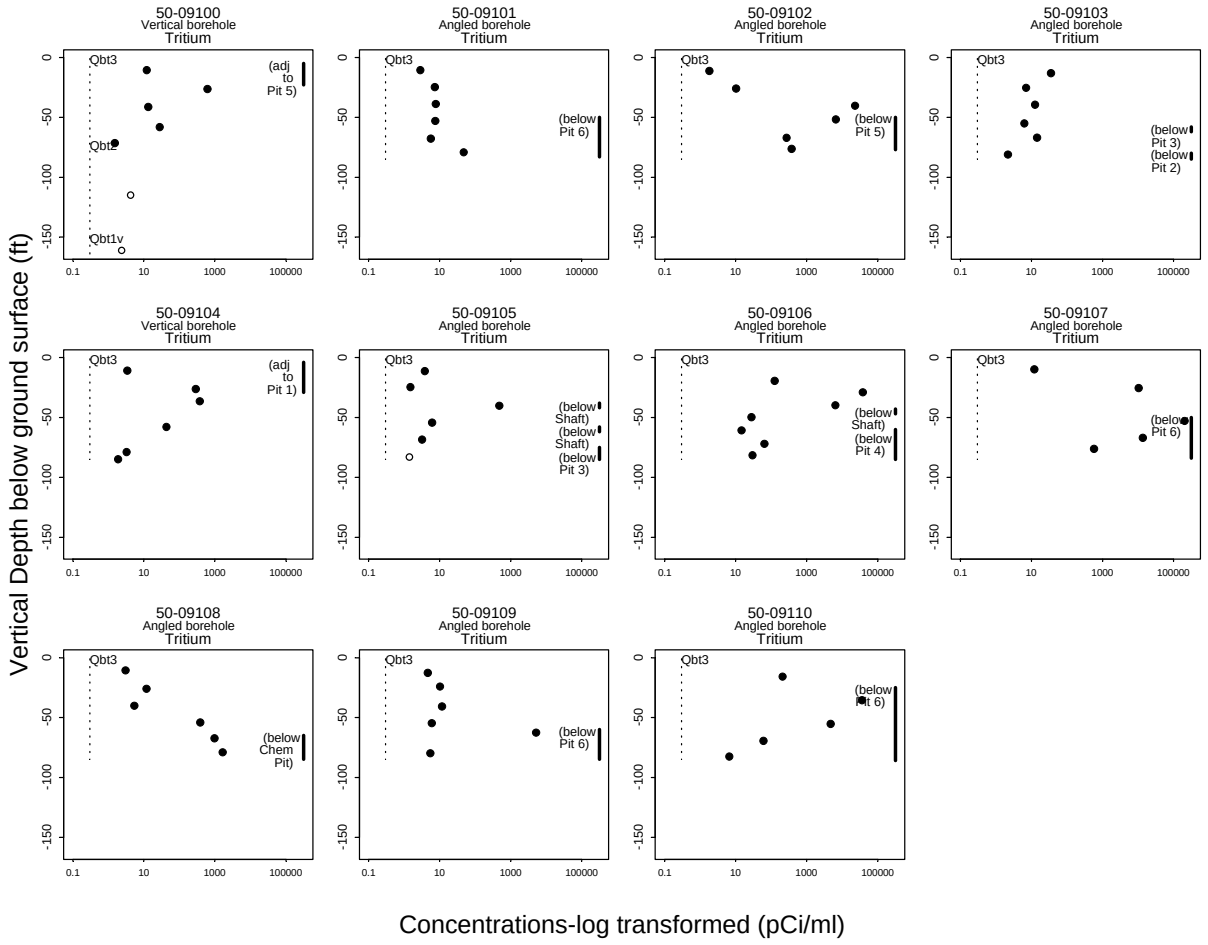


Figure D-18. Borehole profile plot for tritium at MDA C

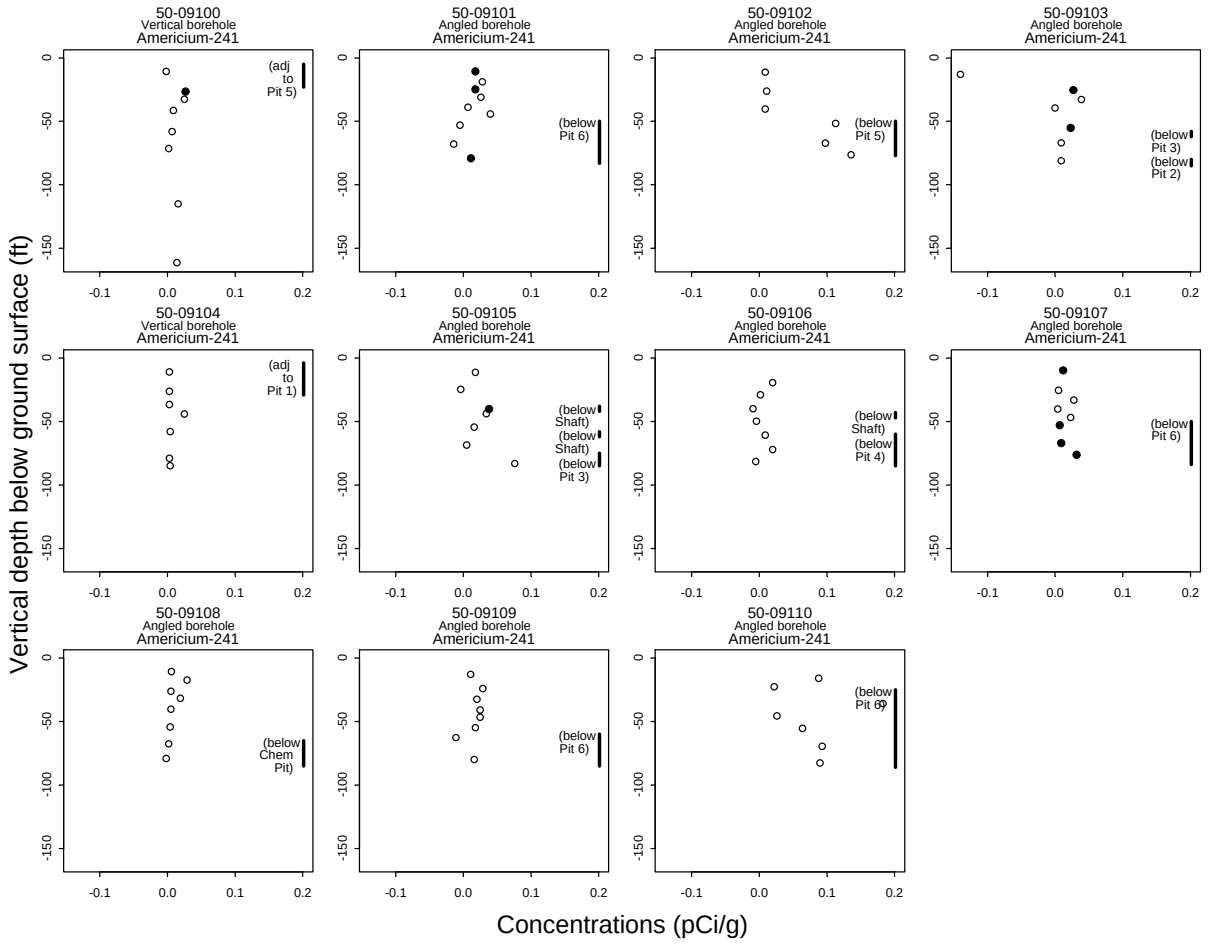


Figure D-19. Borehole profile plot for americium-241 at MDA C

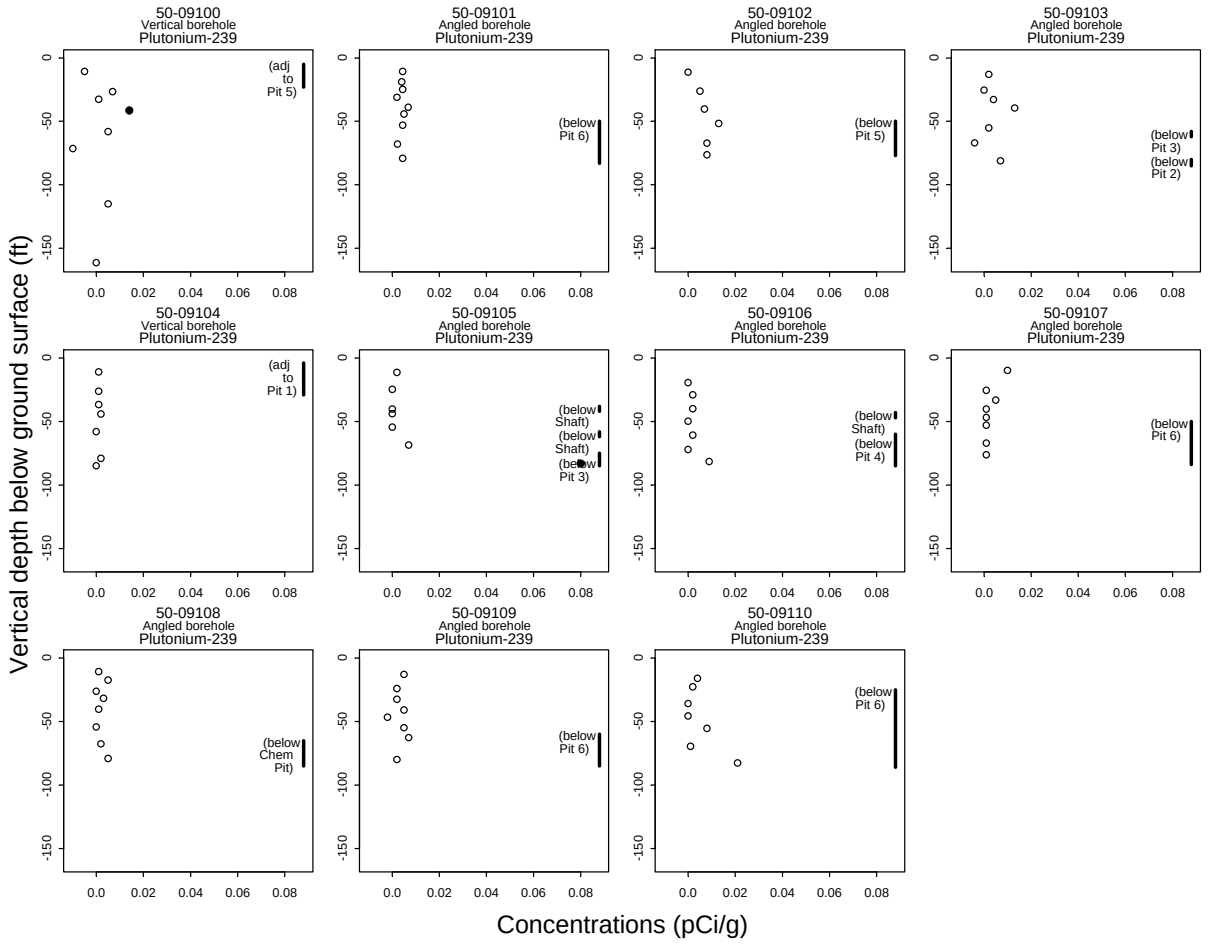
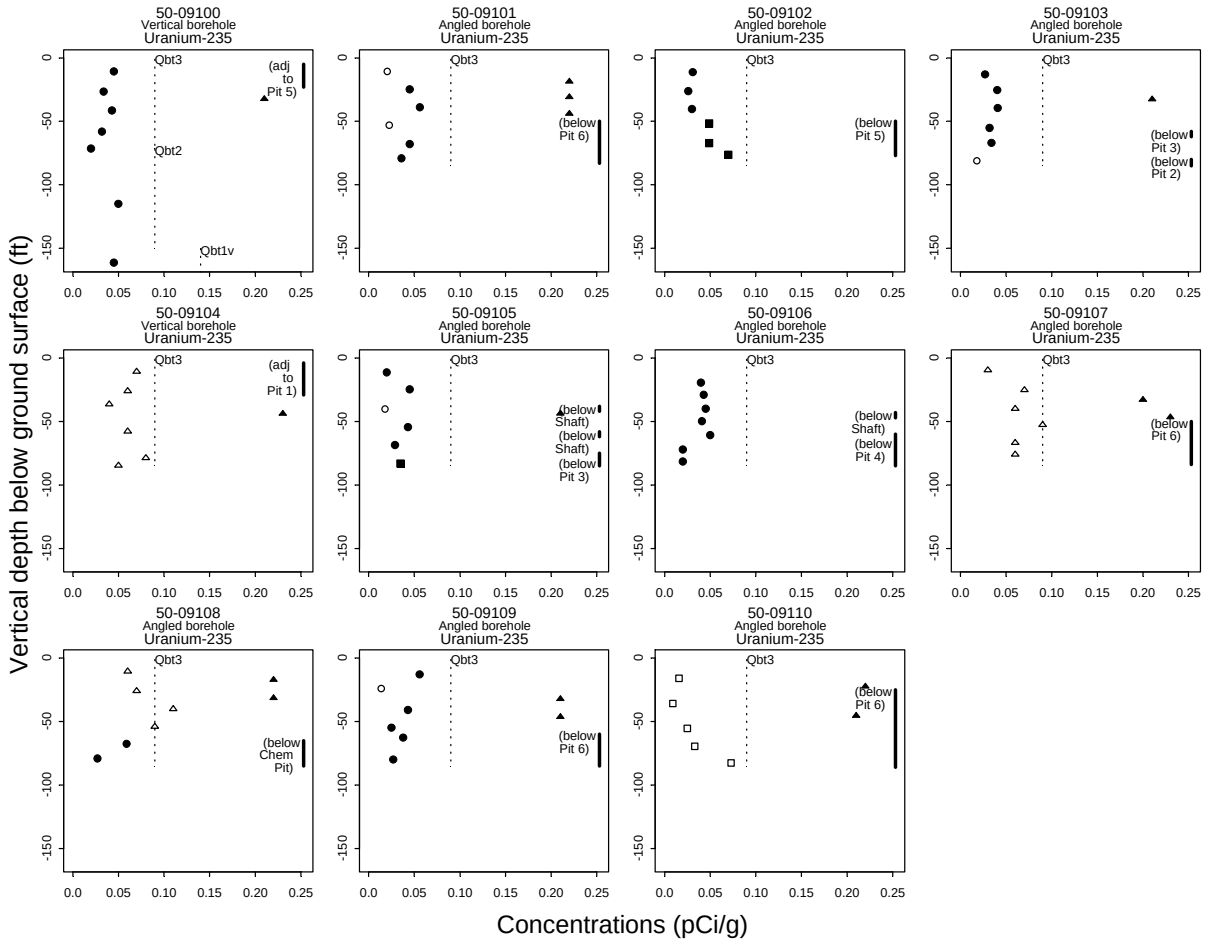


Figure D-20. Borehole profile plot for plutonium-239 at MDA C



Laboratory Key: ATI = circles; ESE = squares; Geotech = triangles

Figure D-21. Borehole profile plot for uranium-235 at MDA C

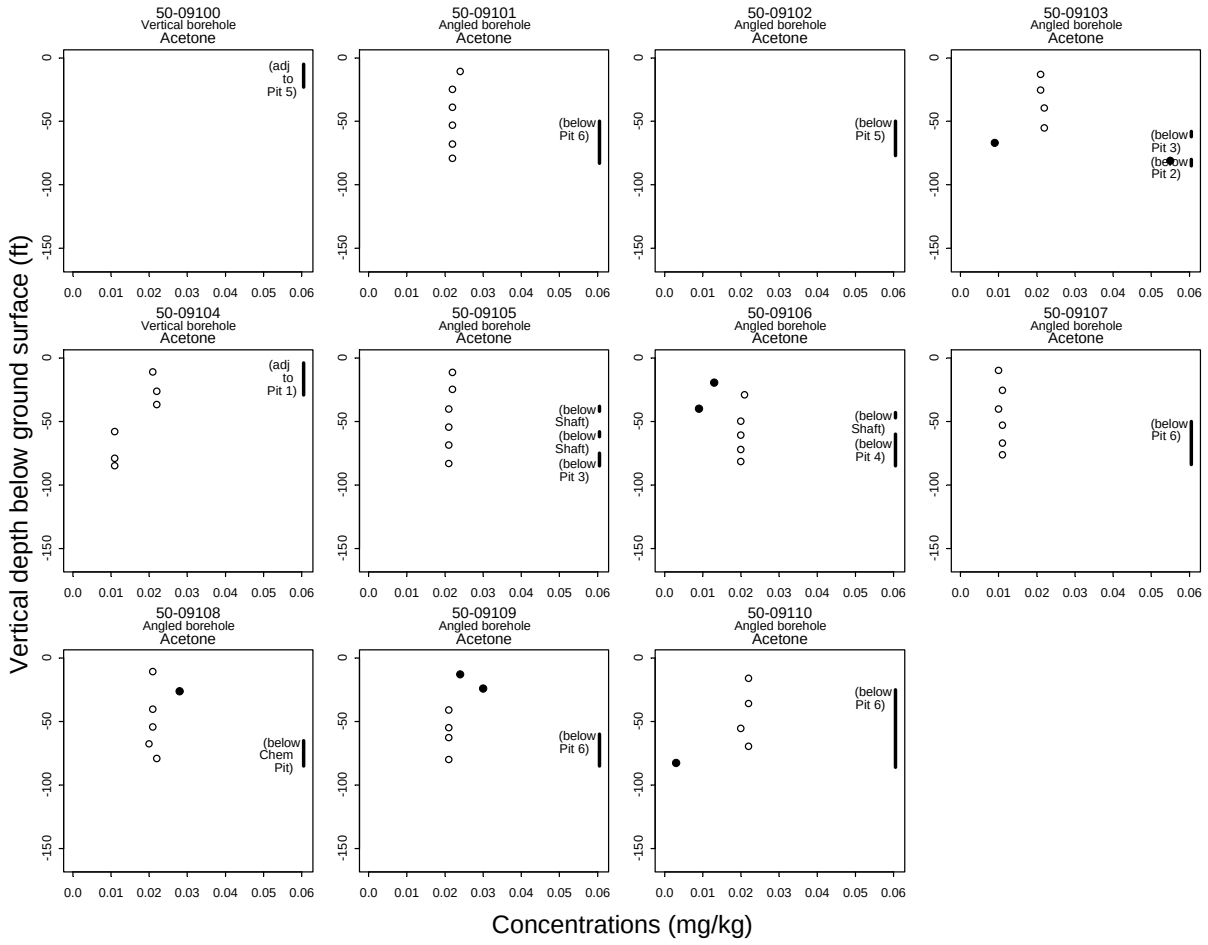


Figure D-22. Borehole profile plot for acetone at MDA C

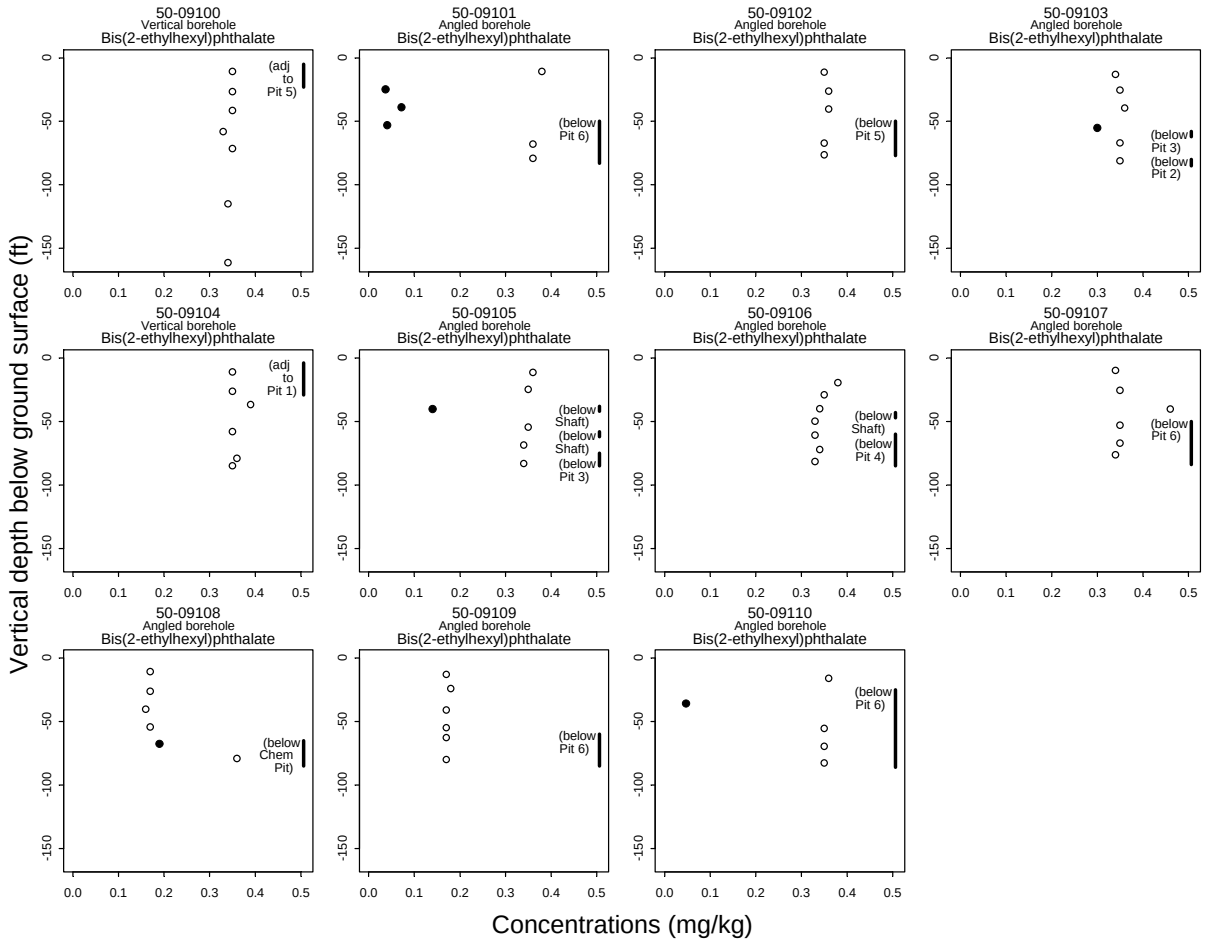


Figure D-23. Borehole profile plot for bis(2-ethylhexyl)phthalate at MDA C

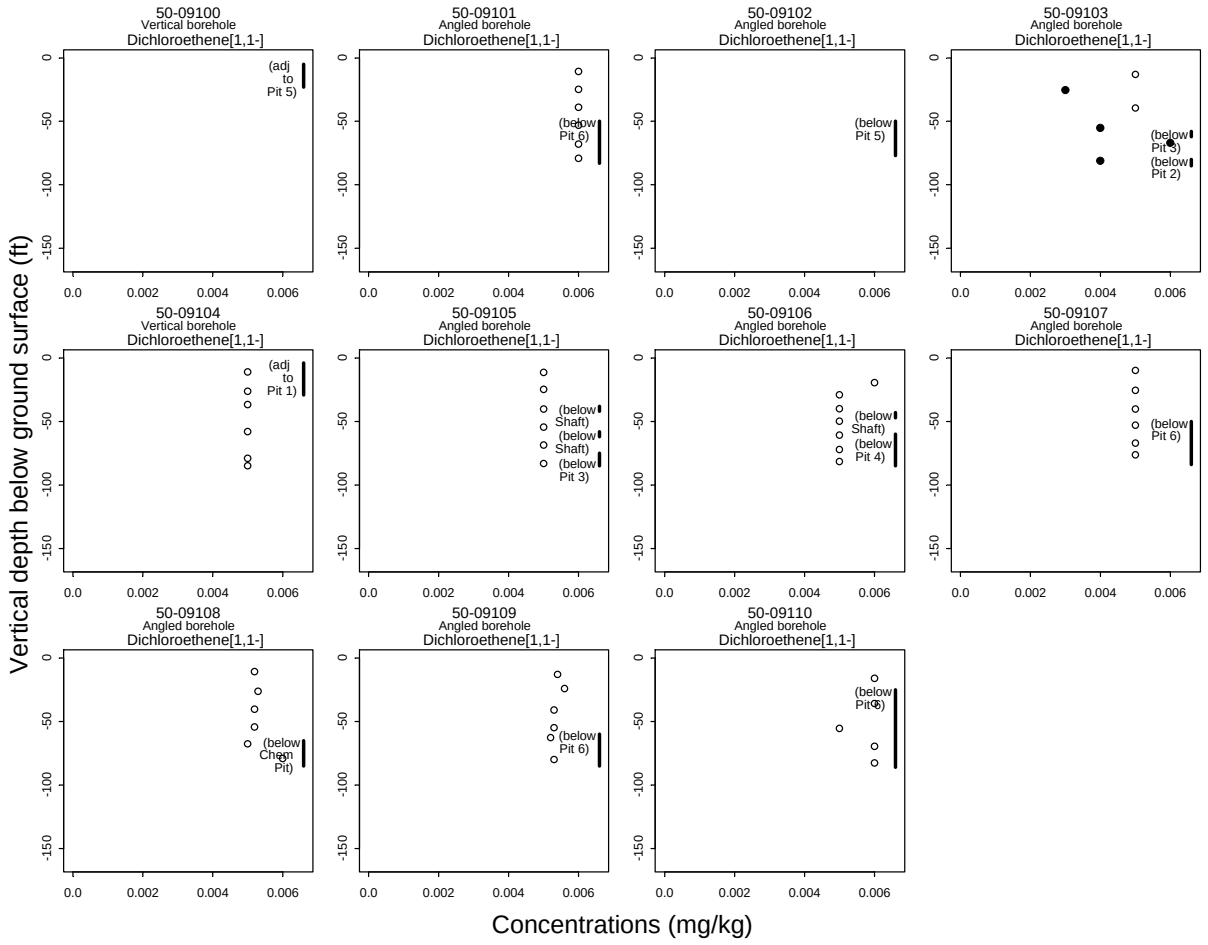


Figure D-24. Borehole profile plot for 1,1-dichloroethene at MDA C

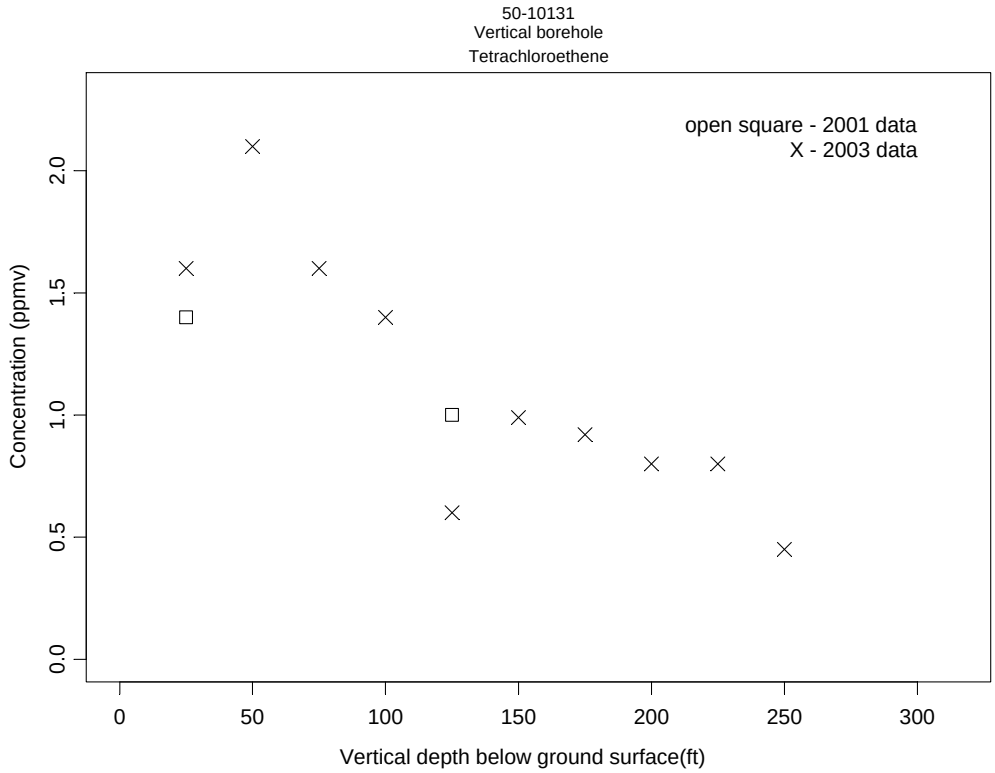


Figure D-25. Pore-gas data for tetrachloroethene in borehole 50-10131

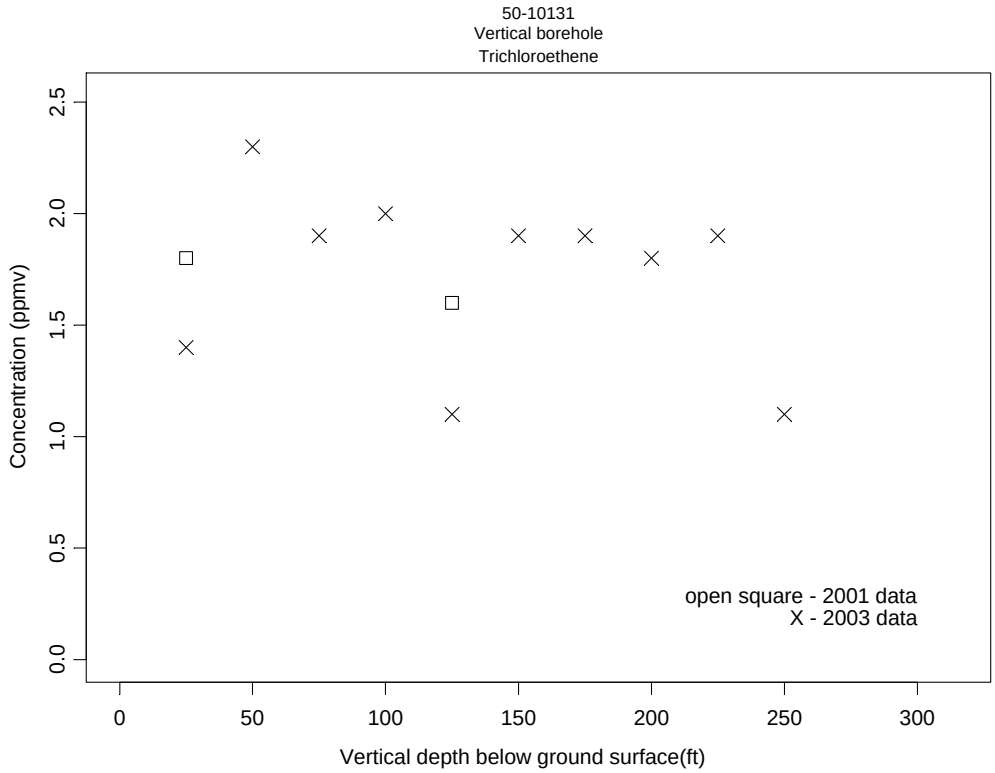


Figure D-26. Pore-gas data for trichloroethene in borehole 50-10131

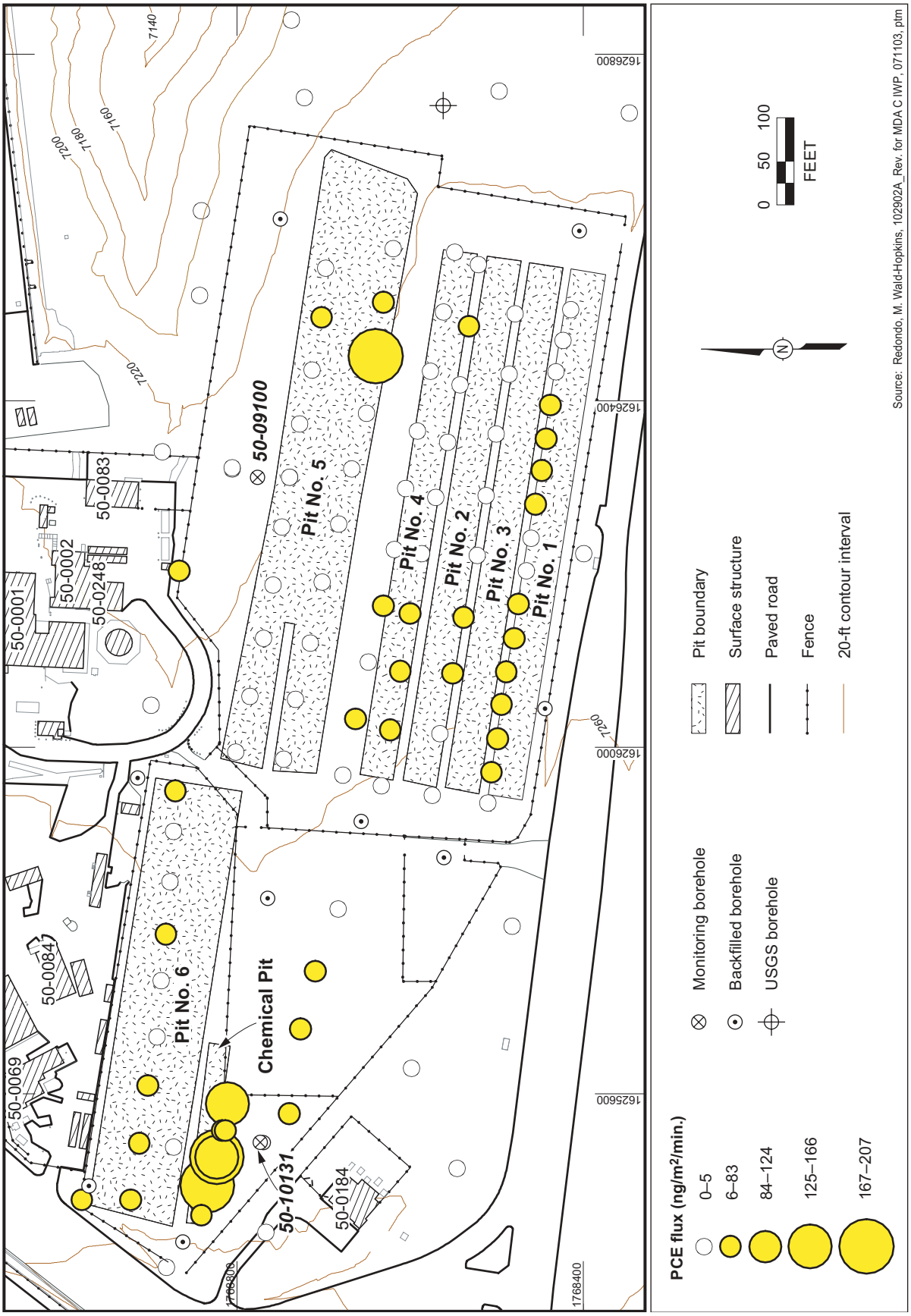


Figure D-27. Concentrations of tetrachloroethene from the surface flux data at MDA C

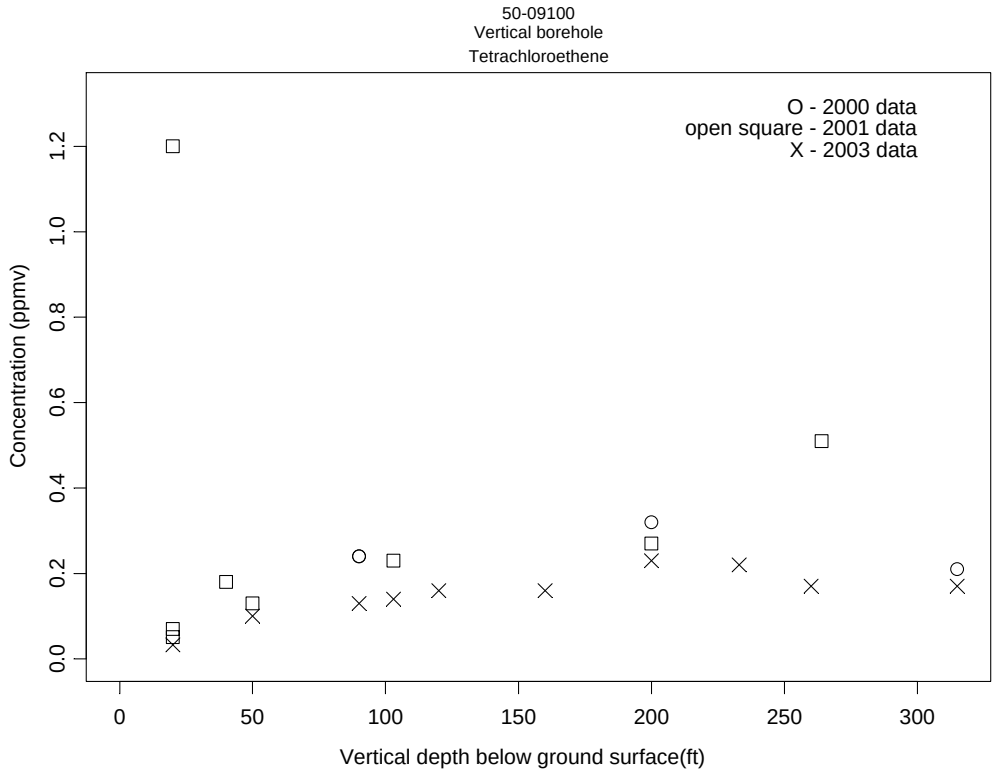


Figure D-28. Pore-gas data for tetrachloroethene in borehole 50-09100

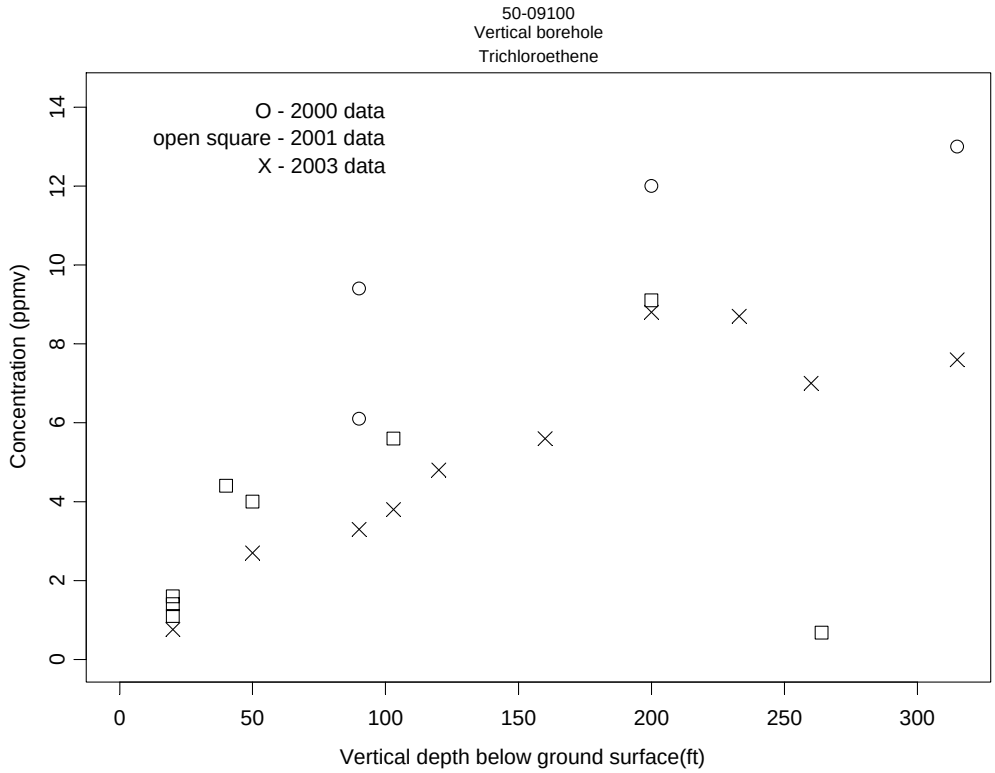


Figure D-29. Pore-gas data for trichloroethene in borehole 50-09100

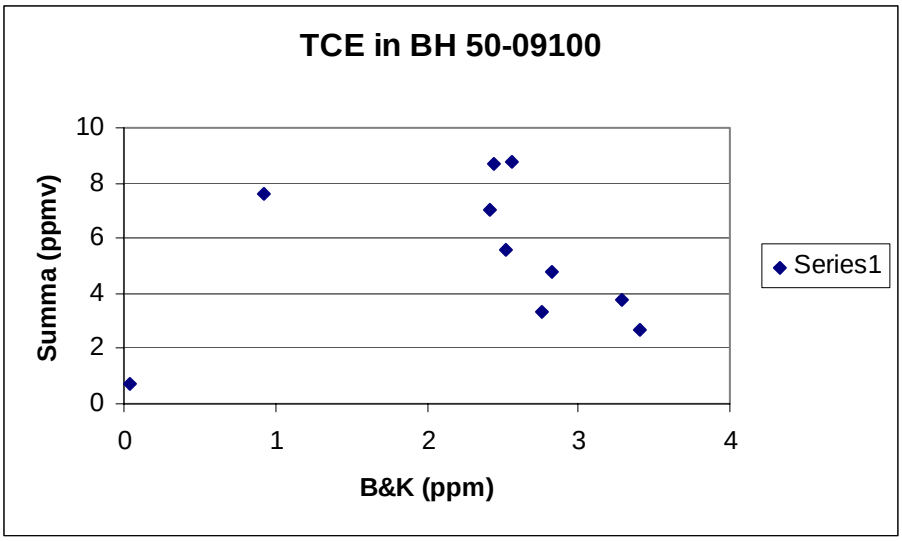


Figure D-30. Correlation plot for B&K and SUMMA data for trichloroethene in borehole 50-09100

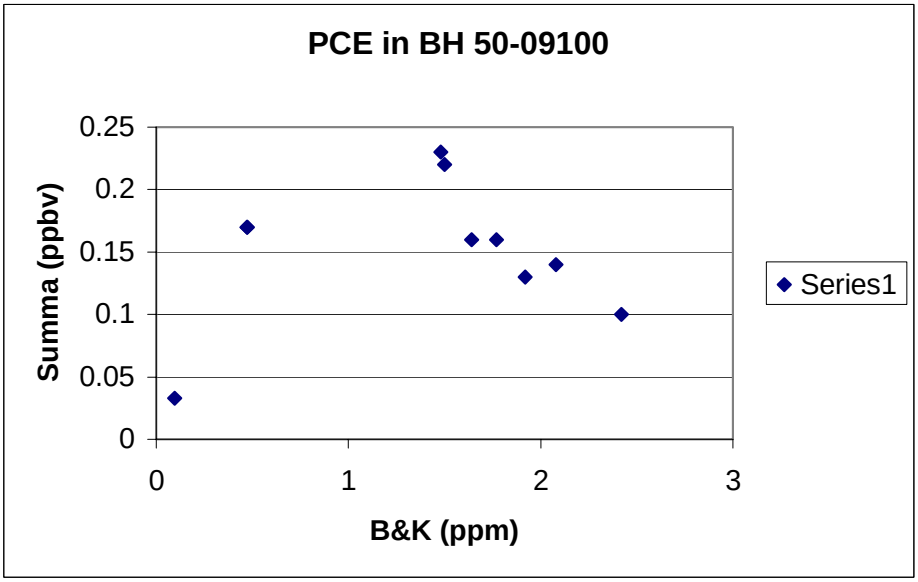


Figure D-31. Correlation plot for B&K and SUMMA data for tetrachloroethene in borehole 50-09100

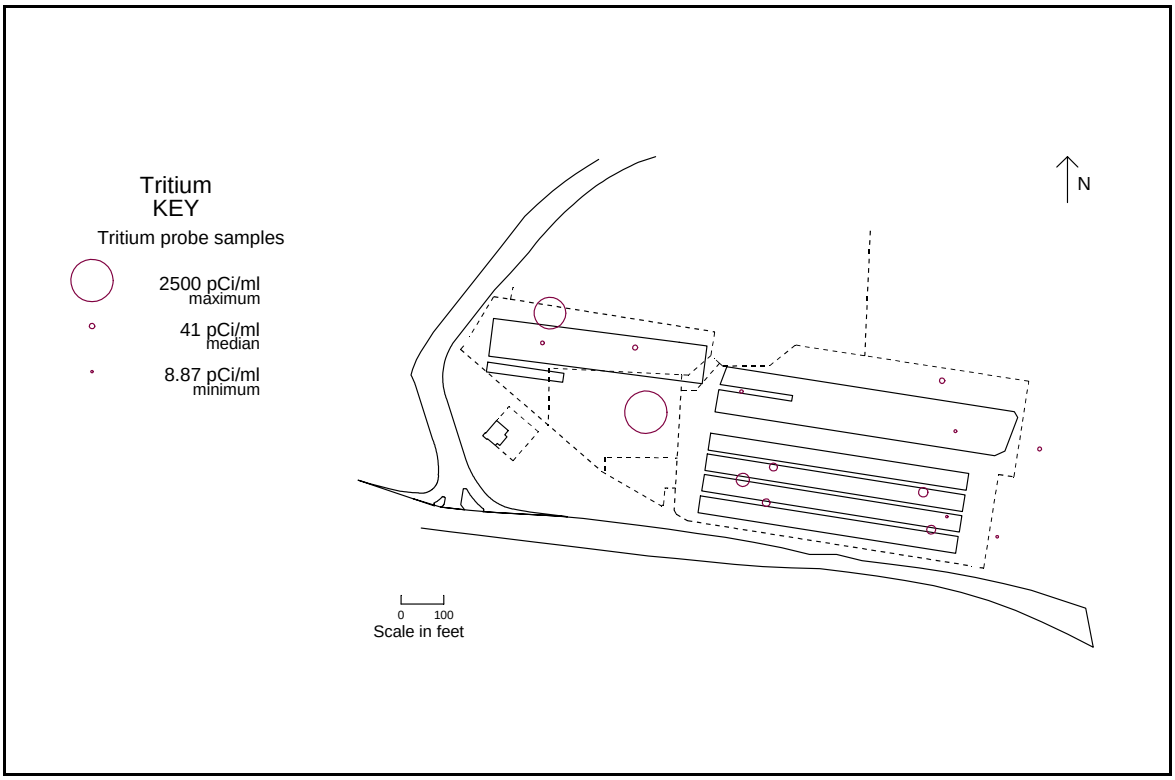


Figure D-32. Bubble plot of tritium from tritium probes at MDA C

Table D-1
Results of Statistical Tests for MDA C Inorganic Chemicals in Surface Soil and Fill

Analyte	Gehan p-value	Quantile p-Value	No. Site Data	No. Background Data	Max Site	Max Background	Above BV? (Y/N)
Antimony	0.94	n/a*	68	135	0.25	1	N
Arsenic	0.99	1	68	150	8	9.3	N
Barium	0.99	0.998908	68	173	250	410	N
Beryllium	0.75	0.987015	68	174	1.4	3.95	N
Cadmium	0.94	n/a	68	39	-0.4	2.6	N
Chromium	0.74	0.144962	68	173	18	36.5	N
Lead	<0.05	<0.05	68	173	30	28	Y
Mercury	<0.05	<0.05	10	39	0.1	0.1	N
Nickel	0.60	0.35	68	174	14	29	N
Potassium	0.62	1	2	174	1800	6850	N
Selenium	0.98	0.99	68	39	1	1.7	N
Silver	n/a	n/a	68	n/a	6	n/a	n/a
Thallium	1	1	68	173	0.21	1	N

*n/a = Not applicable.

Table D-2
Results of Statistical Tests for MDA C Radionuclides in Surface Soil and Fill

Analyte	Gehan p-value	Quantile p-value	No. Site Data	No. Background Data	Max Site (pCi/g)	Max Background (pCi/g)
Americium-241	<0.05	<0.05	68	27	1.017	0.013
Plutonium-238	<0.05	<0.05	68	56	0.219	0.037
Plutonium-239	<0.05	<0.05	68	56	10.687	0.055

Table D-3
Results of Statistical Tests for MDA C Inorganic Chemicals in Subsurface Tuff

Analyte	Gehan p-Value	Quantile p-Value	No. Site Data	No. Background Data	Max Site (mg/kg)	Max Background (mg/kg)	Above BV? (Y/N)
Aluminum	1	0.99	81	63	7900	8370	Y
Antimony	NR[a]	NR	75	64	11	0.4	Y
Arsenic	0.66	0.17	81	64	9.8	5	Y
Barium	1	0.99	81	63	100	51.6	Y
Beryllium	1	0.99	81	64	1.3	1.8	N
Cadmium	1	1	81	15	0.82	1.5	N
Calcium	1	1	81	64	7390	2230	Y
Chromium	0.99	0.97	81	64	12.7	13	Y
Cobalt	0.99	0.96	81	11	3.8	3.14	Y
Copper	0.83	0.99	81	64	30.7	6.2	Y
Cyanide	n/a[b]	n/a	60	n/a	10.2	n/a	n/a
Iron	0.99	1	81	64	8670	19500	N
Lead	0.99	0.88	81	63	75.2	15.5	Y
Magnesium	0.99	0.99	81	64	2690	2820	N
Manganese	0.99	0.99	81	64	319	752	N
Mercury	n/a	n/a	81	n/a	0.11(U)	n/a	n/a
Nickel	0.54	0.88	81	63	13.2	7	Y
Potassium	1	1	81	75	1000	41360	N
Selenium	NR	NR	81	15	10.5	0.2	Y
Silver	0.55	NR	81	64	0.6	1.9	N
Sodium	1	1	81	64	387	7700	N
Thallium	0.23	0.29	81	64	1.4	1.7	Y
Vanadium	1	0.99	81	64	10.5	21	N
Zinc	0.99	1	81	64	54	65.6	N

[a] NR = Not run.
[b] n/a = Not applicable.

Table D-4
Summary Table for Detected VOCs in Pore Gas

Analyte	Total Samples	Nondetects			Detects		
		No.	Min (mg/kg)	Max (mg/kg)	No.	Min (mg/kg)	Max (mg/kg)
Acetone	34	31	9	4500	3	18	68
Benzene	34	33	3.7	180	1	4.3	4.3
Butanone[2-]	34	32	9	450	2	32	69
Carbon Tetrachloride	34	0	n/a*	n/a	34	12	140
Chlorodifluoromethane	10	9	7.3	180	1	49	49
Chloroform	34	5	37	590	29	67	380
Dichlorodifluoromethane	26	10	22	180	16	34	230
Dichloroethane[1,2-]	34	22	2.2	180	12	3.8	20
Dichloroethene[1,1-]	34	32	2.6	180	2	9.7	48
Dichloroethene[cis-1,2-]	34	1	4.2	4.2	33	3.7	110
Dichloropropane[1,2-]	34	10	6.8	180	24	2.8	71
Ethanol	32	29	9	170	3	35	5700
Ethylbenzene	34	33	2.2	180	1	3.3	3.3
Methanol	34	33	220	9000	1	210	210
Methylene Chloride	34	4	4.2	170	30	2.9	560
Propanol[2-]	32	29	9	170	3	16	220
Tetrachloroethene	34	0	n/a	n/a	34	33	2100
Toluene	34	30	2.2	180	4	24	98
Trichloro-1,2,2-trifluoroethane[1,1,2-]	34	1	180	180	33	11	520
Trichloroethane[1,1,1-]	34	4	26	180	30	15	840
Trichloroethene	34	0	n/a	n/a	34	680	13000
Trichlorofluoromethane	26	13	8.8	180	13	3.7	9.7
Xylene (Total)	10	8	6.8	180	2	8.9	13
Xylene[1,2-]	34	32	2.2	180	2	3.8	5

*n/a = Not applicable.

Table D-5
Tritium Probe Data at MDA C

Location ID	Sample Depth (ft)	Sample ID	Analyte	Result (pCi/mL)
50-03-21464	2.5	MD50-03-49958	Tritium	111
50-03-21465	2.5	MD50-03-49959	Tritium	8.87
50-03-21466	2.5	MD50-03-49960	Tritium	128
50-03-21467	2.5	MD50-03-49961	Tritium	2500
50-03-21468	2.5	MD50-03-49962	Tritium	36.2
50-03-21469	2.5	MD50-03-49963	Tritium	90.5
50-03-21470	2.5	MD50-03-49964	Tritium	84.2
50-03-21471	2.5	MD50-03-49965	Tritium	246
50-03-21472	2.5	MD50-03-49966	Tritium	1400
50-03-21473	2.5	MD50-03-49967	Tritium	20.2
50-03-21474	2.5	MD50-03-49968	Tritium	12.7
50-03-21475	2.5	MD50-03-49969	Tritium	41
50-03-21476	2.5	MD50-03-49970	Tritium	17.6
50-03-21477	2.5	MD50-03-49971	Tritium	9.93
50-03-21478	2.5	MD50-03-49972	Tritium	23.9

Appendix E

Phase I RFI Data
(CD on inside back cover of this report)

Table E-1
MDA C Subsurface Data for Inorganic Chemicals

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Aluminum	926	mg/kg	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Antimony	0.4	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Arsenic	1.3	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Barium	36.7	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Beryllium	0.46	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Cadmium	0.02	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Calcium	368	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Chromium	2.3	mg/kg	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Cobalt	0.45	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Copper	1.2	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Cyanide (Total)	0.38	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Iron	4740	mg/kg	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Lead	4.4	mg/kg	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Magnesium	204	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Manganese	186	mg/kg	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Mercury	0.05	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nickel	1.8	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Potassium	218	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Selenium	10.5	mg/kg	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Silver	0.11	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Sodium	98.6	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Thallium	0.49	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Vanadium	1.8	mg/kg	J
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Zinc	25	mg/kg	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Aluminum	1330	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Antimony	0.73	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Arsenic	1.2	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Barium	8.8	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Beryllium	0.34	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Cadmium	0.05	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Calcium	234	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Chromium	0.69	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Cobalt	0.19	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Copper	0.93	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Cyanide (Total)	0.54	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Iron	3460	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Lead	4.4	mg/kg	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Magnesium	137	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Manganese	135	mg/kg	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Mercury	0.11	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nickel	0.87	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Potassium	164	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Selenium	0.79	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Silver	0.17	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Sodium	135	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Thallium	1.3	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Vanadium	1.8	mg/kg	J
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Zinc	20	mg/kg	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Aluminum	816	mg/kg	J
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Antimony	3.3	mg/kg	UJ
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Arsenic	2	mg/kg	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Barium	8.8	mg/kg	J
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Beryllium	0.32	mg/kg	J
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Cadmium	0.2	mg/kg	J
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Calcium	194	mg/kg	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Chromium	0.2	mg/kg	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Cobalt	0.6	mg/kg	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Copper	0.81	mg/kg	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Iron	4310	mg/kg	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Lead	6.5	mg/kg	J-
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Magnesium	122	mg/kg	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Manganese	137	mg/kg	J
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Nickel	0.86	mg/kg	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Potassium	359	mg/kg	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Selenium	0.47	mg/kg	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Silver	0.17	mg/kg	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Sodium	263	mg/kg	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Thallium	0.34	mg/kg	J
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Vanadium	1.7	mg/kg	J
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Zinc	14	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Aluminum	3280	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Antimony	0.72	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Arsenic	1	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Barium	29.4	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Beryllium	0.54	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Cadmium	0.04	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Calcium	758	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Chromium	2	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Cobalt	0.34	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Copper	2.5	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Cyanide (Total)	0.53	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Iron	4990	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Lead	3.7	mg/kg	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Magnesium	470	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Manganese	142	mg/kg	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Mercury	0.11	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nickel	1.9	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Potassium	437	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Selenium	0.79	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Silver	0.17	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Sodium	123	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Thallium	1.3	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Vanadium	4.1	mg/kg	J
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Zinc	23.4	mg/kg	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Aluminum	599	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Antimony	0.69	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Arsenic	0.95	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Barium	11.9	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Beryllium	0.26	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Cadmium	0.04	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Calcium	233	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Chromium	0.87	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Cobalt	0.18	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Copper	1.2	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Cyanide (Total)	0.51	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Iron	4600	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Lead	3.1	mg/kg	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Magnesium	125	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Manganese	193	mg/kg	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Mercury	0.1	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nickel	0.55	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Potassium	142	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Selenium	0.75	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Silver	0.16	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Sodium	122	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Thallium	1.3	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Vanadium	1.6	mg/kg	J
50-09100	0550-95-0371	58.2–60	Qbt 3	Zinc	31	mg/kg	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Aluminum	3260	mg/kg	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Antimony	0.41	mg/kg	J-
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Arsenic	1.5	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Barium	34	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Beryllium	0.65	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Cadmium	0.02	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Calcium	703	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Chromium	2.2	mg/kg	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Cobalt	1.1	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Copper	4.4	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Cyanide (Total)	0.38	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Iron	8370	mg/kg	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Lead	6.4	mg/kg	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Magnesium	478	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Manganese	319	mg/kg	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Mercury	0.05	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nickel	2.9	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Potassium	410	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Selenium	0.44	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Silver	0.11	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Sodium	79	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Thallium	0.48	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Vanadium	3.1	mg/kg	J
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Zinc	50.5	mg/kg	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Aluminum	254	mg/kg	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Antimony	0.38	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Arsenic	0.94	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Barium	11.5	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Beryllium	0.3	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Cadmium	0.04	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Calcium	174	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Chromium	0.2	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Cobalt	0.37	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Copper	0.98	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Cyanide (Total)	0.19	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Iron	3560	mg/kg	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Lead	3.8	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Magnesium	93.1	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Manganese	286	mg/kg	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Mercury	0.05	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nickel	0.26	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Potassium	93.1	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Selenium	0.44	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Silver	0.1	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Sodium	60.4	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Thallium	0.49	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Vanadium	0.73	mg/kg	J
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Zinc	29.6	mg/kg	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Aluminum	272	mg/kg	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Antimony	0.39	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Arsenic	0.72	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Barium	10.3	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Beryllium	0.43	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Cadmium	0.04	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Calcium	167	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Chromium	0.19	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Cobalt	0.42	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Copper	1	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Cyanide (Total)	0.19	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Iron	3320	mg/kg	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Lead	5.1	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Magnesium	80.3	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Manganese	358	mg/kg	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Mercury	0.05	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nickel	0.32	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Potassium	96.9	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Selenium	0.45	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Silver	0.1	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Sodium	49.8	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Thallium	0.69	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Vanadium	0.49	mg/kg	J
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Zinc	28.9	mg/kg	None
50-09101	0550-95-0284	15–17	Qbt 3	Aluminum	2050	mg/kg	J
50-09101	0550-95-0284	15–17	Qbt 3	Antimony	9.8	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Arsenic	0.41	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Barium	12.8	mg/kg	J
50-09101	0550-95-0284	15–17	Qbt 3	Beryllium	0.34	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Cadmium	0.77	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Calcium	594	mg/kg	J
50-09101	0550-95-0284	15–17	Qbt 3	Chromium	2.2	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Cobalt	1.2	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Copper	1.1	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Cyanide (Total)	10.2	mg/kg	None
50-09101	0550-95-0284	15–17	Qbt 3	Iron	6480	mg/kg	J
50-09101	0550-95-0284	15–17	Qbt 3	Lead	2.2	mg/kg	None
50-09101	0550-95-0284	15–17	Qbt 3	Magnesium	419	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0284	15–17	Qbt 3	Manganese	250	mg/kg	J-
50-09101	0550-95-0284	15–17	Qbt 3	Mercury	0.06	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nickel	3.4	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Potassium	262	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Selenium	0.36	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Silver	1	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Sodium	219	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Thallium	0.2	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Vanadium	2.9	mg/kg	J
50-09101	0550-95-0284	15–17	Qbt 3	Zinc	35.6	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Aluminum	891	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Antimony	3.3	mg/kg	UJ
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Arsenic	2.5	mg/kg	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Barium	14.7	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Beryllium	0.38	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Cadmium	0.22	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Calcium	244	mg/kg	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Chromium	0.33	mg/kg	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Cobalt	0.6	mg/kg	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Copper	0.83	mg/kg	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Iron	4390	mg/kg	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Lead	3	mg/kg	J-
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Magnesium	112	mg/kg	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Manganese	210	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Nickel	0.82	mg/kg	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Potassium	265	mg/kg	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Selenium	0.64	mg/kg	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Silver	0.1	mg/kg	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Sodium	224	mg/kg	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Thallium	0.25	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Vanadium	2.6	mg/kg	J
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Zinc	24.7	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Aluminum	1690	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Antimony	10.3	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Arsenic	0.39	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Barium	24.5	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Beryllium	0.60	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Cadmium	0.74	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Calcium	538	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Chromium	2.1	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Cobalt	0.68	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0289	35–36.2	Qbt 3	Copper	1.2	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Cyanide (Total)	6.2	mg/kg	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Iron	5790	mg/kg	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Lead	2.7	mg/kg	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Magnesium	308	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Manganese	212	mg/kg	J-
50-09101	0550-95-0289	35–36.2	Qbt 3	Mercury	0.05	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nickel	3.3	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Potassium	391	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Selenium	0.35	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Silver	0.96	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Sodium	212	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Thallium	0.2	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Vanadium	3.1	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Zinc	35	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Aluminum	1000	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Antimony	3.5	mg/kg	UJ
50-09101	0550-96-0102	44–45.1	Qbt 3	Arsenic	2.3	mg/kg	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Barium	16.7	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Beryllium	0.39	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Cadmium	0.31	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Calcium	233	mg/kg	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Chromium	0.43	mg/kg	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Cobalt	0.63	mg/kg	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Copper	0.84	mg/kg	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Iron	4410	mg/kg	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Lead	3.2	mg/kg	J-
50-09101	0550-96-0102	44–45.1	Qbt 3	Magnesium	196	mg/kg	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Manganese	198	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Nickel	0.72	mg/kg	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Potassium	425	mg/kg	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Selenium	0.71	mg/kg	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Silver	0.11	mg/kg	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Sodium	319	mg/kg	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Thallium	0.39	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Vanadium	2.1	mg/kg	J
50-09101	0550-96-0102	44–45.1	Qbt 3	Zinc	29	mg/kg	J
50-09101	0550-95-0294	55–55.7	Qbt 3	Aluminum	478	mg/kg	J
50-09101	0550-95-0294	55–55.7	Qbt 3	Antimony	9.5	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Arsenic	0.4	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Barium	14.5	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0294	55–55.7	Qbt 3	Beryllium	0.33	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Cadmium	0.75	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Calcium	318	mg/kg	J
50-09101	0550-95-0294	55–55.7	Qbt 3	Chromium	2.1	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Cobalt	0.6	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Copper	1	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Cyanide (Total)	0.92	mg/kg	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Iron	5620	mg/kg	J
50-09101	0550-95-0294	55–55.7	Qbt 3	Lead	3.3	mg/kg	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Magnesium	152	mg/kg	J
50-09101	0550-95-0294	55–55.7	Qbt 3	Manganese	245	mg/kg	J-
50-09101	0550-95-0294	55–55.7	Qbt 3	Mercury	0.06	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nickel	3.3	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Potassium	189	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Selenium	0.35	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Silver	0.97	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Sodium	212	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Thallium	0.2	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Vanadium	1.2	mg/kg	J
50-09101	0550-95-0294	55–55.7	Qbt 3	Zinc	35	mg/kg	J
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Aluminum	987	mg/kg	J
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Antimony	3.5	mg/kg	UJ
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Arsenic	2	mg/kg	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Barium	15.9	mg/kg	J
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Beryllium	0.37	mg/kg	J
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Cadmium	0.33	mg/kg	J
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Calcium	346	mg/kg	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Chromium	0.39	mg/kg	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Cobalt	0.64	mg/kg	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Copper	1.2	mg/kg	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Iron	5550	mg/kg	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Lead	3.1	mg/kg	J-
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Magnesium	217	mg/kg	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Manganese	272	mg/kg	J
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Nickel	0.63	mg/kg	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Potassium	306	mg/kg	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Selenium	0.92	mg/kg	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Silver	0.11	mg/kg	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Sodium	247	mg/kg	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Thallium	0.32	mg/kg	J
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Vanadium	1.8	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Zinc	38.5	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Aluminum	1240	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Antimony	9.5	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Arsenic	0.4	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Barium	22.4	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Beryllium	0.71	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Cadmium	0.75	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Calcium	374	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Chromium	2.1	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Cobalt	1.3	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Copper	1	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Cyanide (Total)	0.55	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Iron	5440	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Lead	2.5	mg/kg	None
50-09101	0550-95-0299	75–77	Qbt 3	Magnesium	275	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Manganese	202	mg/kg	J-
50-09101	0550-95-0299	75–77	Qbt 3	Mercury	0.06	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nickel	3.3	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Potassium	241	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Selenium	0.35	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Silver	1	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Sodium	190	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Thallium	0.2	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Vanadium	1.3	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Zinc	33.7	mg/kg	J
50-09101	0550-95-0304	96–98	Qbt 3	Aluminum	468	mg/kg	J
50-09101	0550-95-0304	96–98	Qbt 3	Antimony	9.4	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Arsenic	0.39	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Barium	11.4	mg/kg	J
50-09101	0550-95-0304	96–98	Qbt 3	Beryllium	0.33	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Cadmium	0.74	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Calcium	302	mg/kg	J
50-09101	0550-95-0304	96–98	Qbt 3	Chromium	2.1	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Cobalt	1.4	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Copper	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Cyanide (Total)	0.54	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Iron	5860	mg/kg	J
50-09101	0550-95-0304	96–98	Qbt 3	Lead	3.1	mg/kg	None
50-09101	0550-95-0304	96–98	Qbt 3	Magnesium	166	mg/kg	J
50-09101	0550-95-0304	96–98	Qbt 3	Manganese	190	mg/kg	J-
50-09101	0550-95-0304	96–98	Qbt 3	Mercury	0.05	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0304	96–98	Qbt 3	Nickel	3.2	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Potassium	213	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Selenium	0.35	mg/kg	None
50-09101	0550-95-0304	96–98	Qbt 3	Silver	0.96	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Sodium	203	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Thallium	0.2	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Vanadium	1.5	mg/kg	J
50-09101	0550-95-0304	96–98	Qbt 3	Zinc	39.7	mg/kg	J
50-09101	0550-95-0309	112–114.5	Qbt 3	Aluminum	351	mg/kg	J
50-09101	0550-95-0309	112–114.5	Qbt 3	Antimony	9.4	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Arsenic	0.39	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Barium	13.3	mg/kg	J
50-09101	0550-95-0309	112–114.5	Qbt 3	Beryllium	0.32	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Cadmium	0.74	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Calcium	241	mg/kg	J
50-09101	0550-95-0309	112–114.5	Qbt 3	Chromium	2.1	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Cobalt	1.4	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Copper	1	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Cyanide (Total)	0.54	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Iron	2990	mg/kg	J
50-09101	0550-95-0309	112–114.5	Qbt 3	Lead	2.4	mg/kg	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Magnesium	116	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Manganese	185	mg/kg	J-
50-09101	0550-95-0309	112–114.5	Qbt 3	Mercury	0.05	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nickel	3.2	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Potassium	212	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Selenium	0.35	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Silver	0.95	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Sodium	146	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Thallium	0.19	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Vanadium	1.1	mg/kg	J
50-09101	0550-95-0309	112–114.5	Qbt 3	Zinc	22.5	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Aluminum	323	mg/kg	None
50-09102	0550-95-0004	16–19	Qbt 3	Antimony	0.4	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Arsenic	1.1	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Barium	9.5	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Beryllium	0.27	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Cadmium	0.04	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Calcium	169	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Chromium	0.47	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Cobalt	0.25	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0004	16–19	Qbt 3	Copper	1.4	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Cyanide (Total)	0.2	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Iron	4910	mg/kg	None
50-09102	0550-95-0004	16–19	Qbt 3	Lead	2.4	mg/kg	None
50-09102	0550-95-0004	16–19	Qbt 3	Magnesium	105	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Manganese	170	mg/kg	None
50-09102	0550-95-0004	16–19	Qbt 3	Mercury	0.05	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nickel	0.53	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Potassium	61.6	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Selenium	0.47	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Silver	0.11	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Sodium	63.2	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Thallium	0.51	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Vanadium	1.4	mg/kg	J
50-09102	0550-95-0004	16–19	Qbt 3	Zinc	26.6	mg/kg	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Aluminum	290	mg/kg	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Antimony	0.41	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Arsenic	0.64	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Barium	6.9	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Beryllium	0.02	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Cadmium	0.04	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Calcium	160	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Chromium	0.44	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Cobalt	0.38	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Copper	0.92	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Cyanide (Total)	0.2	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Iron	4900	mg/kg	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Lead	1.8	mg/kg	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Magnesium	85.3	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Manganese	140	mg/kg	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Mercury	0.05	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nickel	0.43	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Potassium	101	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Selenium	0.47	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Silver	0.11	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Sodium	68.8	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Thallium	0.52	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Vanadium	0.96	mg/kg	J
50-09102	0550-95-0009	37–40.9	Qbt 3	Zinc	28.9	mg/kg	None
50-09102	0550-95-0014	57–60	Qbt 3	Aluminum	686	mg/kg	None
50-09102	0550-95-0014	57–60	Qbt 3	Antimony	0.41	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0014	57–60	Qbt 3	Arsenic	0.84	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Barium	21.4	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Beryllium	0.02	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Cadmium	0.04	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Calcium	261	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Chromium	0.8	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Cobalt	0.51	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Copper	1.1	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Cyanide (Total)	0.2	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Iron	5370	mg/kg	None
50-09102	0550-95-0014	57–60	Qbt 3	Lead	3.6	mg/kg	None
50-09102	0550-95-0014	57–60	Qbt 3	Magnesium	136	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Manganese	175	mg/kg	None
50-09102	0550-95-0014	57–60	Qbt 3	Mercury	0.05	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nickel	0.69	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Potassium	129	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Selenium	0.47	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Silver	0.11	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Sodium	71.7	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Thallium	0.52	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Vanadium	1.4	mg/kg	J
50-09102	0550-95-0014	57–60	Qbt 3	Zinc	31.9	mg/kg	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Aluminum	588	mg/kg	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Antimony	5.8	mg/kg	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Arsenic	0.38	mg/kg	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Barium	10.2	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Beryllium	0.27	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Cadmium	0.62	mg/kg	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Calcium	243	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Chromium	1.3	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Cobalt	1.7	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Copper	1.7	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Iron	4810	mg/kg	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Lead	1.5	mg/kg	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Magnesium	134	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Manganese	181	mg/kg	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Mercury	0.05	mg/kg	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Nickel	1.6	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Potassium	488	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Selenium	0.32	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0019	73.2–76	Qbt 3	Silver	0.53	mg/kg	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Sodium	175	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Thallium	0.81	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Vanadium	2	mg/kg	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Zinc	51.4	mg/kg	None
50-09102	0550-95-0024	95–97	Qbt 3	Aluminum	356	mg/kg	None
50-09102	0550-95-0024	95–97	Qbt 3	Antimony	5.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Arsenic	0.38	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Barium	8.3	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Beryllium	0.27	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Cadmium	0.62	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Calcium	192	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Chromium	1.1	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Cobalt	1.1	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Copper	1.5	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Iron	4070	mg/kg	None
50-09102	0550-95-0024	95–97	Qbt 3	Lead	1	mg/kg	None
50-09102	0550-95-0024	95–97	Qbt 3	Magnesium	104	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Manganese	165	mg/kg	None
50-09102	0550-95-0024	95–97	Qbt 3	Mercury	0.05	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nickel	1.4	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Potassium	493	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Selenium	0.32	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Silver	0.6	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Sodium	148	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Thallium	0.42	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Vanadium	1.4	mg/kg	J
50-09102	0550-95-0024	95–97	Qbt 3	Zinc	30.3	mg/kg	None
50-09102	0550-95-0029	108–110	Qbt 3	Aluminum	255	mg/kg	None
50-09102	0550-95-0029	108–110	Qbt 3	Antimony	5.6	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Arsenic	0.37	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Barium	10	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Beryllium	0.27	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Cadmium	0.6	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Calcium	217	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Chromium	0.78	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Cobalt	1.8	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Copper	1.4	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Cyanide (Total)	0.52	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Iron	3190	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0029	108–110	Qbt 3	Lead	1.2	mg/kg	None
50-09102	0550-95-0029	108–110	Qbt 3	Magnesium	95.2	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Manganese	177	mg/kg	None
50-09102	0550-95-0029	108–110	Qbt 3	Mercury	0.05	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nickel	1.4	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Potassium	452	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Selenium	0.31	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Silver	0.52	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Sodium	158	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Thallium	0.52	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Vanadium	1.1	mg/kg	J
50-09102	0550-95-0029	108–110	Qbt 3	Zinc	28.4	mg/kg	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aluminum	228	mg/kg	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Antimony	0.69	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Arsenic	0.95	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Barium	6.5	mg/kg	J
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Beryllium	0.19	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Cadmium	0.04	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Calcium	188	mg/kg	J
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chromium	0.16	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Cobalt	0.22	mg/kg	J
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Copper	0.42	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Cyanide (Total)	0.51	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Iron	970	mg/kg	J
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Lead	0.68	mg/kg	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Magnesium	119	mg/kg	J
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Manganese	156	mg/kg	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Mercury	0.1	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nickel	0.95	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Potassium	123	mg/kg	J+
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Selenium	0.75	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Silver	0.16	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Sodium	81.6	mg/kg	J+
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Thallium	1.3	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Vanadium	0.55	mg/kg	J
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Zinc	31.2	mg/kg	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Aluminum	180	mg/kg	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Antimony	0.71	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Arsenic	0.98	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Barium	3.8	mg/kg	J
50-09103	0550-95-0109	36–38.8	Qbt 3	Beryllium	0.12	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0109	36–38.8	Qbt 3	Cadmium	0.04	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Calcium	217	mg/kg	J
50-09103	0550-95-0109	36–38.8	Qbt 3	Chromium	0.17	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Cobalt	0.19	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Copper	0.5	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Cyanide (Total)	0.52	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Iron	517	mg/kg	J
50-09103	0550-95-0109	36–38.8	Qbt 3	Lead	11.2	mg/kg	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Magnesium	60.8	mg/kg	J
50-09103	0550-95-0109	36–38.8	Qbt 3	Manganese	99.5	mg/kg	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Mercury	0.1	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nickel	0.23	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Potassium	95.8	mg/kg	J+
50-09103	0550-95-0109	36–38.8	Qbt 3	Selenium	0.77	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Silver	0.17	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Sodium	59.5	mg/kg	J+
50-09103	0550-95-0109	36–38.8	Qbt 3	Thallium	1.3	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Vanadium	0.55	mg/kg	J
50-09103	0550-95-0109	36–38.8	Qbt 3	Zinc	21.3	mg/kg	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Aluminum	754	mg/kg	J
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Antimony	3.5	mg/kg	UJ
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Arsenic	2	mg/kg	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Barium	2.8	mg/kg	J
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Beryllium	0.11	mg/kg	J
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Cadmium	0.21	mg/kg	J
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Calcium	221	mg/kg	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Chromium	0.38	mg/kg	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Cobalt	0.63	mg/kg	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Copper	1.7	mg/kg	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Iron	569	mg/kg	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Lead	16.2	mg/kg	J-
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Magnesium	70.6	mg/kg	J
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Manganese	74	mg/kg	J
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Nickel	0.79	mg/kg	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Potassium	354	mg/kg	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Selenium	0.24	mg/kg	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Silver	0.11	mg/kg	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Sodium	319	mg/kg	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Thallium	0.21	mg/kg	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Vanadium	0.65	mg/kg	J
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Zinc	22.6	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0114	56–58.8	Qbt 3	Aluminum	3180	mg/kg	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Antimony	0.75	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Arsenic	1.1	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Barium	21	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Beryllium	0.53	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Cadmium	0.04	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Calcium	533	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Chromium	2.1	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Cobalt	0.46	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Copper	2	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Cyanide (Total)	0.55	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Iron	2660	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Lead	4.8	mg/kg	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Magnesium	401	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Manganese	145	mg/kg	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Mercury	0.1	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nickel	2.2	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Potassium	416	mg/kg	J+
50-09103	0550-95-0114	56–58.8	Qbt 3	Selenium	0.82	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Silver	0.18	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Sodium	62.7	mg/kg	J+
50-09103	0550-95-0114	56–58.8	Qbt 3	Thallium	1.4	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Vanadium	2.9	mg/kg	J
50-09103	0550-95-0114	56–58.8	Qbt 3	Zinc	25	mg/kg	None
50-09103	0550-95-0119	78–80	Qbt 3	Aluminum	3620	mg/kg	None
50-09103	0550-95-0119	78–80	Qbt 3	Antimony	0.75	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Arsenic	1.5	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Barium	18.1	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Beryllium	1.1	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Cadmium	0.04	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Calcium	717	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Chromium	1.3	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Cobalt	0.45	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Copper	2	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Cyanide (Total)	0.55	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Iron	2820	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Lead	7.2	mg/kg	None
50-09103	0550-95-0119	78–80	Qbt 3	Magnesium	504	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Manganese	123	mg/kg	None
50-09103	0550-95-0119	78–80	Qbt 3	Mercury	0.1	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nickel	1.4	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0119	78–80	Qbt 3	Potassium	455	mg/kg	J+
50-09103	0550-95-0119	78–80	Qbt 3	Selenium	0.82	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Silver	0.18	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Sodium	105	mg/kg	J+
50-09103	0550-95-0119	78–80	Qbt 3	Thallium	1.4	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Vanadium	3	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Zinc	21.2	mg/kg	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Aluminum	411	mg/kg	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Antimony	0.72	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Arsenic	0.99	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Barium	8.2	mg/kg	J
50-09103	0550-95-0124	94.7–98	Qbt 3	Beryllium	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Cadmium	0.04	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Calcium	247	mg/kg	J
50-09103	0550-95-0124	94.7–98	Qbt 3	Chromium	0.17	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Cobalt	0.19	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Copper	0.6	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Iron	887	mg/kg	J
50-09103	0550-95-0124	94.7–98	Qbt 3	Lead	0.95	mg/kg	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Magnesium	116	mg/kg	J
50-09103	0550-95-0124	94.7–98	Qbt 3	Manganese	108	mg/kg	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Mercury	0.1	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nickel	0.21	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Potassium	131	mg/kg	J+
50-09103	0550-95-0124	94.7–98	Qbt 3	Selenium	0.78	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Silver	0.17	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Sodium	113	mg/kg	J+
50-09103	0550-95-0124	94.7–98	Qbt 3	Thallium	1.3	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Vanadium	0.8	mg/kg	J
50-09103	0550-95-0124	94.7–98	Qbt 3	Zinc	12.4	mg/kg	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aluminum	261	mg/kg	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Antimony	0.71	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Arsenic	1.6	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Barium	10	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Beryllium	0.16	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Cadmium	0.04	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Calcium	298	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chromium	0.17	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Cobalt	0.19	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Copper	1	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Iron	3260	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Lead	4.4	mg/kg	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Magnesium	102	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Manganese	144	mg/kg	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Mercury	0.09	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nickel	0.21	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Potassium	93.3	mg/kg	J+
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Selenium	0.78	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Silver	0.17	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Sodium	76.8	mg/kg	J+
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Thallium	1.3	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Vanadium	0.92	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Zinc	21.6	mg/kg	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aluminum	225	mg/kg	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Arsenic	0.37	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Barium	8.7	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Beryllium	0.15	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Cadmium	0.38	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Calcium	204	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chromium	0.32	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Cobalt	0.43	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Copper	0.57	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Cyanide (Total)	0.22	mg/kg	J-
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Iron	4580	mg/kg	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Lead	1.4	mg/kg	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Magnesium	112	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Manganese	174	mg/kg	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Mercury	0.02	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nickel	0.96	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Potassium	95.7	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Selenium	0.21	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Silver	0.43	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Sodium	139	mg/kg	J
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Thallium	0.11	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Vanadium	1.4	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Zinc	27.8	mg/kg	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Aluminum	784	mg/kg	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Arsenic	0.52	mg/kg	J
50-09104	0550-95-0079	26.3–28	Qbt 3	Barium	12.5	mg/kg	J
50-09104	0550-95-0079	26.3–28	Qbt 3	Beryllium	0.43	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0079	26.3–28	Qbt 3	Cadmium	0.27	mg/kg	J
50-09104	0550-95-0079	26.3–28	Qbt 3	Calcium	336	mg/kg	J
50-09104	0550-95-0079	26.3–28	Qbt 3	Chromium	0.76	mg/kg	J
50-09104	0550-95-0079	26.3–28	Qbt 3	Cobalt	0.46	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Copper	0.56	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Cyanide (Total)	0.23	mg/kg	J-
50-09104	0550-95-0079	26.3–28	Qbt 3	Iron	3260	mg/kg	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Lead	13.8	mg/kg	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Magnesium	166	mg/kg	J
50-09104	0550-95-0079	26.3–28	Qbt 3	Manganese	242	mg/kg	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Mercury	0.02	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nickel	2.3	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Potassium	99.6	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Selenium	0.22	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Silver	0.44	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Sodium	150	mg/kg	J
50-09104	0550-95-0079	26.3–28	Qbt 3	Thallium	0.38	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Vanadium	1.6	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Zinc	23.6	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aluminum	4430	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Arsenic	0.76	mg/kg	J
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Barium	22	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Beryllium	1.3	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Cadmium	0.26	mg/kg	J
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Calcium	1060	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chromium	2.2	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Cobalt	0.65	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Copper	5	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Iron	5680	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Lead	50.3	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Magnesium	750	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Manganese	70	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Mercury	0.02	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nickel	2.7	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Potassium	699	mg/kg	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Selenium	0.22	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Silver	0.44	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Sodium	238	mg/kg	J
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Thallium	0.74	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Vanadium	3.6	mg/kg	J
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Zinc	20.6	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Aluminum	802	mg/kg	J
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Antimony	3.60	mg/kg	UJ
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Arsenic	3.2	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Barium	18.9	mg/kg	J
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Beryllium	0.73	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Cadmium	0.28	mg/kg	J
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Calcium	282	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Chromium	0.38	mg/kg	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Cobalt	0.75	mg/kg	J
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Copper	2.1	mg/kg	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Iron	5450	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Lead	4.2	mg/kg	J-
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Magnesium	121	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Manganese	228	mg/kg	J
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Nickel	0.87	mg/kg	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Potassium	210	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Selenium	1.1	mg/kg	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Silver	0.11	mg/kg	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Sodium	186	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Thallium	1.2	mg/kg	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Vanadium	4.6	mg/kg	J
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Zinc	24.1	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Aluminum	350	mg/kg	None
50-09104	0550-95-0087	58–60	Qbt 3	Arsenic	0.32	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Barium	13	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Beryllium	0.17	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Cadmium	0.45	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Calcium	263	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Chromium	0.53	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Cobalt	0.42	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Copper	0.53	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Cyanide (Total)	0.25	mg/kg	J-
50-09104	0550-95-0087	58–60	Qbt 3	Iron	5430	mg/kg	None
50-09104	0550-95-0087	58–60	Qbt 3	Lead	2.4	mg/kg	None
50-09104	0550-95-0087	58–60	Qbt 3	Magnesium	104	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Manganese	199	mg/kg	None
50-09104	0550-95-0087	58–60	Qbt 3	Mercury	0.02	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nickel	0.83	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Potassium	117	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Selenium	0.21	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Silver	0.42	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0087	58–60	Qbt 3	Sodium	180	mg/kg	J
50-09104	0550-95-0087	58–60	Qbt 3	Thallium	0.17	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Vanadium	1	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Zinc	28.2	mg/kg	None
50-09104	0550-95-0095	79–81	Qbt 3	Aluminum	360	mg/kg	None
50-09104	0550-95-0095	79–81	Qbt 3	Arsenic	0.33	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Barium	13.2	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Beryllium	0.18	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Cadmium	0.28	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Calcium	276	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Chromium	0.33	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Cobalt	0.55	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Copper	0.78	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Cyanide (Total)	0.3	mg/kg	J-
50-09104	0550-95-0095	79–81	Qbt 3	Iron	4730	mg/kg	None
50-09104	0550-95-0095	79–81	Qbt 3	Lead	2.8	mg/kg	None
50-09104	0550-95-0095	79–81	Qbt 3	Magnesium	198	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Manganese	180	mg/kg	None
50-09104	0550-95-0095	79–81	Qbt 3	Mercury	0.02	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nickel	0.66	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Potassium	214	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Selenium	0.22	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Silver	0.44	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Sodium	175	mg/kg	J
50-09104	0550-95-0095	79–81	Qbt 3	Thallium	0.11	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Vanadium	0.95	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Zinc	28.5	mg/kg	None
50-09104	0550-95-0099	85–87	Qbt 3	Aluminum	370	mg/kg	None
50-09104	0550-95-0099	85–87	Qbt 3	Arsenic	0.33	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Barium	16.5	mg/kg	J
50-09104	0550-95-0099	85–87	Qbt 3	Beryllium	0.15	mg/kg	J
50-09104	0550-95-0099	85–87	Qbt 3	Cadmium	0.4	mg/kg	J
50-09104	0550-95-0099	85–87	Qbt 3	Calcium	353	mg/kg	J
50-09104	0550-95-0099	85–87	Qbt 3	Chromium	0.33	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Cobalt	0.44	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Copper	0.55	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Cyanide (Total)	0.26	mg/kg	J-
50-09104	0550-95-0099	85–87	Qbt 3	Iron	4580	mg/kg	None
50-09104	0550-95-0099	85–87	Qbt 3	Lead	2.9	mg/kg	None
50-09104	0550-95-0099	85–87	Qbt 3	Magnesium	161	mg/kg	J
50-09104	0550-95-0099	85–87	Qbt 3	Manganese	220	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0099	85–87	Qbt 3	Mercury	0.02	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nickel	0.66	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Potassium	143	mg/kg	J
50-09104	0550-95-0099	85–87	Qbt 3	Selenium	0.22	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Silver	0.44	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Sodium	137	mg/kg	J
50-09104	0550-95-0099	85–87	Qbt 3	Thallium	0.13	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Vanadium	0.94	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Zinc	29.5	mg/kg	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aluminum	214	mg/kg	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Antimony	0.72	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Arsenic	1	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Barium	7.5	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Beryllium	0.18	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Cadmium	0.04	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Calcium	191	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chromium	0.17	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Cobalt	0.19	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Copper	0.75	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Iron	2620	mg/kg	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Lead	1.8	mg/kg	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Magnesium	161	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Manganese	166	mg/kg	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Mercury	0.1	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nickel	0.45	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Potassium	114	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Selenium	0.79	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Silver	0.17	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Sodium	79.5	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Thallium	1.3	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Vanadium	0.44	mg/kg	J
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Zinc	36.1	mg/kg	None
50-09105	0550-95-0140	35–38	Qbt 3	Aluminum	262	mg/kg	None
50-09105	0550-95-0140	35–38	Qbt 3	Antimony	0.69	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Arsenic	0.95	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Barium	7.3	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Beryllium	0.07	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Cadmium	0.04	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Calcium	163	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Chromium	0.16	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Cobalt	0.18	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0140	35–38	Qbt 3	Copper	1.4	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Iron	1640	mg/kg	None
50-09105	0550-95-0140	35–38	Qbt 3	Lead	6.9	mg/kg	None
50-09105	0550-95-0140	35–38	Qbt 3	Magnesium	109	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Manganese	145	mg/kg	None
50-09105	0550-95-0140	35–38	Qbt 3	Mercury	0.09	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nickel	0.27	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Potassium	101	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Selenium	0.75	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Silver	0.16	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Sodium	80.3	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Thallium	1.2	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Vanadium	0.67	mg/kg	J
50-09105	0550-95-0140	35–38	Qbt 3	Zinc	21.4	mg/kg	None
50-09105	0550-95-0145	57–59	Qbt 3	Aluminum	453	mg/kg	None
50-09105	0550-95-0145	57–59	Qbt 3	Antimony	0.72	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Arsenic	1	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Barium	8.8	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Beryllium	0.06	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Cadmium	0.1	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Calcium	362	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Chromium	0.17	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Cobalt	0.19	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Copper	1	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Iron	3790	mg/kg	None
50-09105	0550-95-0145	57–59	Qbt 3	Lead	4	mg/kg	None
50-09105	0550-95-0145	57–59	Qbt 3	Magnesium	145	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Manganese	145	mg/kg	None
50-09105	0550-95-0145	57–59	Qbt 3	Mercury	0.1	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nickel	0.21	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Potassium	79.6	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Selenium	0.78	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Silver	0.17	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Sodium	70	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Thallium	1.3	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Vanadium	1.2	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Zinc	20.7	mg/kg	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Aluminum	1040	mg/kg	J
50-09105	0550-96-0106	62.1–63	Qbt 3	Antimony	3.4	mg/kg	UJ
50-09105	0550-96-0106	62.1–63	Qbt 3	Arsenic	3	mg/kg	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Barium	10.4	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-96-0106	62.1–63	Qbt 3	Beryllium	0.27	mg/kg	J
50-09105	0550-96-0106	62.1–63	Qbt 3	Cadmium	0.28	mg/kg	J
50-09105	0550-96-0106	62.1–63	Qbt 3	Calcium	362	mg/kg	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Chromium	0.38	mg/kg	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Cobalt	0.63	mg/kg	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Copper	1.2	mg/kg	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Iron	4760	mg/kg	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Lead	4.8	mg/kg	J-
50-09105	0550-96-0106	62.1–63	Qbt 3	Magnesium	157	mg/kg	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Manganese	204	mg/kg	J
50-09105	0550-96-0106	62.1–63	Qbt 3	Nickel	1.1	mg/kg	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Potassium	335	mg/kg	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Selenium	0.88	mg/kg	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Silver	0.1	mg/kg	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Sodium	294	mg/kg	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Thallium	0.22	mg/kg	J
50-09105	0550-96-0106	62.1–63	Qbt 3	Vanadium	2	mg/kg	J
50-09105	0550-96-0106	62.1–63	Qbt 3	Zinc	27.1	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Aluminum	316	mg/kg	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Antimony	0.68	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Arsenic	0.94	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Barium	8.9	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Beryllium	0.04	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Cadmium	0.08	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Calcium	399	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Chromium	0.16	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Cobalt	0.18	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Copper	1.6	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Iron	3240	mg/kg	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Lead	2.2	mg/kg	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Magnesium	108	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Manganese	143	mg/kg	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Mercury	0.11	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nickel	0.2	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Potassium	113	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Selenium	0.74	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Silver	0.16	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Sodium	88.6	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Thallium	1.2	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Vanadium	0.93	mg/kg	J
50-09105	0550-95-0150	77–79.7	Qbt 3	Zinc	19.5	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0155	97–99.8	Qbt 3	Aluminum	594	mg/kg	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Antimony	0.7	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Arsenic	0.97	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Barium	8.4	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Beryllium	0.11	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Cadmium	0.1	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Calcium	269	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Chromium	0.16	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Cobalt	0.18	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Copper	0.92	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Iron	4650	mg/kg	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Lead	1.8	mg/kg	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Magnesium	167	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Manganese	184	mg/kg	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Mercury	0.09	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nickel	0.21	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Potassium	153	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Selenium	0.76	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Silver	0.16	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Sodium	81.5	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Thallium	1.3	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Vanadium	1.5	mg/kg	J
50-09105	0550-95-0155	97–99.8	Qbt 3	Zinc	28.1	mg/kg	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Aluminum	412	mg/kg	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Antimony	0.7	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Arsenic	0.96	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Barium	9.9	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Beryllium	0.18	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Cadmium	0.18	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Calcium	233	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Chromium	0.16	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Cobalt	0.18	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Copper	1.1	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Cyanide (Total)	0.51	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Iron	4370	mg/kg	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Lead	2.8	mg/kg	J-
50-09105	0550-95-0160	117.7–120	Qbt 3	Magnesium	141	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Manganese	177	mg/kg	J-
50-09105	0550-95-0160	117.7–120	Qbt 3	Mercury	0.1	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nickel	0.2	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Potassium	134	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0160	117.7–120	Qbt 3	Selenium	0.76	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Silver	0.16	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Sodium	86.3	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Thallium	1.3	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Vanadium	1.2	mg/kg	J
50-09105	0550-95-0160	117.7–120	Qbt 3	Zinc	28.8	mg/kg	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aluminum	4650	mg/kg	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Antimony	0.77	mg/kg	UJ
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Arsenic	9.8	mg/kg	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Barium	33.9	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Beryllium	1.2	mg/kg	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Cadmium	0.05	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Calcium	1220	mg/kg	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chromium	2.5	mg/kg	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Cobalt	0.91	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Copper	3.60	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Cyanide (Total)	0.574	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Iron	3880	mg/kg	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Lead	51.1	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Magnesium	1010	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Manganese	228	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Mercury	0.11	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nickel	4.4	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Potassium	681	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Selenium	0.84	mg/kg	UJ
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Silver	0.18	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Sodium	229	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Thallium	1.4	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Vanadium	5.1	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Zinc	25.1	mg/kg	None
50-09106	0550-95-0050	41–44	Qbt 3	Aluminum	566	mg/kg	None
50-09106	0550-95-0050	41–44	Qbt 3	Antimony	0.70	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Arsenic	0.97	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Barium	10.6	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Beryllium	0.23	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Cadmium	0.04	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Calcium	229	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Chromium	0.62	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Cobalt	0.22	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Copper	0.99	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Cyanide (Total)	0.53	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0050	41–44	Qbt 3	Iron	2610	mg/kg	None
50-09106	0550-95-0050	41–44	Qbt 3	Lead	9.9	mg/kg	None
50-09106	0550-95-0050	41–44	Qbt 3	Magnesium	146	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Manganese	182	mg/kg	None
50-09106	0550-95-0050	41–44	Qbt 3	Mercury	0.1	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nickel	0.78	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Potassium	104	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Selenium	0.77	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Silver	0.17	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Sodium	94	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Thallium	1.3	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Vanadium	0.92	mg/kg	J
50-09106	0550-95-0050	41–44	Qbt 3	Zinc	25.1	mg/kg	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aluminum	1280	mg/kg	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Antimony	0.65	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Arsenic	0.9	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Barium	15.4	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Beryllium	0.74	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Cadmium	0.04	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Calcium	370	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chromium	1.2	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Cobalt	0.59	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Copper	3	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Cyanide (Total)	0.52	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Iron	3050	mg/kg	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Lead	1.8	mg/kg	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Magnesium	247	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Manganese	185	mg/kg	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Mercury	0.1	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nickel	2.6	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Potassium	194	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Selenium	0.71	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Silver	0.16	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Sodium	86.3	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Thallium	1.2	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Vanadium	1.6	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Zinc	24.2	mg/kg	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Aluminum	630	mg/kg	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Antimony	0.68	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Arsenic	0.93	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Barium	12.9	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0058	70.5–73	Qbt 3	Beryllium	0.06	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Cadmium	0.04	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Calcium	279	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Chromium	0.9	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Cobalt	0.57	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Copper	0.73	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Cyanide (Total)	0.51	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Iron	607	mg/kg	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Lead	2	mg/kg	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Magnesium	165	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Manganese	179	mg/kg	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Mercury	0.1	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nickel	0.95	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Potassium	140	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Selenium	0.74	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Silver	0.16	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Sodium	89.6	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Thallium	1.2	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Vanadium	2	mg/kg	J
50-09106	0550-95-0058	70.5–73	Qbt 3	Zinc	27.7	mg/kg	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Aluminum	475	mg/kg	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Antimony	0.68	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Arsenic	0.93	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Barium	11.2	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Beryllium	0.15	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Cadmium	0.04	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Calcium	236	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Chromium	0.66	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Cobalt	0.39	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Copper	0.75	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Cyanide (Total)	0.51	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Iron	6010	mg/kg	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Lead	2	mg/kg	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Magnesium	143	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Manganese	188	mg/kg	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Mercury	0.1	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nickel	0.76	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Potassium	176	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Selenium	0.74	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Silver	0.16	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Sodium	103	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0063	86–88.5	Qbt 3	Thallium	1.2	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Vanadium	1.8	mg/kg	J
50-09106	0550-95-0063	86–88.5	Qbt 3	Zinc	35.4	mg/kg	None
50-09106	0550-95-0067	102–104	Qbt 3	Aluminum	1110	mg/kg	None
50-09106	0550-95-0067	102–104	Qbt 3	Antimony	0.86	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Arsenic	0.95	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Barium	12.9	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Beryllium	0.36	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Cadmium	0.04	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Calcium	245	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Chromium	0.92	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Cobalt	0.39	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Copper	0.93	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Cyanide (Total)	0.51	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Iron	5130	mg/kg	None
50-09106	0550-95-0067	102–104	Qbt 3	Lead	2.4	mg/kg	None
50-09106	0550-95-0067	102–104	Qbt 3	Magnesium	149	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Manganese	143	mg/kg	None
50-09106	0550-95-0067	102–104	Qbt 3	Mercury	0.1	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nickel	0.84	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Potassium	194	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Selenium	0.74	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Silver	0.16	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Sodium	117	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Thallium	1.2	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Vanadium	1.7	mg/kg	J
50-09106	0550-95-0067	102–104	Qbt 3	Zinc	30.8	mg/kg	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Aluminum	454	mg/kg	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Antimony	0.65	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Arsenic	0.9	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Barium	11.3	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Beryllium	0.23	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Cadmium	0.04	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Calcium	303	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Chromium	0.39	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Cobalt	0.24	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Copper	1.1	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Cyanide (Total)	0.5	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Iron	2460	mg/kg	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Lead	10.3	mg/kg	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Magnesium	204	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0071	115.5–118	Qbt 3	Manganese	191	mg/kg	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Mercury	0.1	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nickel	0.78	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Potassium	89	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Selenium	0.71	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Silver	0.15	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Sodium	79.3	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Thallium	1.2	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Vanadium	1.7	mg/kg	J
50-09106	0550-95-0071	115.5–118	Qbt 3	Zinc	24.4	mg/kg	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Aluminum	400	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Antimony	0.1	mg/kg	UJ
50-09107	0550-95-0166	14–15.8	Qbt 3	Arsenic	0.6	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Barium	15.8	mg/kg	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Beryllium	0.24	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Cadmium	0.21	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Calcium	297	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Chromium	0.31	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Cobalt	0.42	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Copper	0.52	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Cyanide (Total)	0.37	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Iron	4540	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Lead	1.9	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Magnesium	189	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Manganese	209	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Mercury	0.02	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nickel	1.7	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Potassium	187	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Selenium	0.21	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Silver	0.42	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Sodium	131	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Thallium	0.1	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Vanadium	0.9	mg/kg	J
50-09107	0550-95-0166	14–15.8	Qbt 3	Zinc	23.1	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Aluminum	1630	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Antimony	0.1	mg/kg	UJ
50-09107	0550-95-0171	36–39	Qbt 3	Arsenic	0.56	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Barium	29.5	mg/kg	None
50-09107	0550-95-0171	36–39	Qbt 3	Beryllium	0.35	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Cadmium	0.2	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Calcium	433	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0171	36–39	Qbt 3	Chromium	1.2	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Cobalt	0.43	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Copper	1.7	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Cyanide (Total)	0.4	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Iron	5210	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Lead	2.5	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Magnesium	284	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Manganese	267	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Mercury	0.02	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nickel	1.9	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Potassium	219	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Selenium	0.2	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Silver	0.41	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Sodium	164	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Thallium	0.1	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Vanadium	2.9	mg/kg	J
50-09107	0550-95-0171	36–39	Qbt 3	Zinc	23.9	mg/kg	J
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Aluminum	1030	mg/kg	J
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Antimony	3.3	mg/kg	UJ
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Arsenic	2.8	mg/kg	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Barium	12.3	mg/kg	J
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Beryllium	0.29	mg/kg	J
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Cadmium	0.27	mg/kg	J
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Calcium	246	mg/kg	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Chromium	0.71	mg/kg	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Cobalt	0.61	mg/kg	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Copper	1.1	mg/kg	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Iron	5410	mg/kg	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Lead	3.6	mg/kg	J-
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Magnesium	145	mg/kg	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Manganese	190	mg/kg	J
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Nickel	0.68	mg/kg	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Potassium	290	mg/kg	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Selenium	1.1	mg/kg	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Silver	0.1	mg/kg	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Sodium	241	mg/kg	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Thallium	0.2	mg/kg	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Vanadium	2.2	mg/kg	J
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Zinc	30.2	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Aluminum	652	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Antimony	0.1	mg/kg	UJ

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0176	57–59	Qbt 3	Arsenic	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Barium	10.6	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Beryllium	0.26	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Cadmium	0.2	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Calcium	322	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Chromium	0.36	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Cobalt	0.5	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Copper	0.81	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Cyanide (Total)	0.33	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Iron	4920	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Lead	5.5	mg/kg	None
50-09107	0550-95-0176	57–59	Qbt 3	Magnesium	160	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Manganese	187	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Mercury	0.02	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nickel	1	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Potassium	171	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Selenium	0.2	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Silver	0.41	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Sodium	128	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Thallium	0.1	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Vanadium	1.9	mg/kg	J
50-09107	0550-95-0176	57–59	Qbt 3	Zinc	26.9	mg/kg	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Aluminum	1110	mg/kg	J
50-09107	0550-96-0108	66.2–67	Qbt 3	Antimony	3.4	mg/kg	UJ
50-09107	0550-96-0108	66.2–67	Qbt 3	Arsenic	2.6	mg/kg	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Barium	17.6	mg/kg	J
50-09107	0550-96-0108	66.2–67	Qbt 3	Beryllium	0.35	mg/kg	J
50-09107	0550-96-0108	66.2–67	Qbt 3	Cadmium	0.3	mg/kg	J
50-09107	0550-96-0108	66.2–67	Qbt 3	Calcium	269	mg/kg	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Chromium	0.58	mg/kg	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Cobalt	0.62	mg/kg	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Copper	0.89	mg/kg	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Iron	5630	mg/kg	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Lead	4.8	mg/kg	J-
50-09107	0550-96-0108	66.2–67	Qbt 3	Magnesium	150	mg/kg	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Manganese	232	mg/kg	J
50-09107	0550-96-0108	66.2–67	Qbt 3	Nickel	1.1	mg/kg	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Potassium	390	mg/kg	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Selenium	0.95	mg/kg	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Silver	0.1	mg/kg	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Sodium	319	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-96-0108	66.2–67	Qbt 3	Thallium	0.25	mg/kg	J
50-09107	0550-96-0108	66.2–67	Qbt 3	Vanadium	2.1	mg/kg	J
50-09107	0550-96-0108	66.2–67	Qbt 3	Zinc	29.6	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Aluminum	570	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Antimony	0.11	mg/kg	UJ
50-09107	0550-95-0181	75–78.6	Qbt 3	Arsenic	0.45	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Barium	15.5	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Beryllium	0.35	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Cadmium	0.21	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Calcium	295	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Chromium	0.32	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Cobalt	0.42	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Copper	0.73	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Cyanide (Total)	0.31	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Iron	5540	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Lead	2.9	mg/kg	None
50-09107	0550-95-0181	75–78.6	Qbt 3	Magnesium	210	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Manganese	216	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Mercury	0.02	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nickel	0.63	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Potassium	285	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Selenium	0.21	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Silver	0.42	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Sodium	222	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Thallium	0.11	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Vanadium	1.7	mg/kg	J
50-09107	0550-95-0181	75–78.6	Qbt 3	Zinc	30.5	mg/kg	None
50-09107	0550-95-0186	95–97	Qbt 3	Aluminum	866	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Antimony	0.11	mg/kg	UJ
50-09107	0550-95-0186	95–97	Qbt 3	Arsenic	0.61	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Barium	14.3	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Beryllium	0.49	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Cadmium	0.29	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Calcium	278	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Chromium	0.32	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Cobalt	0.65	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Copper	0.53	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Cyanide (Total)	0.34	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Iron	5350	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Lead	4	mg/kg	None
50-09107	0550-95-0186	95–97	Qbt 3	Magnesium	146	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0186	95–97	Qbt 3	Manganese	242	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Mercury	0.02	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nickel	0.63	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Potassium	148	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Selenium	0.22	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Silver	0.42	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Sodium	161	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Thallium	0.11	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Vanadium	1.4	mg/kg	J
50-09107	0550-95-0186	95–97	Qbt 3	Zinc	32	mg/kg	None
50-09107	0550-95-0191	108–111	Qbt 3	Aluminum	527	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Antimony	0.1	mg/kg	UJ
50-09107	0550-95-0191	108–111	Qbt 3	Arsenic	0.64	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Barium	13.6	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Beryllium	0.61	mg/kg	None
50-09107	0550-95-0191	108–111	Qbt 3	Cadmium	0.37	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Calcium	259	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Chromium	0.31	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Cobalt	0.41	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Copper	0.52	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Cyanide (Total)	0.37	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Iron	5290	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Lead	2.2	mg/kg	None
50-09107	0550-95-0191	108–111	Qbt 3	Magnesium	118	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Manganese	249	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Mercury	0.02	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nickel	0.62	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Potassium	136	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Selenium	0.21	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Silver	0.41	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Sodium	132	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Thallium	0.1	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Vanadium	1.6	mg/kg	J
50-09107	0550-95-0191	108–111	Qbt 3	Zinc	31.7	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Aluminum	3500	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Antimony	11	mg/kg	UJ
50-09108	0550-95-0195	15–16.8	Qbt 3	Arsenic	0.74	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Barium	16	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Beryllium	0.53	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Cadmium	0.53	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Calcium	710	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0195	15–16.8	Qbt 3	Chromium	2.1	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Cobalt	1.1	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Copper	1.1	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Iron	5400	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Lead	65	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Magnesium	750	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Manganese	160	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Mercury	0.11	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nickel	3.2	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Potassium	540	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Selenium	0.21	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Silver	2.1	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Sodium	140	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Thallium	0.43	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Vanadium	3.3	mg/kg	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Zinc	54	mg/kg	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Aluminum	702	mg/kg	J
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Antimony	3.4	mg/kg	UJ
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Arsenic	2.3	mg/kg	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Barium	7.3	mg/kg	J
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Beryllium	0.17	mg/kg	J
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Cadmium	0.11	mg/kg	J
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Calcium	179	mg/kg	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Chromium	0.21	mg/kg	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Cobalt	0.62	mg/kg	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Copper	0.62	mg/kg	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Iron	3810	mg/kg	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Lead	3.7	mg/kg	J-
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Magnesium	133	mg/kg	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Manganese	161	mg/kg	J
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Nickel	1.2	mg/kg	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Potassium	289	mg/kg	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Selenium	0.53	mg/kg	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Silver	0.1	mg/kg	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Sodium	227	mg/kg	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Thallium	0.21	mg/kg	J
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Vanadium	0.86	mg/kg	J
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Zinc	30.6	mg/kg	J
50-09108	0550-95-0200	37–38.6	Qbt 3	Aluminum	3900	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Antimony	11	mg/kg	UJ

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0200	37–38.6	Qbt 3	Arsenic	0.65	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Barium	19	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Beryllium	0.54	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Cadmium	0.54	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Calcium	600	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Chromium	2.2	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Cobalt	1.1	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Copper	2.2	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Cyanide (Total)	0.54	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Iron	6100	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Lead	22	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Magnesium	450	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Manganese	120	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Mercury	0.11	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nickel	2.2	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Potassium	400	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Selenium	0.22	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Silver	2.2	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Sodium	150	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Thallium	0.27	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Vanadium	3.2	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Zinc	32	mg/kg	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Aluminum	706	mg/kg	J
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Antimony	3.3	mg/kg	UJ
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Arsenic	2	mg/kg	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Barium	13.9	mg/kg	J
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Beryllium	0.17	mg/kg	J
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Cadmium	0.14	mg/kg	J
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Calcium	244	mg/kg	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Chromium	0.28	mg/kg	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Cobalt	0.6	mg/kg	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Copper	0.6	mg/kg	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Iron	4840	mg/kg	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Lead	2.3	mg/kg	J-
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Magnesium	186	mg/kg	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Manganese	200	mg/kg	J
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Nickel	0.82	mg/kg	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Potassium	244	mg/kg	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Selenium	0.85	mg/kg	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Silver	0.1	mg/kg	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Sodium	192	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Thallium	0.37	mg/kg	J
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Vanadium	1.4	mg/kg	J
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Zinc	28.3	mg/kg	J
50-09108	0550-95-0205	57–59	Qbt 3	Aluminum	290	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Antimony	10	mg/kg	UJ
50-09108	0550-95-0205	57–59	Qbt 3	Arsenic	0.31	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Barium	11	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Beryllium	0.51	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Cadmium	0.51	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Calcium	300	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Chromium	2	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Cobalt	1	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Copper	1	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Cyanide (Total)	0.51	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Iron	3300	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Lead	3.6	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Magnesium	110	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Manganese	150	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Mercury	0.1	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nickel	2	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Potassium	55	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Selenium	0.2	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Silver	2	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Sodium	89	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Thallium	0.26	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Vanadium	0.82	mg/kg	None
50-09108	0550-95-0205	57–59	Qbt 3	Zinc	20	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aluminum	290	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Antimony	10	mg/kg	UJ
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Arsenic	0.31	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Barium	9	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Beryllium	0.52	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Cadmium	0.52	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Calcium	300	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chromium	2.1	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Cobalt	1	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Copper	2.1	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Cyanide (Total)	0.52	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Iron	3400	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Lead	0.72	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Magnesium	110	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Manganese	150	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Mercury	0.1	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nickel	2.1	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Potassium	90	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Selenium	0.21	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Silver	2.1	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Sodium	110	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Thallium	0.26	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Vanadium	0.73	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Zinc	23	mg/kg	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aluminum	417	mg/kg	J
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Antimony	5.7	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Arsenic	0.44	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Barium	11.7	mg/kg	J
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Beryllium	0.3	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Cadmium	0.82	mg/kg	J
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Calcium	291	mg/kg	J
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chromium	1.2	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Cobalt	0.61	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Copper	0.71	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Cyanide (Total)	1	mg/kg	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Iron	3080	mg/kg	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Lead	9	mg/kg	J-
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Magnesium	139	mg/kg	J
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Manganese	144	mg/kg	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Mercury	0.05	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nickel	1.4	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Potassium	136	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Selenium	0.21	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Silver	0.53	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Sodium	177	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Thallium	0.42	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Vanadium	2.5	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Zinc	17.8	mg/kg	None
50-09108	0550-95-0220	112–115	Qbt 3	Aluminum	322	mg/kg	J
50-09108	0550-95-0220	112–115	Qbt 3	Antimony	5.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Arsenic	0.21	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Barium	10.2	mg/kg	J
50-09108	0550-95-0220	112–115	Qbt 3	Beryllium	0.62	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Cadmium	0.62	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Calcium	228	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0220	112–115	Qbt 3	Chromium	0.57	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Cobalt	0.62	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Copper	1.3	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Cyanide (Total)	0.0005	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Iron	2440	mg/kg	None
50-09108	0550-95-0220	112–115	Qbt 3	Lead	3.7	mg/kg	J-
50-09108	0550-95-0220	112–115	Qbt 3	Magnesium	88.1	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Manganese	161	mg/kg	None
50-09108	0550-95-0220	112–115	Qbt 3	Mercury	0.05	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nickel	1.4	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Potassium	121	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Selenium	0.21	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Silver	0.69	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Sodium	181	mg/kg	J
50-09108	0550-95-0220	112–115	Qbt 3	Thallium	0.43	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Vanadium	1.4	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Zinc	17.8	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aluminum	680	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Antimony	11	mg/kg	UJ
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Arsenic	0.83	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Barium	16	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Beryllium	0.54	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Cadmium	0.54	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Calcium	350	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chromium	1.1	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Cobalt	1.1	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Copper	1.1	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Cyanide (Total)	0.54	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Iron	3300	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Lead	9.6	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Magnesium	130	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Manganese	160	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Mercury	0.11	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nickel	2.2	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Potassium	120	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Selenium	0.22	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Silver	2.2	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Sodium	80	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Thallium	0.27	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Vanadium	1.4	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Zinc	18	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0231	34.1–36	Qbt 3	Aluminum	2000	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Antimony	11	mg/kg	J-
50-09109	0550-95-0231	34.1–36	Qbt 3	Arsenic	1	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Barium	100	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Beryllium	0.54	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Cadmium	0.54	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Calcium	1400	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Chromium	2.2	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Cobalt	1.1	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Copper	11	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Cyanide (Total)	0.54	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Iron	3800	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Lead	41	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Magnesium	480	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Manganese	230	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Mercury	0.11	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nickel	2.2	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Potassium	410	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Selenium	0.22	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Silver	2.2	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Sodium	72	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Thallium	0.27	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Vanadium	3.6	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Zinc	28	mg/kg	None
50-09109	0550-96-0111	46–47	Qbt 3	Aluminum	658	mg/kg	J
50-09109	0550-96-0111	46–47	Qbt 3	Antimony	3.3	mg/kg	UJ
50-09109	0550-96-0111	46–47	Qbt 3	Arsenic	2.2	mg/kg	None
50-09109	0550-96-0111	46–47	Qbt 3	Barium	9.9	mg/kg	J
50-09109	0550-96-0111	46–47	Qbt 3	Beryllium	0.19	mg/kg	J
50-09109	0550-96-0111	46–47	Qbt 3	Cadmium	0.21	mg/kg	J
50-09109	0550-96-0111	46–47	Qbt 3	Calcium	200	mg/kg	None
50-09109	0550-96-0111	46–47	Qbt 3	Chromium	0.77	mg/kg	U
50-09109	0550-96-0111	46–47	Qbt 3	Cobalt	0.6	mg/kg	U
50-09109	0550-96-0111	46–47	Qbt 3	Copper	0.6	mg/kg	U
50-09109	0550-96-0111	46–47	Qbt 3	Iron	3150	mg/kg	None
50-09109	0550-96-0111	46–47	Qbt 3	Lead	2.2	mg/kg	J-
50-09109	0550-96-0111	46–47	Qbt 3	Magnesium	91.1	mg/kg	J
50-09109	0550-96-0111	46–47	Qbt 3	Manganese	181	mg/kg	J
50-09109	0550-96-0111	46–47	Qbt 3	Nickel	0.77	mg/kg	U
50-09109	0550-96-0111	46–47	Qbt 3	Potassium	263	mg/kg	None
50-09109	0550-96-0111	46–47	Qbt 3	Selenium	0.61	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-96-0111	46–47	Qbt 3	Silver	0.1	mg/kg	U
50-09109	0550-96-0111	46–47	Qbt 3	Sodium	213	mg/kg	None
50-09109	0550-96-0111	46–47	Qbt 3	Thallium	0.2	mg/kg	U
50-09109	0550-96-0111	46–47	Qbt 3	Vanadium	1.1	mg/kg	J
50-09109	0550-96-0111	46–47	Qbt 3	Zinc	18.5	mg/kg	J
50-09109	0550-95-0236	57.8–60	Qbt 3	Aluminum	5900	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Antimony	11	mg/kg	UJ
50-09109	0550-95-0236	57.8–60	Qbt 3	Arsenic	1.3	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Barium	35	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Beryllium	1.2	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Cadmium	0.53	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Calcium	1900	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Chromium	3.2	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Cobalt	1.1	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Copper	4.3	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Iron	5500	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Lead	6.9	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Magnesium	1100	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Manganese	180	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Mercury	0.11	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nickel	4.3	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Potassium	1000	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Selenium	0.21	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Silver	2.1	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Sodium	230	mg/kg	J-
50-09109	0550-95-0236	57.8–60	Qbt 3	Thallium	0.27	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Vanadium	4.8	mg/kg	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Zinc	30	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Aluminum	7900	mg/kg	J
50-09109	0550-96-0112	66–67	Qbt 3	Antimony	3.6	mg/kg	UJ
50-09109	0550-96-0112	66–67	Qbt 3	Arsenic	2.1	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Barium	71.6	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Beryllium	0.5	mg/kg	J
50-09109	0550-96-0112	66–67	Qbt 3	Cadmium	0.48	mg/kg	J
50-09109	0550-96-0112	66–67	Qbt 3	Calcium	73900	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Chromium	12.7	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Cobalt	3.8	mg/kg	J
50-09109	0550-96-0112	66–67	Qbt 3	Copper	30.7	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Iron	8670	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Lead	11.3	mg/kg	J-

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-96-0112	66–67	Qbt 3	Magnesium	2690	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Manganese	263	mg/kg	J
50-09109	0550-96-0112	66–67	Qbt 3	Nickel	13.2	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Potassium	997	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Selenium	1.3	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Silver	0.11	mg/kg	U
50-09109	0550-96-0112	66–67	Qbt 3	Sodium	387	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Thallium	1.4	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Vanadium	10.5	mg/kg	None
50-09109	0550-96-0112	66–67	Qbt 3	Zinc	52	mg/kg	J
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aluminum	240	mg/kg	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Antimony	11	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Arsenic	1.1	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Barium	12	mg/kg	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Beryllium	0.53	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Cadmium	0.53	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Calcium	320	mg/kg	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chromium	1.1	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Cobalt	1.1	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Copper	1.1	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Iron	2200	mg/kg	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Lead	1.2	mg/kg	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Magnesium	110	mg/kg	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Manganese	160	mg/kg	J-
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Mercury	0.11	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nickel	2.1	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Potassium	140	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Selenium	1.1	mg/kg	UJ
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Silver	2.1	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Sodium	88	mg/kg	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Thallium	1.1	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Vanadium	0.63	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Zinc	19	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aluminum	210	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Antimony	10	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Arsenic	1	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Barium	14	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Beryllium	0.52	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Cadmium	0.52	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Calcium	300	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chromium	1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Cobalt	1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Copper	1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Cyanide (Total)	0.52	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Iron	2400	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Lead	2.2	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Magnesium	86	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Manganese	180	mg/kg	J-
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Mercury	0.1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nickel	2.1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Potassium	100	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Selenium	1	mg/kg	UJ
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Silver	2.1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Sodium	76	mg/kg	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Thallium	1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Vanadium	1	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Zinc	20	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Aluminum	2000	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Antimony	11	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Arsenic	1.1	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Barium	19	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Beryllium	0.74	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Cadmium	0.53	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Calcium	610	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Chromium	1.1	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Cobalt	1.1	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Copper	1.1	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Iron	4100	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Lead	5.5	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Magnesium	360	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Manganese	210	mg/kg	J-
50-09109	0550-95-0241	113–114.7	Qbt 3	Mercury	0.11	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nickel	2.1	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Potassium	360	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Selenium	1.1	mg/kg	UJ
50-09109	0550-95-0241	113–114.7	Qbt 3	Silver	2.1	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Sodium	87	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Thallium	1.1	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Vanadium	2.3	mg/kg	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Zinc	24	mg/kg	None

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0259	17–19	Qbt 3	Aluminum	225	mg/kg	None
50-09110	0550-95-0259	17–19	Qbt 3	Antimony	2.9	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Arsenic	0.19	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Barium	12.3	mg/kg	J
50-09110	0550-95-0259	17–19	Qbt 3	Beryllium	0.07	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Cadmium	0.33	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Calcium	309	mg/kg	J
50-09110	0550-95-0259	17–19	Qbt 3	Chromium	1.5	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Cobalt	1.1	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Copper	0.74	mg/kg	J
50-09110	0550-95-0259	17–19	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Iron	2730	mg/kg	None
50-09110	0550-95-0259	17–19	Qbt 3	Lead	1.6	mg/kg	None
50-09110	0550-95-0259	17–19	Qbt 3	Magnesium	108	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Manganese	179	mg/kg	J
50-09110	0550-95-0259	17–19	Qbt 3	Mercury	0.05	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nickel	0.73	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Potassium	225	mg/kg	J
50-09110	0550-95-0259	17–19	Qbt 3	Selenium	0.11	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Silver	0.27	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Sodium	77.7	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Thallium	0.21	mg/kg	UJ
50-09110	0550-95-0259	17–19	Qbt 3	Vanadium	1.1	mg/kg	J
50-09110	0550-95-0259	17–19	Qbt 3	Zinc	28.2	mg/kg	J-
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Aluminum	975	mg/kg	J
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Antimony	3.4	mg/kg	UJ
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Arsenic	2.4	mg/kg	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Barium	14	mg/kg	J
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Beryllium	0.19	mg/kg	J
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Cadmium	0.2	mg/kg	J
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Calcium	286	mg/kg	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Chromium	0.61	mg/kg	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Cobalt	0.63	mg/kg	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Copper	0.93	mg/kg	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Iron	4780	mg/kg	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Lead	6.3	mg/kg	J-
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Magnesium	158	mg/kg	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Manganese	210	mg/kg	J
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Nickel	1	mg/kg	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Potassium	256	mg/kg	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Selenium	0.71	mg/kg	U

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Silver	0.1	mg/kg	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Sodium	201	mg/kg	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Thallium	0.61	mg/kg	J
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Vanadium	1.9	mg/kg	J
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Zinc	29.8	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Aluminum	308	mg/kg	None
50-09110	0550-95-0264	38–40	Qbt 3	Antimony	3.1	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Arsenic	0.19	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Barium	15.7	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Beryllium	0.1	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Cadmium	0.33	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Calcium	286	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Chromium	0.96	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Cobalt	0.94	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Copper	0.99	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Cyanide (Total)	3.9	mg/kg	None
50-09110	0550-95-0264	38–40	Qbt 3	Iron	3250	mg/kg	None
50-09110	0550-95-0264	38–40	Qbt 3	Lead	2.2	mg/kg	None
50-09110	0550-95-0264	38–40	Qbt 3	Magnesium	231	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Manganese	197	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Mercury	0.05	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nickel	0.73	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Potassium	328	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Selenium	0.12	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Silver	0.26	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Sodium	119	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Thallium	0.21	mg/kg	UJ
50-09110	0550-95-0264	38–40	Qbt 3	Vanadium	1.2	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Zinc	23.9	mg/kg	J-
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Aluminum	1170	mg/kg	J
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Antimony	3.3	mg/kg	UJ
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Arsenic	2.2	mg/kg	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Barium	15.7	mg/kg	J
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Beryllium	0.39	mg/kg	J
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Cadmium	0.15	mg/kg	J
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Calcium	324	mg/kg	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Chromium	1	mg/kg	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Cobalt	0.6	mg/kg	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Copper	0.89	mg/kg	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Iron	4270	mg/kg	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Lead	5.7	mg/kg	J-

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Magnesium	242	mg/kg	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Manganese	235	mg/kg	J
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Nickel	0.9	mg/kg	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Potassium	275	mg/kg	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Selenium	0.82	mg/kg	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Silver	0.1	mg/kg	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Sodium	161	mg/kg	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Thallium	0.38	mg/kg	J
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Vanadium	1.7	mg/kg	J
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Zinc	26.7	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Aluminum	537	mg/kg	None
50-09110	0550-95-0269	59–60.8	Qbt 3	Antimony	3	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Arsenic	0.5	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Barium	11.7	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Beryllium	0.4	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Cadmium	0.34	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Calcium	396	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Chromium	0.59	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Cobalt	0.88	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Copper	1.5	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Cyanide (Total)	0.54	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Iron	1750	mg/kg	None
50-09110	0550-95-0269	59–60.8	Qbt 3	Lead	75.2	mg/kg	None
50-09110	0550-95-0269	59–60.8	Qbt 3	Magnesium	179	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Manganese	101	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Mercury	0.05	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nickel	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Potassium	140	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Selenium	0.11	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Silver	0.27	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Sodium	113	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Thallium	0.22	mg/kg	UJ
50-09110	0550-95-0269	59–60.8	Qbt 3	Vanadium	1.4	mg/kg	J
50-09110	0550-95-0269	59–60.8	Qbt 3	Zinc	24.5	mg/kg	J-
50-09110	0550-95-0274	74–76.6	Qbt 3	Aluminum	185	mg/kg	None
50-09110	0550-95-0274	74–76.6	Qbt 3	Antimony	2.9	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Arsenic	0.19	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Barium	11.1	mg/kg	J
50-09110	0550-95-0274	74–76.6	Qbt 3	Beryllium	0.1	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Cadmium	0.33	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Calcium	280	mg/kg	J

Table E-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0274	74–76.6	Qbt 3	Chromium	0.28	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Cobalt	0.3	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Copper	1.3	mg/kg	J
50-09110	0550-95-0274	74–76.6	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Iron	2280	mg/kg	None
50-09110	0550-95-0274	74–76.6	Qbt 3	Lead	2.1	mg/kg	None
50-09110	0550-95-0274	74–76.6	Qbt 3	Magnesium	106	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Manganese	127	mg/kg	J
50-09110	0550-95-0274	74–76.6	Qbt 3	Mercury	0.05	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nickel	0.73	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Potassium	59.9	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Selenium	0.11	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Silver	0.26	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Sodium	125	mg/kg	J
50-09110	0550-95-0274	74–76.6	Qbt 3	Thallium	0.21	mg/kg	UJ
50-09110	0550-95-0274	74–76.6	Qbt 3	Vanadium	0.42	mg/kg	J
50-09110	0550-95-0274	74–76.6	Qbt 3	Zinc	33.4	mg/kg	J-
50-09110	0550-95-0279	88–89.4	Qbt 3	Aluminum	311	mg/kg	None
50-09110	0550-95-0279	88–89.4	Qbt 3	Antimony	2.9	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Arsenic	0.19	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Barium	9.4	mg/kg	J
50-09110	0550-95-0279	88–89.4	Qbt 3	Beryllium	0.24	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Cadmium	0.33	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Calcium	268	mg/kg	J
50-09110	0550-95-0279	88–89.4	Qbt 3	Chromium	0.71	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Cobalt	1	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Copper	0.7	mg/kg	J
50-09110	0550-95-0279	88–89.4	Qbt 3	Cyanide (Total)	0.53	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Iron	4500	mg/kg	None
50-09110	0550-95-0279	88–89.4	Qbt 3	Lead	2.3	mg/kg	None
50-09110	0550-95-0279	88–89.4	Qbt 3	Magnesium	151	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Manganese	159	mg/kg	J
50-09110	0550-95-0279	88–89.4	Qbt 3	Mercury	0.05	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nickel	0.73	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Potassium	190	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Selenium	0.11	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Silver	0.26	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Sodium	140	mg/kg	J
50-09110	0550-95-0279	88–89.4	Qbt 3	Thallium	0.21	mg/kg	UJ
50-09110	0550-95-0279	88–89.4	Qbt 3	Vanadium	1.4	mg/kg	J
50-09110	0550-95-0279	88–89.4	Qbt 3	Zinc	32.7	mg/kg	J-

Table E-2
MDA C Subsurface Data for Organic Chemicals

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Aniline	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Anthracene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benzidine	0.71	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benzoic Acid	3.5	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Benzyl Alcohol	1.4	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Carbazole	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Chloroaniline[4-]	1.4	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Chrysene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Fluorene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Isophorone	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitroaniline[4-]	0.64	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Phenol	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Pyrene	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Pyridine	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Aniline	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Anthracene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Chrysene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Fluorene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Isophorone	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Phenol	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Pyrene	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Aniline	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Anthracene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Chrysene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Fluorene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Isophorone	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitroaniline[4-]	0.69	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Phenol	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Pyrene	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Acenaphthene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Acenaphthylene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Aniline	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Anthracene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Azobenzene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Benz(a)anthracene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Benzo(a)pyrene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Benzo(b)fluoranthene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Benzo(k)fluoranthene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Benzoic Acid	1.6	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Benzyl Alcohol	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Butylbenzylphthalate	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Chloroaniline[4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Chloronaphthalene[2-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Chlorophenol[2-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Chrysene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dibenzofuran	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Diethylphthalate	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dimethyl Phthalate	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Di-n-butylphthalate	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.81	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dinitrophenol[2,4-]	0.81	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Dinitrotoluene[2,4-]	0.33	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0371	58.2–60	Qbt 3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Di-n-octylphthalate	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Fluoranthene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Fluorene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Hexachlorobenzene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Hexachlorobutadiene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Hexachloroethane	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Isophorone	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Methylnaphthalene[2-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Methylphenol[2-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Methylphenol[4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Naphthalene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitroaniline[2-]	0.81	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitroaniline[3-]	0.81	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitroaniline[4-]	0.67	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitrobenzene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitrophenol[2-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitrophenol[4-]	0.81	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Pentachlorophenol	0.81	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Phenanthrene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Phenol	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Pyrene	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Trichlorophenol[2,4,5-]	0.81	mg/kg	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Acenaphthene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Acenaphthylene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Aniline	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Anthracene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Azobenzene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benz(a)anthracene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benzidine	0.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benzo(a)pyrene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benzo(g,h,i)perylene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benzoic Acid	3.5	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Benzyl Alcohol	1.4	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Butylbenzylphthalate	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Carbazole	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Chloro-3-methylphenol[4-]	0.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Chloroaniline[4-]	1.4	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Chlorophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Chrysene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dibenzofuran	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dichlorobenzidine[3,3'-]	0.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Diethylphthalate	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dimethyl Phthalate	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Di-n-butylphthalate	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Di-n-octylphthalate	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Fluoranthene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Fluorene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Hexachlorobenzene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Hexachlorobutadiene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Hexachloroethane	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Isophorone	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Methylphenol[2-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Methylphenol[4-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Naphthalene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitroaniline[2-]	1.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitroaniline[3-]	1.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitroaniline[4-]	0.63	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitrobenzene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitrophenol[2-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitrophenol[4-]	1.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Pentachlorophenol	1.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Phenanthrene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Phenol	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Pyrene	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Pyridine	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Acenaphthene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Acenaphthylene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Aniline	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Anthracene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Azobenzene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benz(a)anthracene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benzidine	0.67	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benzo(a)pyrene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benzoic Acid	3.4	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Benzyl Alcohol	1.3	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Butylbenzylphthalate	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Carbazole	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Chloro-3-methylphenol[4-]	0.67	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Chloroaniline[4-]	1.3	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Chlorophenol[2-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Chrysene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dibenzofuran	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dichlorobenzidine[3,3'-]	0.67	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Diethylphthalate	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dimethyl Phthalate	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Di-n-butylphthalate	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Di-n-octylphthalate	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Fluoranthene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Fluorene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Hexachlorobenzene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Hexachlorobutadiene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Hexachloroethane	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Isophorone	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Methylphenol[2-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Methylphenol[4-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Naphthalene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitroaniline[2-]	1.7	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitroaniline[3-]	1.7	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitroaniline[4-]	0.61	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitrobenzene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitrophenol[2-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitrophenol[4-]	1.7	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Nitrosodiphenylamine[N-]	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Pentachlorophenol	1.7	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Phenanthrene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Phenol	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Pyrene	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Acenaphthene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Acenaphthylene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Aniline	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Anthracene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Azobenzene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benz(a)anthracene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benzidine	0.68	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benzo(a)pyrene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benzoic Acid	3.4	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Benzyl Alcohol	1.4	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Butylbenzylphthalate	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Carbazole	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Chloroaniline[4-]	1.4	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Chlorophenol[2-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Chrysene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dibenzofuran	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Diethylphthalate	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dimethyl Phthalate	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Di-n-butylphthalate	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Di-n-octylphthalate	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Fluoranthene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Fluorene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Hexachlorobenzene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Hexachlorobutadiene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Hexachloroethane	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Isophorone	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Methylphenol[2-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Methylphenol[4-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Naphthalene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitroaniline[2-]	1.7	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitroaniline[3-]	1.7	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitroaniline[4-]	0.61	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitrobenzene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitrophenol[2-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitrophenol[4-]	1.7	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Pentachlorophenol	1.7	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Phenanthrene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Phenol	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Pyrene	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Acenaphthene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Acenaphthylene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Acetone	0.02	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aldrin	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0284	15–17	Qbt 3	Aniline	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Anthracene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aroclor-1221	0.08	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Azobenzene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benz(a)anthracene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benzene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benzo(a)pyrene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benzo(b)fluoranthene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benzo(k)fluoranthene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benzoic Acid	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Benzyl Alcohol	0.76	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bromoform	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chloro-3-methylphenol[4-]	0.76	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0284	15–17	Qbt 3	Chloroaniline[4-]	0.76	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chloroform	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Chrysene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dibenz(a,h)anthracene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dibenzofuran	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorobenzidine[3,3'-]	0.76	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dieldrin	0.004	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0284	15–17	Qbt 3	Diethylphthalate	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dimethyl Phthalate	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Endrin	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Fluoranthene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Fluorene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Hexachlorocyclopentadiene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Hexachloroethane	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Isophorone	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Methylnaphthalene[2-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Naphthalene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitroaniline[4-]	0.76	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitrobenzene	0.38	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0284	15–17	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Pentachlorophenol	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Phenanthrene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Phenol	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Pyrene	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Styrene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Toluene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Toxaphene (Technical Grade)	0.19	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichlorophenol[2,4,5-]	1.9	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09101	0550-95-0284	15–17	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Acetone	0.02	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aldrin	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aniline	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Anthracene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aroclor-1242	0.04	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0289	35–36.2	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benzene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Benzyl Alcohol	0.72	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.04	mg/kg	J
50-09101	0550-95-0289	35–36.2	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bromoform	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chloroaniline[4-]	0.72	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chloroform	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chloromethane	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0289	35–36.2	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Chrysene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0289	35–36.2	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Endrin	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Fluorene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Isophorone	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Methylene Chloride	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitroaniline[4-]	0.72	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0289	35–36.2	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Phenol	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Pyrene	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Styrene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Toluene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Acenaphthene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Acenaphthylene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Acetone	0.02	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aldrin	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aniline	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Anthracene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Azobenzene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Benz(a)anthracene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Benzene	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0294	55–55.7	Qbt 3	Benzo(a)pyrene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Benzo(b)fluoranthene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Benzo(k)fluoranthene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Benzoic Acid	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Benzyl Alcohol	0.74	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bis(2-ethylhexyl)phthalate	0.07	mg/kg	J
50-09101	0550-95-0294	55–55.7	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bromoform	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chloro-3-methylphenol[4-]	0.74	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chloroaniline[4-]	0.74	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chloroform	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Chrysene	0.37	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0294	55–55.7	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dibenz(a,h)anthracene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dibenzofuran	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorobenzidine[3,3'-]	0.74	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Diethylphthalate	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dimethyl Phthalate	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0294	55–55.7	Qbt 3	Endrin	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Fluoranthene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Fluorene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Hexachlorocyclopentadiene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Hexachloroethane	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Isophorone	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Methylene Chloride	0.007	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Methylnaphthalene[2-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Naphthalene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitroaniline[4-]	0.74	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitrobenzene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Pentachlorophenol	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Phenanthrene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Phenol	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Pyrene	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Styrene	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0294	55–55.7	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Toluene	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Toxaphene (Technical Grade)	0.19	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichlorophenol[2,4,5-]	1.9	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Acenaphthene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Acenaphthylene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Acetone	0.02	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aldrin	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aniline	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Anthracene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Azobenzene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benz(a)anthracene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benzene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benzo(a)pyrene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benzo(b)fluoranthene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benzo(k)fluoranthene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Benzyl Alcohol	0.73	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0299	75–77	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bis(2-ethylhexyl)phthalate	0.04	mg/kg	J
50-09101	0550-95-0299	75–77	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bromoform	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chloroaniline[4-]	0.73	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chloroform	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Chrysene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dibenz(a,h)anthracene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dibenzofuran	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0299	75–77	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Diethylphthalate	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dimethyl Phthalate	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Endrin	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Fluoranthene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Fluorene	0.37	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0299	75–77	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Hexachlorocyclopentadiene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Hexachloroethane	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Isophorone	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Methylene Chloride	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Methylnaphthalene[2-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Naphthalene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitroaniline[4-]	0.73	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitrobenzene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Phenanthrene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Phenol	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Pyrene	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Styrene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Toluene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0299	75–77	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09101	0550-95-0299	75–77	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Acetone	0.02	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aldrin	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aniline	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Anthracene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benzene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Benzyl Alcohol	0.73	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0304	96–98	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bromoform	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chloroaniline[4-]	0.73	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chloroform	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Chrysene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Endrin	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Fluorene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Hexachloroethane	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0304	96–98	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Isophorone	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Methylene Chloride	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitroaniline[4-]	0.73	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Phenol	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Pyrene	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Styrene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Toluene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0304	96–98	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09101	0550-95-0304	96–98	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Acetone	0.02	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aldrin	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aniline	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Anthracene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benzene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Benzyl Alcohol	0.72	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bromoform	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Bromomethane	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0309	112–114.5	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chloroaniline[4-]	0.72	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chloroform	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Chrysene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Endrin	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Fluorene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Isophorone	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0309	112–114.5	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Methylene Chloride	0.004	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitroaniline[4-]	0.72	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Phenol	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Pyrene	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Styrene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Toluene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Xylene (Total)	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0309	112–114.5	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Aniline	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Anthracene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Benzoic Acid	3.5	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Benzyl Alcohol	1.4	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Carbazole	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Chloroaniline[4-]	1.4	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Chrysene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0004	16–19	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Fluorene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Isophorone	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitroaniline[4-]	0.64	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Phenol	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Pyrene	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09102	0550-95-0004	16–19	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Aniline	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Anthracene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Benzoic Acid	3.6	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Benzyl Alcohol	1.4	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0009	37–40.9	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Carbazole	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Chloroaniline[4-]	1.4	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Chrysene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Fluorene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Isophorone	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitroaniline[4-]	0.65	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Phenol	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Pyrene	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Aniline	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Anthracene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Benzoic Acid	3.6	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Benzyl Alcohol	1.4	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Carbazole	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Chloroaniline[4-]	1.4	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Chrysene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0014	57–60	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Fluorene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Isophorone	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitroaniline[4-]	0.65	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Phenol	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Pyrene	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0014	57–60	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09102	0550-95-0014	57–60	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Aniline	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Anthracene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Benzyl Alcohol	0.7	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Chloro-3-methylphenol[4-]	0.7	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Chloroaniline[4-]	0.7	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Chrysene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dichlorobenzidine[3,3'-]	0.7	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0024	95–97	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Fluorene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Isophorone	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitroaniline[4-]	0.7	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Phenol	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Pyrene	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09102	0550-95-0024	95–97	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Aniline	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Anthracene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Benzoic Acid	1.7	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0029	108–110	Qbt 3	Benzyl Alcohol	0.69	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Chloro-3-methylphenol[4-]	0.69	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Chloroaniline[4-]	0.69	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Chrysene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Fluorene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Isophorone	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0029	108–110	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitroaniline[4-]	0.69	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Phenol	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Pyrene	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
50-09102	0550-95-0029	108–110	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Acenaphthene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Acetone	0.02	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aldrin	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aniline	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Anthracene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Azobenzene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0104	18.5–20.8	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Chrysene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dibenzofuran	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.83	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dinitrophenol[2,4-]	0.83	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Endrin	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Fluoranthene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Fluorene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Isophorone	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitroaniline[2-]	0.83	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitroaniline[3-]	0.83	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitroaniline[4-]	0.69	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitrophenol[4-]	0.83	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Pentachlorophenol	0.83	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Phenanthrene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Phenol	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Pyrene	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichloroethene	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichlorophenol[2,4,5-]	0.83	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Acetone	0.02	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aldrin	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aniline	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Anthracene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0109	36–38.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Carbazole	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Chrysene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloroethene[1,1-]	0.003	mg/kg	J
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Endrin	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Isophorone	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0109	36–38.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitroaniline[4-]	0.69	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Phenol	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Pyrene	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0109	36–38.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Acetone	0.02	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aldrin	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aniline	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Anthracene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Benzyl Alcohol	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0114	56–58.8	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Chrysene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Endrin	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Fluorene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Isophorone	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0114	56–58.8	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Phenol	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Pyrene	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Acetone	0.02	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aldrin	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aniline	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0119	78–80	Qbt 3	Anthracene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benzene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Benzyl Alcohol	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bis(2-ethylhexyl)phthalate	0.3	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bromoform	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0119	78–80	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chloroform	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Chrysene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloroethene[1,1-]	0.004	mg/kg	J
50-09103	0550-95-0119	78–80	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Diethylphthalate	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0119	78–80	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Endrin	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Fluorene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Isophorone	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0119	78–80	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Phenol	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Pyrene	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Styrene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Toluene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09103	0550-95-0119	78–80	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Acetone	0.009	mg/kg	J
50-09103	0550-95-0124	94.7–98	Qbt 3	Aldrin	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Aniline	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Anthracene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Aroclor-1254	0.04	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0124	94.7–98	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benzene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bromoform	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Carbazole	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chloroform	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Chrysene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0124	94.7–98	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Endrin	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Fluorene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Isophorone	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Phenanthrene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0124	94.7–98	Qbt 3	Phenol	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Pyrene	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Styrene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Toluene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Acetone	0.06	mg/kg	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aldrin	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aniline	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Anthracene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Chrysene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloroethene[1,1-]	0.004	mg/kg	J
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Endrin	0.003	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Endrin Ketone	0.003	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Fluorene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Isophorone	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitroaniline[4-]	0.7	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Phenol	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Pyrene	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Acetone	0.02	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aldrin	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aniline	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Anthracene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benzene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benzoic Acid	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	BHC[gamma-]	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bromoform	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chloroform	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Chrysene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Endrin	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Fluorene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Isophorone	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitroaniline[4-]	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Pentachlorophenol	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Phenol	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Pyrene	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Styrene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Toluene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Xylene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Acetone	0.02	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aldrin	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aniline	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Anthracene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benzene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benzoic Acid	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Bromoform	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Bromomethane	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0079	26.3–28	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chloroform	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Chrysene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Endrin	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Fluorene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Isophorone	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0079	26.3–28	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitroaniline[4-]	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Pentachlorophenol	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Phenol	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Pyrene	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Styrene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Toluene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Xylene (Total)	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0079	26.3–28	Qbt 3	Xylene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Acenaphthene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Acenaphthylene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Acetone	0.02	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aldrin	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aniline	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Anthracene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aroclor-1221	0.08	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Azobenzene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benz(a)anthracene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benzene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benzo(a)pyrene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benzo(b)fluoranthene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benzo(g,h,i)perylene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benzo(k)fluoranthene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benzoic Acid	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Benzyl Alcohol	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bis(2-chloroethoxy)methane	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bis(2-chloroethyl)ether	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bromoform	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Butylbenzylphthalate	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Carbon Disulfide	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chloro-3-methylphenol[4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chloroaniline[4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chloroform	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chloronaphthalene[2-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlorophenol[2-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Chrysene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dibenz(a,h)anthracene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dibenzofuran	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorobenzene[1,2-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorobenzene[1,3-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorobenzene[1,4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorobenzidine[3,3'-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichlorophenol[2,4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Diethylphthalate	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dimethyl Phthalate	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dimethylphenol[2,4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Di-n-butylphthalate	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dinitrophenol[2,4-]	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dinitrotoluene[2,4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Dinitrotoluene[2,6-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Di-n-octylphthalate	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Endrin	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Endrin Aldehyde	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Fluoranthene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Fluorene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Hexachlorobenzene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Hexachlorobutadiene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Hexachlorocyclopentadiene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Hexachloroethane	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Isophorone	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Methylnaphthalene[2-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Methylphenol[2-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Methylphenol[4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Naphthalene	0.39	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitroaniline[2-]	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitroaniline[3-]	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitroaniline[4-]	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitrobenzene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitrophenol[2-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitrophenol[4-]	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitrosodimethylamine[N-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Pentachlorophenol	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Phenanthrene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Phenol	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Pyrene	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Styrene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Toluene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Toxaphene (Technical Grade)	0.2	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichlorophenol[2,4,5-]	0.96	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Xylene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Acetone	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aldrin	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aniline	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Anthracene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0087	58–60	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benzene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benzoic Acid	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bromoform	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0087	58–60	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chloroform	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Chrysene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0087	58–60	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Endrin	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Fluorene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Isophorone	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitroaniline[4-]	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0087	58–60	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Phenol	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Pyrene	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Styrene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Toluene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09104	0550-95-0087	58–60	Qbt 3	Xylene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Acetone	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aldrin	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aniline	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Anthracene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Aroclor-1260	0.03	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0095	79–81	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benzene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benzoic Acid	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Benzyl Alcohol	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bromoform	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chloroform	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0095	79–81	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Chrysene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dinitrophenol[2,4-]	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Endosulfan I	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0095	79–81	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Endrin	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Fluorene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Isophorone	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitroaniline[2-]	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitroaniline[3-]	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitroaniline[4-]	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitrophenol[4-]	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Pentachlorophenol	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Phenol	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0095	79–81	Qbt 3	Pyrene	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Styrene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Toluene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichlorophenol[2,4,5-]	0.89	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09104	0550-95-0095	79–81	Qbt 3	Xylene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Acetone	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aldrin	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aniline	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Anthracene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Benzene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0099	85–87	Qbt 3	Benzoic Acid	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bromoform	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chloroform	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Chrysene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dibenzofuran	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0099	85–87	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Endrin	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Fluoranthene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0099	85–87	Qbt 3	Fluorene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Isophorone	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Methylphenol[2-]	0.35	mg/kg	None
50-09104	0550-95-0099	85–87	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitroaniline[4-]	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Pentachlorophenol	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Phenol	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Pyrene	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Styrene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Toluene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0099	85–87	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09104	0550-95-0099	85–87	Qbt 3	Xylene[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Acetone	0.02	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aldrin	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aniline	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Anthracene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benzene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Benzyl Alcohol	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bromoform	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chloroform	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Chrysene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Endrin	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Fluorene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Isophorone	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Phenol	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Pyrene	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Styrene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Toluene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Acetone	0.02	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aldrin	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aniline	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Anthracene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benzene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bromoform	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Bromomethane	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0140	35–38	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chloroform	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Chrysene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0140	35–38	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Endrin	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Fluorene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Isophorone	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0140	35–38	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Phenol	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Pyrene	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Styrene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Toluene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09105	0550-95-0140	35–38	Qbt 3	Xylene (Total)	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0145	57–59	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Acetone	0.02	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aldrin	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aniline	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Anthracene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benzene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bis(2-ethylhexyl)phthalate	0.14	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bromoform	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Carbon Disulfide	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0145	57–59	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chloroform	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Chrysene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0145	57–59	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Endrin	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Fluorene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Isophorone	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Naphthalene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0145	57–59	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitroaniline[4-]	0.7	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Phenol	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Pyrene	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Styrene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Toluene	0.003	mg/kg	J
50-09105	0550-95-0145	57–59	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09105	0550-95-0145	57–59	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Acetone	0.02	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aldrin	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aniline	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Anthracene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aroclor-1016	0.03	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0150	77–79.7	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benzene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bromoform	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0150	77–79.7	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chloroform	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Chrysene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0150	77–79.7	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Endrin	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Fluorene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Isophorone	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitroaniline[4-]	0.69	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Phenol	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Pyrene	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Styrene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Toluene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Acenaphthene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Acetone	0.02	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aldrin	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aniline	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Anthracene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Azobenzene	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0155	97–99.8	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Benzoic Acid	1.6	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0155	97–99.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Chrysene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dibenzofuran	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.82	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dinitrophenol[2,4-]	0.82	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Endosulfan I	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0155	97–99.8	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Endrin	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Fluoranthene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Fluorene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Isophorone	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitroaniline[2-]	0.82	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitroaniline[3-]	0.82	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitroaniline[4-]	0.68	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitrophenol[4-]	0.82	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Pentachlorophenol	0.82	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Phenanthrene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Phenol	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0155	97–99.8	Qbt 3	Pyrene	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichlorophenol[2,4,5-]	0.82	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Acenaphthene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Acetone	0.02	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aldrin	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aniline	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Anthracene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Azobenzene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Benzene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Benzoic Acid	1.6	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0160	117.7–120	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bromoform	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chloroform	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Chrysene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dibenzofuran	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0160	117.7–120	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.82	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dinitrophenol[2,4-]	0.82	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Endrin	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Fluoranthene	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0160	117.7–120	Qbt 3	Fluorene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Isophorone	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitroaniline[2-]	0.82	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitroaniline[3-]	0.82	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitroaniline[4-]	0.68	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitrophenol[4-]	0.82	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Pentachlorophenol	0.82	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Phenanthrene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Phenol	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Pyrene	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Styrene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Toluene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichlorophenol[2,4,5-]	0.82	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Acenaphthene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Acenaphthylene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Acetone	0.01	mg/kg	J
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aldrin	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aniline	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Anthracene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aroclor-1221	0.08	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Azobenzene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benz(a)anthracene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benzene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benzo(a)pyrene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benzo(b)fluoranthene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benzo(k)fluoranthene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Benzyl Alcohol	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bromoform	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chloroform	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Chrysene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dibenz(a,h)anthracene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dibenzofuran	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Diethylphthalate	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dimethyl Phthalate	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.92	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dinitrophenol[2,4-]	0.92	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Endrin	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Fluoranthene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Fluorene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Hexachlorocyclopentadiene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Hexachloroethane	0.38	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Isophorone	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Methylene Chloride	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Methylnaphthalene[2-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Naphthalene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitroaniline[2-]	0.92	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitroaniline[3-]	0.92	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitroaniline[4-]	0.76	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitrobenzene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitrophenol[4-]	0.92	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Pentachlorophenol	0.92	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Phenanthrene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Phenol	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Pyrene	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Styrene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Toluene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Toxaphene (Technical Grade)	0.2	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichlorophenol[2,4,5-]	0.92	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trichlorotrifluoroethane	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Acetone	0.02	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aldrin	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aniline	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Anthracene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benzene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bromoform	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0050	41–44	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chloroform	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Chrysene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0050	41–44	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Endrin	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Fluorene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Isophorone	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0050	41–44	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitroaniline[4-]	0.69	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Phenol	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Pyrene	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Styrene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Toluene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09106	0550-95-0050	41–44	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Acenaphthene	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Acetone	0.009	mg/kg	J
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aldrin	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aniline	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Anthracene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Azobenzene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benzene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bromoform	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chloroform	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Chrysene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dibenzofuran	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.83	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dinitrophenol[2,4-]	0.83	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Endrin	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Fluoranthene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Fluorene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Isophorone	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitroaniline[2-]	0.83	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitroaniline[3-]	0.83	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitroaniline[4-]	0.68	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitrophenol[4-]	0.83	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Pentachlorophenol	0.83	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Phenanthrene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Phenol	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Pyrene	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Styrene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Toluene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichlorophenol[2,4,5-]	0.83	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Acenaphthene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Acenaphthylene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Acetone	0.02	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aldrin	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aniline	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Anthracene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aroclor-1221	0.07	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0058	70.5–73	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Azobenzene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benz(a)anthracene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benzene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benzo(a)pyrene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benzo(b)fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benzo(k)fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benzoic Acid	1.6	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Benzyl Alcohol	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bromoform	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Butylbenzylphthalate	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chloroaniline[4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chloroethane	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0058	70.5–73	Qbt 3	Chloroform	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chloronaphthalene[2-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlorophenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Chrysene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dibenzofuran	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Diethylphthalate	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dimethyl Phthalate	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Di-n-butylphthalate	0.33	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0058	70.5–73	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.81	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dinitrophenol[2,4-]	0.81	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Di-n-octylphthalate	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Endrin	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Fluorene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Hexachlorobenzene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Hexachlorobutadiene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Hexachloroethane	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Isophorone	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Methylnaphthalene[2-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Methylphenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Methylphenol[4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Naphthalene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitroaniline[2-]	0.81	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitroaniline[3-]	0.81	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitroaniline[4-]	0.67	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitrobenzene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitrophenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitrophenol[4-]	0.81	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0058	70.5–73	Qbt 3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Pentachlorophenol	0.81	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Phenanthrene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Phenol	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Pyrene	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Styrene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Toluene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichlorophenol[2,4,5-]	0.81	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Acenaphthene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Acenaphthylene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Acetone	0.02	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aldrin	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aniline	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Anthracene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Azobenzene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Benz(a)anthracene	0.33	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0063	86–88.5	Qbt 3	Benzene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Benzo(a)pyrene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Benzo(b)fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Benzo(k)fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Benzoic Acid	1.6	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Benzyl Alcohol	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bromoform	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Butylbenzylphthalate	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chloroaniline[4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chloroform	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chloronaphthalene[2-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlorophenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0063	86–88.5	Qbt 3	Chrysene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dibenzofuran	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Diethylphthalate	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dimethyl Phthalate	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Di-n-butylphthalate	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.81	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dinitrophenol[2,4-]	0.81	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Di-n-octylphthalate	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Endosulfan II	0.003	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0063	86–88.5	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Endrin	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Fluorene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Hexachlorobenzene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Hexachlorobutadiene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Hexachloroethane	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Isophorone	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Methylnaphthalene[2-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Methylphenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Methylphenol[4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Naphthalene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitroaniline[2-]	0.81	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitroaniline[3-]	0.81	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitroaniline[4-]	0.67	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitrobenzene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitrophenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitrophenol[4-]	0.81	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Pentachlorophenol	0.81	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Phenanthrene	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Phenol	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Pyrene	0.33	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0063	86–88.5	Qbt 3	Styrene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Toluene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichlorophenol[2,4,5-]	0.81	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Acenaphthene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Acetone	0.02	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aldrin	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aniline	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Anthracene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Azobenzene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benzene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benzoic Acid	1.6	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0067	102–104	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bromoform	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chloroform	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Chrysene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dibenzofuran	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0067	102–104	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.81	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dinitrophenol[2,4-]	0.81	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Endrin	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Fluoranthene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Fluorene	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0067	102–104	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Isophorone	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitroaniline[2-]	0.81	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitroaniline[3-]	0.81	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitroaniline[4-]	0.67	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitrophenol[4-]	0.81	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Pentachlorophenol	0.81	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Phenanthrene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Phenol	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Pyrene	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Styrene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Toluene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0067	102–104	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichlorophenol[2,4,5-]	0.81	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09106	0550-95-0067	102–104	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Acenaphthene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Acenaphthylene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Acetone	0.02	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aldrin	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aniline	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Anthracene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Azobenzene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benz(a)anthracene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benzene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benzo(a)pyrene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benzo(b)fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benzo(k)fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benzoic Acid	1.6	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Benzyl Alcohol	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0071	115.5–118	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bromoform	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Butylbenzylphthalate	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chloroaniline[4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chloroform	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chloronaphthalene[2-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlorophenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Chrysene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dibenzofuran	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorobenzene[1,4-]	0.33	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Diethylphthalate	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dimethyl Phthalate	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Di-n-butylphthalate	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.81	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dinitrophenol[2,4-]	0.81	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Di-n-octylphthalate	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Endrin	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Fluoranthene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Fluorene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Hexachlorobenzene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Hexachlorobutadiene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Hexachloroethane	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Hexanone[2-]	0.02	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0071	115.5–118	Qbt 3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Isophorone	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Methylnaphthalene[2-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Methylphenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Methylphenol[4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Naphthalene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitroaniline[2-]	0.81	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitroaniline[3-]	0.81	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitroaniline[4-]	0.66	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitrobenzene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitrophenol[2-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitrophenol[4-]	0.81	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Pentachlorophenol	0.81	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Phenanthrene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Phenol	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Pyrene	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Styrene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Toluene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichlorophenol[2,4,5-]	0.81	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0071	115.5–118	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Acenaphthene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Acetone	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aldrin	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aniline	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Anthracene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Azobenzene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benzoic Acid	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0166	14–15.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Chrysene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dibenzofuran	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Endrin	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Fluorene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Isophorone	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0166	14–15.8	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitroaniline[4-]	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Phenanthrene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Phenol	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Pyrene	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Acetone	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0171	36–39	Qbt 3	Aldrin	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aniline	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Anthracene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benzene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benzoic Acid	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bromoform	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0171	36–39	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chloroform	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Chrysene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dieldrin	0.004	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0171	36–39	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Endrin	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Fluorene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Isophorone	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitroaniline[4-]	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitrobenzene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0171	36–39	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Phenol	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Pyrene	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Styrene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Toluene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09107	0550-95-0171	36–39	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Acenaphthene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Acetone	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aldrin	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aniline	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Anthracene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aroclor-1248	0.03	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0176	57–59	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Azobenzene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benzene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benzoic Acid	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bis(2-ethylhexyl)phthalate	0.46	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bromoform	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chloroform	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0176	57–59	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Chrysene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dibenzofuran	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0176	57–59	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Endrin	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Fluorene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Isophorone	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitroaniline[4-]	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Phenanthrene	0.34	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0176	57–59	Qbt 3	Phenol	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Pyrene	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Styrene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Toluene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09107	0550-95-0176	57–59	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Acetone	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aldrin	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aniline	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Anthracene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Benzene	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0181	75–78.6	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Benzoic Acid	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bromoform	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chloroform	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Chrysene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0181	75–78.6	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Endrin	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Ethylbenzene	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0181	75–78.6	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Fluorene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Isophorone	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitroaniline[4-]	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Phenol	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Pyrene	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Styrene	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Toluene	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0181	75–78.6	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Acetone	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aldrin	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aniline	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Anthracene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benzene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benzoic Acid	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0186	95–97	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Bromoform	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Butanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chloroform	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Chrysene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Endrin	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Fluorene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Hexachloroethane	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0186	95–97	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Isophorone	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitroaniline[4-]	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Phenol	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Pyrene	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Styrene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Toluene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0186	95–97	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09107	0550-95-0186	95–97	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Acenaphthene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Acenaphthylene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Acetone	0.01	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aldrin	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aniline	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Anthracene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Azobenzene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benz(a)anthracene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benzene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benzo(a)pyrene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benzo(b)fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benzo(k)fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benzoic Acid	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bromoform	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Butanone[2-]	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0191	108–111	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chloroform	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Chrysene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dibenzofuran	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorodifluoromethane	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0191	108–111	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Diethylphthalate	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dimethyl Phthalate	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Endrin	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Fluoranthene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Fluorene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Hexachloroethane	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Hexanone[2-]	0.01	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Isophorone	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Methyl-2-pentanone[4-]	0.01	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0191	108–111	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Methylnaphthalene[2-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Naphthalene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitroaniline[4-]	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitrobenzene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Phenanthrene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Phenol	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Pyrene	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Styrene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Toluene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trichlorotrifluoroethane	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09107	0550-95-0191	108–111	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Acenaphthylene	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0195	15–16.8	Qbt 3	Acetone	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aldrin	0.001	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aniline	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Anthracene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benzoic Acid	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chlordane (Technical Grade)	0.009	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0195	15–16.8	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Chrysene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0195	15–16.8	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Endrin	0.002	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Fluorene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Isophorone	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitrobenzene	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Phenol	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Pyrene	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Acenaphthylene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Acetone	0.03	mg/kg	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Aldrin	0.001	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Aniline	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Anthracene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Aroclor-1248	0.02	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0200	37–38.6	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benzene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benzoic Acid	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bromoform	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chlordane (Technical Grade)	0.009	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chloroform	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0200	37–38.6	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Chrysene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0200	37–38.6	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Endrin	0.002	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Fluorene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Isophorone	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitrobenzene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Phenol	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0200	37–38.6	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Pyrene	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Styrene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Toluene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Acenaphthene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Acenaphthylene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Acetone	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aldrin	0.001	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aniline	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Anthracene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Azobenzene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Benz(a)anthracene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Benzene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Benzo(a)pyrene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Benzo(b)fluoranthene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Benzo(g,h,i)perylene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Benzo(k)fluoranthene	0.16	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0205	57–59	Qbt 3	Benzoic Acid	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bis(2-chloroethoxy)methane	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bis(2-chloroethyl)ether	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bis(2-ethylhexyl)phthalate	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bromoform	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Bromophenyl-phenylether[4-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Butylbenzylphthalate	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chlordane (Technical Grade)	0.009	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chloroform	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chloronaphthalene[2-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chlorophenol[2-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Chrysene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dibenz(a,h)anthracene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dibenzofuran	0.16	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0205	57–59	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorobenzene[1,2-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorobenzene[1,3-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorobenzene[1,4-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichlorophenol[2,4-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Diethylphthalate	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dimethyl Phthalate	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dimethylphenol[2,4-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Di-n-butylphthalate	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dinitrotoluene[2,4-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Dinitrotoluene[2,6-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Di-n-octylphthalate	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Endrin	0.002	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Fluoranthene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Fluorene	0.16	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0205	57–59	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Hexachlorobenzene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Hexachlorobutadiene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Hexachlorocyclopentadiene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Hexachloroethane	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Indeno(1,2,3-cd)pyrene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Isophorone	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Methylnaphthalene[2-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Methylphenol[2-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Methylphenol[4-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Naphthalene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitrobenzene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitrophenol[2-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitrosodimethylamine[N-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitroso-di-n-propylamine[N-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Nitrosodiphenylamine[N-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Phenanthrene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Phenol	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Pyrene	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Styrene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Toluene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0205	57–59	Qbt 3	Trichlorobenzene[1,2,4-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichlorophenol[2,4,6-]	0.16	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09108	0550-95-0205	57–59	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Acenaphthylene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Acetone	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aldrin	0.001	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aniline	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Anthracene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benzene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benzoic Acid	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bromoform	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chlordane (Technical Grade)	0.009	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chloroform	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Chrysene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Endrin	0.002	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Fluorene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Iodomethane	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Isophorone	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Methylene Chloride	0.006	mg/kg	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitrobenzene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Phenol	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Pyrene	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Styrene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Toluene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Acetone	0.02	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aldrin	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aniline	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Anthracene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benzene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Benzyl Alcohol	0.7	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	J
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bromoform	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chloro-3-methylphenol[4-]	0.7	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chloroaniline[4-]	0.7	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chloroform	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Chrysene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.7	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Endrin	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Fluorene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Isophorone	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Methylene Chloride	0.01	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitroaniline[4-]	0.7	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Phenol	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Pyrene	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Styrene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Toluene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Acetone	0.02	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aldrin	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0220	112–115	Qbt 3	Aniline	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Anthracene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benzene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Benzyl Alcohol	0.71	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bromoform	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0220	112–115	Qbt 3	Chloroaniline[4-]	0.71	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chloroform	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Chrysene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dieldrin	0.004	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0220	112–115	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Endrin	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Fluorene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Isophorone	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Methylene Chloride	0.02	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitrobenzene	0.36	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0220	112–115	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Phenol	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Pyrene	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Styrene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Toluene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09108	0550-95-0220	112–115	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Acenaphthylene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Acetone	0.02	mg/kg	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aldrin	0.001	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aniline	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Anthracene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aroclor-1248	0.02	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benzene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benzoic Acid	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Benzyl Alcohol	0.36	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bromoform	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chlordane (Technical Grade)	0.010	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chloroform	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Chrysene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dinitrophenol[2,4-]	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Endrin	0.002	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Fluorene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Isophorone	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitroaniline[2-]	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitroaniline[3-]	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitroaniline[4-]	0.36	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitrobenzene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitrophenol[4-]	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Pentachlorophenol	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Phenol	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Pyrene	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Styrene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Toluene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Toxaphene (Technical Grade)	0.09	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichlorophenol[2,4,5-]	0.89	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Acenaphthene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Acenaphthylene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Acetone	0.03	mg/kg	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Aldrin	0.001	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aniline	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Anthracene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Azobenzene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Benz(a)anthracene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Benzene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Benzo(a)pyrene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Benzo(b)fluoranthene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Benzo(k)fluoranthene	0.18	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0231	34.1–36	Qbt 3	Benzoic Acid	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Benzyl Alcohol	0.37	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bromoform	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Butylbenzylphthalate	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chlordane (Technical Grade)	0.010	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chloroform	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chloronaphthalene[2-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chlorophenol[2-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Chrysene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dibenzofuran	0.18	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0231	34.1–36	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorobenzidine[3,3'-]	0.37	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Diethylphthalate	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dimethyl Phthalate	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Di-n-butylphthalate	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dinitrophenol[2,4-]	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Di-n-octylphthalate	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Endrin	0.002	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Fluoranthene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Fluorene	0.18	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0231	34.1–36	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Hexachlorobenzene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Hexachlorobutadiene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Hexachloroethane	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Isophorone	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Methylene Chloride	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Methylnaphthalene[2-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Methylphenol[2-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Methylphenol[4-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Naphthalene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitroaniline[2-]	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitroaniline[3-]	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitroaniline[4-]	0.37	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitrobenzene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitrophenol[2-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitrophenol[4-]	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitrosodimethylamine[N-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Pentachlorophenol	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Phenanthrene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Phenol	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Pyrene	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Styrene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Toluene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Toxaphene (Technical Grade)	0.09	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichlorophenol[2,4,5-]	0.91	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Acenaphthylene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Acetone	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aldrin	0.001	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aniline	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Anthracene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benzene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benzoic Acid	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0236	57.8–60	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bromoform	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chlordane (Technical Grade)	0.010	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chloroform	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Chrysene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Endrin	0.002	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Fluorene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Iodomethane	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0236	57.8–60	Qbt 3	Isophorone	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitrobenzene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Phenol	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Pyrene	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Styrene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Toluene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0236	57.8–60	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Acenaphthylene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Acetone	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aldrin	0.001	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aniline	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Anthracene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benzene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benzoic Acid	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bromoform	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chlordane (Technical Grade)	0.009	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chloroform	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Chrysene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Endrin	0.002	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Fluorene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Isophorone	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitrobenzene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Phenol	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Pyrene	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Styrene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Toluene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Acenaphthylene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Acetone	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aldrin	0.001	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aniline	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Anthracene	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benzoic Acid	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Benzyl Alcohol	0.34	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chlordane (Technical Grade)	0.009	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Chrysene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Endrin	0.002	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Fluorene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Isophorone	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitrobenzene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Phenol	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Pyrene	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Acenaphthene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Acenaphthylene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Acetone	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aldrin	0.001	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aniline	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Anthracene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aroclor-1016	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aroclor-1221	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aroclor-1232	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aroclor-1242	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aroclor-1248	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aroclor-1254	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Aroclor-1260	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Azobenzene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Benz(a)anthracene	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0241	113–114.7	Qbt 3	Benzene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Benzo(a)pyrene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Benzo(b)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Benzo(k)fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Benzoic Acid	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Benzyl Alcohol	0.35	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	BHC[alpha-]	0.001	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	BHC[gamma-]	0.001	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bromoform	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Butylbenzylphthalate	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chlordane (Technical Grade)	0.010	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chloroform	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chloronaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chlorophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Chrysene	0.17	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0241	113–114.7	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	DDE[4,4'-]	0.001	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dibenzofuran	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dieldrin	0.0007	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Diethylphthalate	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dimethyl Phthalate	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Di-n-butylphthalate	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Di-n-octylphthalate	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Endosulfan II	0.001	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0241	113–114.7	Qbt 3	Endrin	0.002	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Fluoranthene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Fluorene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Heptachlor	0.001	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Hexachlorobenzene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Hexachlorobutadiene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Hexachloroethane	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Isophorone	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Methylnaphthalene[2-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Methylphenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Methylphenol[4-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Naphthalene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitrobenzene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitrophenol[2-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitrosodimethylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Phenanthrene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Phenol	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Pyrene	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Styrene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0241	113–114.7	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Toluene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Toxaphene (Technical Grade)	0.08	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Acenaphthene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Acenaphthylene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Acetone	0.02	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aldrin	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aniline	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Anthracene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Azobenzene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benz(a)anthracene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benzene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benzo(a)pyrene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benzo(b)fluoranthene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benzo(k)fluoranthene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Benzyl Alcohol	0.71	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	BHC[beta-]	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0259	17–19	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bromoform	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chloroaniline[4-]	0.71	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chloroform	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Chrysene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dibenzofuran	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dibromomethane	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Diethylphthalate	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dimethyl Phthalate	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Endrin	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Fluoranthene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Fluorene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0259	17–19	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Hexachloroethane	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Isophorone	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Methylene Chloride	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Methylnaphthalene[2-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Naphthalene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitrobenzene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Phenanthrene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Phenol	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Pyrene	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Styrene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Toluene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Toxaphene (Technical Grade)	0.18	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0259	17–19	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09110	0550-95-0259	17–19	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Acetone	0.02	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aldrin	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aniline	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Anthracene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benzene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Benzyl Alcohol	0.69	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Bis(2-ethylhexyl)phthalate	0.05	mg/kg	J
50-09110	0550-95-0264	38–40	Qbt 3	Bromobenzene	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0264	38–40	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Bromoform	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chloro-3-methylphenol[4-]	0.69	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chloroaniline[4-]	0.69	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chloroform	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Chrysene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Endrin	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Fluorene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0264	38–40	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Isophorone	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Methylene Chloride	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitroaniline[4-]	0.69	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Phenol	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Pyrene	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Styrene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Toluene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0264	38–40	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09110	0550-95-0264	38–40	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Acetone	0.02	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aldrin	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aniline	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Anthracene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aroclor-1016	0.03	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aroclor-1232	0.03	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aroclor-1242	0.03	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aroclor-1248	0.03	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aroclor-1254	0.03	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Aroclor-1260	0.03	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benzene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benzoic Acid	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Benzyl Alcohol	0.71	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bromobenzene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bromochloromethane	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bromodichloromethane	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bromoform	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Butanone[2-]	0.02	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0269	59–60.8	Qbt 3	Butylbenzene[n-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Butylbenzene[sec-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Butylbenzene[tert-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Carbon Disulfide	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Carbon Tetrachloride	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chloroaniline[4-]	0.71	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlorobenzene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlorodibromomethane	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chloroform	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlorotoluene[2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chlorotoluene[4-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Chrysene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	DDD[4,4'-]	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	DDE[4,4'-]	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	DDT[4,4'-]	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dibromoethane[1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dibromomethane	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloroethane[1,1-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloroethane[1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloroethene[1,1-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloroethene[cis-1,2-]	0.005	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloropropane[1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloropropane[1,3-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloropropane[2,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloropropene[1,1-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dieldrin	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Endosulfan II	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Endosulfan Sulfate	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Endrin	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Endrin Aldehyde	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Endrin Ketone	0.003	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Ethylbenzene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Fluorene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Iodomethane	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Isophorone	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Isopropylbenzene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Isopropyltoluene[4-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0269	59–60.8	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitroaniline[4-]	0.71	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Phenol	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Propylbenzene[1-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Pyrene	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Styrene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Tetrachloroethene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Toluene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichloroethene	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichlorofluoromethane	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Xylene (Total)	0.005	mg/kg	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Xylene[1,2-]	0.005	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Acenaphthene	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0274	74–76.6	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Acetone	0.02	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aldrin	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aniline	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Anthracene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aroclor-1016	0.04	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benzene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Benzyl Alcohol	0.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bromoform	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chloro-3-methylphenol[4-]	0.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chloroaniline[4-]	0.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chloroform	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Chrysene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorobenzidine[3,3'-]	0.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Endrin	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Fluorene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Isophorone	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Methylene Chloride	0.005	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitroaniline[4-]	0.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Phenol	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Pyrene	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Styrene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Toluene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Acenaphthene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Acenaphthylene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Acetone	0.003	mg/kg	J
50-09110	0550-95-0279	88–89.4	Qbt 3	Aldrin	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Aniline	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Anthracene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Aroclor-1016	0.04	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0279	88–89.4	Qbt 3	Aroclor-1221	0.07	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Aroclor-1232	0.04	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Aroclor-1242	0.04	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Aroclor-1248	0.04	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Aroclor-1254	0.04	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Aroclor-1260	0.04	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Azobenzene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benz(a)anthracene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benzene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benzo(a)pyrene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benzo(b)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benzo(k)fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benzoic Acid	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Benzyl Alcohol	0.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	BHC[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	BHC[beta-]	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	BHC[delta-]	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	BHC[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bromobenzene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bromochloromethane	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bromoform	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bromomethane	0.01	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Butanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Carbon Disulfide	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Carbon Tetrachloride	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlordane[alpha-]	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlordane[gamma-]	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chloro-3-methylphenol[4-]	0.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chloroaniline[4-]	0.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlorobenzene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0279	88–89.4	Qbt 3	Chloroethane	0.01	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chloroform	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chloromethane	0.01	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Chrysene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	DDD[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	DDE[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	DDT[4,4'-]	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dibenzofuran	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dibromoethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dibromomethane	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorobenzidine[3,3'-]	0.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorodifluoromethane	0.01	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloroethane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dieldrin	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Diethylphthalate	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dimethyl Phthalate	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0279	88–89.4	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Endosulfan I	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Endosulfan II	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Endosulfan Sulfate	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Endrin	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Endrin Aldehyde	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Endrin Ketone	0.004	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Ethylbenzene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Fluoranthene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Fluorene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Heptachlor	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Heptachlor Epoxide	0.002	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Hexachloroethane	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Hexanone[2-]	0.02	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Iodomethane	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Isophorone	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Methoxychlor[4,4'-]	0.02	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Methylene Chloride	0.009	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Methylnaphthalene[2-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Naphthalene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitroaniline[4-]	0.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitrobenzene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U

Table E-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Phenanthrene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Phenol	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Pyrene	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Styrene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Toluene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Toxaphene (Technical Grade)	0.17	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichloroethene	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Vinyl Chloride	0.01	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Xylene (Total)	0.006	mg/kg	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Xylene[1,2-]	0.006	mg/kg	U

Table E-3
MDA C Subsurface Data for Radionuclides

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Americium-241	-0.002	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Cesium-137	0.03	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Cobalt-60	0.04	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Europium-152	0.22	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Plutonium-238	-0.007	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Plutonium-239	-0.005	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Ruthenium-106	0.3	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Sodium-22	0.001	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Strontium-90	0.42	pCi/g	U
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Thorium-228	1.29	pCi/g	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Thorium-230	0.83	pCi/g	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Thorium-232	1.18	pCi/g	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Tritium	12.2	pCi/mL	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Uranium-234	0.59	pCi/g	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09100	0550-95-0362	10.6–12.6	Qbt 3	Uranium-238	0.53	pCi/g	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Americium-241	0.03	pCi/g	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Cesium-137	-0.005	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Cobalt-60	0.01	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Europium-152	0.16	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Plutonium-239	0.007	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Ruthenium-106	0.02	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Sodium-22	0.001	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Strontium-90	0.09	pCi/g	U
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Thorium-228	1.29	pCi/g	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Thorium-230	0.93	pCi/g	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Thorium-232	1.24	pCi/g	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Tritium	622	pCi/mL	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Uranium-234	0.68	pCi/g	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09100	0550-95-0365	26.5–28.5	Qbt 3	Uranium-238	0.62	pCi/g	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Americium-241	0.03	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Cesium-134	0.1	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Cesium-137	0.11	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Cobalt-60	0.1	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Europium-152	0.48	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Plutonium-239	0.001	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Ruthenium-106	0.59	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Sodium-22	0.14	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Strontium-90	0.04	pCi/g	U
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Thorium-228	1.43	pCi/g	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Thorium-230	1.23	pCi/g	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Thorium-232	1.44	pCi/g	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Uranium-234	1.7	pCi/g	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Uranium-235	0.21	pCi/g	None
50-09100	0550-96-0100	32.7–33.7	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Americium-241	0.009	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Cesium-137	0.001	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Cobalt-60	0.01	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Europium-152	0.16	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Plutonium-238	-0.002	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Plutonium-239	0.01	pCi/g	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Ruthenium-106	-0.13	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Sodium-22	-0.008	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Strontium-90	0.18	pCi/g	U
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Thorium-228	1.44	pCi/g	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Thorium-230	0.79	pCi/g	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Thorium-232	1.26	pCi/g	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Tritium	13.4	pCi/mL	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Uranium-234	0.64	pCi/g	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09100	0550-95-0368	41.5–43.5	Qbt 3	Uranium-238	0.63	pCi/g	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Americium-241	0.007	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Cobalt-60	-0.01	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Europium-152	-0.001	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Plutonium-238	0.005	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Ruthenium-106	0.1	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Sodium-22	-0.01	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Strontium-90	0.13	pCi/g	U
50-09100	0550-95-0371	58.2–60	Qbt 3	Thorium-228	1.3	pCi/g	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Thorium-230	0.84	pCi/g	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Thorium-232	1.2	pCi/g	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Tritium	27.9	pCi/mL	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Uranium-234	0.64	pCi/g	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09100	0550-95-0371	58.2–60	Qbt 3	Uranium-238	0.6	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Americium-241	0.002	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Cesium-137	0.002	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Cobalt-60	-0.006	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Europium-152	-0.04	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Plutonium-238	0	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Plutonium-239	-0.01	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Ruthenium-106	-0.31	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Sodium-22	0.005	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Strontium-90	0.29	pCi/g	U
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Thorium-228	1.35	pCi/g	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Thorium-230	0.81	pCi/g	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Thorium-232	1.23	pCi/g	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Tritium	1.54	pCi/mL	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Uranium-234	0.51	pCi/g	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Uranium-235	0.02	pCi/g	None
50-09100	0550-95-0374	71.5–73.5	Qbt 2	Uranium-238	0.59	pCi/g	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Americium-241	0.02	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Cesium-137	-0.03	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Cobalt-60	-0.05	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Europium-152	0.12	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Plutonium-238	0.02	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Plutonium-239	0.005	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Ruthenium-106	-0.12	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Sodium-22	-0.004	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Strontium-90	0.58	pCi/g	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Thorium-228	1.69	pCi/g	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Thorium-230	1.23	pCi/g	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Thorium-232	1.66	pCi/g	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Tritium	4.26	pCi/mL	U
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Uranium-234	1.02	pCi/g	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Uranium-235	0.05	pCi/g	None
50-09100	0550-95-0383	115.1–116.9	Qbt 2	Uranium-238	1.03	pCi/g	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Americium-241	0.01	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Cesium-137	0.03	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Cobalt-60	0.03	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Europium-152	0.1	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Plutonium-238	0	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Plutonium-239	0	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Ruthenium-106	0.03	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Sodium-22	-0.002	pCi/g	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Strontium-90	0.55	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Thorium-228	1.5	pCi/g	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Thorium-230	1.11	pCi/g	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Thorium-232	1.5	pCi/g	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Tritium	2.38	pCi/mL	U
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Uranium-234	0.99	pCi/g	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Uranium-235	0.05	pCi/g	None
50-09100	0550-95-0392	161.3–163.1	Qbt 1v	Uranium-238	0.99	pCi/g	None
50-09101	0550-95-0284	15–17	Qbt 3	Americium-241	0.02	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Cesium-134	-0.003	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Cesium-137	0.02	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Cobalt-60	-0.03	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Europium-152	0.003	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Plutonium-238	0.004	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Plutonium-239	0.004	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Ruthenium-106	-0.05	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Sodium-22	-0.001	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Strontium-90	-0.07	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Thorium-228	1.19	pCi/g	None
50-09101	0550-95-0284	15–17	Qbt 3	Thorium-230	0.82	pCi/g	None
50-09101	0550-95-0284	15–17	Qbt 3	Thorium-232	1.23	pCi/g	None
50-09101	0550-95-0284	15–17	Qbt 3	Tritium	2.86	pCi/mL	None
50-09101	0550-95-0284	15–17	Qbt 3	Uranium-234	0.58	pCi/g	None
50-09101	0550-95-0284	15–17	Qbt 3	Uranium-235	0.02	pCi/g	U
50-09101	0550-95-0284	15–17	Qbt 3	Uranium-238	0.61	pCi/g	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Americium-241	0.03	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Cesium-134	0.11	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Cesium-137	0.04	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Cobalt-60	0.17	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Europium-152	0.48	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Plutonium-238	0.007	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Plutonium-239	0.004	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Ruthenium-106	0.71	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Sodium-22	0.08	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Strontium-90	-0.14	pCi/g	U
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Thorium-228	1.45	pCi/g	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Thorium-230	1.19	pCi/g	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Thorium-232	1.34	pCi/g	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Uranium-234	1.4	pCi/g	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Uranium-235	0.22	pCi/g	None
50-09101	0550-96-0101	26.85–27.85	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Americium-241	0.02	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0289	35–36.2	Qbt 3	Cesium-134	-0.02	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Cesium-137	0.02	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Europium-152	0.01	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Plutonium-238	0.009	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Plutonium-239	0.004	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Ruthenium-106	-0.23	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Sodium-22	0.001	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Strontium-90	0.06	pCi/g	U
50-09101	0550-95-0289	35–36.2	Qbt 3	Thorium-228	1.32	pCi/g	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Thorium-230	0.8	pCi/g	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Thorium-232	1.34	pCi/g	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Tritium	7.33	pCi/mL	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Uranium-234	0.66	pCi/g	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09101	0550-95-0289	35–36.2	Qbt 3	Uranium-238	0.61	pCi/g	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Americium-241	0.03	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Cesium-134	0.07	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Cesium-137	0.12	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Cobalt-60	0.09	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Europium-152	0.53	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Plutonium-238	0.007	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Ruthenium-106	1.02	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Sodium-22	0.1	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Strontium-90	-0.07	pCi/g	U
50-09101	0550-96-0102	44–45.1	Qbt 3	Thorium-228	1.39	pCi/g	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Thorium-230	1.16	pCi/g	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Thorium-232	1.38	pCi/g	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Uranium-234	1.3	pCi/g	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Uranium-235	0.22	pCi/g	None
50-09101	0550-96-0102	44–45.1	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Americium-241	0.007	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Cesium-134	-0.01	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Cobalt-60	0.01	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Europium-152	-0.009	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Plutonium-238	-0.002	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Plutonium-239	0.007	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Ruthenium-106	0.06	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Sodium-22	0.005	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0294	55–55.7	Qbt 3	Strontium-90	-0.02	pCi/g	U
50-09101	0550-95-0294	55–55.7	Qbt 3	Thorium-228	1.18	pCi/g	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Thorium-230	0.85	pCi/g	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Thorium-232	1.2	pCi/g	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Tritium	7.77	pCi/mL	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Uranium-234	0.59	pCi/g	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Uranium-235	0.06	pCi/g	None
50-09101	0550-95-0294	55–55.7	Qbt 3	Uranium-238	0.65	pCi/g	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Americium-241	0.04	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Cesium-134	0.12	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Cesium-137	0.1	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Cobalt-60	0.11	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Europium-152	0.44	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Plutonium-238	0.008	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Ruthenium-106	1.41	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Sodium-22	0.11	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Strontium-90	0.21	pCi/g	U
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Thorium-228	1.57	pCi/g	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Thorium-230	1.26	pCi/g	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Thorium-232	1.56	pCi/g	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Uranium-234	1.4	pCi/g	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Uranium-235	0.22	pCi/g	None
50-09101	0550-96-0103	62.5–63.2	Qbt 3	Uranium-238	1.4	pCi/g	None
50-09101	0550-95-0299	75–77	Qbt 3	Americium-241	-0.005	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Cesium-134	-0.03	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Cesium-137	-0.007	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Cobalt-60	0.03	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Europium-152	0.005	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Plutonium-238	-0.007	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Plutonium-239	0.004	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Ruthenium-106	0.05	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Sodium-22	0.03	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Strontium-90	0.04	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Thorium-228	1.21	pCi/g	None
50-09101	0550-95-0299	75–77	Qbt 3	Thorium-230	0.8	pCi/g	None
50-09101	0550-95-0299	75–77	Qbt 3	Thorium-232	1.19	pCi/g	None
50-09101	0550-95-0299	75–77	Qbt 3	Tritium	7.5	pCi/mL	None
50-09101	0550-95-0299	75–77	Qbt 3	Uranium-234	0.67	pCi/g	None
50-09101	0550-95-0299	75–77	Qbt 3	Uranium-235	0.02	pCi/g	U
50-09101	0550-95-0299	75–77	Qbt 3	Uranium-238	0.65	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09101	0550-95-0304	96–98	Qbt 3	Americium-241	-0.01	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Cesium-134	-0.03	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Cesium-137	0.004	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Cobalt-60	-0.005	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Europium-152	-0.007	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Plutonium-238	-0.004	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Ruthenium-106	0.06	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Sodium-22	0.03	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Strontium-90	0.09	pCi/g	U
50-09101	0550-95-0304	96–98	Qbt 3	Thorium-228	1.27	pCi/g	None
50-09101	0550-95-0304	96–98	Qbt 3	Thorium-230	0.72	pCi/g	None
50-09101	0550-95-0304	96–98	Qbt 3	Thorium-232	1.16	pCi/g	None
50-09101	0550-95-0304	96–98	Qbt 3	Tritium	5.63	pCi/mL	None
50-09101	0550-95-0304	96–98	Qbt 3	Uranium-234	0.64	pCi/g	None
50-09101	0550-95-0304	96–98	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09101	0550-95-0304	96–98	Qbt 3	Uranium-238	0.58	pCi/g	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Americium-241	0.01	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Cesium-134	0.01	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Cesium-137	-0.008	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Cobalt-60	0.001	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Europium-152	0.03	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Plutonium-239	0.004	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Ruthenium-106	0.25	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Sodium-22	-0.02	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Strontium-90	0.06	pCi/g	U
50-09101	0550-95-0309	112–114.5	Qbt 3	Thorium-228	1.16	pCi/g	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Thorium-230	0.77	pCi/g	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Thorium-232	1.2	pCi/g	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Tritium	47.5	pCi/mL	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Uranium-234	0.64	pCi/g	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09101	0550-95-0309	112–114.5	Qbt 3	Uranium-238	0.64	pCi/g	None
50-09102	0550-95-0004	16–19	Qbt 3	Americium-241	0.009	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Cesium-137	-0.02	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Europium-152	0.05	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Plutonium-238	-0.002	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Plutonium-239	0	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Ruthenium-106	0.04	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0004	16–19	Qbt 3	Sodium-22	-0.03	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Strontium-90	0.11	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Thorium-228	1.27	pCi/g	None
50-09102	0550-95-0004	16–19	Qbt 3	Thorium-230	0.76	pCi/g	U
50-09102	0550-95-0004	16–19	Qbt 3	Thorium-232	1.33	pCi/g	None
50-09102	0550-95-0004	16–19	Qbt 3	Tritium	1.84	pCi/mL	None
50-09102	0550-95-0004	16–19	Qbt 3	Uranium-234	0.62	pCi/g	None
50-09102	0550-95-0004	16–19	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09102	0550-95-0004	16–19	Qbt 3	Uranium-238	0.67	pCi/g	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Americium-241	0.01	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Cobalt-60	0.03	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Europium-152	0.13	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Ruthenium-106	-0.04	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Sodium-22	0.01	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Strontium-90	0.07	pCi/g	U
50-09102	0550-95-0009	37–40.9	Qbt 3	Thorium-228	1.35	pCi/g	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Thorium-230	0.91	pCi/g	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Thorium-232	1.38	pCi/g	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Tritium	10.4	pCi/mL	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Uranium-234	0.65	pCi/g	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09102	0550-95-0009	37–40.9	Qbt 3	Uranium-238	0.67	pCi/g	None
50-09102	0550-95-0014	57–60	Qbt 3	Americium-241	0.009	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Cesium-137	0.01	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Europium-152	0.07	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Plutonium-239	0.007	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Ruthenium-106	-0.1	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Sodium-22	0.01	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Strontium-90	0.01	pCi/g	U
50-09102	0550-95-0014	57–60	Qbt 3	Thorium-228	1.14	pCi/g	None
50-09102	0550-95-0014	57–60	Qbt 3	Thorium-230	0.87	pCi/g	None
50-09102	0550-95-0014	57–60	Qbt 3	Thorium-232	1.2	pCi/g	None
50-09102	0550-95-0014	57–60	Qbt 3	Tritium	23300	pCi/mL	None
50-09102	0550-95-0014	57–60	Qbt 3	Uranium-234	0.63	pCi/g	None
50-09102	0550-95-0014	57–60	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09102	0550-95-0014	57–60	Qbt 3	Uranium-238	0.65	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0019	73.2–76	Qbt 3	Americium-241	0.11	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Cesium-137	-0.02	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Cobalt-60	0.01	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Europium-152	0.14	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Plutonium-238	0	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Plutonium-239	0.01	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Ruthenium-106	0.18	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Sodium-22	0.01	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Strontium-90	-0.05	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Thorium-228	1.64	pCi/g	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Thorium-230	1.74	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Thorium-232	1.66	pCi/g	J
50-09102	0550-95-0019	73.2–76	Qbt 3	Tritium	6720	pCi/mL	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Uranium-234	0.99	pCi/g	U
50-09102	0550-95-0019	73.2–76	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09102	0550-95-0019	73.2–76	Qbt 3	Uranium-238	0.53	pCi/g	None
50-09102	0550-95-0024	95–97	Qbt 3	Americium-241	0.1	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Cobalt-60	0.03	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Europium-152	0.1	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Plutonium-238	0	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Plutonium-239	0.008	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Ruthenium-106	0.08	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Sodium-22	0.02	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Strontium-90	-0.09	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Thorium-228	1.81	pCi/g	None
50-09102	0550-95-0024	95–97	Qbt 3	Thorium-230	1.38	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Thorium-232	1.76	pCi/g	J
50-09102	0550-95-0024	95–97	Qbt 3	Tritium	274	pCi/mL	None
50-09102	0550-95-0024	95–97	Qbt 3	Uranium-234	1.21	pCi/g	U
50-09102	0550-95-0024	95–97	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09102	0550-95-0024	95–97	Qbt 3	Uranium-238	0.45	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Americium-241	0.14	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Cobalt-60	-0.01	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Europium-152	0.28	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Plutonium-238	0	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Plutonium-239	0.008	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Ruthenium-106	0.02	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Sodium-22	0.02	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Strontium-90	-0.01	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09102	0550-95-0029	108–110	Qbt 3	Thorium-228	1.58	pCi/g	None
50-09102	0550-95-0029	108–110	Qbt 3	Thorium-230	1.23	pCi/g	U
50-09102	0550-95-0029	108–110	Qbt 3	Thorium-232	1.7	pCi/g	J
50-09102	0550-95-0029	108–110	Qbt 3	Tritium	376	pCi/mL	None
50-09102	0550-95-0029	108–110	Qbt 3	Uranium-234	1.36	pCi/g	None
50-09102	0550-95-0029	108–110	Qbt 3	Uranium-235	0.07	pCi/g	None
50-09102	0550-95-0029	108–110	Qbt 3	Uranium-238	0.58	pCi/g	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Americium-241	-0.14	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Cesium-137	-0.008	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Cobalt-60	0.008	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Europium-152	0.23	pCi/g	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Plutonium-238	0.007	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Ruthenium-106	-0.13	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Sodium-22	-0.02	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Strontium-90	0.19	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Thorium-228	1.14	pCi/g	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Thorium-230	0.88	pCi/g	U
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Thorium-232	1.14	pCi/g	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Tritium	35.8	pCi/mL	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Uranium-234	0.77	pCi/g	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09103	0550-95-0104	18.5–20.8	Qbt 3	Uranium-238	0.63	pCi/g	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Americium-241	0.03	pCi/g	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Cesium-137	-0.02	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Cobalt-60	-0.04	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Europium-152	0.33	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Plutonium-238	0	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Plutonium-239	0	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Ruthenium-106	-0.05	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Sodium-22	-0.02	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Strontium-90	0.23	pCi/g	U
50-09103	0550-95-0109	36–38.8	Qbt 3	Thorium-228	1.2	pCi/g	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Thorium-230	0.8	pCi/g	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Thorium-232	1.25	pCi/g	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Tritium	7.14	pCi/mL	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Uranium-234	0.76	pCi/g	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09103	0550-95-0109	36–38.8	Qbt 3	Uranium-238	0.79	pCi/g	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Americium-241	0.04	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Cesium-134	0.1	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Cesium-137	0.11	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Cobalt-60	0.09	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Europium-152	0.35	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Plutonium-239	0.004	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Ruthenium-106	0.93	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Sodium-22	0.07	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Strontium-90	-0.25	pCi/g	U
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Thorium-228	1.49	pCi/g	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Thorium-230	1.23	pCi/g	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Thorium-232	1.45	pCi/g	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Uranium-234	1.5	pCi/g	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Uranium-235	0.21	pCi/g	None
50-09103	0550-96-0104	46.5–47.82	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Americium-241	0	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Cesium-137	-0.007	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Europium-152	0.09	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Plutonium-239	0.01	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Ruthenium-106	-0.3	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Sodium-22	-0.001	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Strontium-90	0.15	pCi/g	U
50-09103	0550-95-0114	56–58.8	Qbt 3	Thorium-228	1.28	pCi/g	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Thorium-230	0.85	pCi/g	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Thorium-232	1.42	pCi/g	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Tritium	12.7	pCi/mL	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Uranium-234	0.91	pCi/g	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09103	0550-95-0114	56–58.8	Qbt 3	Uranium-238	0.7	pCi/g	None
50-09103	0550-95-0119	78–80	Qbt 3	Americium-241	0.02	pCi/g	None
50-09103	0550-95-0119	78–80	Qbt 3	Cesium-137	0.002	pCi/g	U
50-09103	0550-95-0119	78–80	Qbt 3	Cobalt-60	0.03	pCi/g	U
50-09103	0550-95-0119	78–80	Qbt 3	Europium-152	0.3	pCi/g	None
50-09103	0550-95-0119	78–80	Qbt 3	Plutonium-238	-0.005	pCi/g	U
50-09103	0550-95-0119	78–80	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09103	0550-95-0119	78–80	Qbt 3	Ruthenium-106	-0.02	pCi/g	U
50-09103	0550-95-0119	78–80	Qbt 3	Sodium-22	0.021	pCi/g	U
50-09103	0550-95-0119	78–80	Qbt 3	Strontium-90	0.23	pCi/g	U
50-09103	0550-95-0119	78–80	Qbt 3	Thorium-228	1.23	pCi/g	None
50-09103	0550-95-0119	78–80	Qbt 3	Thorium-230	0.87	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09103	0550-95-0119	78–80	Qbt 3	Thorium-232	1.33	pCi/g	None
50-09103	0550-95-0119	78–80	Qbt 3	Tritium	6.32	pCi/mL	None
50-09103	0550-95-0119	78–80	Qbt 3	Uranium-234	0.65	pCi/g	None
50-09103	0550-95-0119	78–80	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09103	0550-95-0119	78–80	Qbt 3	Uranium-238	0.71	pCi/g	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Americium-241	0.009	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Cesium-137	-0.006	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Cobalt-60	0.02	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Europium-152	0.08	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Plutonium-238	-0.004	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Plutonium-239	-0.004	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Ruthenium-106	-0.17	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Sodium-22	-0.009	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Strontium-90	0.32	pCi/g	U
50-09103	0550-95-0124	94.7–98	Qbt 3	Thorium-228	1.16	pCi/g	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Thorium-230	0.77	pCi/g	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Thorium-232	1.14	pCi/g	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Tritium	14.4	pCi/mL	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Uranium-234	0.74	pCi/g	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09103	0550-95-0124	94.7–98	Qbt 3	Uranium-238	0.61	pCi/g	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Americium-241	0.009	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Cesium-137	0.001	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Cobalt-60	0.004	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Europium-152	0.11	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Plutonium-239	0.007	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Ruthenium-106	0.13	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Sodium-22	-0.004	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Strontium-90	0.6	pCi/g	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Thorium-228	1.11	pCi/g	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Thorium-230	0.7	pCi/g	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Thorium-232	1.07	pCi/g	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Tritium	2.17	pCi/mL	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Uranium-234	0.63	pCi/g	None
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Uranium-235	0.02	pCi/g	U
50-09103	0550-95-0129	114.8–116.8	Qbt 3	Uranium-238	0.57	pCi/g	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Americium-241	0.003	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Cesium-134	0.32	pCi/g	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Cesium-137	0.11	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Cobalt-60	0.08	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Plutonium-238	0.004	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Ruthenium-106	0.47	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Sodium-22	0.22	pCi/g	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Strontium-90	0.05	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Thorium-228	1.51	pCi/g	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Thorium-230	1.24	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Thorium-232	1.45	pCi/g	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Tritium	3.47	pCi/mL	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Uranium-234	1.21	pCi/g	None
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Uranium-235	0.07	pCi/g	U
50-09104	0550-95-0075	10.9–12.9	Qbt 3	Uranium-238	1.12	pCi/g	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Americium-241	0.003	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Cesium-134	0.08	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Cesium-137	0.14	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Cobalt-60	0.32	pCi/g	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Plutonium-238	0.004	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Ruthenium-106	0.64	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Sodium-22	0.03	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Strontium-90	0.1	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Thorium-228	1.58	pCi/g	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Thorium-230	1.27	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Thorium-232	1.49	pCi/g	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Tritium	290.66	pCi/mL	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Uranium-234	1.31	pCi/g	None
50-09104	0550-95-0079	26.3–28	Qbt 3	Uranium-235	0.06	pCi/g	U
50-09104	0550-95-0079	26.3–28	Qbt 3	Uranium-238	1.23	pCi/g	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Americium-241	0.003	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Cesium-134	0.1	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Cesium-137	0.13	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Cobalt-60	0.07	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Ruthenium-106	0.28	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Sodium-22	0.22	pCi/g	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Strontium-90	0.03	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Thorium-228	1.5	pCi/g	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Thorium-230	1.22	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Thorium-232	1.47	pCi/g	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Tritium	378.19	pCi/mL	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Uranium-234	1.09	pCi/g	None
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Uranium-235	0.04	pCi/g	U
50-09104	0550-95-0083	36.6–38.6	Qbt 3	Uranium-238	1.17	pCi/g	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Americium-241	0.03	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Cesium-134	0.11	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Cesium-137	0.08	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Cobalt-60	0.14	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Europium-152	0.44	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Plutonium-238	0.007	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Ruthenium-106	0.37	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Sodium-22	0.12	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Strontium-90	0.22	pCi/g	U
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Thorium-228	1.54	pCi/g	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Thorium-230	1.33	pCi/g	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Thorium-232	1.43	pCi/g	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Uranium-234	1.3	pCi/g	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Uranium-235	0.23	pCi/g	None
50-09104	0550-96-0105	44.1–45.1	Qbt 3	Uranium-238	1.4	pCi/g	None
50-09104	0550-95-0087	58–60	Qbt 3	Americium-241	0.004	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Cesium-134	0.07	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Cesium-137	0.13	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Cobalt-60	0.1	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Plutonium-238	0.001	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Plutonium-239	0	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Ruthenium-106	0.41	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Sodium-22	0.01	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Strontium-90	0.13	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Thorium-228	1.43	pCi/g	None
50-09104	0550-95-0087	58–60	Qbt 3	Thorium-230	1.22	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Thorium-232	1.43	pCi/g	None
50-09104	0550-95-0087	58–60	Qbt 3	Tritium	43.15	pCi/mL	None
50-09104	0550-95-0087	58–60	Qbt 3	Uranium-234	1.34	pCi/g	None
50-09104	0550-95-0087	58–60	Qbt 3	Uranium-235	0.06	pCi/g	U
50-09104	0550-95-0087	58–60	Qbt 3	Uranium-238	1.33	pCi/g	None
50-09104	0550-95-0095	79–81	Qbt 3	Americium-241	0.003	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Cesium-134	0.09	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Cesium-137	0.11	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Cobalt-60	0.06	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Plutonium-239	0.002	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09104	0550-95-0095	79–81	Qbt 3	Ruthenium-106	0.55	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Sodium-22	0.04	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Strontium-90	0.08	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Thorium-228	1.46	pCi/g	None
50-09104	0550-95-0095	79–81	Qbt 3	Thorium-230	1.22	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Thorium-232	1.44	pCi/g	None
50-09104	0550-95-0095	79–81	Qbt 3	Tritium	3.26	pCi/mL	None
50-09104	0550-95-0095	79–81	Qbt 3	Uranium-234	1.12	pCi/g	None
50-09104	0550-95-0095	79–81	Qbt 3	Uranium-235	0.08	pCi/g	U
50-09104	0550-95-0095	79–81	Qbt 3	Uranium-238	1.18	pCi/g	None
50-09104	0550-95-0099	85–87	Qbt 3	Americium-241	0.004	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Cesium-134	0.08	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Cesium-137	0.13	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Cobalt-60	0.08	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Plutonium-239	0	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Ruthenium-106	0.69	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Sodium-22	0.05	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Strontium-90	0.06	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Thorium-228	1.54	pCi/g	None
50-09104	0550-95-0099	85–87	Qbt 3	Thorium-230	1.28	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Thorium-232	1.45	pCi/g	None
50-09104	0550-95-0099	85–87	Qbt 3	Tritium	1.9	pCi/mL	None
50-09104	0550-95-0099	85–87	Qbt 3	Uranium-234	1.24	pCi/g	None
50-09104	0550-95-0099	85–87	Qbt 3	Uranium-235	0.05	pCi/g	U
50-09104	0550-95-0099	85–87	Qbt 3	Uranium-238	1.26	pCi/g	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Americium-241	0.02	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Cesium-137	0.77	pCi/g	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Europium-152	0.07	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Ruthenium-106	-0.02	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Sodium-22	-0.009	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Strontium-90	0.14	pCi/g	U
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Thorium-228	1.27	pCi/g	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Thorium-230	0.82	pCi/g	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Thorium-232	1.22	pCi/g	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Tritium	3.84	pCi/mL	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Uranium-234	0.63	pCi/g	None
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Uranium-235	0.02	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0135	16.1–18.5	Qbt 3	Uranium-238	0.59	pCi/g	None
50-09105	0550-95-0140	35–38	Qbt 3	Americium-241	-0.004	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Cobalt-60	0.01	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Europium-152	0.09	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Plutonium-238	-0.002	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Plutonium-239	0	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Ruthenium-106	-0.19	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Sodium-22	0.001	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Strontium-90	0.35	pCi/g	U
50-09105	0550-95-0140	35–38	Qbt 3	Thorium-228	1.153	pCi/g	None
50-09105	0550-95-0140	35–38	Qbt 3	Thorium-230	0.7	pCi/g	None
50-09105	0550-95-0140	35–38	Qbt 3	Thorium-232	1.21	pCi/g	None
50-09105	0550-95-0140	35–38	Qbt 3	Tritium	1.5	pCi/mL	None
50-09105	0550-95-0140	35–38	Qbt 3	Uranium-234	0.6	pCi/g	None
50-09105	0550-95-0140	35–38	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09105	0550-95-0140	35–38	Qbt 3	Uranium-238	0.55	pCi/g	None
50-09105	0550-95-0145	57–59	Qbt 3	Americium-241	0.04	pCi/g	None
50-09105	0550-95-0145	57–59	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Cobalt-60	-0.03	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Europium-152	-0.002	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Plutonium-238	-0.004	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Plutonium-239	0	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Ruthenium-106	-0.06	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Sodium-22	-0.02	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Strontium-90	0.19	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Thorium-228	1.29	pCi/g	None
50-09105	0550-95-0145	57–59	Qbt 3	Thorium-230	0.75	pCi/g	None
50-09105	0550-95-0145	57–59	Qbt 3	Thorium-232	1.44	pCi/g	None
50-09105	0550-95-0145	57–59	Qbt 3	Tritium	481	pCi/mL	None
50-09105	0550-95-0145	57–59	Qbt 3	Uranium-234	0.69	pCi/g	None
50-09105	0550-95-0145	57–59	Qbt 3	Uranium-235	0.02	pCi/g	U
50-09105	0550-95-0145	57–59	Qbt 3	Uranium-238	0.72	pCi/g	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Americium-241	0.03	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Cesium-134	0.1	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Cesium-137	0.06	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Cobalt-60	0.11	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Europium-152	0.78	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Plutonium-239	0	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Ruthenium-106	0.92	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-96-0106	62.1–63	Qbt 3	Sodium-22	0.07	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Strontium-90	-0.02	pCi/g	U
50-09105	0550-96-0106	62.1–63	Qbt 3	Thorium-228	1.49	pCi/g	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Thorium-230	1.22	pCi/g	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Thorium-232	1.5	pCi/g	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Uranium-234	1.3	pCi/g	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Uranium-235	0.21	pCi/g	None
50-09105	0550-96-0106	62.1–63	Qbt 3	Uranium-238	1.4	pCi/g	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Americium-241	0.02	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Cesium-137	0.001	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Cobalt-60	-0.04	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Europium-152	0.01	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Plutonium-238	-0.005	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Plutonium-239	0	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Ruthenium-106	0.07	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Sodium-22	0.02	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Strontium-90	0.38	pCi/g	U
50-09105	0550-95-0150	77–79.7	Qbt 3	Thorium-228	1.33	pCi/g	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Thorium-230	0.81	pCi/g	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Thorium-232	1.24	pCi/g	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Tritium	6.1	pCi/mL	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Uranium-234	0.73	pCi/g	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09105	0550-95-0150	77–79.7	Qbt 3	Uranium-238	0.61	pCi/g	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Americium-241	0.005	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Cesium-137	-0.003	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Cobalt-60	0.001	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Europium-152	0.12	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Plutonium-238	0	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Plutonium-239	0.007	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Ruthenium-106	0.08	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Sodium-22	-0.01	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Strontium-90	-0.007	pCi/g	U
50-09105	0550-95-0155	97–99.8	Qbt 3	Thorium-228	1.22	pCi/g	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Thorium-230	0.7	pCi/g	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Thorium-232	1.15	pCi/g	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Tritium	3.22	pCi/mL	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Uranium-234	0.67	pCi/g	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09105	0550-95-0155	97–99.8	Qbt 3	Uranium-238	0.67	pCi/g	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Americium-241	0.08	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09105	0550-95-0160	117.7–120	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Cobalt-60	0.03	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Europium-152	0.17	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Plutonium-239	0.08	pCi/g	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Ruthenium-106	0.06	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Sodium-22	-0.01	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Strontium-90	0.14	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Thorium-228	0.73	pCi/g	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Thorium-230	1.02	pCi/g	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Thorium-232	0.64	pCi/g	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Tritium	1.4	pCi/mL	U
50-09105	0550-95-0160	117.7–120	Qbt 3	Uranium-234	0.81	pCi/g	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09105	0550-95-0160	117.7–120	Qbt 3	Uranium-238	0.63	pCi/g	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Americium-241	0.02	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Cobalt-60	-0.001	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Europium-152	0.14	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Plutonium-239	0	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Ruthenium-106	-0.09	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Sodium-22	0.03	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Strontium-90	-0.52	pCi/g	U
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Thorium-228	1.22	pCi/g	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Thorium-230	0.8	pCi/g	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Thorium-232	1.23	pCi/g	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Tritium	126	pCi/mL	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Uranium-234	0.71	pCi/g	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09106	0550-95-0046	27.5–30.5	Qbt 3	Uranium-238	0.64	pCi/g	None
50-09106	0550-95-0050	41–44	Qbt 3	Americium-241	0.002	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Cesium-137	-0.003	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Europium-152	0.06	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Plutonium-238	-0.009	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Ruthenium-106	0.05	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Sodium-22	0.02	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Strontium-90	0.5	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Thorium-228	1.28	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0050	41–44	Qbt 3	Thorium-230	0.75	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Thorium-232	1.15	pCi/g	U
50-09106	0550-95-0050	41–44	Qbt 3	Tritium	38100	pCi/mL	None
50-09106	0550-95-0050	41–44	Qbt 3	Uranium-234	0.6	pCi/g	None
50-09106	0550-95-0050	41–44	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09106	0550-95-0050	41–44	Qbt 3	Uranium-238	0.56	pCi/g	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Americium-241	-0.009	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Cesium-137	-0.003	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Cobalt-60	-0.007	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Europium-152	0.18	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Plutonium-238	-0.002	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Ruthenium-106	-0.01	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Sodium-22	0.003	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Strontium-90	0.53	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Thorium-228	1.11	pCi/g	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Thorium-230	0.71	pCi/g	U
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Thorium-232	1.01	pCi/g	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Tritium	6440	pCi/mL	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Uranium-234	0.68	pCi/g	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09106	0550-95-0054	56.5–58.5	Qbt 3	Uranium-238	0.87	pCi/g	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Americium-241	-0.004	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Cesium-137	0.003	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Europium-152	0.07	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Plutonium-238	-0.009	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Plutonium-239	0	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Ruthenium-106	-0.12	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Sodium-22	0.01	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Strontium-90	0.65	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Thorium-228	1.34	pCi/g	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Thorium-230	0.85	pCi/g	U
50-09106	0550-95-0058	70.5–73	Qbt 3	Thorium-232	1.16	pCi/g	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Tritium	28	pCi/mL	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Uranium-234	0.68	pCi/g	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09106	0550-95-0058	70.5–73	Qbt 3	Uranium-238	0.74	pCi/g	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Americium-241	0.009	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Cobalt-60	0.007	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0063	86–88.5	Qbt 3	Europium-152	0.07	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Plutonium-238	0	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Ruthenium-106	0.17	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Sodium-22	-0.003	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Strontium-90	0.51	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Thorium-228	1.25	pCi/g	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Thorium-230	0.85	pCi/g	U
50-09106	0550-95-0063	86–88.5	Qbt 3	Thorium-232	1.17	pCi/g	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Tritium	14.8	pCi/mL	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Uranium-234	0.7	pCi/g	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Uranium-235	0.05	pCi/g	None
50-09106	0550-95-0063	86–88.5	Qbt 3	Uranium-238	0.76	pCi/g	None
50-09106	0550-95-0067	102–104	Qbt 3	Americium-241	0.02	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Cesium-137	0.004	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Cobalt-60	-0.009	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Europium-152	0.11	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Plutonium-238	0	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Plutonium-239	0	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Ruthenium-106	0.03	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Sodium-22	-0.02	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Strontium-90	0.48	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Thorium-228	1.08	pCi/g	None
50-09106	0550-95-0067	102–104	Qbt 3	Thorium-230	0.7	pCi/g	U
50-09106	0550-95-0067	102–104	Qbt 3	Thorium-232	1.03	pCi/g	None
50-09106	0550-95-0067	102–104	Qbt 3	Tritium	64.9	pCi/mL	None
50-09106	0550-95-0067	102–104	Qbt 3	Uranium-234	0.59	pCi/g	None
50-09106	0550-95-0067	102–104	Qbt 3	Uranium-235	0.02	pCi/g	None
50-09106	0550-95-0067	102–104	Qbt 3	Uranium-238	0.61	pCi/g	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Americium-241	-0.005	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Cesium-137	0.004	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Europium-152	0.16	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Plutonium-238	-0.005	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Plutonium-239	0.009	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Ruthenium-106	-0.11	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Sodium-22	-0.006	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Strontium-90	0.77	pCi/g	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Thorium-228	1.06	pCi/g	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Thorium-230	0.77	pCi/g	U
50-09106	0550-95-0071	115.5–118	Qbt 3	Thorium-232	0.93	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09106	0550-95-0071	115.5–118	Qbt 3	Tritium	30.1	pCi/mL	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Uranium-234	0.66	pCi/g	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Uranium-235	0.02	pCi/g	None
50-09106	0550-95-0071	115.5–118	Qbt 3	Uranium-238	0.63	pCi/g	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Americium-241	0.01	pCi/g	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Cesium-134	0.1	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Cesium-137	0.16	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Cobalt-60	0.11	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Plutonium-239	0.01	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Ruthenium-106	0.69	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Sodium-22	0.14	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Strontium-90	-0.05	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Thorium-228	1.44	pCi/g	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Thorium-230	1.17	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Thorium-232	1.44	pCi/g	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Tritium	12.05	pCi/mL	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Uranium-234	1.11	pCi/g	None
50-09107	0550-95-0166	14–15.8	Qbt 3	Uranium-235	0.03	pCi/g	U
50-09107	0550-95-0166	14–15.8	Qbt 3	Uranium-238	1.13	pCi/g	None
50-09107	0550-95-0171	36–39	Qbt 3	Americium-241	0.005	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Cesium-134	0.06	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Cesium-137	0.11	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Cobalt-60	0.08	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Ruthenium-106	0.36	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Sodium-22	0.06	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Strontium-90	0.01	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Thorium-228	1.58	pCi/g	None
50-09107	0550-95-0171	36–39	Qbt 3	Thorium-230	1.28	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Thorium-232	1.54	pCi/g	None
50-09107	0550-95-0171	36–39	Qbt 3	Tritium	10372.71	pCi/mL	None
50-09107	0550-95-0171	36–39	Qbt 3	Uranium-234	1.06	pCi/g	None
50-09107	0550-95-0171	36–39	Qbt 3	Uranium-235	0.07	pCi/g	U
50-09107	0550-95-0171	36–39	Qbt 3	Uranium-238	1.36	pCi/g	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Americium-241	0.03	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Cesium-134	0.11	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Cesium-137	0.08	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Cobalt-60	0.15	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Europium-152	0.38	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Ruthenium-106	1.28	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Sodium-22	0.09	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Strontium-90	-0.01	pCi/g	U
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Thorium-228	1.46	pCi/g	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Thorium-230	1.16	pCi/g	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Thorium-232	1.35	pCi/g	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Uranium-234	1.2	pCi/g	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Uranium-235	0.2	pCi/g	None
50-09107	0550-96-0107	46.9–48.5	Qbt 3	Uranium-238	1	pCi/g	None
50-09107	0550-95-0176	57–59	Qbt 3	Americium-241	0.004	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Cesium-134	0.14	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Cesium-137	0.16	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Cobalt-60	0.13	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Ruthenium-106	0.57	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Sodium-22	0.11	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Strontium-90	0.02	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Thorium-228	1.57	pCi/g	None
50-09107	0550-95-0176	57–59	Qbt 3	Thorium-230	1.28	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Thorium-232	1.47	pCi/g	None
50-09107	0550-95-0176	57–59	Qbt 3	Tritium	649261	pCi/mL	None
50-09107	0550-95-0176	57–59	Qbt 3	Uranium-234	1.15	pCi/g	None
50-09107	0550-95-0176	57–59	Qbt 3	Uranium-235	0.06	pCi/g	U
50-09107	0550-95-0176	57–59	Qbt 3	Uranium-238	1.19	pCi/g	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Americium-241	0.02	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Cesium-134	0.08	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Cesium-137	0.09	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Cobalt-60	0.11	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Europium-152	0.38	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Plutonium-238	0.007	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Ruthenium-106	0.37	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Sodium-22	0.14	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Strontium-90	-0.17	pCi/g	U
50-09107	0550-96-0108	66.2–67	Qbt 3	Thorium-228	1.6	pCi/g	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Thorium-230	1.33	pCi/g	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Thorium-232	1.46	pCi/g	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Uranium-234	1.2	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-96-0108	66.2–67	Qbt 3	Uranium-235	0.23	pCi/g	None
50-09107	0550-96-0108	66.2–67	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09107	0550-95-0181	75–78.6	Qbt 3	Americium-241	0.007	pCi/g	None
50-09107	0550-95-0181	75–78.6	Qbt 3	Cesium-134	0.11	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Cesium-137	0.15	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Cobalt-60	0.12	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Ruthenium-106	0.69	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Sodium-22	0.1	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Strontium-90	-0.02	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Thorium-228	1.55	pCi/g	None
50-09107	0550-95-0181	75–78.6	Qbt 3	Thorium-230	1.27	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Thorium-232	1.49	pCi/g	None
50-09107	0550-95-0181	75–78.6	Qbt 3	Tritium	207792	pCi/mL	None
50-09107	0550-95-0181	75–78.6	Qbt 3	Uranium-234	1.25	pCi/g	None
50-09107	0550-95-0181	75–78.6	Qbt 3	Uranium-235	0.09	pCi/g	U
50-09107	0550-95-0181	75–78.6	Qbt 3	Uranium-238	1.15	pCi/g	None
50-09107	0550-95-0186	95–97	Qbt 3	Americium-241	0.009	pCi/g	None
50-09107	0550-95-0186	95–97	Qbt 3	Cesium-134	0.1	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Cesium-137	0.05	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Cobalt-60	0.11	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Plutonium-238	0.004	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Ruthenium-106	0.59	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Sodium-22	0.02	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Strontium-90	0.02	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Thorium-228	1.52	pCi/g	None
50-09107	0550-95-0186	95–97	Qbt 3	Thorium-230	1.29	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Thorium-232	1.5	pCi/g	None
50-09107	0550-95-0186	95–97	Qbt 3	Tritium	13826.82	pCi/mL	None
50-09107	0550-95-0186	95–97	Qbt 3	Uranium-234	1.09	pCi/g	None
50-09107	0550-95-0186	95–97	Qbt 3	Uranium-235	0.06	pCi/g	U
50-09107	0550-95-0186	95–97	Qbt 3	Uranium-238	0.59	pCi/g	None
50-09107	0550-95-0191	108–111	Qbt 3	Americium-241	0.03	pCi/g	None
50-09107	0550-95-0191	108–111	Qbt 3	Cesium-134	0.14	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Cesium-137	0.12	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Cobalt-60	0.12	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Ruthenium-106	0.54	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09107	0550-95-0191	108–111	Qbt 3	Sodium-22	0.04	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Strontium-90	0.05	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Thorium-228	1.51	pCi/g	None
50-09107	0550-95-0191	108–111	Qbt 3	Thorium-230	1.31	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Thorium-232	1.54	pCi/g	None
50-09107	0550-95-0191	108–111	Qbt 3	Tritium	581.52	pCi/mL	None
50-09107	0550-95-0191	108–111	Qbt 3	Uranium-234	1.21	pCi/g	None
50-09107	0550-95-0191	108–111	Qbt 3	Uranium-235	0.06	pCi/g	U
50-09107	0550-95-0191	108–111	Qbt 3	Uranium-238	1.25	pCi/g	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Americium-241	0.006	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Cesium-134	0.1	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Cesium-137	0.12	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Cobalt-60	0.08	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Ruthenium-106	0.84	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Sodium-22	0.05	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Strontium-90	0	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Thorium-228	1.5	pCi/g	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Thorium-230	1.27	pCi/g	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Thorium-232	1.46	pCi/g	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Tritium	3.08	pCi/mL	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Uranium-234	1.13	pCi/g	None
50-09108	0550-95-0195	15–16.8	Qbt 3	Uranium-235	0.06	pCi/g	U
50-09108	0550-95-0195	15–16.8	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Americium-241	0.03	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Cesium-134	0.29	pCi/g	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Cesium-137	0.12	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Cobalt-60	0.12	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Europium-152	0.46	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Ruthenium-106	0.55	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Sodium-22	0.1	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Strontium-90	-0.07	pCi/g	U
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Thorium-228	1.26	pCi/g	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Thorium-230	1.12	pCi/g	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Thorium-232	1.25	pCi/g	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Uranium-234	1.2	pCi/g	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Uranium-235	0.22	pCi/g	None
50-09108	0550-96-0109	24.5–25.5	Qbt 3	Uranium-238	1.3	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0200	37–38.6	Qbt 3	Americium-241	0.005	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Cesium-134	0.1	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Cesium-137	0.16	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Cobalt-60	0.1	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Plutonium-239	0	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Ruthenium-106	0.77	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Sodium-22	0.06	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Strontium-90	-0.03	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Thorium-228	1.46	pCi/g	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Thorium-230	1.23	pCi/g	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Thorium-232	1.44	pCi/g	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Tritium	12.02	pCi/mL	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Uranium-234	1.13	pCi/g	None
50-09108	0550-95-0200	37–38.6	Qbt 3	Uranium-235	0.07	pCi/g	U
50-09108	0550-95-0200	37–38.6	Qbt 3	Uranium-238	1.24	pCi/g	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Americium-241	0.02	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Cesium-134	0.14	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Cesium-137	0.05	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Cobalt-60	0.09	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Europium-152	0.38	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Plutonium-238	0.005	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Plutonium-239	0.003	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Ruthenium-106	0.79	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Sodium-22	0.09	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Strontium-90	-0.32	pCi/g	U
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Thorium-228	1.67	pCi/g	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Thorium-230	1.34	pCi/g	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Thorium-232	1.67	pCi/g	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Uranium-234	1.3	pCi/g	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Uranium-235	0.22	pCi/g	None
50-09108	0550-96-0110	44.9–45.9	Qbt 3	Uranium-238	1.4	pCi/g	None
50-09108	0550-95-0205	57–59	Qbt 3	Americium-241	0.005	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Cesium-134	0.15	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Cesium-137	0.09	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Cobalt-60	0.1	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Plutonium-238	0.004	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Ruthenium-106	0.92	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Sodium-22	0.1	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Strontium-90	-0.03	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0205	57–59	Qbt 3	Thorium-228	1.54	pCi/g	None
50-09108	0550-95-0205	57–59	Qbt 3	Thorium-230	1.22	pCi/g	None
50-09108	0550-95-0205	57–59	Qbt 3	Thorium-232	1.46	pCi/g	None
50-09108	0550-95-0205	57–59	Qbt 3	Tritium	5.46	pCi/mL	None
50-09108	0550-95-0205	57–59	Qbt 3	Uranium-234	1.15	pCi/g	None
50-09108	0550-95-0205	57–59	Qbt 3	Uranium-235	0.11	pCi/g	U
50-09108	0550-95-0205	57–59	Qbt 3	Uranium-238	1.31	pCi/g	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Americium-241	0.004	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Cesium-134	0.12	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Cesium-137	0.16	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Cobalt-60	0.07	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Plutonium-238	0.003	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Plutonium-239	0	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Ruthenium-106	1.2	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Sodium-22	0.1	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Strontium-90	-0.04	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Thorium-228	1.54	pCi/g	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Thorium-230	1.31	pCi/g	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Thorium-232	1.48	pCi/g	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Tritium	388.83	pCi/mL	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Uranium-234	1.14	pCi/g	None
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Uranium-235	0.09	pCi/g	U
50-09108	0550-95-0210	76.6–78.6	Qbt 3	Uranium-238	1.19	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Americium-241	0.002	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Cesium-134	0.02	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Cesium-137	0	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Cobalt-60	-0.006	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Europium-152	0.002	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Plutonium-238	0.01	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Ruthenium-106	-0.23	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Sodium-22	-0.03	pCi/g	U
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Strontium-90	0.44	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Thorium-228	1.17	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Thorium-230	0.76	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Thorium-232	1.11	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Tritium	974	pCi/mL	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Uranium-234	0.78	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Uranium-235	0.06	pCi/g	None
50-09108	0550-95-0215	95.5–97.5	Qbt 3	Uranium-238	0.82	pCi/g	None
50-09108	0550-95-0220	112–115	Qbt 3	Americium-241	-0.002	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09108	0550-95-0220	112–115	Qbt 3	Cesium-134	0.02	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Cesium-137	0.007	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Cobalt-60	0.02	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Europium-152	0.04	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Plutonium-238	0	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Ruthenium-106	0.14	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Sodium-22	-0.01	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Strontium-90	0.22	pCi/g	U
50-09108	0550-95-0220	112–115	Qbt 3	Thorium-228	1.03	pCi/g	None
50-09108	0550-95-0220	112–115	Qbt 3	Thorium-230	0.75	pCi/g	None
50-09108	0550-95-0220	112–115	Qbt 3	Thorium-232	1.1	pCi/g	None
50-09108	0550-95-0220	112–115	Qbt 3	Tritium	1660	pCi/mL	None
50-09108	0550-95-0220	112–115	Qbt 3	Uranium-234	0.67	pCi/g	None
50-09108	0550-95-0220	112–115	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09108	0550-95-0220	112–115	Qbt 3	Uranium-238	0.77	pCi/g	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Americium-241	0.01	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Cesium-134	0.003	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Cesium-137	0.01	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Cobalt-60	-0.02	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Europium-152	0.03	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Plutonium-238	-0.01	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Ruthenium-106	-0.03	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Sodium-22	0.04	pCi/g	U
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Strontium-90	1.44	pCi/g	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Thorium-228	1.03	pCi/g	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Thorium-230	0.73	pCi/g	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Thorium-232	1.04	pCi/g	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Tritium	4.63	pCi/mL	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Uranium-234	0.91	pCi/g	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Uranium-235	0.06	pCi/g	None
50-09109	0550-95-0226	18.2–20.2	Qbt 3	Uranium-238	2.36	pCi/g	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Americium-241	0.03	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Cesium-134	0.006	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Cesium-137	-0.02	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Cobalt-60	0.02	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Europium-152	0.01	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Ruthenium-106	0.17	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0231	34.1–36	Qbt 3	Sodium-22	0.001	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Strontium-90	0.33	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Thorium-228	1.39	pCi/g	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Thorium-230	0.84	pCi/g	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Thorium-232	1.28	pCi/g	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Tritium	10.3	pCi/mL	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Uranium-234	0.59	pCi/g	None
50-09109	0550-95-0231	34.1–36	Qbt 3	Uranium-235	0.01	pCi/g	U
50-09109	0550-95-0231	34.1–36	Qbt 3	Uranium-238	0.63	pCi/g	None
50-09109	0550-96-0111	46–47	Qbt 3	Americium-241	0.02	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Cesium-134	0.09	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Cesium-137	0.1	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Cobalt-60	0.13	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Europium-152	0.58	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Plutonium-238	0.002	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Ruthenium-106	0.34	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Sodium-22	0.11	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Strontium-90	-0.04	pCi/g	U
50-09109	0550-96-0111	46–47	Qbt 3	Thorium-228	1.51	pCi/g	None
50-09109	0550-96-0111	46–47	Qbt 3	Thorium-230	1.16	pCi/g	None
50-09109	0550-96-0111	46–47	Qbt 3	Thorium-232	1.49	pCi/g	None
50-09109	0550-96-0111	46–47	Qbt 3	Uranium-234	1.2	pCi/g	None
50-09109	0550-96-0111	46–47	Qbt 3	Uranium-235	0.21	pCi/g	None
50-09109	0550-96-0111	46–47	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Americium-241	0.03	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Cesium-134	-0.004	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Cesium-137	-0.004	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Cobalt-60	0.04	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Europium-152	0.01	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Plutonium-238	-0.005	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Ruthenium-106	0.01	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Sodium-22	0.01	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Strontium-90	0.04	pCi/g	U
50-09109	0550-95-0236	57.8–60	Qbt 3	Thorium-228	1.25	pCi/g	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Thorium-230	0.78	pCi/g	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Thorium-232	1.11	pCi/g	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Tritium	11.6	pCi/mL	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Uranium-234	0.74	pCi/g	None
50-09109	0550-95-0236	57.8–60	Qbt 3	Uranium-235	0.04	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0236	57.8–60	Qbt 3	Uranium-238	1.09	pCi/g	None
50-09109	0550-96-0112	66–67	Qbt 3	Americium-241	0.03	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Cesium-134	0.2	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Cesium-137	0.13	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Cobalt-60	0.06	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Europium-152	0.37	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Plutonium-238	0.005	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Plutonium-239	-0.002	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Ruthenium-106	1.05	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Sodium-22	0.09	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Strontium-90	0	pCi/g	U
50-09109	0550-96-0112	66–67	Qbt 3	Thorium-228	1.39	pCi/g	None
50-09109	0550-96-0112	66–67	Qbt 3	Thorium-230	1.31	pCi/g	None
50-09109	0550-96-0112	66–67	Qbt 3	Thorium-232	1.36	pCi/g	None
50-09109	0550-96-0112	66–67	Qbt 3	Uranium-234	1.3	pCi/g	None
50-09109	0550-96-0112	66–67	Qbt 3	Uranium-235	0.21	pCi/g	None
50-09109	0550-96-0112	66–67	Qbt 3	Uranium-238	1.4	pCi/g	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Americium-241	0.02	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Cesium-134	-0.002	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Cesium-137	0.004	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Cobalt-60	-0.005	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Europium-152	0.005	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Plutonium-238	0.005	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Plutonium-239	0.005	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Ruthenium-106	0.11	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Sodium-22	0.02	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Strontium-90	0.19	pCi/g	U
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Thorium-228	1.31	pCi/g	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Thorium-230	0.73	pCi/g	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Thorium-232	1.25	pCi/g	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Tritium	6.05	pCi/mL	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Uranium-234	0.67	pCi/g	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09109	0550-95-0246	77.4–79.7	Qbt 3	Uranium-238	0.69	pCi/g	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Americium-241	-0.01	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Cesium-134	-0.001	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Cesium-137	-0.001	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Cobalt-60	-0.01	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Europium-152	0.01	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Plutonium-238	0	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Plutonium-239	0.007	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Ruthenium-106	0	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Sodium-22	-0.008	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Strontium-90	-0.08	pCi/g	U
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Thorium-228	1.16	pCi/g	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Thorium-230	0.84	pCi/g	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Thorium-232	1.33	pCi/g	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Tritium	5220	pCi/mL	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Uranium-234	0.61	pCi/g	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Uranium-235	0.04	pCi/g	None
50-09109	0550-95-0251	88.6–88.8	Qbt 3	Uranium-238	0.69	pCi/g	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Americium-241	0.02	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Cesium-134	0.004	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Cesium-137	0.02	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Cobalt-60	0.007	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Europium-152	-0.02	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Plutonium-238	-0.002	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Ruthenium-106	-0.01	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Sodium-22	0.06	pCi/g	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Strontium-90	0.06	pCi/g	U
50-09109	0550-95-0241	113–114.7	Qbt 3	Thorium-228	1.23	pCi/g	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Thorium-230	0.75	pCi/g	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Thorium-232	1.13	pCi/g	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Tritium	5.43	pCi/mL	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Uranium-234	0.59	pCi/g	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Uranium-235	0.03	pCi/g	None
50-09109	0550-95-0241	113–114.7	Qbt 3	Uranium-238	0.62	pCi/g	None
50-09110	0550-95-0259	17–19	Qbt 3	Americium-241	0.09	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Cesium-137	-0.009	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Cobalt-60	0.009	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Europium-152	0.25	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Plutonium-238	0.004	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Plutonium-239	0.004	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Ruthenium-106	-0.04	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Sodium-22	-0.002	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Strontium-90	0.13	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Thorium-228	0.08	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Thorium-230	0.46	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Thorium-232	0.06	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Tritium	210	pCi/mL	D
50-09110	0550-95-0259	17–19	Qbt 3	Uranium-234	0.63	pCi/g	None

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0259	17–19	Qbt 3	Uranium-235	0.02	pCi/g	U
50-09110	0550-95-0259	17–19	Qbt 3	Uranium-238	0.32	pCi/g	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Americium-241	0.02	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Cesium-134	0.12	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Cesium-137	0.04	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Cobalt-60	0.11	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Europium-152	0.48	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Plutonium-238	0.006	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Plutonium-239	0.002	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Ruthenium-106	0.88	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Sodium-22	0.15	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Strontium-90	0.15	pCi/g	U
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Thorium-228	1.64	pCi/g	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Thorium-230	1.26	pCi/g	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Thorium-232	1.6	pCi/g	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Uranium-234	1.3	pCi/g	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Uranium-235	0.22	pCi/g	None
50-09110	0550-96-0113	24.1–24.8	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09110	0550-95-0264	38–40	Qbt 3	Americium-241	0.18	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Cesium-137	-0.02	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Cobalt-60	0.0008	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Europium-152	0.32	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Plutonium-238	0	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Plutonium-239	0	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Ruthenium-106	0.109	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Sodium-22	0.01	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Strontium-90	0.01	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Thorium-228	0.25	pCi/g	None
50-09110	0550-95-0264	38–40	Qbt 3	Thorium-230	0.56	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Thorium-232	0.12	pCi/g	None
50-09110	0550-95-0264	38–40	Qbt 3	Tritium	36200	pCi/mL	D
50-09110	0550-95-0264	38–40	Qbt 3	Uranium-234	0.73	pCi/g	None
50-09110	0550-95-0264	38–40	Qbt 3	Uranium-235	0.009	pCi/g	U
50-09110	0550-95-0264	38–40	Qbt 3	Uranium-238	0.3	pCi/g	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Americium-241	0.03	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Cesium-134	0.08	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Cesium-137	0.11	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Cobalt-60	0.08	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Europium-152	0.45	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Plutonium-238	0.01	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Plutonium-239	0	pCi/g	U

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Ruthenium-106	0.79	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Sodium-22	0.08	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Strontium-90	-0.11	pCi/g	U
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Thorium-228	1.38	pCi/g	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Thorium-230	1.08	pCi/g	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Thorium-232	1.35	pCi/g	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Uranium-234	1.2	pCi/g	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Uranium-235	0.21	pCi/g	None
50-09110	0550-96-0114	48.5–49.5	Qbt 3	Uranium-238	1.3	pCi/g	None
50-09110	0550-95-0269	59–60.8	Qbt 3	Americium-241	0.06	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Cesium-137	-0.01	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Cobalt-60	-0.003	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Europium-152	0.14	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Plutonium-238	0.006	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Plutonium-239	0.008	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Ruthenium-106	-0.02	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Sodium-22	-0.007	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Strontium-90	0.17	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Thorium-228	0.28	pCi/g	None
50-09110	0550-95-0269	59–60.8	Qbt 3	Thorium-230	0.34	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Thorium-232	0.08	pCi/g	None
50-09110	0550-95-0269	59–60.8	Qbt 3	Tritium	4750	pCi/mL	D
50-09110	0550-95-0269	59–60.8	Qbt 3	Uranium-234	0.88	pCi/g	None
50-09110	0550-95-0269	59–60.8	Qbt 3	Uranium-235	0.03	pCi/g	U
50-09110	0550-95-0269	59–60.8	Qbt 3	Uranium-238	0.5	pCi/g	None
50-09110	0550-95-0274	74–76.6	Qbt 3	Americium-241	0.09	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Cesium-137	0.005	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Cobalt-60	-0.008	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Europium-152	0.37	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Plutonium-238	0	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Plutonium-239	0.001	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Ruthenium-106	0.14	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Sodium-22	-0.001	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Strontium-90	0.46	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Thorium-228	0.10	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Thorium-230	0.29	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Thorium-232	0.07	pCi/g	None
50-09110	0550-95-0274	74–76.6	Qbt 3	Tritium	61.4	pCi/mL	D
50-09110	0550-95-0274	74–76.6	Qbt 3	Uranium-234	0.56	pCi/g	J
50-09110	0550-95-0274	74–76.6	Qbt 3	Uranium-235	0.03	pCi/g	U
50-09110	0550-95-0274	74–76.6	Qbt 3	Uranium-238	0.39	pCi/g	J

Table E-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	LANL Qualifier
50-09110	0550-95-0279	88–89.4	Qbt 3	Americium-241	0.09	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Cesium-137	0.004	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Cobalt-60	-0.01	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Europium-152	0.06	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Plutonium-238	0.004	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Plutonium-239	0.02	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Ruthenium-106	-0.04	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Sodium-22	-0.02	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Strontium-90	0.19	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Thorium-228	0.11	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Thorium-230	0.33	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Thorium-232	0.10	pCi/g	None
50-09110	0550-95-0279	88–89.4	Qbt 3	Tritium	6.72	pCi/mL	D
50-09110	0550-95-0279	88–89.4	Qbt 3	Uranium-234	1.53	pCi/g	None
50-09110	0550-95-0279	88–89.4	Qbt 3	Uranium-235	0.07	pCi/g	U
50-09110	0550-95-0279	88–89.4	Qbt 3	Uranium-238	0.66	pCi/g	None

Table E-4
MDA C Surface Data for Inorganic Chemicals

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08010	AAA3153	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Arsenic	3.9	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Barium	250	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Beryllium	1.4	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Chromium	8.8	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Lead	17	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Nickel	9.8	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Selenium	0.8	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Silver	1	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Thallium	0.21	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Arsenic	3.4	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Barium	180	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Chromium	8.9	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Lead	15	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Nickel	9	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Selenium	0.6	mg/kg	None
50-08062	AAA3154	0–0.5	Fill	Silver	1	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Thallium	0.18	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Arsenic	2.3	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Barium	110	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Beryllium	0.81	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Chromium	6	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Lead	13	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Nickel	5	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Silver	1	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Thallium	0.1	mg/kg	None
50-08086	AAA2768	0–0.5	ALLH	Antimony	0.25	mg/kg	None
50-08086	AAA2768	0–0.5	ALLH	Arsenic	1.4	mg/kg	None
50-08086	AAA2768	0–0.5	ALLH	Barium	58	mg/kg	None
50-08086	AAA2768	0–0.5	ALLH	Beryllium	0.64	mg/kg	None
50-08086	AAA2768	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Chromium	5.1	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08086	AAA2768	0–0.5	ALLH	Lead	13	mg/kg	None
50-08086	AAA2768	0–0.5	ALLH	Nickel	3	mg/kg	None
50-08086	AAA2768	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Silver	1	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Thallium	0.12	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Antimony	0.1	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Arsenic	1.4	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Barium	48	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Beryllium	0.8	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Chromium	4.2	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Lead	12	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Nickel	3	mg/kg	None
50-08088	AAA2769	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Silver	1	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Thallium	0.05	mg/kg	None
50-08102	AAA3143	0–0.5	ALLH	Antimony	0.05	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Arsenic	8	mg/kg	None
50-08102	AAA3143	0–0.5	ALLH	Barium	150	mg/kg	None
50-08102	AAA3143	0–0.5	ALLH	Beryllium	0.91	mg/kg	None
50-08102	AAA3143	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Chromium	12	mg/kg	None
50-08102	AAA3143	0–0.5	ALLH	Lead	27	mg/kg	None
50-08102	AAA3143	0–0.5	ALLH	Nickel	7	mg/kg	None
50-08102	AAA3143	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Silver	1	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Thallium	0.12	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Arsenic	2.1	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Barium	78	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Beryllium	0.64	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Chromium	4.5	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Lead	13	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Nickel	4.3	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Selenium	0.53	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Silver	1	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Thallium	0.09	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Arsenic	2.5	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Barium	90	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08110	AAA3157	0–0.5	Fill	Beryllium	0.83	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Chromium	4.8	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Lead	12	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Nickel	4	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Silver	1	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Thallium	0.08	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Arsenic	2.2	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Barium	79	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Beryllium	0.58	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Chromium	4.7	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Lead	13	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Nickel	3.4	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Silver	1	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Thallium	0.08	mg/kg	None
50-08126	AAA2797	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Arsenic	0.2	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Barium	86	mg/kg	None
50-08126	AAA2797	0–0.5	Fill	Beryllium	0.7	mg/kg	None
50-08126	AAA2797	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Chromium	7.1	mg/kg	None
50-08126	AAA2797	0–0.5	Fill	Lead	13	mg/kg	None
50-08126	AAA2797	0–0.5	Fill	Nickel	6.3	mg/kg	None
50-08126	AAA2797	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08126	AAA2797	0–0.5	Fill	Silver	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Thallium	0.08	mg/kg	None
50-08131	AAA3242	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Arsenic	0.2	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Barium	81	mg/kg	None
50-08131	AAA3242	0–0.5	Fill	Beryllium	0.58	mg/kg	None
50-08131	AAA3242	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chromium	12	mg/kg	None
50-08131	AAA3242	0–0.5	Fill	Lead	11	mg/kg	None
50-08131	AAA3242	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nickel	8.7	mg/kg	None
50-08131	AAA3242	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Silver	1	mg/kg	U

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08131	AAA3242	0–0.5	Fill	Thallium	0.06	mg/kg	None
50-08134	AAA2798	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Arsenic	2.9	mg/kg	None
50-08134	AAA2798	0–0.5	Fill	Barium	79	mg/kg	None
50-08134	AAA2798	0–0.5	Fill	Beryllium	0.66	mg/kg	None
50-08134	AAA2798	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Chromium	5.6	mg/kg	None
50-08134	AAA2798	0–0.5	Fill	Lead	12	mg/kg	None
50-08134	AAA2798	0–0.5	Fill	Nickel	5.3	mg/kg	None
50-08134	AAA2798	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Silver	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Thallium	0.09	mg/kg	None
50-08136	AAA2770	0–0.5	ALLH	Antimony	0.08	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Arsenic	1.4	mg/kg	None
50-08136	AAA2770	0–0.5	ALLH	Barium	45	mg/kg	None
50-08136	AAA2770	0–0.5	ALLH	Beryllium	0.66	mg/kg	None
50-08136	AAA2770	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Chromium	2.5	mg/kg	None
50-08136	AAA2770	0–0.5	ALLH	Lead	11	mg/kg	None
50-08136	AAA2770	0–0.5	ALLH	Nickel	4	mg/kg	None
50-08136	AAA2770	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Silver	1	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Thallium	0.06	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Arsenic	0.9	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Barium	39	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Beryllium	0.42	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chromium	10	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Lead	7	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nickel	6.7	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08137	AAA3243	0–0.5	Fill	Silver	1	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Thallium	0.05	mg/kg	None
50-08138	AAA2771	0–0.5	ALLH	Antimony	0.08	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Arsenic	2	mg/kg	None
50-08138	AAA2771	0–0.5	ALLH	Barium	49	mg/kg	None
50-08138	AAA2771	0–0.5	ALLH	Beryllium	0.63	mg/kg	None
50-08138	AAA2771	0–0.5	ALLH	Cadmium	0.40	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Chromium	2.5	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08138	AAA2771	0–0.5	ALLH	Lead	14	mg/kg	None
50-08138	AAA2771	0–0.5	ALLH	Nickel	2	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Silver	1	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Thallium	0.06	mg/kg	None
50-08139	AAA3244	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Arsenic	1.2	mg/kg	None
50-08139	AAA3244	0–0.5	Fill	Barium	54	mg/kg	None
50-08139	AAA3244	0–0.5	Fill	Beryllium	0.55	mg/kg	None
50-08139	AAA3244	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chromium	10	mg/kg	None
50-08139	AAA3244	0–0.5	Fill	Lead	8	mg/kg	None
50-08139	AAA3244	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nickel	6.6	mg/kg	None
50-08139	AAA3244	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Silver	1	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Thallium	0.07	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Antimony	0.14	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Arsenic	1.5	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Barium	34	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Beryllium	0.55	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Chromium	2	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Lead	13	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Nickel	3.8	mg/kg	None
50-08140	AAA2772	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Silver	1	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Thallium	0.08	mg/kg	None
50-08142	AAA2773	0–0.5	ALLH	Antimony	0.08	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Arsenic	1.6	mg/kg	None
50-08142	AAA2773	0–0.5	ALLH	Barium	50	mg/kg	None
50-08142	AAA2773	0–0.5	ALLH	Beryllium	0.66	mg/kg	None
50-08142	AAA2773	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Chromium	3	mg/kg	None
50-08142	AAA2773	0–0.5	ALLH	Lead	14	mg/kg	None
50-08142	AAA2773	0–0.5	ALLH	Nickel	3	mg/kg	None
50-08142	AAA2773	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Silver	1	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Thallium	0.08	mg/kg	None
50-08144	AAA2774	0–0.5	ALLH	Antimony	0.08	mg/kg	None
50-08144	AAA2774	0–0.5	ALLH	Arsenic	1.4	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08144	AAA2774	0–0.5	ALLH	Barium	26	mg/kg	None
50-08144	AAA2774	0–0.5	ALLH	Beryllium	0.39	mg/kg	None
50-08144	AAA2774	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Chromium	1.3	mg/kg	None
50-08144	AAA2774	0–0.5	ALLH	Lead	10	mg/kg	None
50-08144	AAA2774	0–0.5	ALLH	Nickel	2	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Silver	1	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Thallium	0.07	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Antimony	0.05	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Arsenic	3.4	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Barium	180	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Beryllium	1.1	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Chromium	11	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Lead	27	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Nickel	8.2	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Selenium	0.5	mg/kg	None
50-08154	AAA3144	0–0.5	ALLH	Silver	1	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Thallium	0.16	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Arsenic	3.3	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Barium	170	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Chromium	9.7	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Lead	18	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Nickel	9	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Selenium	0.5	mg/kg	None
50-08156	AAA3159	0–0.5	Fill	Silver	1	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Thallium	0.12	mg/kg	None
50-08162	AAA3160	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Arsenic	1.6	mg/kg	None
50-08162	AAA3160	0–0.5	Fill	Barium	52	mg/kg	None
50-08162	AAA3160	0–0.5	Fill	Beryllium	0.57	mg/kg	None
50-08162	AAA3160	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Chromium	3	mg/kg	None
50-08162	AAA3160	0–0.5	Fill	Lead	8	mg/kg	None
50-08162	AAA3160	0–0.5	Fill	Nickel	2.7	mg/kg	None
50-08162	AAA3160	0–0.5	Fill	Selenium	0.3	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Silver	1	mg/kg	U

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08162	AAA3160	0–0.5	Fill	Thallium	0.04	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Arsenic	2.4	mg/kg	None
50-08168	AAA3189	0–0.5	Fill	Barium	110	mg/kg	None
50-08168	AAA3189	0–0.5	Fill	Beryllium	0.84	mg/kg	None
50-08168	AAA3189	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Chromium	6.3	mg/kg	None
50-08168	AAA3189	0–0.5	Fill	Lead	16	mg/kg	None
50-08168	AAA3189	0–0.5	Fill	Nickel	5.6	mg/kg	None
50-08168	AAA3189	0–0.5	Fill	Selenium	0.3	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Silver	1	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Thallium	0.13	mg/kg	None
50-08176	AAA2799	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Arsenic	4.8	mg/kg	None
50-08176	AAA2799	0–0.5	Fill	Barium	160	mg/kg	None
50-08176	AAA2799	0–0.5	Fill	Beryllium	1	mg/kg	None
50-08176	AAA2799	0–0.5	Fill	Cadmium	0.40	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Chromium	11	mg/kg	None
50-08176	AAA2799	0–0.5	Fill	Lead	20	mg/kg	None
50-08176	AAA2799	0–0.5	Fill	Nickel	9	mg/kg	None
50-08176	AAA2799	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Silver	1	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Thallium	0.19	mg/kg	None
50-08180	AAA2800	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Arsenic	4.2	mg/kg	None
50-08180	AAA2800	0–0.5	Fill	Barium	150	mg/kg	None
50-08180	AAA2800	0–0.5	Fill	Beryllium	1	mg/kg	None
50-08180	AAA2800	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Chromium	11	mg/kg	None
50-08180	AAA2800	0–0.5	Fill	Lead	17	mg/kg	None
50-08180	AAA2800	0–0.5	Fill	Nickel	9	mg/kg	None
50-08180	AAA2800	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Silver	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Thallium	0.18	mg/kg	None
50-08185	AAA3245	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Arsenic	3	mg/kg	None
50-08185	AAA3245	0–0.5	Fill	Barium	130	mg/kg	None
50-08185	AAA3245	0–0.5	Fill	Beryllium	1	mg/kg	None
50-08185	AAA3245	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chromium	15	mg/kg	None
50-08185	AAA3245	0–0.5	Fill	Lead	13	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08185	AAA3245	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nickel	11	mg/kg	None
50-08185	AAA3245	0–0.5	Fill	Selenium	0.6	mg/kg	None
50-08185	AAA3245	0–0.5	Fill	Silver	1	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Thallium	0.15	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Arsenic	0.2	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Barium	160	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chromium	18	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Lead	16	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nickel	13	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Potassium	1800	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Selenium	0.6	mg/kg	None
50-08189	AAA3246	0–0.5	Fill	Silver	1	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Thallium	0.16	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Arsenic	1.1	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Barium	60	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Beryllium	0.56	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chromium	11	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Lead	9.1	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nickel	6	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08193	AAA3247	0–0.5	Fill	Silver	1	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Thallium	0.05	mg/kg	None
50-08194	AAA2801	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Arsenic	2.5	mg/kg	None
50-08194	AAA2801	0–0.5	Fill	Barium	78	mg/kg	None
50-08194	AAA2801	0–0.5	Fill	Beryllium	0.67	mg/kg	None
50-08194	AAA2801	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Chromium	6.4	mg/kg	None
50-08194	AAA2801	0–0.5	Fill	Lead	13	mg/kg	None
50-08194	AAA2801	0–0.5	Fill	Nickel	5	mg/kg	None
50-08194	AAA2801	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Silver	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Thallium	0.1	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08195	AAA3248	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Arsenic	1	mg/kg	None
50-08195	AAA3248	0–0.5	Fill	Barium	40	mg/kg	None
50-08195	AAA3248	0–0.5	Fill	Beryllium	0.56	mg/kg	None
50-08195	AAA3248	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chromium	9.4	mg/kg	None
50-08195	AAA3248	0–0.5	Fill	Lead	10	mg/kg	None
50-08195	AAA3248	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nickel	7.3	mg/kg	None
50-08195	AAA3248	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08195	AAA3248	0–0.5	Fill	Silver	1	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Thallium	0.06	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Arsenic	3.8	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Barium	170	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Chromium	9.3	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Lead	21	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Nickel	9	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08214	AAA3190	0–0.5	Fill	Silver	1	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Thallium	0.16	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Arsenic	3.7	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Barium	130	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Beryllium	1	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Chromium	8.3	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Lead	22	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Nickel	7	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08216	AAA3191	0–0.5	Fill	Silver	1	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Thallium	0.2	mg/kg	None
50-08222	AAA2802	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Arsenic	4.7	mg/kg	None
50-08222	AAA2802	0–0.5	Fill	Barium	120	mg/kg	None
50-08222	AAA2802	0–0.5	Fill	Beryllium	0.78	mg/kg	None
50-08222	AAA2802	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Chromium	9.3	mg/kg	None
50-08222	AAA2802	0–0.5	Fill	Lead	18	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08222	AAA2802	0–0.5	Fill	Nickel	6	mg/kg	None
50-08222	AAA2802	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Silver	1	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Thallium	0.11	mg/kg	None
50-08224	AAA2803	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Arsenic	5.2	mg/kg	None
50-08224	AAA2803	0–0.5	Fill	Barium	180	mg/kg	None
50-08224	AAA2803	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08224	AAA2803	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Chromium	12	mg/kg	None
50-08224	AAA2803	0–0.5	Fill	Lead	22	mg/kg	None
50-08224	AAA2803	0–0.5	Fill	Nickel	9	mg/kg	None
50-08224	AAA2803	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Silver	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Thallium	0.17	mg/kg	None
50-08226	AAA2804	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Arsenic	2.1	mg/kg	None
50-08226	AAA2804	0–0.5	Fill	Barium	88	mg/kg	None
50-08226	AAA2804	0–0.5	Fill	Beryllium	0.65	mg/kg	None
50-08226	AAA2804	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Chromium	6.6	mg/kg	None
50-08226	AAA2804	0–0.5	Fill	Lead	11	mg/kg	None
50-08226	AAA2804	0–0.5	Fill	Nickel	5.3	mg/kg	None
50-08226	AAA2804	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Silver	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Thallium	0.07	mg/kg	None
50-08228	AAA2805	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Arsenic	4.5	mg/kg	None
50-08228	AAA2805	0–0.5	Fill	Barium	190	mg/kg	None
50-08228	AAA2805	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08228	AAA2805	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Chromium	13	mg/kg	None
50-08228	AAA2805	0–0.5	Fill	Lead	21	mg/kg	None
50-08228	AAA2805	0–0.5	Fill	Nickel	10	mg/kg	None
50-08228	AAA2805	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Silver	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Thallium	0.17	mg/kg	None
50-08231	AAA3249	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Arsenic	3	mg/kg	None
50-08231	AAA3249	0–0.5	Fill	Barium	210	mg/kg	None
50-08231	AAA3249	0–0.5	Fill	Beryllium	1.2	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08231	AAA3249	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chromium	18	mg/kg	None
50-08231	AAA3249	0–0.5	Fill	Lead	20	mg/kg	None
50-08231	AAA3249	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nickel	14	mg/kg	None
50-08231	AAA3249	0–0.5	Fill	Selenium	1	mg/kg	None
50-08231	AAA3249	0–0.5	Fill	Silver	1	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Thallium	0.19	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Arsenic	2.5	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Barium	120	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Beryllium	0.91	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Chromium	7.4	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Lead	17	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Nickel	7	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08240	AAA3092	0–0.5	Fill	Silver	1	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Thallium	0.1	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Arsenic	1.3	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Barium	36	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Beryllium	0.41	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Chromium	2.4	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Lead	14	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Nickel	2.3	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Silver	1.1	mg/kg	None
50-08244	AAA3093	0–0.5	Fill	Thallium	0.04	mg/kg	None
50-08245	AAA3250	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Arsenic	0.9	mg/kg	None
50-08245	AAA3250	0–0.5	Fill	Barium	49	mg/kg	None
50-08245	AAA3250	0–0.5	Fill	Beryllium	0.68	mg/kg	None
50-08245	AAA3250	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chromium	10	mg/kg	None
50-08245	AAA3250	0–0.5	Fill	Lead	9	mg/kg	None
50-08245	AAA3250	0–0.5	Fill	Mercury	0.1	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nickel	8	mg/kg	None
50-08245	AAA3250	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Silver	1	mg/kg	U

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08245	AAA3250	0–0.5	Fill	Thallium	0.06	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Antimony	0.04	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Arsenic	3.2	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Barium	140	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Beryllium	0.94	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Chromium	8	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Lead	20	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Nickel	6	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08266	AAA3192	0–0.5	Fill	Silver	1	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Thallium	0.14	mg/kg	None
50-08274	AAA3094	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Arsenic	2.7	mg/kg	None
50-08274	AAA3094	0–0.5	Fill	Barium	94	mg/kg	None
50-08274	AAA3094	0–0.5	Fill	Beryllium	0.72	mg/kg	None
50-08274	AAA3094	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Chromium	6.5	mg/kg	None
50-08274	AAA3094	0–0.5	Fill	Lead	16	mg/kg	None
50-08274	AAA3094	0–0.5	Fill	Nickel	5	mg/kg	None
50-08274	AAA3094	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Silver	1	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Thallium	0.14	mg/kg	None
50-08286	AAA3095	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Arsenic	3.2	mg/kg	None
50-08286	AAA3095	0–0.5	Fill	Barium	150	mg/kg	None
50-08286	AAA3095	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08286	AAA3095	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Chromium	12	mg/kg	None
50-08286	AAA3095	0–0.5	Fill	Lead	20	mg/kg	None
50-08286	AAA3095	0–0.5	Fill	Nickel	9	mg/kg	None
50-08286	AAA3095	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Silver	1	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Thallium	0.14	mg/kg	None
50-08290	AAA3096	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Arsenic	3.6	mg/kg	None
50-08290	AAA3096	0–0.5	Fill	Barium	170	mg/kg	None
50-08290	AAA3096	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08290	AAA3096	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Chromium	10	mg/kg	None
50-08290	AAA3096	0–0.5	Fill	Lead	23	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08290	AAA3096	0–0.5	Fill	Nickel	8	mg/kg	None
50-08290	AAA3096	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08290	AAA3096	0–0.5	Fill	Silver	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Thallium	0.15	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Antimony	0.21	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Arsenic	3.4	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Barium	180	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Beryllium	1	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Chromium	9.3	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Lead	30	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Nickel	7.2	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Silver	1	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Thallium	0.13	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Arsenic	3.6	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Barium	140	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Chromium	12	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Lead	18	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Nickel	10	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08324	AAA3097	0–0.5	Fill	Silver	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Thallium	0.16	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Arsenic	3.1	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Barium	130	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Beryllium	1	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Chromium	11	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Lead	26	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Nickel	9	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Silver	1	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Thallium	0.13	mg/kg	None
50-08328	AAA3099	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Arsenic	4.4	mg/kg	None
50-08328	AAA3099	0–0.5	Fill	Barium	160	mg/kg	None
50-08328	AAA3099	0–0.5	Fill	Beryllium	1.1	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08328	AAA3099	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Chromium	11	mg/kg	None
50-08328	AAA3099	0–0.5	Fill	Lead	24	mg/kg	None
50-08328	AAA3099	0–0.5	Fill	Nickel	10	mg/kg	None
50-08328	AAA3099	0–0.5	Fill	Selenium	0.4	mg/kg	None
50-08328	AAA3099	0–0.5	Fill	Silver	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Thallium	0.18	mg/kg	None
50-08336	AAA3118	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Arsenic	2.7	mg/kg	None
50-08336	AAA3118	0–0.5	Fill	Barium	130	mg/kg	None
50-08336	AAA3118	0–0.5	Fill	Beryllium	0.95	mg/kg	None
50-08336	AAA3118	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Chromium	7.7	mg/kg	None
50-08336	AAA3118	0–0.5	Fill	Lead	16	mg/kg	None
50-08336	AAA3118	0–0.5	Fill	Nickel	6.5	mg/kg	None
50-08336	AAA3118	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Silver	1	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Thallium	0.11	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Arsenic	3.4	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Barium	180	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Beryllium	1.2	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Chromium	12	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Lead	23	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Nickel	11	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08340	AAA3119	0–0.5	Fill	Silver	1	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Thallium	0.15	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Arsenic	1.5	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Barium	170	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Beryllium	1.2	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Chromium	12	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Lead	17	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Nickel	10	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08342	AAA3120	0–0.5	Fill	Silver	1	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Thallium	0.18	mg/kg	None
50-08346	AAA2775	0–0.5	ALLH	Antimony	0.08	mg/kg	U

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08346	AAA2775	0–0.5	ALLH	Arsenic	1.4	mg/kg	None
50-08346	AAA2775	0–0.5	ALLH	Barium	34	mg/kg	None
50-08346	AAA2775	0–0.5	ALLH	Beryllium	0.54	mg/kg	None
50-08346	AAA2775	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Chromium	1.6	mg/kg	None
50-08346	AAA2775	0–0.5	ALLH	Lead	18	mg/kg	None
50-08346	AAA2775	0–0.5	ALLH	Nickel	2	mg/kg	None
50-08346	AAA2775	0–0.5	ALLH	Selenium	0.20	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Silver	1	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Thallium	0.06	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Antimony	0.05	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Arsenic	3.3	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Barium	190	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Beryllium	1.20	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Chromium	11	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Lead	24	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Nickel	8	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Selenium	0.4	mg/kg	None
50-08364	AAA3145	0–0.5	ALLH	Silver	1	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Thallium	0.16	mg/kg	None
50-08370	AAA3121	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Arsenic	1.8	mg/kg	None
50-08370	AAA3121	0–0.5	Fill	Barium	78	mg/kg	None
50-08370	AAA3121	0–0.5	Fill	Beryllium	0.64	mg/kg	None
50-08370	AAA3121	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Chromium	4.6	mg/kg	None
50-08370	AAA3121	0–0.5	Fill	Lead	13	mg/kg	None
50-08370	AAA3121	0–0.5	Fill	Nickel	3.5	mg/kg	None
50-08370	AAA3121	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Silver	1	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Thallium	0.06	mg/kg	None
50-08374	AAA3122	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Arsenic	3.8	mg/kg	None
50-08374	AAA3122	0–0.5	Fill	Barium	160	mg/kg	None
50-08374	AAA3122	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08374	AAA3122	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Chromium	9.6	mg/kg	None
50-08374	AAA3122	0–0.5	Fill	Lead	20	mg/kg	None
50-08374	AAA3122	0–0.5	Fill	Nickel	7	mg/kg	None
50-08374	AAA3122	0–0.5	Fill	Selenium	0.4	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08374	AAA3122	0–0.5	Fill	Silver	1	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Thallium	0.16	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Arsenic	3.8	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Barium	160	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Beryllium	1.2	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Chromium	11	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Lead	17	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Nickel	8	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08386	AAA3123	0–0.5	Fill	Silver	1	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Thallium	0.19	mg/kg	None
50-08396	AAA2776	0–0.5	ALLH	Antimony	0.04	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Arsenic	3.3	mg/kg	None
50-08396	AAA2776	0–0.5	ALLH	Barium	93	mg/kg	None
50-08396	AAA2776	0–0.5	ALLH	Beryllium	0.65	mg/kg	None
50-08396	AAA2776	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Chromium	4.4	mg/kg	None
50-08396	AAA2776	0–0.5	ALLH	Lead	12	mg/kg	None
50-08396	AAA2776	0–0.5	ALLH	Nickel	2	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Silver	1	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Thallium	0.14	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Antimony	0.08	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Arsenic	1.1	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Barium	71	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Beryllium	0.32	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Chromium	5.1	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Lead	15	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Mercury	0.1	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nickel	3	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Silver	6	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Thallium	0.04	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Arsenic	3.2	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Barium	150	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Cadmium	0.4	mg/kg	U

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08428	AAA3124	0–0.5	Fill	Chromium	9.4	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Lead	16	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Nickel	8	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08428	AAA3124	0–0.5	Fill	Silver	1	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Thallium	0.12	mg/kg	None
50-08432	AAA3125	0–0.5	Fill	Antimony	0.06	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Arsenic	3.2	mg/kg	None
50-08432	AAA3125	0–0.5	Fill	Barium	200	mg/kg	None
50-08432	AAA3125	0–0.5	Fill	Beryllium	1.1	mg/kg	None
50-08432	AAA3125	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Chromium	8.9	mg/kg	None
50-08432	AAA3125	0–0.5	Fill	Lead	22	mg/kg	None
50-08432	AAA3125	0–0.5	Fill	Nickel	9	mg/kg	None
50-08432	AAA3125	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Silver	1	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Thallium	0.11	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Arsenic	2.6	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Barium	130	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Beryllium	0.92	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Chromium	10	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Lead	17	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Nickel	7.5	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08436	AAA3147	0–0.5	Fill	Silver	1	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Thallium	0.12	mg/kg	None
50-08438	AAA3148	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Arsenic	2.2	mg/kg	None
50-08438	AAA3148	0–0.5	Fill	Barium	120	mg/kg	None
50-08438	AAA3148	0–0.5	Fill	Beryllium	0.97	mg/kg	None
50-08438	AAA3148	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Chromium	9.4	mg/kg	None
50-08438	AAA3148	0–0.5	Fill	Lead	14	mg/kg	None
50-08438	AAA3148	0–0.5	Fill	Nickel	7	mg/kg	None
50-08438	AAA3148	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Silver	1	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Thallium	0.11	mg/kg	None
50-08440	AAA3149	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Arsenic	1.5	mg/kg	None

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08440	AAA3149	0–0.5	Fill	Barium	110	mg/kg	None
50-08440	AAA3149	0–0.5	Fill	Beryllium	1	mg/kg	None
50-08440	AAA3149	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Chromium	9.3	mg/kg	None
50-08440	AAA3149	0–0.5	Fill	Lead	16	mg/kg	None
50-08440	AAA3149	0–0.5	Fill	Nickel	7	mg/kg	None
50-08440	AAA3149	0–0.5	Fill	Selenium	0.2	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Silver	1	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Thallium	0.12	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Antimony	0.04	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Arsenic	2.6	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Barium	73	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Beryllium	0.67	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Chromium	6.2	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Lead	17	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Nickel	6	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Potassium	1300	mg/kg	None
50-08446	AAA2777	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Silver	1	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Thallium	0.13	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Antimony	0.04	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Arsenic	3.8	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Barium	140	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Beryllium	0.84	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Chromium	7.8	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Lead	15	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Nickel	8	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Selenium	0.3	mg/kg	None
50-08474	AAA2778	0–0.5	ALLH	Silver	1	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Thallium	0.18	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Arsenic	2.9	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Barium	96	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Beryllium	0.7	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Chromium	7.8	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Lead	23	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Nickel	5	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Selenium	0.2	mg/kg	U

Table E-4 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08486	AAA3151	0–0.5	Fill	Silver	1	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Thallium	0.11	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Antimony	0.05	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Arsenic	2.6	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Barium	96	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Beryllium	0.79	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Cadmium	0.4	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Chromium	7.4	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Lead	18	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Nickel	5	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Selenium	0.3	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Silver	1	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Thallium	0.11	mg/kg	None
50-08494	AAA2779	0–0.5	ALLH	Antimony	0.04	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Arsenic	0.9	mg/kg	None
50-08494	AAA2779	0–0.5	ALLH	Barium	28	mg/kg	None
50-08494	AAA2779	0–0.5	ALLH	Beryllium	0.52	mg/kg	None
50-08494	AAA2779	0–0.5	ALLH	Cadmium	0.4	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Chromium	1.8	mg/kg	None
50-08494	AAA2779	0–0.5	ALLH	Lead	14	mg/kg	None
50-08494	AAA2779	0–0.5	ALLH	Nickel	2	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Selenium	0.2	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Silver	1	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Thallium	0.04	mg/kg	None

Table E-5
MDA C Surface Data for Organic Chemicals

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08010	AAA3153	0–0.5	Fill	Acenaphthene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Acenaphthylene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Anthracene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Benzo(a)anthracene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Benzo(a)pyrene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Benzo(b)fluoranthene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Benzo(k)fluoranthene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Benzoic Acid	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Benzyl Alcohol	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	1.4	mg/kg	None
50-08010	AAA3153	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Butylbenzylphthalate	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Chloro-3-methylphenol[4-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Chloroaniline[4-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Chloronaphthalene[2-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Chlorophenol[2-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Chrysene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dibenzofuran	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Diethylphthalate	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dimethyl Phthalate	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Di-n-butylphthalate	0.36	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08010	AAA3153	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Di-n-octylphthalate	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Fluoranthene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Fluorene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Hexachlorobenzene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Hexachlorobutadiene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Hexachloroethane	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Isophorone	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Methylnaphthalene[2-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Methylphenol[2-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Methylphenol[4-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Naphthalene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitroaniline[2-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitroaniline[3-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitroaniline[4-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitrobenzene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitrophenol[2-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitrophenol[4-]	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Pentachlorophenol	1.8	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Phenanthrene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Phenol	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Pyrene	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
50-08010	AAA3153	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08062	AAA3154	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Benzoic Acid	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Benzyl Alcohol	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Chloroaniline[4-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dinitrophenol[2,4-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08062	AAA3154	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitroaniline[2-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitroaniline[3-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitroaniline[4-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitrophenol[4-]	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Pentachlorophenol	0.9	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08062	AAA3154	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Acenaphthene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Acenaphthylene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Anthracene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Benzo(a)anthracene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Benzo(a)pyrene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Benzo(b)fluoranthene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Benzo(k)fluoranthene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Benzoic Acid	1.8	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08064	AAA3155	0–0.5	Fill	Benzyl Alcohol	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	1.4	mg/kg	None
50-08064	AAA3155	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Butylbenzylphthalate	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Chloro-3-methylphenol[4-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Chloroaniline[4-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Chlorophenol[2-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Chrysene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dibenzofuran	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Diethylphthalate	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dimethyl Phthalate	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Di-n-butylphthalate	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Di-n-octylphthalate	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Fluoranthene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Fluorene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Hexachlorobenzene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Hexachlorobutadiene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Hexachloroethane	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Isophorone	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Methylnaphthalene[2-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Methylphenol[2-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Methylphenol[4-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Naphthalene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Nitroaniline[2-]	1.8	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08064	AAA3155	0–0.5	Fill	Nitroaniline[3-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Nitroaniline[4-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Nitrobenzene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Nitrophenol[2-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Nitrophenol[4-]	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Pentachlorophenol	1.8	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Phenanthrene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Phenol	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Pyrene	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
50-08064	AAA3155	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08086	AAA2768	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08086	AAA2768	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08086	AAA2768	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08088	AAA2769	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08088	AAA2769	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Acenaphthene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Acenaphthylene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Anthracene	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08102	AAA3143	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Benzo(a)anthracene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Benzo(a)pyrene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Benzo(b)fluoranthene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Benzo(k)fluoranthene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Benzoic Acid	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Benzyl Alcohol	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Butylbenzylphthalate	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Chloro-3-methylphenol[4-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Chloroaniline[4-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Chloronaphthalene[2-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Chlorophenol[2-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Chrysene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dibenzofuran	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Diethylphthalate	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dimethyl Phthalate	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Di-n-butylphthalate	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08102	AAA3143	0–0.5	ALLH	Di-n-octylphthalate	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Fluoranthene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Fluorene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Hexachlorobenzene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Hexachlorobutadiene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Hexachloroethane	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Isophorone	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Methylnaphthalene[2-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Methylphenol[2-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Methylphenol[4-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Naphthalene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitroaniline[4-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitrobenzene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitrophenol[2-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Pentachlorophenol	1.7	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Phenanthrene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Phenol	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Pyrene	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
50-08102	AAA3143	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	None
50-08106	AAA3156	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08106	AAA3156	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Benzoic Acid	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Benzyl Alcohol	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Chloroaniline[4-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dinitrophenol[2,4-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Isophorone	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08106	AAA3156	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitroaniline[2-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitroaniline[3-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitroaniline[4-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitrophenol[4-]	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Pentachlorophenol	0.89	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08106	AAA3156	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Aroclor-1260	0.07	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Aroclors (Mixed)	0.07	mg/kg	None
50-08110	AAA3157	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Benzoic Acid	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Benzyl Alcohol	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08110	AAA3157	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Chloroaniline[4-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dinitrophenol[2,4-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Nitroaniline[2-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Nitroaniline[3-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Nitroaniline[4-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08110	AAA3157	0–0.5	Fill	Nitrophenol[4-]	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Pentachlorophenol	0.89	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08110	AAA3157	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	None
50-08116	AAA3158	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Benzoic Acid	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Benzyl Alcohol	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Chloroaniline[4-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08116	AAA3158	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dinitrophenol[2,4-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitroaniline[2-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitroaniline[3-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitroaniline[4-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitrophenol[4-]	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Pentachlorophenol	0.91	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08116	AAA3158	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08116	AAA3158	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Acenaphthene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Acenaphthylene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Anthracene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Benzo(a)anthracene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Benzo(a)pyrene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Benzo(b)fluoranthene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Benzo(g,h,i)perylene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Benzo(k)fluoranthene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Bis(2-chloroethyl)ether	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Butylbenzylphthalate	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Chloronaphthalene[2-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Chlorophenol[2-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Chrysene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dibenz(a,h)anthracene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dibenzofuran	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dichlorobenzene[1,2-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dichlorobenzene[1,3-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dichlorobenzene[1,4-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dichlorophenol[2,4-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Diethylphthalate	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dimethyl Phthalate	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dimethylphenol[2,4-]	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08126	AAA2797	0–0.5	Fill	Di-n-butylphthalate	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dinitrotoluene[2,4-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Dinitrotoluene[2,6-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Di-n-octylphthalate	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Fluoranthene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Fluorene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Hexachlorobenzene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Hexachlorobutadiene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Hexachlorocyclopentadiene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Hexachloroethane	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Isophorone	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Methylnaphthalene[2-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Methylphenol[2-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Methylphenol[4-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Naphthalene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitrobenzene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitrophenol[2-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Phenanthrene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Phenol	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Pyrene	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.21	mg/kg	U
50-08126	AAA2797	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.21	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzene	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08131	AAA3242	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08131	AAA3242	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Isophorone	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08131	AAA3242	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08131	AAA3242	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08134	AAA2798	0–0.5	Fill	Acenaphthene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Benzo(a)anthracene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Chrysene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08134	AAA2798	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Pyrene	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08134	AAA2798	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08136	AAA2770	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08136	AAA2770	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08136	AAA2770	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08137	AAA3243	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08137	AAA3243	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08137	AAA3243	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08137	AAA3243	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08138	AAA2771	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08138	AAA2771	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08138	AAA2771	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08139	AAA3244	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08139	AAA3244	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08139	AAA3244	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08139	AAA3244	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08140	AAA2772	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08140	AAA2772	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08140	AAA2772	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08142	AAA2773	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08142	AAA2773	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08142	AAA2773	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Benzoic Acid	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Chrysene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08144	AAA2774	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitroaniline[2-]	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitroaniline[3-]	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitroaniline[4-]	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitrophenol[4-]	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Pentachlorophenol	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Pyrene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08144	AAA2774	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
50-08144	AAA2774	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Acenaphthene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Acenaphthylene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Anthracene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Benzo(a)anthracene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Benzo(a)pyrene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Benzoic Acid	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Benzyl Alcohol	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Butylbenzylphthalate	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Chloroaniline[4-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Chlorophenol[2-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Chrysene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dibenzofuran	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Diethylphthalate	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dimethyl Phthalate	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08154	AAA3144	0–0.5	ALLH	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Di-n-butylphthalate	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dinitrophenol[2,4-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Di-n-octylphthalate	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Fluoranthene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Fluorene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Hexachlorobenzene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Hexachlorobutadiene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Hexachloroethane	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Isophorone	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Methylphenol[2-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Methylphenol[4-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Naphthalene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitroaniline[2-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitroaniline[3-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitroaniline[4-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitrobenzene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitrophenol[2-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitrophenol[4-]	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Pentachlorophenol	0.9	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Phenanthrene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Phenol	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Pyrene	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08154	AAA3144	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08156	AAA3159	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Benzoic Acid	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Benzyl Alcohol	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Chloroaniline[4-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dinitrophenol[2,4-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Fluorene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08156	AAA3159	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitroaniline[2-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitroaniline[3-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitroaniline[4-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitrophenol[4-]	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Pentachlorophenol	0.9	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08156	AAA3159	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Acenaphthene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Acenaphthylene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Anthracene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Benzo(a)anthracene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Benzo(a)pyrene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Benzo(g,h,i)perylene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08162	AAA3160	0–0.5	Fill	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Benzoic Acid	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Benzyl Alcohol	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Butylbenzylphthalate	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Chloroaniline[4-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Chlorophenol[2-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Chrysene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dibenzofuran	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Diethylphthalate	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dimethyl Phthalate	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Di-n-butylphthalate	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Di-n-octylphthalate	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Fluoranthene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Fluorene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Hexachlorobenzene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Hexachlorobutadiene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Hexachloroethane	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Isophorone	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Methylphenol[2-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Methylphenol[4-]	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08162	AAA3160	0–0.5	Fill	Naphthalene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitroaniline[2-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitroaniline[3-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitroaniline[4-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitrobenzene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitrophenol[2-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitrophenol[4-]	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Pentachlorophenol	0.87	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Phenanthrene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Phenol	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Pyrene	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.17	mg/kg	U
50-08162	AAA3160	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Acenaphthene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Acenaphthylene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aniline	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Anthracene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclor-1221	0.07	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Azobenzene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzidine	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzo(a)anthracene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzo(a)pyrene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzoic Acid	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Benzyl Alcohol	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08168	AAA3189	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Butylbenzylphthalate	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Chloroaniline[4-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Chlorophenol[2-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Chrysene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dibenzofuran	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Diethylphthalate	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dimethyl Phthalate	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Di-n-butylphthalate	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dinitrophenol[2,4-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Di-n-octylphthalate	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Fluoranthene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Fluorene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Hexachlorobenzene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Hexachlorobutadiene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Hexachloroethane	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Isophorone	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Methylphenol[2-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Methylphenol[4-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Naphthalene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitroaniline[2-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitroaniline[3-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitroaniline[4-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitrobenzene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitrophenol[2-]	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08168	AAA3189	0–0.5	Fill	Nitrophenol[4-]	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Pentachlorophenol	0.82	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Phenanthrene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Phenol	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Pyrene	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
50-08168	AAA3189	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Acenaphthene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Benzo(a)anthracene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Benzoic Acid	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Benzyl Alcohol	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Chloroaniline[4-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Chrysene	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08176	AAA2799	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dinitrophenol[2,4-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitroaniline[2-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitroaniline[3-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitroaniline[4-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitrophenol[4-]	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Pentachlorophenol	0.99	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Pyrene	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08176	AAA2799	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08176	AAA2799	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Acenaphthene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Acenaphthylene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Anthracene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Benzo(a)anthracene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Benzo(a)pyrene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Benzo(b)fluoranthene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Benzo(g,h,i)perylene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Benzo(k)fluoranthene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Bis(2-chloroethyl)ether	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Butylbenzylphthalate	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Chloronaphthalene[2-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Chlorophenol[2-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Chrysene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dibenz(a,h)anthracene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dibenzofuran	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dichlorobenzene[1,2-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dichlorobenzene[1,3-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dichlorobenzene[1,4-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dichlorophenol[2,4-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Diethylphthalate	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dimethyl Phthalate	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08180	AAA2800	0–0.5	Fill	Dimethylphenol[2,4-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Di-n-butylphthalate	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dinitrotoluene[2,4-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Dinitrotoluene[2,6-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Di-n-octylphthalate	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Fluoranthene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Fluorene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Hexachlorobenzene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Hexachlorobutadiene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Hexachlorocyclopentadiene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Hexachloroethane	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Isophorone	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Methylnaphthalene[2-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Methylphenol[2-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Methylphenol[4-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Naphthalene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitrobenzene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitrophenol[2-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Phenanthrene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Phenol	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Pyrene	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.21	mg/kg	U
50-08180	AAA2800	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.21	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Azobenzene	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08185	AAA3245	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08185	AAA3245	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Iodomethane	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08185	AAA3245	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08185	AAA3245	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08185	AAA3245	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08189	AAA3246	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08189	AAA3246	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08189	AAA3246	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08189	AAA3246	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08193	AAA3247	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08193	AAA3247	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Styrene	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08193	AAA3247	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08193	AAA3247	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Acenaphthene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Benzo(a)anthracene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08194	AAA2801	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Chrysene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08194	AAA2801	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Pyrene	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08194	AAA2801	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08195	AAA3248	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08195	AAA3248	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08195	AAA3248	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08195	AAA3248	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Acenaphthene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Acenaphthylene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aniline	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Anthracene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclor-1221	0.07	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Azobenzene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzidine	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzo(a)anthracene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzo(a)pyrene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzo(b)fluoranthene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzo(g,h,i)perylene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzo(k)fluoranthene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzoic Acid	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Benzyl Alcohol	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Bis(2-chloroethyl)ether	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08214	AAA3190	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Butylbenzylphthalate	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Chloroaniline[4-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Chloronaphthalene[2-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Chlorophenol[2-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Chrysene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dibenz(a,h)anthracene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dibenzofuran	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dichlorobenzene[1,2-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dichlorobenzene[1,3-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dichlorobenzene[1,4-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dichlorophenol[2,4-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Diethylphthalate	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dimethyl Phthalate	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dimethylphenol[2,4-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Di-n-butylphthalate	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dinitrotoluene[2,4-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Dinitrotoluene[2,6-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Di-n-octylphthalate	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Fluoranthene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Fluorene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Hexachlorobenzene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Hexachlorobutadiene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Hexachlorocyclopentadiene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Hexachloroethane	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Isophorone	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Methylnaphthalene[2-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Methylphenol[2-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Methylphenol[4-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Naphthalene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitroaniline[2-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitroaniline[3-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitroaniline[4-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitrobenzene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitrophenol[2-]	0.36	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08214	AAA3190	0–0.5	Fill	Nitrophenol[4-]	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitrosodimethylamine[N-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Pentachlorophenol	0.87	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Phenanthrene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Phenol	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Pyrene	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
50-08214	AAA3190	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Acenaphthene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Acenaphthylene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aniline	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Anthracene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclor-1221	0.07	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Azobenzene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzidine	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzo(a)anthracene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzo(a)pyrene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzoic Acid	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Benzyl Alcohol	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Butylbenzylphthalate	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Chloroaniline[4-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08216	AAA3191	0–0.5	Fill	Chlorophenol[2-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Chrysene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dibenzofuran	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Diethylphthalate	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dimethyl Phthalate	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Di-n-butylphthalate	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dinitrophenol[2,4-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Di-n-octylphthalate	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Fluoranthene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Fluorene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Hexachlorobenzene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Hexachlorobutadiene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Hexachloroethane	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Isophorone	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Methylphenol[2-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Methylphenol[4-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Naphthalene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitroaniline[2-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitroaniline[3-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitroaniline[4-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitrobenzene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitrophenol[2-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitrophenol[4-]	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08216	AAA3191	0–0.5	Fill	Pentachlorophenol	0.83	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Phenanthrene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Phenol	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Pyrene	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
50-08216	AAA3191	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Acenaphthene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Benzo(a)anthracene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Benzoic Acid	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Benzyl Alcohol	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Chloroaniline[4-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Chrysene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08222	AAA2802	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dinitrophenol[2,4-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitroaniline[2-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitroaniline[3-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitroaniline[4-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitrophenol[4-]	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Pentachlorophenol	0.99	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Pyrene	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08222	AAA2802	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Acenaphthene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Acenaphthylene	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08224	AAA2803	0–0.5	Fill	Anthracene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Benzo(a)anthracene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Benzo(a)pyrene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Benzo(b)fluoranthene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Benzo(g,h,i)perylene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Benzo(k)fluoranthene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Bis(2-chloroethyl)ether	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Butylbenzylphthalate	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Chloronaphthalene[2-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Chlorophenol[2-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Chrysene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dibenz(a,h)anthracene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dibenzofuran	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dichlorobenzene[1,2-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dichlorobenzene[1,3-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dichlorobenzene[1,4-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dichlorophenol[2,4-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Diethylphthalate	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dimethyl Phthalate	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dimethylphenol[2,4-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Di-n-butylphthalate	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Dinitrotoluene[2,4-]	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08224	AAA2803	0–0.5	Fill	Dinitrotoluene[2,6-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Di-n-octylphthalate	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Fluoranthene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Fluorene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Hexachlorobenzene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Hexachlorobutadiene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Hexachlorocyclopentadiene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Hexachloroethane	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Isophorone	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Methylnaphthalene[2-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Methylphenol[2-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Methylphenol[4-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Naphthalene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitrobenzene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitrophenol[2-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Phenanthrene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Phenol	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Pyrene	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.21	mg/kg	U
50-08224	AAA2803	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.21	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Acenaphthene	0.20	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08226	AAA2804	0–0.5	Fill	Benzo(a)anthracene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Chrysene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08226	AAA2804	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Pyrene	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08226	AAA2804	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Acenaphthene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Acenaphthylene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Anthracene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Benzo(a)anthracene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Benzo(a)pyrene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Benzo(b)fluoranthene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Benzo(g,h,i)perylene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Benzo(k)fluoranthene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Bis(2-chloroethyl)ether	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08228	AAA2805	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Butylbenzylphthalate	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Chloronaphthalene[2-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Chlorophenol[2-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Chrysene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dibenz(a,h)anthracene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dibenzofuran	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dichlorobenzene[1,2-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dichlorobenzene[1,3-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dichlorobenzene[1,4-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dichlorophenol[2,4-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Diethylphthalate	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dimethyl Phthalate	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dimethylphenol[2,4-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Di-n-butylphthalate	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dinitrotoluene[2,4-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Dinitrotoluene[2,6-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Di-n-octylphthalate	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Fluoranthene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Fluorene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Hexachlorobenzene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Hexachlorobutadiene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Hexachlorocyclopentadiene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Hexachloroethane	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Isophorone	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Methylnaphthalene[2-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Methylphenol[2-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Methylphenol[4-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Naphthalene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Nitrobenzene	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08228	AAA2805	0–0.5	Fill	Nitrophenol[2-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Phenanthrene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Phenol	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Pyrene	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.21	mg/kg	U
50-08228	AAA2805	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.21	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08231	AAA3249	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08231	AAA3249	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08231	AAA3249	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08231	AAA3249	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Acenaphthene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Acenaphthylene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Anthracene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Benzo(a)anthracene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Benzo(a)pyrene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Benzo(b)fluoranthene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Benzo(g,h,i)perylene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Benzo(k)fluoranthene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Benzoic Acid	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Benzyl Alcohol	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Bis(2-chloroethyl)ether	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08240	AAA3092	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Butylbenzylphthalate	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Chloroaniline[4-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Chloronaphthalene[2-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Chlorophenol[2-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Chrysene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dibenz(a,h)anthracene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dibenzofuran	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dichlorobenzene[1,2-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dichlorobenzene[1,3-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dichlorobenzene[1,4-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dichlorophenol[2,4-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Diethylphthalate	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dimethyl Phthalate	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dimethylphenol[2,4-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Di-n-butylphthalate	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dinitrophenol[2,4-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dinitrotoluene[2,4-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Dinitrotoluene[2,6-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Di-n-octylphthalate	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Fluoranthene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Fluorene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Hexachlorobenzene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Hexachlorobutadiene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Hexachlorocyclopentadiene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Hexachloroethane	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Isophorone	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Methylnaphthalene[2-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Methylphenol[2-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Methylphenol[4-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Naphthalene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Nitroaniline[2-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Nitroaniline[3-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Nitroaniline[4-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Nitrobenzene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Nitrophenol[2-]	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08240	AAA3092	0–0.5	Fill	Nitrophenol[4-]	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Pentachlorophenol	0.97	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Phenanthrene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Phenol	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Pyrene	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.19	mg/kg	U
50-08240	AAA3092	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Acenaphthene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Acenaphthylene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Anthracene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Benzo(a)anthracene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Benzo(a)pyrene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Benzo(b)fluoranthene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Benzo(g,h,i)perylene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Benzo(k)fluoranthene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Benzoic Acid	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Benzyl Alcohol	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Bis(2-chloroethyl)ether	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Butylbenzylphthalate	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Chloroaniline[4-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Chloronaphthalene[2-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Chlorophenol[2-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Chrysene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dibenz(a,h)anthracene	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08244	AAA3093	0–0.5	Fill	Dibenzofuran	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dichlorobenzene[1,2-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dichlorobenzene[1,3-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dichlorobenzene[1,4-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dichlorophenol[2,4-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Diethylphthalate	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dimethyl Phthalate	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dimethylphenol[2,4-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Di-n-butylphthalate	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dinitrophenol[2,4-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dinitrotoluene[2,4-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Dinitrotoluene[2,6-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Di-n-octylphthalate	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Fluoranthene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Fluorene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Hexachlorobenzene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Hexachlorobutadiene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Hexachlorocyclopentadiene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Hexachloroethane	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Isophorone	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Methylnaphthalene[2-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Methylphenol[2-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Methylphenol[4-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Naphthalene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitroaniline[2-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitroaniline[3-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitroaniline[4-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitrobenzene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitrophenol[2-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitrophenol[4-]	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Pentachlorophenol	0.93	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Phenanthrene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Phenol	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Pyrene	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08244	AAA3093	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.19	mg/kg	U
50-08244	AAA3093	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.19	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Acenaphthene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Acenaphthylene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Acetone	0.02	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Aniline	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Anthracene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Azobenzene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzidine	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzo(a)anthracene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzo(a)pyrene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzo(b)fluoranthene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzo(g,h,i)perylene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzo(k)fluoranthene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzoic Acid	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Benzyl Alcohol	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bis(2-chloroethyl)ether	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bromobenzene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bromochloromethane	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bromodichloromethane	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bromoform	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bromomethane	0.01	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Butanone[2-]	0.02	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Butylbenzene[n-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Butylbenzene[sec-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Butylbenzene[tert-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Butylbenzylphthalate	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Carbon Disulfide	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Carbon Tetrachloride	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chloroaniline[4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chlorobenzene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chlorodibromomethane	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chloroethane	0.01	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chloroform	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chloromethane	0.01	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chloronaphthalene[2-]	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08245	AAA3250	0–0.5	Fill	Chlorophenol[2-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chlorotoluene[2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chlorotoluene[4-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Chrysene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dibenz(a,h)anthracene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dibenzofuran	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dibromoethane[1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dibromomethane	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorobenzene[1,2-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorobenzene[1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorobenzene[1,3-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorobenzene[1,3-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorobenzene[1,4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorobenzene[1,4-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorodifluoromethane	0.01	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloroethane[1,1-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloroethane[1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloroethene[1,1-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichlorophenol[2,4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloropropane[1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloropropane[1,3-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloropropane[2,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloropropene[1,1-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Diethylphthalate	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dimethyl Phthalate	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dimethylphenol[2,4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Di-n-butylphthalate	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dinitrophenol[2,4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dinitrotoluene[2,4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Dinitrotoluene[2,6-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Di-n-octylphthalate	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Ethylbenzene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Fluoranthene	0.33	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08245	AAA3250	0–0.5	Fill	Fluorene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Hexachlorobenzene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Hexachlorobutadiene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Hexachlorocyclopentadiene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Hexachloroethane	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Hexanone[2-]	0.02	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Iodomethane	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Isophorone	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Isopropylbenzene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Isopropyltoluene[4-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Methyl-2-pentanone[4-]	0.02	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Methylene Chloride	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Methylnaphthalene[2-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Methylphenol[2-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Methylphenol[4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Naphthalene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitroaniline[2-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitroaniline[3-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitroaniline[4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitrobenzene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitrophenol[2-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitrophenol[4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitrosodimethylamine[N-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Pentachlorophenol	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Phenanthrene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Phenol	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Propylbenzene[1-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Pyrene	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Styrene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Tetrachloroethene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Toluene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichloroethane[1,1,1-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichloroethane[1,1,2-]	0.005	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08245	AAA3250	0–0.5	Fill	Trichloroethene	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichlorofluoromethane	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trichloropropane[1,2,3-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Vinyl acetate	0.01	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Vinyl Chloride	0.01	mg/kg	U
50-08245	AAA3250	0–0.5	Fill	Xylene (Total)	0.005	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Acenaphthene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Acenaphthylene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aniline	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Anthracene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclor-1221	0.07	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Azobenzene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzidine	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzo(a)anthracene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzo(a)pyrene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzo(b)fluoranthene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzo(g,h,i)perylene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzo(k)fluoranthene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzoic Acid	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Benzyl Alcohol	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Bis(2-chloroethyl)ether	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Butylbenzylphthalate	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Chloroaniline[4-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Chloronaphthalene[2-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Chlorophenol[2-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08266	AAA3192	0–0.5	Fill	Chrysene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dibenz(a,h)anthracene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dibenzofuran	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dichlorobenzene[1,2-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dichlorobenzene[1,3-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dichlorobenzene[1,4-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dichlorophenol[2,4-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Diethylphthalate	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dimethyl Phthalate	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dimethylphenol[2,4-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Di-n-butylphthalate	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dinitrophenol[2,4-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dinitrotoluene[2,4-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Dinitrotoluene[2,6-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Di-n-octylphthalate	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Fluoranthene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Fluorene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Hexachlorobenzene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Hexachlorobutadiene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Hexachlorocyclopentadiene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Hexachloroethane	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Isophorone	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Methylnaphthalene[2-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Methylphenol[2-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Methylphenol[4-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Naphthalene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitroaniline[2-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitroaniline[3-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitroaniline[4-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitrobenzene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitrophenol[2-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitrophenol[4-]	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitrosodimethylamine[N-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Pentachlorophenol	0.82	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Phenanthrene	0.34	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08266	AAA3192	0–0.5	Fill	Phenol	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Pyrene	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
50-08266	AAA3192	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Acenaphthene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Benzo(a)anthracene	0.20	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Benzoic Acid	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Benzyl Alcohol	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Chloroaniline[4-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Chrysene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08274	AAA3094	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dinitrophenol[2,4-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitroaniline[2-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitroaniline[3-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitroaniline[4-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitrophenol[4-]	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Pentachlorophenol	0.98	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Pyrene	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08274	AAA3094	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Acenaphthene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Acenaphthylene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Anthracene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08286	AAA3095	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Benzo(a)anthracene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Benzo(a)pyrene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Benzo(b)fluoranthene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Benzo(g,h,i)perylene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Benzo(k)fluoranthene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Benzoic Acid	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Benzyl Alcohol	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Bis(2-chloroethyl)ether	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Butylbenzylphthalate	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Chloroaniline[4-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Chloronaphthalene[2-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Chlorophenol[2-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Chrysene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dibenz(a,h)anthracene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dibenzofuran	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dichlorobenzene[1,2-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dichlorobenzene[1,3-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dichlorobenzene[1,4-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dichlorophenol[2,4-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Diethylphthalate	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dimethyl Phthalate	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dimethylphenol[2,4-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Di-n-butylphthalate	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dinitrophenol[2,4-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dinitrotoluene[2,4-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Dinitrotoluene[2,6-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Di-n-octylphthalate	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08286	AAA3095	0–0.5	Fill	Fluoranthene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Fluorene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Hexachlorobenzene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Hexachlorobutadiene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Hexachlorocyclopentadiene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Hexachloroethane	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Isophorone	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Methylnaphthalene[2-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Methylphenol[2-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Methylphenol[4-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Naphthalene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitroaniline[2-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitroaniline[3-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitroaniline[4-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitrobenzene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitrophenol[2-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitrophenol[4-]	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Pentachlorophenol	0.97	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Phenanthrene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Phenol	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Pyrene	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.19	mg/kg	U
50-08286	AAA3095	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.19	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Acenaphthene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Acenaphthylene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Anthracene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Benzo(a)anthracene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Benzo(a)pyrene	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08290	AAA3096	0–0.5	Fill	Benzo(b)fluoranthene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Benzo(g,h,i)perylene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Benzo(k)fluoranthene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Bis(2-chloroethyl)ether	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Butylbenzylphthalate	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Chloronaphthalene[2-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Chlorophenol[2-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Chrysene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dibenz(a,h)anthracene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dibenzofuran	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dichlorobenzene[1,2-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dichlorobenzene[1,3-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dichlorobenzene[1,4-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.41	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dichlorophenol[2,4-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Diethylphthalate	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dimethyl Phthalate	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dimethylphenol[2,4-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Di-n-butylphthalate	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dinitrotoluene[2,4-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Dinitrotoluene[2,6-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Di-n-octylphthalate	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Fluoranthene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Fluorene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Hexachlorobenzene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Hexachlorobutadiene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Hexachlorocyclopentadiene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Hexachloroethane	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Isophorone	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Methylnaphthalene[2-]	0.21	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08290	AAA3096	0–0.5	Fill	Methylphenol[2-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Methylphenol[4-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Naphthalene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitrobenzene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitrophenol[2-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Phenanthrene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Phenol	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Pyrene	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.21	mg/kg	U
50-08290	AAA3096	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.21	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Acenaphthene	0.96	mg/kg	None
50-08312	AAA3193	0–0.5	Fill	Acenaphthylene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aniline	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Anthracene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclor-1221	0.07	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Azobenzene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzidine	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzo(a)anthracene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzo(a)pyrene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzo(b)fluoranthene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzo(k)fluoranthene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzoic Acid	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Benzyl Alcohol	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08312	AAA3193	0–0.5	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Butylbenzylphthalate	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Chloroaniline[4-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Chlorophenol[2-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Chrysene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dibenzofuran	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Diethylphthalate	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dimethyl Phthalate	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Di-n-butylphthalate	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dinitrophenol[2,4-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Di-n-octylphthalate	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Fluoranthene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Fluorene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Hexachlorobenzene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Hexachlorobutadiene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Hexachloroethane	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Isophorone	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Methylnaphthalene[2-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Methylphenol[2-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Methylphenol[4-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Naphthalene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitroaniline[2-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitroaniline[3-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitroaniline[4-]	0.85	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08312	AAA3193	0–0.5	Fill	Nitrobenzene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitrophenol[2-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitrophenol[4-]	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitrosodimethylamine[N-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Pentachlorophenol	0.85	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Phenanthrene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Phenol	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Pyrene	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
50-08312	AAA3193	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Acenaphthene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Benzo(a)anthracene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08324	AAA3097	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Chrysene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.4	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08324	AAA3097	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Pyrene	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08324	AAA3097	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Acenaphthene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Acenaphthylene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Anthracene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Aroclor-1016	0.15	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Aroclor-1221	0.15	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Aroclor-1232	0.15	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Aroclor-1242	0.15	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Aroclor-1248	0.15	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Aroclor-1254	1	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Aroclor-1260	0.15	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Aroclors (Mixed)	1	mg/kg	None
50-08326	AAA3098	0–0.5	Fill	Benzo(a)anthracene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Benzo(a)pyrene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Benzo(b)fluoranthene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Benzo(g,h,i)perylene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Benzo(k)fluoranthene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Benzoic Acid	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Benzyl Alcohol	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Bis(2-chloroethyl)ether	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Butylbenzylphthalate	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Chloroaniline[4-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Chloronaphthalene[2-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Chlorophenol[2-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Chrysene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dibenz(a,h)anthracene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dibenzofuran	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dichlorobenzene[1,2-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dichlorobenzene[1,3-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dichlorobenzene[1,4-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.39	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dichlorophenol[2,4-]	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08326	AAA3098	0–0.5	Fill	Diethylphthalate	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dimethyl Phthalate	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dimethylphenol[2,4-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Di-n-butylphthalate	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dinitrophenol[2,4-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dinitrotoluene[2,4-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Dinitrotoluene[2,6-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Di-n-octylphthalate	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Fluoranthene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Fluorene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Hexachlorobenzene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Hexachlorobutadiene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Hexachlorocyclopentadiene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Hexachloroethane	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Isophorone	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Methylnaphthalene[2-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Methylphenol[2-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Methylphenol[4-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Naphthalene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitroaniline[2-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitroaniline[3-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitroaniline[4-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitrobenzene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitrophenol[2-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitrophenol[4-]	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Pentachlorophenol	0.97	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Phenanthrene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Phenol	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Pyrene	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.19	mg/kg	U
50-08326	AAA3098	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.19	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Acenaphthene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Acenaphthylene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Anthracene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Aroclor-1016	0.04	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08328	AAA3099	0–0.5	Fill	Aroclor-1221	0.04	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Aroclor-1232	0.04	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Aroclor-1242	0.04	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Aroclor-1248	0.04	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Aroclor-1254	0.04	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Aroclor-1260	0.04	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Aroclors (Mixed)	0.04	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Benzo(a)anthracene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Benzo(a)pyrene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Benzo(b)fluoranthene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Benzo(g,h,i)perylene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Benzo(k)fluoranthene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Benzoic Acid	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Benzyl Alcohol	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Bis(2-chloroethyl)ether	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Butylbenzylphthalate	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Chloro-3-methylphenol[4-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Chloroaniline[4-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Chloronaphthalene[2-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Chlorophenol[2-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Chrysene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dibenz(a,h)anthracene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dibenzofuran	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dichlorobenzene[1,2-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dichlorobenzene[1,3-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dichlorobenzene[1,4-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dichlorophenol[2,4-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Diethylphthalate	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dimethyl Phthalate	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dimethylphenol[2,4-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Di-n-butylphthalate	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dinitrophenol[2,4-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dinitrotoluene[2,4-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Dinitrotoluene[2,6-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Di-n-octylphthalate	0.2	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08328	AAA3099	0–0.5	Fill	Fluoranthene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Fluorene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Hexachlorobenzene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Hexachlorobutadiene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Hexachlorocyclopentadiene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Hexachloroethane	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Isophorone	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Methylnaphthalene[2-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Methylphenol[2-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Methylphenol[4-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Naphthalene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitroaniline[2-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitroaniline[3-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitroaniline[4-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitrobenzene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitrophenol[2-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitrophenol[4-]	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Pentachlorophenol	1	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Phenanthrene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Phenol	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Pyrene	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.2	mg/kg	U
50-08328	AAA3099	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.2	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08336	AAA3118	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Benzoic Acid	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Benzyl Alcohol	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Chloroaniline[4-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dinitrophenol[2,4-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08336	AAA3118	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitroaniline[2-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitroaniline[3-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitroaniline[4-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitrophenol[4-]	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Pentachlorophenol	0.92	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08336	AAA3118	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Benzoic Acid	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Benzyl Alcohol	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08340	AAA3119	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Chloroaniline[4-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dinitrophenol[2,4-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Nitroaniline[2-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Nitroaniline[3-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Nitroaniline[4-]	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Nitrophenol[4-]	0.92	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08340	AAA3119	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Pentachlorophenol	0.92	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08340	AAA3119	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Acenaphthene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Acenaphthylene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Anthracene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Benzo(a)anthracene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Benzo(a)pyrene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Benzo(b)fluoranthene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Benzo(g,h,i)perylene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Benzo(k)fluoranthene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Benzoic Acid	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Benzyl Alcohol	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Bis(2-chloroethyl)ether	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Butylbenzylphthalate	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Chloroaniline[4-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Chloronaphthalene[2-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Chlorophenol[2-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Chrysene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dibenz(a,h)anthracene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dibenzofuran	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08342	AAA3120	0–0.5	Fill	Dichlorobenzene[1,2-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dichlorobenzene[1,3-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dichlorobenzene[1,4-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dichlorophenol[2,4-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Diethylphthalate	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dimethyl Phthalate	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dimethylphenol[2,4-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Di-n-butylphthalate	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dinitrophenol[2,4-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dinitrotoluene[2,4-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Dinitrotoluene[2,6-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Di-n-octylphthalate	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Fluoranthene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Fluorene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Hexachlorobenzene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Hexachlorobutadiene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Hexachlorocyclopentadiene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Hexachloroethane	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Isophorone	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Methylnaphthalene[2-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Methylphenol[2-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Methylphenol[4-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Naphthalene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitroaniline[2-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitroaniline[3-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitroaniline[4-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitrobenzene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitrophenol[2-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitrophenol[4-]	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Pentachlorophenol	0.93	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Phenanthrene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Phenol	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Pyrene	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.19	mg/kg	U
50-08342	AAA3120	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.19	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08342	AAA3120	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.19	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08346	AAA2775	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08346	AAA2775	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Acenaphthene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Acenaphthylene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Anthracene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08364	AAA3145	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Benzo(a)anthracene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Benzo(a)pyrene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Benzoic Acid	0.90	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Benzyl Alcohol	0.90	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Butylbenzylphthalate	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.90	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Chloroaniline[4-]	0.90	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Chlorophenol[2-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Chrysene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dibenzofuran	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Diethylphthalate	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dimethyl Phthalate	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Di-n-butylphthalate	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dinitrophenol[2,4-]	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Di-n-octylphthalate	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Fluoranthene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Fluorene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Hexachlorobenzene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Hexachlorobutadiene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08364	AAA3145	0–0.5	ALLH	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Hexachloroethane	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Isophorone	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Methylphenol[2-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Methylphenol[4-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Naphthalene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitroaniline[2-]	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitroaniline[3-]	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitroaniline[4-]	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitrobenzene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitrophenol[2-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitrophenol[4-]	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Pentachlorophenol	0.9	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Phenanthrene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Phenol	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Pyrene	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08364	AAA3145	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Acenaphthene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Acenaphthylene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Anthracene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Benzo(a)anthracene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Benzo(a)pyrene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Benzo(b)fluoranthene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Benzo(g,h,i)perylene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Benzo(k)fluoranthene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Benzoic Acid	0.93	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08370	AAA3121	0–0.5	Fill	Benzyl Alcohol	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Bis(2-chloroethyl)ether	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Butylbenzylphthalate	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Chloroaniline[4-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Chloronaphthalene[2-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Chlorophenol[2-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Chrysene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dibenz(a,h)anthracene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dibenzofuran	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dichlorobenzene[1,2-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dichlorobenzene[1,3-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dichlorobenzene[1,4-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dichlorophenol[2,4-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Diethylphthalate	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dimethyl Phthalate	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dimethylphenol[2,4-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Di-n-butylphthalate	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dinitrophenol[2,4-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dinitrotoluene[2,4-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Dinitrotoluene[2,6-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Di-n-octylphthalate	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Fluoranthene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Fluorene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Hexachlorobenzene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Hexachlorobutadiene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Hexachlorocyclopentadiene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Hexachloroethane	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Isophorone	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Methylnaphthalene[2-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Methylphenol[2-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Methylphenol[4-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Naphthalene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Nitroaniline[2-]	0.93	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08370	AAA3121	0–0.5	Fill	Nitroaniline[3-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Nitroaniline[4-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Nitrobenzene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Nitrophenol[2-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Nitrophenol[4-]	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Pentachlorophenol	0.93	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Phenanthrene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Phenol	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Pyrene	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.19	mg/kg	U
50-08370	AAA3121	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.19	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Benzoic Acid	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Benzyl Alcohol	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Chloroaniline[4-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08374	AAA3122	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dinitrophenol[2,4-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitroaniline[2-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitroaniline[3-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitroaniline[4-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitrophenol[4-]	0.92	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Pentachlorophenol	0.92	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08374	AAA3122	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08374	AAA3122	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Acenaphthene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Acenaphthylene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Anthracene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Benzo(a)anthracene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Benzo(a)pyrene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Benzo(b)fluoranthene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Benzo(g,h,i)perylene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Benzo(k)fluoranthene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Benzoic Acid	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Benzyl Alcohol	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Bis(2-chloroethyl)ether	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Butylbenzylphthalate	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Chloroaniline[4-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Chloronaphthalene[2-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Chlorophenol[2-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Chrysene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dibenz(a,h)anthracene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dibenzofuran	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dichlorobenzene[1,2-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dichlorobenzene[1,3-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dichlorobenzene[1,4-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.93	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08386	AAA3123	0–0.5	Fill	Dichlorophenol[2,4-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Diethylphthalate	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dimethyl Phthalate	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dimethylphenol[2,4-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Di-n-butylphthalate	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dinitrophenol[2,4-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dinitrotoluene[2,4-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Dinitrotoluene[2,6-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Di-n-octylphthalate	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Fluoranthene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Fluorene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Hexachlorobenzene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Hexachlorobutadiene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Hexachlorocyclopentadiene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Hexachloroethane	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Isophorone	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Methylnaphthalene[2-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Methylphenol[2-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Methylphenol[4-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Naphthalene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitroaniline[2-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitroaniline[3-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitroaniline[4-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitrobenzene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitrophenol[2-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitrophenol[4-]	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Pentachlorophenol	0.93	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Phenanthrene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Phenol	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Pyrene	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.19	mg/kg	U
50-08386	AAA3123	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.19	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Acenaphthene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Acenaphthylene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Anthracene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08396	AAA2776	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Benzo(a)anthracene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Benzo(a)pyrene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Benzoic Acid	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Benzyl Alcohol	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Butylbenzylphthalate	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Chloroaniline[4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Chlorophenol[2-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Chrysene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dibenzofuran	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Diethylphthalate	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dimethyl Phthalate	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Di-n-butylphthalate	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dinitrophenol[2,4-]	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08396	AAA2776	0–0.5	ALLH	Di-n-octylphthalate	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Fluoranthene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Fluorene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Hexachlorobenzene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Hexachlorobutadiene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Hexachloroethane	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Isophorone	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Methylphenol[2-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Methylphenol[4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Naphthalene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitroaniline[2-]	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitroaniline[3-]	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitroaniline[4-]	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitrobenzene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitrophenol[2-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitrophenol[4-]	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Pentachlorophenol	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Phenanthrene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Phenol	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Pyrene	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.88	mg/kg	U
50-08396	AAA2776	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Acenaphthene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Acenaphthylene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Anthracene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Benzo(a)anthracene	0.35	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08418	AAA3146	0–0.5	ALLH	Benzo(a)pyrene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Benzo(b)fluoranthene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Benzo(k)fluoranthene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Benzoic Acid	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Benzyl Alcohol	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Butylbenzylphthalate	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Chloro-3-methylphenol[4-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Chloroaniline[4-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Chloronaphthalene[2-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Chlorophenol[2-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Chrysene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dibenzofuran	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Diethylphthalate	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dimethyl Phthalate	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Di-n-butylphthalate	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Di-n-octylphthalate	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Fluoranthene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Fluorene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Hexachlorobenzene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Hexachlorobutadiene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Hexachloroethane	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Isophorone	0.35	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08418	AAA3146	0–0.5	ALLH	Methylnaphthalene[2-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Methylphenol[2-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Methylphenol[4-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Naphthalene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitroaniline[4-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitrobenzene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitrophenol[2-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Pentachlorophenol	1.9	mg/kg	None
50-08418	AAA3146	0–0.5	ALLH	Phenanthrene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Phenol	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Pyrene	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
50-08418	AAA3146	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Acenaphthene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Acenaphthylene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Anthracene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Benzo(a)anthracene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Benzo(a)pyrene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Benzo(b)fluoranthene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Benzo(g,h,i)perylene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Benzo(k)fluoranthene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Benzoic Acid	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Benzyl Alcohol	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Bis(2-chloroethyl)ether	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.0002	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08428	AAA3124	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Butylbenzylphthalate	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Chloroaniline[4-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Chloronaphthalene[2-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Chlorophenol[2-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Chrysene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dibenz(a,h)anthracene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dibenzofuran	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dichlorobenzene[1,2-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dichlorobenzene[1,3-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dichlorobenzene[1,4-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dichlorophenol[2,4-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Diethylphthalate	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dimethyl Phthalate	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dimethylphenol[2,4-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Di-n-butylphthalate	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dinitrophenol[2,4-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dinitrotoluene[2,4-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Dinitrotoluene[2,6-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Di-n-octylphthalate	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Fluoranthene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Fluorene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Hexachlorobenzene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Hexachlorobutadiene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Hexachlorocyclopentadiene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Hexachloroethane	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Isophorone	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Methylnaphthalene[2-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Methylphenol[2-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Methylphenol[4-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Naphthalene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Nitroaniline[2-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Nitroaniline[3-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Nitroaniline[4-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Nitrobenzene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Nitrophenol[2-]	0.0002	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08428	AAA3124	0–0.5	Fill	Nitrophenol[4-]	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Pentachlorophenol	0.0009	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Phenanthrene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Phenol	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Pyrene	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.0002	mg/kg	U
50-08428	AAA3124	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Acenaphthene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Acenaphthylene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Anthracene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Benzo(a)anthracene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Benzo(a)pyrene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Benzo(b)fluoranthene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Benzo(g,h,i)perylene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Benzo(k)fluoranthene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Benzoic Acid	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Benzyl Alcohol	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Bis(2-chloroethyl)ether	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Butylbenzylphthalate	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Chloroaniline[4-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Chloronaphthalene[2-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Chlorophenol[2-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Chrysene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dibenz(a,h)anthracene	0.0002	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08432	AAA3125	0–0.5	Fill	Dibenzofuran	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dichlorobenzene[1,2-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dichlorobenzene[1,3-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dichlorobenzene[1,4-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dichlorophenol[2,4-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Diethylphthalate	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dimethyl Phthalate	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dimethylphenol[2,4-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Di-n-butylphthalate	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dinitrophenol[2,4-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dinitrotoluene[2,4-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Dinitrotoluene[2,6-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Di-n-octylphthalate	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Fluoranthene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Fluorene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Hexachlorobenzene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Hexachlorobutadiene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Hexachlorocyclopentadiene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Hexachloroethane	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Isophorone	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Methylnaphthalene[2-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Methylphenol[2-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Methylphenol[4-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Naphthalene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitroaniline[2-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitroaniline[3-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitroaniline[4-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitrobenzene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitrophenol[2-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitrophenol[4-]	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Pentachlorophenol	0.0009	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Phenanthrene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Phenol	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Pyrene	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.0002	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08432	AAA3125	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.0002	mg/kg	U
50-08432	AAA3125	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.0002	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Benzo(b)fluoranthene	0.21	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Benzoic Acid	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Benzyl Alcohol	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Chloroaniline[4-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08436	AAA3147	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dinitrophenol[2,4-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitroaniline[2-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitroaniline[3-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitroaniline[4-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitrophenol[4-]	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Pentachlorophenol	0.88	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08436	AAA3147	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08438	AAA3148	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Benzoic Acid	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Benzyl Alcohol	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Chloroaniline[4-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dinitrophenol[2,4-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08438	AAA3148	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Naphthalene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitroaniline[2-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitroaniline[3-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitroaniline[4-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitrophenol[4-]	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Pentachlorophenol	0.91	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08438	AAA3148	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Acenaphthene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Acenaphthylene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Anthracene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclor-1254	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Aroclors (Mixed)	0.03	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Benzo(a)anthracene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Benzo(a)pyrene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Benzo(b)fluoranthene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Benzo(g,h,i)perylene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Benzo(k)fluoranthene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08440	AAA3149	0–0.5	Fill	Benzoic Acid	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Benzyl Alcohol	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Bis(2-chloroethyl)ether	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Butylbenzylphthalate	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Chloroaniline[4-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Chloronaphthalene[2-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Chlorophenol[2-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Chrysene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dibenz(a,h)anthracene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dibenzofuran	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dichlorobenzene[1,2-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dichlorobenzene[1,3-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dichlorobenzene[1,4-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dichlorophenol[2,4-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Diethylphthalate	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dimethyl Phthalate	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dimethylphenol[2,4-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Di-n-butylphthalate	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dinitrophenol[2,4-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dinitrotoluene[2,4-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Dinitrotoluene[2,6-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Di-n-octylphthalate	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Fluoranthene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Fluorene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Hexachlorobenzene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Hexachlorobutadiene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Hexachlorocyclopentadiene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Hexachloroethane	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Isophorone	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Methylnaphthalene[2-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Methylphenol[2-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Methylphenol[4-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Naphthalene	0.18	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08440	AAA3149	0–0.5	Fill	Nitroaniline[2-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Nitroaniline[3-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Nitroaniline[4-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Nitrobenzene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Nitrophenol[2-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Nitrophenol[4-]	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Pentachlorophenol	0.91	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Phenanthrene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Phenol	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Pyrene	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.18	mg/kg	U
50-08440	AAA3149	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.18	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08446	AAA2777	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08446	AAA2777	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08446	AAA2777	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Benzoic Acid	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08474	AAA2778	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitroaniline[2-]	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitroaniline[3-]	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitroaniline[4-]	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitrophenol[4-]	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Pentachlorophenol	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
50-08474	AAA2778	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Acenaphthene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Acenaphthylene	0.35	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08486	AAA3151	0–0.5	Fill	Anthracene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Aroclor-1254	0.07	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Aroclors (Mixed)	0.07	mg/kg	None
50-08486	AAA3151	0–0.5	Fill	Benzo(a)anthracene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Benzo(a)pyrene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Benzo(b)fluoranthene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Benzo(k)fluoranthene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Benzoic Acid	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Benzyl Alcohol	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Butylbenzylphthalate	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Chloro-3-methylphenol[4-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Chloroaniline[4-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Chlorophenol[2-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Chrysene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dibenz(a,h)anthracene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dibenzofuran	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Diethylphthalate	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dimethyl Phthalate	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Di-n-butylphthalate	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08486	AAA3151	0–0.5	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Di-n-octylphthalate	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Fluoranthene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Fluorene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Hexachlorobenzene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Hexachlorobutadiene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Hexachlorocyclopentadiene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Hexachloroethane	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Isophorone	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Methylnaphthalene[2-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Methylphenol[2-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Methylphenol[4-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Naphthalene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitroaniline[2-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitroaniline[3-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitroaniline[4-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitrobenzene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitrophenol[2-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitrophenol[4-]	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Pentachlorophenol	1.7	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Phenanthrene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Phenol	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Pyrene	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
50-08486	AAA3151	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Acenaphthene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Acenaphthylene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Anthracene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Aroclor-1016	0.03	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Aroclor-1221	0.03	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Aroclor-1232	0.03	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Aroclor-1242	0.03	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Aroclor-1248	0.03	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Aroclor-1254	0.17	mg/kg	None
50-08492	AAA3152	0–0.5	Fill	Aroclor-1260	0.03	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Aroclors (Mixed)	0.17	mg/kg	None

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08492	AAA3152	0–0.5	Fill	Benzo(a)anthracene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Benzo(a)pyrene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Benzoic Acid	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Benzyl Alcohol	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Bis(2-chloroethyl)ether	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Butylbenzylphthalate	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Chloro-3-methylphenol[4-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Chloroaniline[4-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Chlorophenol[2-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Chrysene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dibenzofuran	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dichlorobenzidine[3,3'-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Diethylphthalate	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dimethyl Phthalate	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Di-n-butylphthalate	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dinitrophenol[2,4-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Di-n-octylphthalate	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Fluoranthene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Fluorene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Hexachlorobenzene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Hexachlorobutadiene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Hexachloroethane	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08492	AAA3152	0–0.5	Fill	Isophorone	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Methylphenol[2-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Methylphenol[4-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Naphthalene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitroaniline[2-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitroaniline[3-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitroaniline[4-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitrobenzene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitrophenol[2-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitrophenol[4-]	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Pentachlorophenol	0.87	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Phenanthrene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Phenol	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Pyrene	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Trichlorophenol[2,4,5-]	0.17	mg/kg	U
50-08492	AAA3152	0–0.5	Fill	Trichlorophenol[2,4,6-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Acenaphthene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Acenaphthylene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Anthracene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclor-1016	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclor-1221	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclor-1232	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclor-1242	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclor-1248	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclor-1254	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclor-1260	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Aroclors (Mixed)	0.03	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Benzo(a)anthracene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Benzo(a)pyrene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Benzo(b)fluoranthene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Benzo(g,h,i)perylene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Benzo(k)fluoranthene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Benzoic Acid	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Benzyl Alcohol	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Bis(2-chloroethyl)ether	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08494	AAA2779	0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Butylbenzylphthalate	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Chloroaniline[4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Chloronaphthalene[2-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Chlorophenol[2-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Chrysene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dibenz(a,h)anthracene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dibenzofuran	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dichlorobenzene[1,2-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dichlorobenzene[1,3-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dichlorobenzene[1,4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dichlorophenol[2,4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Diethylphthalate	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dimethyl Phthalate	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dimethylphenol[2,4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Di-n-butylphthalate	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dinitrophenol[2,4-]	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dinitrotoluene[2,4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Dinitrotoluene[2,6-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Di-n-octylphthalate	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Fluoranthene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Fluorene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Hexachlorobenzene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Hexachlorobutadiene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Hexachlorocyclopentadiene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Hexachloroethane	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Isophorone	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Methylnaphthalene[2-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Methylphenol[2-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Methylphenol[4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Naphthalene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Nitroaniline[2-]	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Nitroaniline[3-]	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Nitroaniline[4-]	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Nitrobenzene	0.17	mg/kg	U

Table E-5 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08494	AAA2779	0–0.5	ALLH	Nitrophenol[2-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Nitrophenol[4-]	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Pentachlorophenol	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Phenanthrene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Phenol	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Pyrene	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.17	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
50-08494	AAA2779	0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.17	mg/kg	U

Table E-6
MDA C Surface Data for Radionuclides

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08010	AAA3153	0–0.5	Fill	Americium-241	0.02	pCi/g	None
50-08010	AAA3153	0–0.5	Fill	Cesium-137	0.42	pCi/g	U
50-08010	AAA3153	0–0.5	Fill	Cobalt-60	0.5	pCi/g	U
50-08010	AAA3153	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08010	AAA3153	0–0.5	Fill	Plutonium-239	0.05	pCi/g	None
50-08010	AAA3153	0–0.5	Fill	Strontium-90	0.26	pCi/g	U
50-08010	AAA3153	0–0.5	Fill	Thorium-232	3.97	pCi/g	None
50-08010	AAA3153	0–0.5	Fill	Tritium	2.22	pCi/mL	None
50-08010	AAA3153	0–0.5	Fill	Uranium-234	0.9	pCi/g	None
50-08010	AAA3153	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08010	AAA3153	0–0.5	Fill	Uranium-238	1.19	pCi/g	None
50-08062	AAA3154	0–0.5	Fill	Americium-241	0.01	pCi/g	None
50-08062	AAA3154	0–0.5	Fill	Cesium-137	0.4	pCi/g	U
50-08062	AAA3154	0–0.5	Fill	Cobalt-60	0.35	pCi/g	U
50-08062	AAA3154	0–0.5	Fill	Plutonium-238	0.003	pCi/g	U
50-08062	AAA3154	0–0.5	Fill	Plutonium-239	0.007	pCi/g	U
50-08062	AAA3154	0–0.5	Fill	Strontium-90	0.3	pCi/g	U
50-08062	AAA3154	0–0.5	Fill	Thorium-232	2.75	pCi/g	U
50-08062	AAA3154	0–0.5	Fill	Tritium	0.63	pCi/mL	None
50-08062	AAA3154	0–0.5	Fill	Uranium-234	1.12	pCi/g	None
50-08062	AAA3154	0–0.5	Fill	Uranium-235	0.07	pCi/g	U
50-08062	AAA3154	0–0.5	Fill	Uranium-238	1.24	pCi/g	None
50-08064	AAA3155	0–0.5	Fill	Americium-241	0.009	pCi/g	None
50-08064	AAA3155	0–0.5	Fill	Cesium-137	0.59	pCi/g	U
50-08064	AAA3155	0–0.5	Fill	Cobalt-60	0.67	pCi/g	U
50-08064	AAA3155	0–0.5	Fill	Plutonium-238	0.007	pCi/g	None
50-08064	AAA3155	0–0.5	Fill	Plutonium-239	0.02	pCi/g	None
50-08064	AAA3155	0–0.5	Fill	Strontium-90	-0.03	pCi/g	U
50-08064	AAA3155	0–0.5	Fill	Thorium-232	3.17	pCi/g	U
50-08064	AAA3155	0–0.5	Fill	Tritium	1.09	pCi/mL	None
50-08064	AAA3155	0–0.5	Fill	Uranium-234	1.21	pCi/g	None
50-08064	AAA3155	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08064	AAA3155	0–0.5	Fill	Uranium-238	1.21	pCi/g	None
50-08086	AAA2768	0–0.5	ALLH	Americium-241	0.17	pCi/g	U
50-08086	AAA2768	0–0.5	ALLH	Cesium-137	0.57	pCi/g	U
50-08086	AAA2768	0–0.5	ALLH	Cobalt-60	0.44	pCi/g	U
50-08086	AAA2768	0–0.5	ALLH	Plutonium-238	0.22	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08086	AAA2768	0–0.5	ALLH	Plutonium-239	10.69	pCi/g	None
50-08086	AAA2768	0–0.5	ALLH	Strontium-90	-0.31	pCi/g	U
50-08086	AAA2768	0–0.5	ALLH	Thorium-232	2.63	pCi/g	U
50-08086	AAA2768	0–0.5	ALLH	Uranium-234	1.39	pCi/g	None
50-08086	AAA2768	0–0.5	ALLH	Uranium-235	0.09	pCi/g	U
50-08086	AAA2768	0–0.5	ALLH	Uranium-238	1.42	pCi/g	NQ
50-08088	AAA2769	0–0.5	ALLH	Americium-241	0.05	pCi/g	U
50-08088	AAA2769	0–0.5	ALLH	Cesium-137	0.4	pCi/g	U
50-08088	AAA2769	0–0.5	ALLH	Cobalt-60	0.55	pCi/g	U
50-08088	AAA2769	0–0.5	ALLH	Plutonium-238	0.05	pCi/g	None
50-08088	AAA2769	0–0.5	ALLH	Plutonium-239	0.44	pCi/g	None
50-08088	AAA2769	0–0.5	ALLH	Strontium-90	-0.5	pCi/g	U
50-08088	AAA2769	0–0.5	ALLH	Thorium-232	2.57	pCi/g	U
50-08088	AAA2769	0–0.5	ALLH	Uranium-234	1.6	pCi/g	None
50-08088	AAA2769	0–0.5	ALLH	Uranium-235	0.04	pCi/g	U
50-08088	AAA2769	0–0.5	ALLH	Uranium-238	1.63	pCi/g	NQ
50-08102	AAA3143	0–0.5	ALLH	Americium-241	0.09	pCi/g	None
50-08102	AAA3143	0–0.5	ALLH	Cesium-137	0.48	pCi/g	U
50-08102	AAA3143	0–0.5	ALLH	Cobalt-60	0.51	pCi/g	U
50-08102	AAA3143	0–0.5	ALLH	Plutonium-238	0.01	pCi/g	None
50-08102	AAA3143	0–0.5	ALLH	Plutonium-239	0.45	pCi/g	None
50-08102	AAA3143	0–0.5	ALLH	Strontium-90	0.32	pCi/g	U
50-08102	AAA3143	0–0.5	ALLH	Thorium-232	2.59	pCi/g	U
50-08102	AAA3143	0–0.5	ALLH	Uranium-234	1.11	pCi/g	None
50-08102	AAA3143	0–0.5	ALLH	Uranium-235	0.04	pCi/g	U
50-08102	AAA3143	0–0.5	ALLH	Uranium-238	1.32	pCi/g	None
50-08106	AAA3156	0–0.5	Fill	Americium-241	0.02	pCi/g	None
50-08106	AAA3156	0–0.5	Fill	Cesium-137	0.3	pCi/g	U
50-08106	AAA3156	0–0.5	Fill	Cobalt-60	0.47	pCi/g	U
50-08106	AAA3156	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08106	AAA3156	0–0.5	Fill	Plutonium-239	0.04	pCi/g	None
50-08106	AAA3156	0–0.5	Fill	Strontium-90	-0.46	pCi/g	U
50-08106	AAA3156	0–0.5	Fill	Thorium-232	2.78	pCi/g	U
50-08106	AAA3156	0–0.5	Fill	Tritium	0.88	pCi/mL	None
50-08106	AAA3156	0–0.5	Fill	Uranium-234	1.15	pCi/g	None
50-08106	AAA3156	0–0.5	Fill	Uranium-235	0.12	pCi/g	U
50-08106	AAA3156	0–0.5	Fill	Uranium-238	1.39	pCi/g	None
50-08110	AAA3157	0–0.5	Fill	Americium-241	0.02	pCi/g	None

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08110	AAA3157	0–0.5	Fill	Cesium-137	0.62	pCi/g	U
50-08110	AAA3157	0–0.5	Fill	Cobalt-60	0.36	pCi/g	U
50-08110	AAA3157	0–0.5	Fill	Plutonium-238	0.005	pCi/g	U
50-08110	AAA3157	0–0.5	Fill	Plutonium-239	0.11	pCi/g	None
50-08110	AAA3157	0–0.5	Fill	Strontium-90	-0.02	pCi/g	U
50-08110	AAA3157	0–0.5	Fill	Thorium-232	3.5	pCi/g	None
50-08110	AAA3157	0–0.5	Fill	Tritium	1.65	pCi/mL	None
50-08110	AAA3157	0–0.5	Fill	Uranium-234	1.26	pCi/g	None
50-08110	AAA3157	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08110	AAA3157	0–0.5	Fill	Uranium-238	1.42	pCi/g	None
50-08116	AAA3158	0–0.5	Fill	Americium-241	0.07	pCi/g	None
50-08116	AAA3158	0–0.5	Fill	Cesium-137	0.33	pCi/g	U
50-08116	AAA3158	0–0.5	Fill	Cobalt-60	0.57	pCi/g	U
50-08116	AAA3158	0–0.5	Fill	Plutonium-238	0.05	pCi/g	None
50-08116	AAA3158	0–0.5	Fill	Plutonium-239	0.55	pCi/g	None
50-08116	AAA3158	0–0.5	Fill	Strontium-90	-0.06	pCi/g	U
50-08116	AAA3158	0–0.5	Fill	Thorium-232	2.79	pCi/g	U
50-08116	AAA3158	0–0.5	Fill	Tritium	0.83	pCi/mL	None
50-08116	AAA3158	0–0.5	Fill	Uranium-234	1.22	pCi/g	None
50-08116	AAA3158	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08116	AAA3158	0–0.5	Fill	Uranium-238	1.28	pCi/g	None
50-08126	AAA2797	0–0.5	Fill	Americium-241	0.08	pCi/g	None
50-08126	AAA2797	0–0.5	Fill	Cesium-137	0.54	pCi/g	U
50-08126	AAA2797	0–0.5	Fill	Cobalt-60	0.57	pCi/g	U
50-08126	AAA2797	0–0.5	Fill	Plutonium-238	0.03	pCi/g	None
50-08126	AAA2797	0–0.5	Fill	Plutonium-239	0.39	pCi/g	None
50-08126	AAA2797	0–0.5	Fill	Strontium-90	-0.41	pCi/g	U
50-08126	AAA2797	0–0.5	Fill	Thorium-232	2.24	pCi/g	U
50-08126	AAA2797	0–0.5	Fill	Uranium-234	1.43	pCi/g	None
50-08126	AAA2797	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08126	AAA2797	0–0.5	Fill	Uranium-238	1.68	pCi/g	NQ
50-08131	AAA3242	0–0.5	Fill	Americium-241	0.05	pCi/g	None
50-08131	AAA3242	0–0.5	Fill	Cesium-137	0.35	pCi/g	U
50-08131	AAA3242	0–0.5	Fill	Cobalt-60	0.23	pCi/g	U
50-08131	AAA3242	0–0.5	Fill	Plutonium-238	0.024	pCi/g	None
50-08131	AAA3242	0–0.5	Fill	Plutonium-239	0.42	pCi/g	None
50-08131	AAA3242	0–0.5	Fill	Strontium-90	-0.41	pCi/g	U
50-08131	AAA3242	0–0.5	Fill	Thorium-232	1.99	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08131	AAA3242	0–0.5	Fill	Tritium	1.85	pCi/mL	None
50-08131	AAA3242	0–0.5	Fill	Uranium-234	1.39	pCi/g	None
50-08131	AAA3242	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08131	AAA3242	0–0.5	Fill	Uranium-238	1.44	pCi/g	None
50-08134	AAA2798	0–0.5	Fill	Americium-241	0.29	pCi/g	None
50-08134	AAA2798	0–0.5	Fill	Cesium-137	0.69	pCi/g	None
50-08134	AAA2798	0–0.5	Fill	Cobalt-60	0.39	pCi/g	U
50-08134	AAA2798	0–0.5	Fill	Plutonium-238	0.07	pCi/g	None
50-08134	AAA2798	0–0.5	Fill	Plutonium-239	2.91	pCi/g	None
50-08134	AAA2798	0–0.5	Fill	Strontium-90	0.18	pCi/g	U
50-08134	AAA2798	0–0.5	Fill	Thorium-232	3.73	pCi/g	None
50-08134	AAA2798	0–0.5	Fill	Uranium-234	1.43	pCi/g	None
50-08134	AAA2798	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08134	AAA2798	0–0.5	Fill	Uranium-238	1.73	pCi/g	NQ
50-08136	AAA2770	0–0.5	ALLH	Americium-241	0.05	pCi/g	None
50-08136	AAA2770	0–0.5	ALLH	Cesium-137	0.59	pCi/g	U
50-08136	AAA2770	0–0.5	ALLH	Cobalt-60	0.31	pCi/g	U
50-08136	AAA2770	0–0.5	ALLH	Plutonium-238	0.08	pCi/g	U
50-08136	AAA2770	0–0.5	ALLH	Plutonium-239	1.43	pCi/g	None
50-08136	AAA2770	0–0.5	ALLH	Strontium-90	-0.33	pCi/g	U
50-08136	AAA2770	0–0.5	ALLH	Thorium-232	3.74	pCi/g	None
50-08136	AAA2770	0–0.5	ALLH	Uranium-234	1.89	pCi/g	None
50-08136	AAA2770	0–0.5	ALLH	Uranium-235	0.07	pCi/g	U
50-08136	AAA2770	0–0.5	ALLH	Uranium-238	1.99	pCi/g	NQ
50-08137	AAA3243	0–0.5	Fill	Americium-241	0.05	pCi/g	None
50-08137	AAA3243	0–0.5	Fill	Cesium-137	0.42	pCi/g	U
50-08137	AAA3243	0–0.5	Fill	Cobalt-60	0.26	pCi/g	U
50-08137	AAA3243	0–0.5	Fill	Plutonium-238	0.01	pCi/g	None
50-08137	AAA3243	0–0.5	Fill	Plutonium-239	0.59	pCi/g	None
50-08137	AAA3243	0–0.5	Fill	Strontium-90	-0.61	pCi/g	U
50-08137	AAA3243	0–0.5	Fill	Thorium-232	3.32	pCi/g	None
50-08137	AAA3243	0–0.5	Fill	Tritium	4.27	pCi/mL	None
50-08137	AAA3243	0–0.5	Fill	Uranium-234	1.24	pCi/g	None
50-08137	AAA3243	0–0.5	Fill	Uranium-235	0.07	pCi/g	U
50-08137	AAA3243	0–0.5	Fill	Uranium-238	1.42	pCi/g	None
50-08138	AAA2771	0–0.5	ALLH	Americium-241	1.02	pCi/g	None
50-08138	AAA2771	0–0.5	ALLH	Cesium-137	0.65	pCi/g	U
50-08138	AAA2771	0–0.5	ALLH	Cobalt-60	0.54	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08138	AAA2771	0–0.5	ALLH	Plutonium-238	0.023	pCi/g	None
50-08138	AAA2771	0–0.5	ALLH	Plutonium-239	0.46	pCi/g	None
50-08138	AAA2771	0–0.5	ALLH	Strontium-90	-0.54	pCi/g	U
50-08138	AAA2771	0–0.5	ALLH	Thorium-232	3.27	pCi/g	None
50-08138	AAA2771	0–0.5	ALLH	Uranium-234	1.52	pCi/g	None
50-08138	AAA2771	0–0.5	ALLH	Uranium-235	0.1	pCi/g	U
50-08138	AAA2771	0–0.5	ALLH	Uranium-238	1.57	pCi/g	NQ
50-08139	AAA3244	0–0.5	Fill	Americium-241	0.13	pCi/g	None
50-08139	AAA3244	0–0.5	Fill	Cesium-137	0.47	pCi/g	U
50-08139	AAA3244	0–0.5	Fill	Cobalt-60	0.58	pCi/g	U
50-08139	AAA3244	0–0.5	Fill	Plutonium-238	0.037	pCi/g	None
50-08139	AAA3244	0–0.5	Fill	Plutonium-239	2.68	pCi/g	None
50-08139	AAA3244	0–0.5	Fill	Strontium-90	-0.27	pCi/g	U
50-08139	AAA3244	0–0.5	Fill	Thorium-232	2.76	pCi/g	U
50-08139	AAA3244	0–0.5	Fill	Tritium	1.25	pCi/mL	None
50-08139	AAA3244	0–0.5	Fill	Uranium-234	1.74	pCi/g	None
50-08139	AAA3244	0–0.5	Fill	Uranium-235	0.1	pCi/g	U
50-08139	AAA3244	0–0.5	Fill	Uranium-238	1.55	pCi/g	None
50-08140	AAA2772	0–0.5	ALLH	Americium-241	0.03	pCi/g	None
50-08140	AAA2772	0–0.5	ALLH	Cesium-137	0.65	pCi/g	U
50-08140	AAA2772	0–0.5	ALLH	Cobalt-60	0.49	pCi/g	U
50-08140	AAA2772	0–0.5	ALLH	Plutonium-238	0.01	pCi/g	None
50-08140	AAA2772	0–0.5	ALLH	Plutonium-239	0.35	pCi/g	None
50-08140	AAA2772	0–0.5	ALLH	Strontium-90	0.02	pCi/g	U
50-08140	AAA2772	0–0.5	ALLH	Thorium-232	4.01	pCi/g	None
50-08140	AAA2772	0–0.5	ALLH	Uranium-234	1.54	pCi/g	None
50-08140	AAA2772	0–0.5	ALLH	Uranium-235	0.04	pCi/g	U
50-08140	AAA2772	0–0.5	ALLH	Uranium-238	1.53	pCi/g	NQ
50-08142	AAA2773	0–0.5	ALLH	Americium-241	0.03	pCi/g	None
50-08142	AAA2773	0–0.5	ALLH	Cesium-137	0.5	pCi/g	U
50-08142	AAA2773	0–0.5	ALLH	Cobalt-60	0.81	pCi/g	U
50-08142	AAA2773	0–0.5	ALLH	Plutonium-238	0.02	pCi/g	None
50-08142	AAA2773	0–0.5	ALLH	Plutonium-239	0.34	pCi/g	None
50-08142	AAA2773	0–0.5	ALLH	Strontium-90	0	pCi/g	U
50-08142	AAA2773	0–0.5	ALLH	Thorium-232	2.8	pCi/g	U
50-08142	AAA2773	0–0.5	ALLH	Uranium-234	1.5	pCi/g	None
50-08142	AAA2773	0–0.5	ALLH	Uranium-235	0.09	pCi/g	U
50-08142	AAA2773	0–0.5	ALLH	Uranium-238	1.57	pCi/g	NQ

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08144	AAA2774	0–0.5	ALLH	Americium-241	0.04	pCi/g	None
50-08144	AAA2774	0–0.5	ALLH	Cesium-137	0.61	pCi/g	U
50-08144	AAA2774	0–0.5	ALLH	Cobalt-60	0.42	pCi/g	U
50-08144	AAA2774	0–0.5	ALLH	Plutonium-238	0.01	pCi/g	None
50-08144	AAA2774	0–0.5	ALLH	Plutonium-239	0.28	pCi/g	None
50-08144	AAA2774	0–0.5	ALLH	Strontium-90	-0.27	pCi/g	U
50-08144	AAA2774	0–0.5	ALLH	Thorium-232	2.46	pCi/g	U
50-08144	AAA2774	0–0.5	ALLH	Uranium-234	1.46	pCi/g	None
50-08144	AAA2774	0–0.5	ALLH	Uranium-235	0.11	pCi/g	U
50-08144	AAA2774	0–0.5	ALLH	Uranium-238	1.64	pCi/g	NQ
50-08154	AAA3144	0–0.5	ALLH	Americium-241	0.26	pCi/g	None
50-08154	AAA3144	0–0.5	ALLH	Cesium-137	1.22	pCi/g	None
50-08154	AAA3144	0–0.5	ALLH	Cobalt-60	0.41	pCi/g	U
50-08154	AAA3144	0–0.5	ALLH	Plutonium-238	0.04	pCi/g	None
50-08154	AAA3144	0–0.5	ALLH	Plutonium-239	1.6	pCi/g	None
50-08154	AAA3144	0–0.5	ALLH	Strontium-90	0.19	pCi/g	U
50-08154	AAA3144	0–0.5	ALLH	Thorium-232	2.09	pCi/g	U
50-08154	AAA3144	0–0.5	ALLH	Uranium-234	1.4	pCi/g	None
50-08154	AAA3144	0–0.5	ALLH	Uranium-235	0.08	pCi/g	U
50-08154	AAA3144	0–0.5	ALLH	Uranium-238	1.37	pCi/g	None
50-08156	AAA3159	0–0.5	Fill	Americium-241	0.21	pCi/g	None
50-08156	AAA3159	0–0.5	Fill	Cesium-137	0.57	pCi/g	U
50-08156	AAA3159	0–0.5	Fill	Cobalt-60	0.44	pCi/g	U
50-08156	AAA3159	0–0.5	Fill	Plutonium-238	0.04	pCi/g	None
50-08156	AAA3159	0–0.5	Fill	Plutonium-239	1.23	pCi/g	None
50-08156	AAA3159	0–0.5	Fill	Strontium-90	-0.27	pCi/g	U
50-08156	AAA3159	0–0.5	Fill	Thorium-232	2.73	pCi/g	U
50-08156	AAA3159	0–0.5	Fill	Tritium	0.79	pCi/mL	None
50-08156	AAA3159	0–0.5	Fill	Uranium-234	1.43	pCi/g	None
50-08156	AAA3159	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08156	AAA3159	0–0.5	Fill	Uranium-238	1.79	pCi/g	None
50-08162	AAA3160	0–0.5	Fill	Americium-241	0.01	pCi/g	None
50-08162	AAA3160	0–0.5	Fill	Cesium-137	0.31	pCi/g	U
50-08162	AAA3160	0–0.5	Fill	Cobalt-60	0.33	pCi/g	U
50-08162	AAA3160	0–0.5	Fill	Plutonium-238	0.02	pCi/g	None
50-08162	AAA3160	0–0.5	Fill	Plutonium-239	0.08	pCi/g	None
50-08162	AAA3160	0–0.5	Fill	Strontium-90	-0.3	pCi/g	U
50-08162	AAA3160	0–0.5	Fill	Thorium-232	2.3	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08162	AAA3160	0–0.5	Fill	Tritium	0.89	pCi/mL	None
50-08162	AAA3160	0–0.5	Fill	Uranium-234	1.24	pCi/g	None
50-08162	AAA3160	0–0.5	Fill	Uranium-235	0.05	pCi/g	U
50-08162	AAA3160	0–0.5	Fill	Uranium-238	1.26	pCi/g	None
50-08168	AAA3189	0–0.5	Fill	Americium-241	0.04	pCi/g	U
50-08168	AAA3189	0–0.5	Fill	Cesium-137	0.52	pCi/g	U
50-08168	AAA3189	0–0.5	Fill	Cobalt-60	0.64	pCi/g	U
50-08168	AAA3189	0–0.5	Fill	Plutonium-238	0.03	pCi/g	U
50-08168	AAA3189	0–0.5	Fill	Plutonium-239	0.96	pCi/g	None
50-08168	AAA3189	0–0.5	Fill	Strontium-90	-0.48	pCi/g	U
50-08168	AAA3189	0–0.5	Fill	Thorium-232	2.64	pCi/g	U
50-08168	AAA3189	0–0.5	Fill	Tritium	0.47	pCi/mL	U
50-08168	AAA3189	0–0.5	Fill	Uranium-234	1.11	pCi/g	None
50-08168	AAA3189	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08168	AAA3189	0–0.5	Fill	Uranium-238	1.21	pCi/g	NQ
50-08176	AAA2799	0–0.5	Fill	Americium-241	0.007	pCi/g	U
50-08176	AAA2799	0–0.5	Fill	Cesium-137	0.44	pCi/g	U
50-08176	AAA2799	0–0.5	Fill	Cobalt-60	0.26	pCi/g	U
50-08176	AAA2799	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08176	AAA2799	0–0.5	Fill	Plutonium-239	0.05	pCi/g	None
50-08176	AAA2799	0–0.5	Fill	Strontium-90	-0.48	pCi/g	U
50-08176	AAA2799	0–0.5	Fill	Thorium-232	3.6	pCi/g	U
50-08176	AAA2799	0–0.5	Fill	Uranium-234	1.41	pCi/g	None
50-08176	AAA2799	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08176	AAA2799	0–0.5	Fill	Uranium-238	1.49	pCi/g	NQ
50-08180	AAA2800	0–0.5	Fill	Americium-241	0.01	pCi/g	None
50-08180	AAA2800	0–0.5	Fill	Cesium-137	0.59	pCi/g	U
50-08180	AAA2800	0–0.5	Fill	Cobalt-60	0.39	pCi/g	U
50-08180	AAA2800	0–0.5	Fill	Plutonium-238	0.007	pCi/g	U
50-08180	AAA2800	0–0.5	Fill	Plutonium-239	0.05	pCi/g	None
50-08180	AAA2800	0–0.5	Fill	Strontium-90	-0.62	pCi/g	U
50-08180	AAA2800	0–0.5	Fill	Thorium-232	2.51	pCi/g	U
50-08180	AAA2800	0–0.5	Fill	Uranium-234	1.27	pCi/g	None
50-08180	AAA2800	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08180	AAA2800	0–0.5	Fill	Uranium-238	1.46	pCi/g	NQ
50-08185	AAA3245	0–0.5	Fill	Americium-241	0.08	pCi/g	None
50-08185	AAA3245	0–0.5	Fill	Cesium-137	0.33	pCi/g	U
50-08185	AAA3245	0–0.5	Fill	Cobalt-60	0.37	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08185	AAA3245	0–0.5	Fill	Plutonium-238	0.008	pCi/g	None
50-08185	AAA3245	0–0.5	Fill	Plutonium-239	0.56	pCi/g	None
50-08185	AAA3245	0–0.5	Fill	Strontium-90	-0.2	pCi/g	U
50-08185	AAA3245	0–0.5	Fill	Thorium-232	2.45	pCi/g	U
50-08185	AAA3245	0–0.5	Fill	Tritium	1.18	pCi/mL	None
50-08185	AAA3245	0–0.5	Fill	Uranium-234	1.63	pCi/g	None
50-08185	AAA3245	0–0.5	Fill	Uranium-235	0.1	pCi/g	U
50-08185	AAA3245	0–0.5	Fill	Uranium-238	1.52	pCi/g	None
50-08189	AAA3246	0–0.5	Fill	Americium-241	0.005	pCi/g	U
50-08189	AAA3246	0–0.5	Fill	Cesium-137	0.32	pCi/g	U
50-08189	AAA3246	0–0.5	Fill	Cobalt-60	0.4	pCi/g	U
50-08189	AAA3246	0–0.5	Fill	Plutonium-238	0.006	pCi/g	U
50-08189	AAA3246	0–0.5	Fill	Plutonium-239	0.02	pCi/g	None
50-08189	AAA3246	0–0.5	Fill	Strontium-90	-0.31	pCi/g	U
50-08189	AAA3246	0–0.5	Fill	Thorium-232	1.83	pCi/g	U
50-08189	AAA3246	0–0.5	Fill	Tritium	1.47	pCi/mL	None
50-08189	AAA3246	0–0.5	Fill	Uranium-234	1.73	pCi/g	None
50-08189	AAA3246	0–0.5	Fill	Uranium-235	0.11	pCi/g	U
50-08189	AAA3246	0–0.5	Fill	Uranium-238	1.59	pCi/g	None
50-08193	AAA3247	0–0.5	Fill	Americium-241	0.08	pCi/g	None
50-08193	AAA3247	0–0.5	Fill	Cesium-137	0.588	pCi/g	U
50-08193	AAA3247	0–0.5	Fill	Cobalt-60	0.33	pCi/g	U
50-08193	AAA3247	0–0.5	Fill	Plutonium-238	0.024	pCi/g	None
50-08193	AAA3247	0–0.5	Fill	Plutonium-239	1.26	pCi/g	None
50-08193	AAA3247	0–0.5	Fill	Strontium-90	-0.26	pCi/g	U
50-08193	AAA3247	0–0.5	Fill	Thorium-232	2.44	pCi/g	U
50-08193	AAA3247	0–0.5	Fill	Tritium	3.45	pCi/mL	None
50-08193	AAA3247	0–0.5	Fill	Uranium-234	1.42	pCi/g	None
50-08193	AAA3247	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08193	AAA3247	0–0.5	Fill	Uranium-238	1.69	pCi/g	None
50-08194	AAA2801	0–0.5	Fill	Americium-241	0.022	pCi/g	None
50-08194	AAA2801	0–0.5	Fill	Cesium-137	0.64	pCi/g	U
50-08194	AAA2801	0–0.5	Fill	Cobalt-60	0.42	pCi/g	U
50-08194	AAA2801	0–0.5	Fill	Plutonium-238	0.009	pCi/g	None
50-08194	AAA2801	0–0.5	Fill	Plutonium-239	0.25	pCi/g	None
50-08194	AAA2801	0–0.5	Fill	Strontium-90	-0.61	pCi/g	U
50-08194	AAA2801	0–0.5	Fill	Thorium-232	2.76	pCi/g	U
50-08194	AAA2801	0–0.5	Fill	Tritium	0.17	pCi/mL	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08194	AAA2801	0–0.5	Fill	Uranium-234	1.47	pCi/g	None
50-08194	AAA2801	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08194	AAA2801	0–0.5	Fill	Uranium-238	2.45	pCi/g	NQ
50-08195	AAA3248	0–0.5	Fill	Americium-241	0.02	pCi/g	None
50-08195	AAA3248	0–0.5	Fill	Cesium-137	0.34	pCi/g	U
50-08195	AAA3248	0–0.5	Fill	Cobalt-60	0.5	pCi/g	U
50-08195	AAA3248	0–0.5	Fill	Plutonium-238	0.006	pCi/g	U
50-08195	AAA3248	0–0.5	Fill	Plutonium-239	0.14	pCi/g	None
50-08195	AAA3248	0–0.5	Fill	Strontium-90	-0.45	pCi/g	U
50-08195	AAA3248	0–0.5	Fill	Thorium-232	2.69	pCi/g	U
50-08195	AAA3248	0–0.5	Fill	Tritium	4.04	pCi/mL	None
50-08195	AAA3248	0–0.5	Fill	Uranium-234	1.43	pCi/g	None
50-08195	AAA3248	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08195	AAA3248	0–0.5	Fill	Uranium-238	1.7	pCi/g	None
50-08214	AAA3190	0–0.5	Fill	Americium-241	0.013	pCi/g	None
50-08214	AAA3190	0–0.5	Fill	Cesium-137	0.27	pCi/g	U
50-08214	AAA3190	0–0.5	Fill	Cobalt-60	0.25	pCi/g	U
50-08214	AAA3190	0–0.5	Fill	Plutonium-238	0.03	pCi/g	None
50-08214	AAA3190	0–0.5	Fill	Plutonium-239	0.09	pCi/g	None
50-08214	AAA3190	0–0.5	Fill	Strontium-90	-0.48	pCi/g	U
50-08214	AAA3190	0–0.5	Fill	Thorium-232	2.82	pCi/g	U
50-08214	AAA3190	0–0.5	Fill	Uranium-234	1.19	pCi/g	None
50-08214	AAA3190	0–0.5	Fill	Uranium-235	0.07	pCi/g	U
50-08214	AAA3190	0–0.5	Fill	Uranium-238	1.16	pCi/g	NQ
50-08216	AAA3191	0–0.5	Fill	Americium-241	0.006	pCi/g	U
50-08216	AAA3191	0–0.5	Fill	Cesium-137	0.27	pCi/g	U
50-08216	AAA3191	0–0.5	Fill	Cobalt-60	0.52	pCi/g	U
50-08216	AAA3191	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08216	AAA3191	0–0.5	Fill	Plutonium-239	0.03	pCi/g	None
50-08216	AAA3191	0–0.5	Fill	Strontium-90	-0.29	pCi/g	U
50-08216	AAA3191	0–0.5	Fill	Thorium-232	3.46	pCi/g	None
50-08216	AAA3191	0–0.5	Fill	Uranium-234	1.06	pCi/g	None
50-08216	AAA3191	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08216	AAA3191	0–0.5	Fill	Uranium-238	1.13	pCi/g	NQ
50-08222	AAA2802	0–0.5	Fill	Americium-241	0.01	pCi/g	None
50-08222	AAA2802	0–0.5	Fill	Cesium-137	0.63	pCi/g	U
50-08222	AAA2802	0–0.5	Fill	Cobalt-60	0.23	pCi/g	U
50-08222	AAA2802	0–0.5	Fill	Plutonium-238	0.006	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08222	AAA2802	0–0.5	Fill	Plutonium-239	0.11	pCi/g	U
50-08222	AAA2802	0–0.5	Fill	Strontium-90	-0.13	pCi/g	U
50-08222	AAA2802	0–0.5	Fill	Thorium-232	3.07	pCi/g	None
50-08222	AAA2802	0–0.5	Fill	Uranium-234	1.44	pCi/g	None
50-08222	AAA2802	0–0.5	Fill	Uranium-235	0.07	pCi/g	U
50-08222	AAA2802	0–0.5	Fill	Uranium-238	1.6	pCi/g	NQ
50-08224	AAA2803	0–0.5	Fill	Americium-241	0.007	pCi/g	U
50-08224	AAA2803	0–0.5	Fill	Cesium-137	0.79	pCi/g	U
50-08224	AAA2803	0–0.5	Fill	Cobalt-60	0.53	pCi/g	U
50-08224	AAA2803	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08224	AAA2803	0–0.5	Fill	Plutonium-239	0.32	pCi/g	None
50-08224	AAA2803	0–0.5	Fill	Strontium-90	-0.28	pCi/g	U
50-08224	AAA2803	0–0.5	Fill	Thorium-232	2.84	pCi/g	U
50-08224	AAA2803	0–0.5	Fill	Uranium-234	1.41	pCi/g	None
50-08224	AAA2803	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08224	AAA2803	0–0.5	Fill	Uranium-238	1.29	pCi/g	NQ
50-08226	AAA2804	0–0.5	Fill	Americium-241	0.01	pCi/g	None
50-08226	AAA2804	0–0.5	Fill	Cesium-137	0.29	pCi/g	U
50-08226	AAA2804	0–0.5	Fill	Cobalt-60	0.76	pCi/g	U
50-08226	AAA2804	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08226	AAA2804	0–0.5	Fill	Plutonium-239	0.12	pCi/g	None
50-08226	AAA2804	0–0.5	Fill	Strontium-90	-0.29	pCi/g	U
50-08226	AAA2804	0–0.5	Fill	Thorium-232	3.73	pCi/g	None
50-08226	AAA2804	0–0.5	Fill	Tritium	0.17	pCi/mL	U
50-08226	AAA2804	0–0.5	Fill	Uranium-234	1.59	pCi/g	None
50-08226	AAA2804	0–0.5	Fill	Uranium-235	0.1	pCi/g	U
50-08226	AAA2804	0–0.5	Fill	Uranium-238	1.57	pCi/g	NQ
50-08228	AAA2805	0–0.5	Fill	Americium-241	0.01	pCi/g	None
50-08228	AAA2805	0–0.5	Fill	Cesium-137	0.32	pCi/g	U
50-08228	AAA2805	0–0.5	Fill	Cobalt-60	0.53	pCi/g	U
50-08228	AAA2805	0–0.5	Fill	Plutonium-238	0.002	pCi/g	U
50-08228	AAA2805	0–0.5	Fill	Plutonium-239	0.07	pCi/g	U
50-08228	AAA2805	0–0.5	Fill	Strontium-90	-0.21	pCi/g	U
50-08228	AAA2805	0–0.5	Fill	Thorium-232	2.75	pCi/g	U
50-08228	AAA2805	0–0.5	Fill	Uranium-234	1.43	pCi/g	None
50-08228	AAA2805	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08228	AAA2805	0–0.5	Fill	Uranium-238	1.46	pCi/g	NQ
50-08231	AAA3249	0–0.5	Fill	Americium-241	0.003	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08231	AAA3249	0–0.5	Fill	Cesium-137	0.41	pCi/g	U
50-08231	AAA3249	0–0.5	Fill	Cobalt-60	0.4	pCi/g	U
50-08231	AAA3249	0–0.5	Fill	Plutonium-238	0.003	pCi/g	U
50-08231	AAA3249	0–0.5	Fill	Plutonium-239	0.02	pCi/g	None
50-08231	AAA3249	0–0.5	Fill	Strontium-90	-0.51	pCi/g	U
50-08231	AAA3249	0–0.5	Fill	Thorium-232	2.69	pCi/g	U
50-08231	AAA3249	0–0.5	Fill	Tritium	0.96	pCi/mL	None
50-08231	AAA3249	0–0.5	Fill	Uranium-234	1.45	pCi/g	None
50-08231	AAA3249	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08231	AAA3249	0–0.5	Fill	Uranium-238	1.24	pCi/g	None
50-08240	AAA3092	0–0.5	Fill	Americium-241	0.004	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Cesium-137	0.35	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Cobalt-60	0.45	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Plutonium-238	0.005	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Plutonium-239	0.003	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Strontium-90	-0.31	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Thorium-232	2.4	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Uranium-234	1.5	pCi/g	None
50-08240	AAA3092	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08240	AAA3092	0–0.5	Fill	Uranium-238	1.42	pCi/g	NQ
50-08244	AAA3093	0–0.5	Fill	Americium-241	0.05	pCi/g	None
50-08244	AAA3093	0–0.5	Fill	Cesium-137	0.54	pCi/g	U
50-08244	AAA3093	0–0.5	Fill	Cobalt-60	0.17	pCi/g	U
50-08244	AAA3093	0–0.5	Fill	Plutonium-238	0.01	pCi/g	None
50-08244	AAA3093	0–0.5	Fill	Plutonium-239	0.31	pCi/g	None
50-08244	AAA3093	0–0.5	Fill	Strontium-90	-0.51	pCi/g	U
50-08244	AAA3093	0–0.5	Fill	Thorium-232	3.34	pCi/g	None
50-08244	AAA3093	0–0.5	Fill	Tritium	0.23	pCi/mL	U
50-08244	AAA3093	0–0.5	Fill	Uranium-234	1.79	pCi/g	None
50-08244	AAA3093	0–0.5	Fill	Uranium-235	0.15	pCi/g	U
50-08244	AAA3093	0–0.5	Fill	Uranium-238	2.16	pCi/g	NQ
50-08245	AAA3250	0–0.5	Fill	Americium-241	0.09	pCi/g	None
50-08245	AAA3250	0–0.5	Fill	Cesium-137	0.46	pCi/g	U
50-08245	AAA3250	0–0.5	Fill	Cobalt-60	0.35	pCi/g	U
50-08245	AAA3250	0–0.5	Fill	Plutonium-238	0.01	pCi/g	None
50-08245	AAA3250	0–0.5	Fill	Plutonium-239	1.25	pCi/g	None
50-08245	AAA3250	0–0.5	Fill	Strontium-90	-0.39	pCi/g	U
50-08245	AAA3250	0–0.5	Fill	Thorium-232	3.07	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08245	AAA3250	0–0.5	Fill	Tritium	3.54	pCi/mL	None
50-08245	AAA3250	0–0.5	Fill	Uranium-234	1.21	pCi/g	None
50-08245	AAA3250	0–0.5	Fill	Uranium-235	0.05	pCi/g	U
50-08245	AAA3250	0–0.5	Fill	Uranium-238	1.41	pCi/g	None
50-08266	AAA3192	0–0.5	Fill	Americium-241	0.03	pCi/g	None
50-08266	AAA3192	0–0.5	Fill	Cesium-137	0.35	pCi/g	U
50-08266	AAA3192	0–0.5	Fill	Cobalt-60	0.35	pCi/g	U
50-08266	AAA3192	0–0.5	Fill	Plutonium-238	0.02	pCi/g	None
50-08266	AAA3192	0–0.5	Fill	Plutonium-239	0.23	pCi/g	None
50-08266	AAA3192	0–0.5	Fill	Strontium-90	-0.45	pCi/g	U
50-08266	AAA3192	0–0.5	Fill	Thorium-232	2.94	pCi/g	U
50-08266	AAA3192	0–0.5	Fill	Uranium-234	1.23	pCi/g	None
50-08266	AAA3192	0–0.5	Fill	Uranium-235	0.07	pCi/g	U
50-08266	AAA3192	0–0.5	Fill	Uranium-238	1.44	pCi/g	NQ
50-08274	AAA3094	0–0.5	Fill	Americium-241	0.02	pCi/g	None
50-08274	AAA3094	0–0.5	Fill	Cesium-137	0.4	pCi/g	U
50-08274	AAA3094	0–0.5	Fill	Cobalt-60	0.74	pCi/g	U
50-08274	AAA3094	0–0.5	Fill	Plutonium-238	0.006	pCi/g	U
50-08274	AAA3094	0–0.5	Fill	Plutonium-239	0.2	pCi/g	None
50-08274	AAA3094	0–0.5	Fill	Strontium-90	-0.3	pCi/g	U
50-08274	AAA3094	0–0.5	Fill	Thorium-232	2.83	pCi/g	U
50-08274	AAA3094	0–0.5	Fill	Uranium-234	1.32	pCi/g	None
50-08274	AAA3094	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08274	AAA3094	0–0.5	Fill	Uranium-238	1.48	pCi/g	NQ
50-08286	AAA3095	0–0.5	Fill	Americium-241	0.007	pCi/g	None
50-08286	AAA3095	0–0.5	Fill	Cesium-137	0.65	pCi/g	U
50-08286	AAA3095	0–0.5	Fill	Cobalt-60	0.43	pCi/g	U
50-08286	AAA3095	0–0.5	Fill	Plutonium-238	0.009	pCi/g	None
50-08286	AAA3095	0–0.5	Fill	Plutonium-239	0.03	pCi/g	None
50-08286	AAA3095	0–0.5	Fill	Strontium-90	-0.18	pCi/g	U
50-08286	AAA3095	0–0.5	Fill	Thorium-232	3.71	pCi/g	U
50-08286	AAA3095	0–0.5	Fill	Tritium	0.24	pCi/mL	U
50-08286	AAA3095	0–0.5	Fill	Uranium-234	1.35	pCi/g	None
50-08286	AAA3095	0–0.5	Fill	Uranium-235	0.03	pCi/g	U
50-08286	AAA3095	0–0.5	Fill	Uranium-238	1.3	pCi/g	NQ
50-08290	AAA3096	0–0.5	Fill	Americium-241	0.009	pCi/g	None
50-08290	AAA3096	0–0.5	Fill	Cesium-137	0.44	pCi/g	U
50-08290	AAA3096	0–0.5	Fill	Cobalt-60	0.33	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08290	AAA3096	0–0.5	Fill	Plutonium-238	0.005	pCi/g	U
50-08290	AAA3096	0–0.5	Fill	Plutonium-239	0.07	pCi/g	None
50-08290	AAA3096	0–0.5	Fill	Strontium-90	0.2	pCi/g	U
50-08290	AAA3096	0–0.5	Fill	Thorium-232	3.47	pCi/g	U
50-08290	AAA3096	0–0.5	Fill	Tritium	0.18	pCi/mL	U
50-08290	AAA3096	0–0.5	Fill	Uranium-234	1.58	pCi/g	None
50-08290	AAA3096	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08290	AAA3096	0–0.5	Fill	Uranium-238	1.71	pCi/g	NQ
50-08312	AAA3193	0–0.5	Fill	Americium-241	0.05	pCi/g	None
50-08312	AAA3193	0–0.5	Fill	Cesium-137	0.65	pCi/g	U
50-08312	AAA3193	0–0.5	Fill	Cobalt-60	0.18	pCi/g	U
50-08312	AAA3193	0–0.5	Fill	Plutonium-238	0.04	pCi/g	None
50-08312	AAA3193	0–0.5	Fill	Plutonium-239	0.37	pCi/g	None
50-08312	AAA3193	0–0.5	Fill	Strontium-90	-0.12	pCi/g	U
50-08312	AAA3193	0–0.5	Fill	Thorium-232	2.64	pCi/g	U
50-08312	AAA3193	0–0.5	Fill	Uranium-234	1.56	pCi/g	None
50-08312	AAA3193	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08312	AAA3193	0–0.5	Fill	Uranium-238	1.6	pCi/g	NQ
50-08324	AAA3097	0–0.5	Fill	Americium-241	0.008	pCi/g	None
50-08324	AAA3097	0–0.5	Fill	Cesium-137	0.51	pCi/g	U
50-08324	AAA3097	0–0.5	Fill	Cobalt-60	0.3	pCi/g	U
50-08324	AAA3097	0–0.5	Fill	Plutonium-238	0.002	pCi/g	U
50-08324	AAA3097	0–0.5	Fill	Plutonium-239	0.03	pCi/g	None
50-08324	AAA3097	0–0.5	Fill	Strontium-90	0.02	pCi/g	U
50-08324	AAA3097	0–0.5	Fill	Thorium-232	2.86	pCi/g	U
50-08324	AAA3097	0–0.5	Fill	Uranium-234	1.3	pCi/g	None
50-08324	AAA3097	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08324	AAA3097	0–0.5	Fill	Uranium-238	1.35	pCi/g	NQ
50-08326	AAA3098	0–0.5	Fill	Americium-241	0.02	pCi/g	None
50-08326	AAA3098	0–0.5	Fill	Cesium-137	0.62	pCi/g	U
50-08326	AAA3098	0–0.5	Fill	Cobalt-60	0.52	pCi/g	U
50-08326	AAA3098	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08326	AAA3098	0–0.5	Fill	Plutonium-239	0.14	pCi/g	None
50-08326	AAA3098	0–0.5	Fill	Strontium-90	0.1	pCi/g	U
50-08326	AAA3098	0–0.5	Fill	Thorium-232	4.80	pCi/g	None
50-08326	AAA3098	0–0.5	Fill	Uranium-234	1.26	pCi/g	None
50-08326	AAA3098	0–0.5	Fill	Uranium-235	0.1	pCi/g	U
50-08326	AAA3098	0–0.5	Fill	Uranium-238	1.36	pCi/g	NQ

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08328	AAA3099	0–0.5	Fill	Americium-241	0.006	pCi/g	U
50-08328	AAA3099	0–0.5	Fill	Cesium-137	0.65	pCi/g	U
50-08328	AAA3099	0–0.5	Fill	Cobalt-60	0.25	pCi/g	U
50-08328	AAA3099	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08328	AAA3099	0–0.5	Fill	Plutonium-239	0.1	pCi/g	None
50-08328	AAA3099	0–0.5	Fill	Strontium-90	-0.2	pCi/g	U
50-08328	AAA3099	0–0.5	Fill	Thorium-232	2.31	pCi/g	U
50-08328	AAA3099	0–0.5	Fill	Uranium-234	1.21	pCi/g	None
50-08328	AAA3099	0–0.5	Fill	Uranium-235	0.05	pCi/g	U
50-08328	AAA3099	0–0.5	Fill	Uranium-238	1.32	pCi/g	NQ
50-08336	AAA3118	0–0.5	Fill	Americium-241	0.07	pCi/g	None
50-08336	AAA3118	0–0.5	Fill	Cesium-137	0.34	pCi/g	U
50-08336	AAA3118	0–0.5	Fill	Cobalt-60	0.5	pCi/g	U
50-08336	AAA3118	0–0.5	Fill	Plutonium-238	0.003	pCi/g	U
50-08336	AAA3118	0–0.5	Fill	Plutonium-239	0.04	pCi/g	U
50-08336	AAA3118	0–0.5	Fill	Strontium-90	-0.13	pCi/g	U
50-08336	AAA3118	0–0.5	Fill	Thorium-232	2.62	pCi/g	U
50-08336	AAA3118	0–0.5	Fill	Tritium	0.48	pCi/mL	None
50-08336	AAA3118	0–0.5	Fill	Uranium-234	1.43	pCi/g	None
50-08336	AAA3118	0–0.5	Fill	Uranium-235	0.11	pCi/g	U
50-08336	AAA3118	0–0.5	Fill	Uranium-238	1.39	pCi/g	NQ
50-08340	AAA3119	0–0.5	Fill	Americium-241	0.005	pCi/g	U
50-08340	AAA3119	0–0.5	Fill	Cesium-137	0.28	pCi/g	U
50-08340	AAA3119	0–0.5	Fill	Cobalt-60	0.31	pCi/g	U
50-08340	AAA3119	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U
50-08340	AAA3119	0–0.5	Fill	Plutonium-239	0.02	pCi/g	None
50-08340	AAA3119	0–0.5	Fill	Strontium-90	0.14	pCi/g	U
50-08340	AAA3119	0–0.5	Fill	Thorium-232	3.31	pCi/g	U
50-08340	AAA3119	0–0.5	Fill	Tritium	1.12	pCi/mL	None
50-08340	AAA3119	0–0.5	Fill	Uranium-234	1.25	pCi/g	None
50-08340	AAA3119	0–0.5	Fill	Uranium-235	0.05	pCi/g	U
50-08340	AAA3119	0–0.5	Fill	Uranium-238	1.3	pCi/g	NQ
50-08342	AAA3120	0–0.5	Fill	Americium-241	0.004	pCi/g	U
50-08342	AAA3120	0–0.5	Fill	Cesium-137	0.42	pCi/g	U
50-08342	AAA3120	0–0.5	Fill	Cobalt-60	0.27	pCi/g	U
50-08342	AAA3120	0–0.5	Fill	Plutonium-238	0.002	pCi/g	U
50-08342	AAA3120	0–0.5	Fill	Plutonium-239	0.013	pCi/g	None
50-08342	AAA3120	0–0.5	Fill	Strontium-90	-0.2	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08342	AAA3120	0–0.5	Fill	Thorium-232	2.29	pCi/g	U
50-08342	AAA3120	0–0.5	Fill	Tritium	0.39	pCi/mL	None
50-08342	AAA3120	0–0.5	Fill	Uranium-234	1.46	pCi/g	None
50-08342	AAA3120	0–0.5	Fill	Uranium-235	0.08	pCi/g	U
50-08342	AAA3120	0–0.5	Fill	Uranium-238	1.36	pCi/g	NQ
50-08346	AAA2775	0–0.5	ALLH	Americium-241	0.36	pCi/g	None
50-08346	AAA2775	0–0.5	ALLH	Cesium-137	0.51	pCi/g	U
50-08346	AAA2775	0–0.5	ALLH	Cobalt-60	0.44	pCi/g	U
50-08346	AAA2775	0–0.5	ALLH	Plutonium-238	0.03	pCi/g	None
50-08346	AAA2775	0–0.5	ALLH	Plutonium-239	2.08	pCi/g	None
50-08346	AAA2775	0–0.5	ALLH	Strontium-90	-0.06	pCi/g	U
50-08346	AAA2775	0–0.5	ALLH	Thorium-232	2.37	pCi/g	U
50-08346	AAA2775	0–0.5	ALLH	Uranium-234	1.21	pCi/g	None
50-08346	AAA2775	0–0.5	ALLH	Uranium-235	0.05	pCi/g	U
50-08346	AAA2775	0–0.5	ALLH	Uranium-238	1.6	pCi/g	NQ
50-08364	AAA3145	0–0.5	ALLH	Americium-241	0.01	pCi/g	None
50-08364	AAA3145	0–0.5	ALLH	Cesium-137	0.42	pCi/g	U
50-08364	AAA3145	0–0.5	ALLH	Cobalt-60	0.52	pCi/g	U
50-08364	AAA3145	0–0.5	ALLH	Plutonium-238	0.005	pCi/g	None
50-08364	AAA3145	0–0.5	ALLH	Plutonium-239	0.1	pCi/g	None
50-08364	AAA3145	0–0.5	ALLH	Strontium-90	0	pCi/g	U
50-08364	AAA3145	0–0.5	ALLH	Thorium-232	2.58	pCi/g	U
50-08364	AAA3145	0–0.5	ALLH	Uranium-234	1.65	pCi/g	None
50-08364	AAA3145	0–0.5	ALLH	Uranium-235	0.07	pCi/g	U
50-08364	AAA3145	0–0.5	ALLH	Uranium-238	1.56	pCi/g	None
50-08370	AAA3121	0–0.5	Fill	Americium-241	0.24	pCi/g	None
50-08370	AAA3121	0–0.5	Fill	Cesium-137	0.58	pCi/g	U
50-08370	AAA3121	0–0.5	Fill	Cobalt-60	0.55	pCi/g	U
50-08370	AAA3121	0–0.5	Fill	Plutonium-238	0.04	pCi/g	None
50-08370	AAA3121	0–0.5	Fill	Plutonium-239	2.68	pCi/g	None
50-08370	AAA3121	0–0.5	Fill	Strontium-90	-0.07	pCi/g	U
50-08370	AAA3121	0–0.5	Fill	Thorium-232	2.96	pCi/g	None
50-08370	AAA3121	0–0.5	Fill	Tritium	0.67	pCi/mL	None
50-08370	AAA3121	0–0.5	Fill	Uranium-234	1.49	pCi/g	None
50-08370	AAA3121	0–0.5	Fill	Uranium-235	0.04	pCi/g	U
50-08370	AAA3121	0–0.5	Fill	Uranium-238	1.4	pCi/g	NQ
50-08374	AAA3122	0–0.5	Fill	Americium-241	0.009	pCi/g	U
50-08374	AAA3122	0–0.5	Fill	Cesium-137	0.3	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08374	AAA3122	0–0.5	Fill	Cobalt-60	0.45	pCi/g	U
50-08374	AAA3122	0–0.5	Fill	Plutonium-238	0.005	pCi/g	U
50-08374	AAA3122	0–0.5	Fill	Plutonium-239	0.09	pCi/g	None
50-08374	AAA3122	0–0.5	Fill	Strontium-90	-0.27	pCi/g	U
50-08374	AAA3122	0–0.5	Fill	Thorium-232	3.59	pCi/g	U
50-08374	AAA3122	0–0.5	Fill	Tritium	0.34	pCi/mL	None
50-08374	AAA3122	0–0.5	Fill	Uranium-234	1.56	pCi/g	None
50-08374	AAA3122	0–0.5	Fill	Uranium-235	0.1	pCi/g	U
50-08374	AAA3122	0–0.5	Fill	Uranium-238	1.58	pCi/g	NQ
50-08386	AAA3123	0–0.5	Fill	Americium-241	0.01	pCi/g	None
50-08386	AAA3123	0–0.5	Fill	Cesium-137	0.43	pCi/g	U
50-08386	AAA3123	0–0.5	Fill	Cobalt-60	0.44	pCi/g	U
50-08386	AAA3123	0–0.5	Fill	Plutonium-238	0.003	pCi/g	U
50-08386	AAA3123	0–0.5	Fill	Plutonium-239	0.03	pCi/g	None
50-08386	AAA3123	0–0.5	Fill	Strontium-90	0.2	pCi/g	U
50-08386	AAA3123	0–0.5	Fill	Thorium-232	3.05	pCi/g	U
50-08386	AAA3123	0–0.5	Fill	Tritium	0.39	pCi/mL	None
50-08386	AAA3123	0–0.5	Fill	Uranium-234	1.37	pCi/g	None
50-08386	AAA3123	0–0.5	Fill	Uranium-235	0.17	pCi/g	U
50-08386	AAA3123	0–0.5	Fill	Uranium-238	1.4	pCi/g	NQ
50-08396	AAA2776	0–0.5	ALLH	Americium-241	0.36	pCi/g	None
50-08396	AAA2776	0–0.5	ALLH	Cesium-137	0.42	pCi/g	U
50-08396	AAA2776	0–0.5	ALLH	Cobalt-60	0.35	pCi/g	U
50-08396	AAA2776	0–0.5	ALLH	Plutonium-238	0.03	pCi/g	None
50-08396	AAA2776	0–0.5	ALLH	Plutonium-239	2.5	pCi/g	None
50-08396	AAA2776	0–0.5	ALLH	Strontium-90	-0.26	pCi/g	U
50-08396	AAA2776	0–0.5	ALLH	Thorium-232	2.68	pCi/g	U
50-08396	AAA2776	0–0.5	ALLH	Uranium-234	1.49	pCi/g	None
50-08396	AAA2776	0–0.5	ALLH	Uranium-235	0.13	pCi/g	U
50-08396	AAA2776	0–0.5	ALLH	Uranium-238	1.54	pCi/g	NQ
50-08418	AAA3146	0–0.5	ALLH	Americium-241	0.005	pCi/g	U
50-08418	AAA3146	0–0.5	ALLH	Cesium-137	0.24	pCi/g	U
50-08418	AAA3146	0–0.5	ALLH	Cobalt-60	0.17	pCi/g	U
50-08418	AAA3146	0–0.5	ALLH	Plutonium-238	0.004	pCi/g	U
50-08418	AAA3146	0–0.5	ALLH	Plutonium-239	0.01	pCi/g	None
50-08418	AAA3146	0–0.5	ALLH	Strontium-90	-0.07	pCi/g	U
50-08418	AAA3146	0–0.5	ALLH	Thorium-232	2.49	pCi/g	U
50-08418	AAA3146	0–0.5	ALLH	Uranium-234	1.07	pCi/g	None

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08418	AAA3146	0–0.5	ALLH	Uranium-235	0.05	pCi/g	U
50-08418	AAA3146	0–0.5	ALLH	Uranium-238	1.07	pCi/g	None
50-08428	AAA3124	0–0.5	Fill	Americium-241	0.006	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Cesium-137	0.65	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Cobalt-60	0.13	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Plutonium-238	0.002	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Plutonium-239	0.006	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Strontium-90	-0.1	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Thorium-232	2.51	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Tritium	0.24	pCi/mL	U
50-08428	AAA3124	0–0.5	Fill	Uranium-234	1.28	pCi/g	None
50-08428	AAA3124	0–0.5	Fill	Uranium-235	0.05	pCi/g	U
50-08428	AAA3124	0–0.5	Fill	Uranium-238	1.33	pCi/g	NQ
50-08432	AAA3125	0–0.5	Fill	Americium-241	0.006	pCi/g	U
50-08432	AAA3125	0–0.5	Fill	Cesium-137	0.75	pCi/g	U
50-08432	AAA3125	0–0.5	Fill	Cobalt-60	0.52	pCi/g	U
50-08432	AAA3125	0–0.5	Fill	Plutonium-238	0.002	pCi/g	U
50-08432	AAA3125	0–0.5	Fill	Plutonium-239	0.01	pCi/g	None
50-08432	AAA3125	0–0.5	Fill	Strontium-90	-0.4	pCi/g	U
50-08432	AAA3125	0–0.5	Fill	Thorium-232	2.38	pCi/g	U
50-08432	AAA3125	0–0.5	Fill	Tritium	0.29	pCi/mL	None
50-08432	AAA3125	0–0.5	Fill	Uranium-234	1.24	pCi/g	None
50-08432	AAA3125	0–0.5	Fill	Uranium-235	0.02	pCi/g	U
50-08432	AAA3125	0–0.5	Fill	Uranium-238	1.36	pCi/g	NQ
50-08436	AAA3147	0–0.5	Fill	Americium-241	0.005	pCi/g	U
50-08436	AAA3147	0–0.5	Fill	Cesium-137	0.55	pCi/g	U
50-08436	AAA3147	0–0.5	Fill	Cobalt-60	0.52	pCi/g	U
50-08436	AAA3147	0–0.5	Fill	Plutonium-238	0.003	pCi/g	U
50-08436	AAA3147	0–0.5	Fill	Plutonium-239	0.04	pCi/g	None
50-08436	AAA3147	0–0.5	Fill	Strontium-90	0	pCi/g	U
50-08436	AAA3147	0–0.5	Fill	Thorium-232	3.56	pCi/g	None
50-08436	AAA3147	0–0.5	Fill	Uranium-234	1.21	pCi/g	None
50-08436	AAA3147	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08436	AAA3147	0–0.5	Fill	Uranium-238	1.36	pCi/g	None
50-08438	AAA3148	0–0.5	Fill	Americium-241	0.02	pCi/g	None
50-08438	AAA3148	0–0.5	Fill	Cesium-137	0.57	pCi/g	U
50-08438	AAA3148	0–0.5	Fill	Cobalt-60	0.28	pCi/g	U
50-08438	AAA3148	0–0.5	Fill	Plutonium-238	0.004	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08438	AAA3148	0–0.5	Fill	Plutonium-239	0.16	pCi/g	None
50-08438	AAA3148	0–0.5	Fill	Strontium-90	0.28	pCi/g	U
50-08438	AAA3148	0–0.5	Fill	Thorium-232	2.48	pCi/g	U
50-08438	AAA3148	0–0.5	Fill	Uranium-234	1.22	pCi/g	None
50-08438	AAA3148	0–0.5	Fill	Uranium-235	0.06	pCi/g	U
50-08438	AAA3148	0–0.5	Fill	Uranium-238	1.4	pCi/g	None
50-08440	AAA3149	0–0.5	Fill	Americium-241	0.04	pCi/g	None
50-08440	AAA3149	0–0.5	Fill	Cesium-137	0.34	pCi/g	U
50-08440	AAA3149	0–0.5	Fill	Cobalt-60	0.34	pCi/g	U
50-08440	AAA3149	0–0.5	Fill	Plutonium-238	0.01	pCi/g	None
50-08440	AAA3149	0–0.5	Fill	Plutonium-239	0.34	pCi/g	None
50-08440	AAA3149	0–0.5	Fill	Strontium-90	0.28	pCi/g	U
50-08440	AAA3149	0–0.5	Fill	Thorium-232	2.78	pCi/g	U
50-08440	AAA3149	0–0.5	Fill	Uranium-234	1.83	pCi/g	None
50-08440	AAA3149	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08440	AAA3149	0–0.5	Fill	Uranium-238	1.81	pCi/g	None
50-08446	AAA2777	0–0.5	ALLH	Americium-241	0.19	pCi/g	None
50-08446	AAA2777	0–0.5	ALLH	Cesium-137	0.49	pCi/g	U
50-08446	AAA2777	0–0.5	ALLH	Cobalt-60	0.54	pCi/g	U
50-08446	AAA2777	0–0.5	ALLH	Plutonium-238	0.03	pCi/g	None
50-08446	AAA2777	0–0.5	ALLH	Plutonium-239	2.13	pCi/g	None
50-08446	AAA2777	0–0.5	ALLH	Strontium-90	-0.42	pCi/g	U
50-08446	AAA2777	0–0.5	ALLH	Thorium-232	2.75	pCi/g	None
50-08446	AAA2777	0–0.5	ALLH	Uranium-234	1.26	pCi/g	None
50-08446	AAA2777	0–0.5	ALLH	Uranium-235	0.08	pCi/g	U
50-08446	AAA2777	0–0.5	ALLH	Uranium-238	1.77	pCi/g	NQ
50-08474	AAA2778	0–0.5	ALLH	Americium-241	0.01	pCi/g	None
50-08474	AAA2778	0–0.5	ALLH	Cesium-137	0.25	pCi/g	U
50-08474	AAA2778	0–0.5	ALLH	Cobalt-60	0.26	pCi/g	U
50-08474	AAA2778	0–0.5	ALLH	Plutonium-238	0.004	pCi/g	U
50-08474	AAA2778	0–0.5	ALLH	Plutonium-239	0.56	pCi/g	None
50-08474	AAA2778	0–0.5	ALLH	Strontium-90	-0.38	pCi/g	U
50-08474	AAA2778	0–0.5	ALLH	Thorium-232	2.84	pCi/g	U
50-08474	AAA2778	0–0.5	ALLH	Uranium-234	1.08	pCi/g	None
50-08474	AAA2778	0–0.5	ALLH	Uranium-235	0.06	pCi/g	U
50-08474	AAA2778	0–0.5	ALLH	Uranium-238	1.07	pCi/g	NQ
50-08486	AAA3151	0–0.5	Fill	Americium-241	0.005	pCi/g	None
50-08486	AAA3151	0–0.5	Fill	Cesium-137	0.55	pCi/g	U

Table E-6 (continued)

Location ID	Sample ID	Depth (ft)	Media	Analyte	Result	Units	LANL Qualifier
50-08486	AAA3151	0–0.5	Fill	Cobalt-60	0.49	pCi/g	U
50-08486	AAA3151	0–0.5	Fill	Plutonium-238	0.003	pCi/g	U
50-08486	AAA3151	0–0.5	Fill	Plutonium-239	0.01	pCi/g	None
50-08486	AAA3151	0–0.5	Fill	Strontium-90	-0.05	pCi/g	U
50-08486	AAA3151	0–0.5	Fill	Thorium-232	2.72	pCi/g	U
50-08486	AAA3151	0–0.5	Fill	Uranium-234	1.13	pCi/g	None
50-08486	AAA3151	0–0.5	Fill	Uranium-235	0.07	pCi/g	U
50-08486	AAA3151	0–0.5	Fill	Uranium-238	1.08	pCi/g	None
50-08492	AAA3152	0–0.5	Fill	Americium-241	0.006	pCi/g	U
50-08492	AAA3152	0–0.5	Fill	Cesium-137	0.91	pCi/g	U
50-08492	AAA3152	0–0.5	Fill	Cobalt-60	0.42	pCi/g	U
50-08492	AAA3152	0–0.5	Fill	Plutonium-238	0.002	pCi/g	U
50-08492	AAA3152	0–0.5	Fill	Plutonium-239	0.04	pCi/g	None
50-08492	AAA3152	0–0.5	Fill	Strontium-90	0.27	pCi/g	U
50-08492	AAA3152	0–0.5	Fill	Thorium-232	2.5	pCi/g	U
50-08492	AAA3152	0–0.5	Fill	Uranium-234	1.21	pCi/g	None
50-08492	AAA3152	0–0.5	Fill	Uranium-235	0.09	pCi/g	U
50-08492	AAA3152	0–0.5	Fill	Uranium-238	1.23	pCi/g	None
50-08494	AAA2779	0–0.5	ALLH	Americium-241	0.45	pCi/g	None
50-08494	AAA2779	0–0.5	ALLH	Cesium-137	0.44	pCi/g	U
50-08494	AAA2779	0–0.5	ALLH	Cobalt-60	0.34	pCi/g	U
50-08494	AAA2779	0–0.5	ALLH	Plutonium-238	0.07	pCi/g	None
50-08494	AAA2779	0–0.5	ALLH	Plutonium-239	8.69	pCi/g	None
50-08494	AAA2779	0–0.5	ALLH	Strontium-90	-0.42	pCi/g	U
50-08494	AAA2779	0–0.5	ALLH	Thorium-232	2.45	pCi/g	U
50-08494	AAA2779	0–0.5	ALLH	Uranium-234	1.37	pCi/g	None
50-08494	AAA2779	0–0.5	ALLH	Uranium-235	0.09	pCi/g	U
50-08494	AAA2779	0–0.5	ALLH	Uranium-238	1.53	pCi/g	NQ

Table E-7
MDA C Pore Gas Data for Organic Chemicals

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0001	20	Gas	Acetone	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Benzene	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Bromodichloromethane	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Bromoform	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Bromomethane	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Butadiene[1,3-]	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Butanol[1-]	68	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Butanone[2-]	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Carbon Disulfide	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Carbon Tetrachloride	23	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Chlorobenzene	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Chlorodibromomethane	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Chlorodifluoromethane	49	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Chloroethane	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Chloroform	130	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Chloromethane	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Cyclohexane	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichlorobenzene[1,2-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichlorobenzene[1,3-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichlorobenzene[1,4-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloroethane[1,1-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloroethane[1,2-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloroethene[1,1-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloroethene[cis-1,2-]	18	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloroethene[trans-1,2-]	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloropropane[1,2-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloropropene[cis-1,3-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dichloropropene[trans-1,3-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Dioxane[1,4-]	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Ethanol	27	UJ	03/26/01
50-09100	MD50-01-0001	20	Gas	Ethylbenzene	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Hexachlorobutadiene	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Hexane	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Hexanone[2-]	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Methanol	680	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Methyl tert-Butyl Ether	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Methyl-2-pentanone[4-]	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Methylene Chloride	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	n-Heptane	27	U	03/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0001	20	Gas	Propanol[2-]	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Propylene	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Styrene	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Tetrachloroethane[1,1,2,2-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Tetrachloroethene	70	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Tetrahydrofuran	27	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Toluene	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	260	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Trichlorobenzene[1,2,4-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Trichloroethane[1,1,1-]	52	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Trichloroethane[1,1,2-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Trichloroethene	1600	None	03/26/01
50-09100	MD50-01-0001	20	Gas	Trimethylbenzene[1,2,4-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Trimethylbenzene[1,3,5-]	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Vinyl acetate	27	UJ	03/26/01
50-09100	MD50-01-0001	20	Gas	Vinyl Chloride	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Xylene (Total)	6.8	U	03/26/01
50-09100	MD50-01-0001	20	Gas	Xylene[1,2-]	6.8	U	03/26/01
50-09100	MD50-01-0022	20	Gas	Acetone	18	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Benzene	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Bromodichloromethane	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Bromoform	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Bromomethane	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Butadiene[1,3-]	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Butanol[1-]	37	UJ	08/08/01
50-09100	MD50-01-0022	20	Gas	Butanone[2-]	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Carbon Disulfide	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Carbon Tetrachloride	18	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Chlorobenzene	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Chlorodibromomethane	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Chlorodifluoromethane	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Chloroethane	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Chloroform	170	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Chloromethane	3.7	UJ	08/08/01
50-09100	MD50-01-0022	20	Gas	Cyclohexane	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichlorobenzene[1,2-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichlorobenzene[1,3-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichlorobenzene[1,4-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichloroethane[1,1-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichloroethane[1,2-]	8.5	None	08/08/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0022	20	Gas	Dichloroethene[1,1-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichloroethene[cis-1,2-]	6.3	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichloroethene[trans-1,2-]	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichloropropane[1,2-]	29	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichloropropene[cis-1,3-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dichloropropene[trans-1,3-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Dioxane[1,4-]	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Ethanol	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Ethylbenzene	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Hexachlorobutadiene	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Hexane	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Hexanone[2-]	15	UJ	08/08/01
50-09100	MD50-01-0022	20	Gas	Methanol	370	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Methyl tert-Butyl Ether	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Methyl-2-pentanone[4-]	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Methylene Chloride	11	None	08/08/01
50-09100	MD50-01-0022	20	Gas	n-Heptane	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Propanol[2-]	16	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Propylene	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Styrene	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Tetrachloroethane[1,1,2,2-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Tetrachloroethene	1200	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Tetrahydrofuran	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Toluene	24	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	26	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Trichlorobenzene[1,2,4-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Trichloroethane[1,1,1-]	22	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Trichloroethane[1,1,2-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Trichloroethene	1400	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Trimethylbenzene[1,2,4-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Trimethylbenzene[1,3,5-]	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Vinyl acetate	15	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Vinyl Chloride	3.7	U	08/08/01
50-09100	MD50-01-0022	20	Gas	Xylene (Total)	8.9	None	08/08/01
50-09100	MD50-01-0022	20	Gas	Xylene[1,2-]	3.8	None	08/08/01
50-09100	MD50-01-0027	20	Gas	Acetone	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Benzene	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Benzyl Chloride	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Bromodichloromethane	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Bromoform	19	U	11/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0027	20	Gas	Bromomethane	4.7	UJ	11/26/01
50-09100	MD50-01-0027	20	Gas	Butadiene[1,3-]	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Butanol[1-]	47	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Butanone[2-]	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Carbon Disulfide	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Carbon Tetrachloride	22	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Chlorobenzene	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Chlorodibromomethane	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Chlorodifluoromethane		U	11/26/01
50-09100	MD50-01-0027	20	Gas	Chloroethane	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Chloroform	110	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Chloromethane	4.7	UJ	11/26/01
50-09100	MD50-01-0027	20	Gas	Cyclohexane	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dibromoethane[1,2-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichlorobenzene[1,2-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichlorobenzene[1,3-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichlorobenzene[1,4-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichlorodifluoromethane	86	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloroethane[1,1-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloroethane[1,2-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloroethene[1,1-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloroethene[cis-1,2-]	14	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloroethene[trans-1,2-]	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloropropane[1,2-]	6.4	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloropropene[cis-1,3-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dichloropropene[trans-1,3-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Dioxane[1,4-]	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Ethanol	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Ethylbenzene	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Ethyltoluene[4-]	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Hexachlorobutadiene	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Hexane	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Hexanone[2-]	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Methanol	470	UJ	11/26/01
50-09100	MD50-01-0027	20	Gas	Methyl tert-Butyl Ether	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Methyl-2-pentanone[4-]	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Methylene Chloride	69	None	11/26/01
50-09100	MD50-01-0027	20	Gas	n-Heptane	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Propanol[2-]	19	U	11/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0027	20	Gas	Propylene	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Styrene	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Tetrachloroethane[1,1,2,2-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Tetrachloroethene	51	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Tetrahydrofuran	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Toluene	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	230	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Trichlorobenzene[1,2,4-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Trichloroethane[1,1,1-]	54	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Trichloroethane[1,1,2-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Trichloroethene	1100	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Trichlorofluoromethane	6	None	11/26/01
50-09100	MD50-01-0027	20	Gas	Trimethylbenzene[1,2,4-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Trimethylbenzene[1,3,5-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Vinyl acetate	19	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Vinyl Chloride	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Xylene[1,2-]	4.7	U	11/26/01
50-09100	MD50-01-0027	20	Gas	Xylene[1,3-]+Xylene[1,4-]	4.7	U	11/26/01
50-09100	MD50-03-49738	20	Gas	Acetone	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Benzene	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Benzyl Chloride	2.2	UJ	01/09/03
50-09100	MD50-03-49738	20	Gas	Bromodichloromethane	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Bromoform	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Bromomethane	2.2	UJ	01/09/03
50-09100	MD50-03-49738	20	Gas	Butadiene[1,3-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Butanol[1-]	22	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Butanone[2-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Carbon Disulfide	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Carbon Tetrachloride	18	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Chlorobenzene	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Chlorodibromomethane	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Chloroethane	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Chloroform	77	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Chloromethane	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Cyclohexane	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dibromoethane[1,2-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichlorobenzene[1,2-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichlorobenzene[1,3-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichlorobenzene[1,4-]	2.2	UJ	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49738	20	Gas	Dichlorodifluoromethane	62	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloroethane[1,1-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloroethane[1,2-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloroethene[1,1-]	2.6	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloroethene[cis-1,2-]	9.3	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloroethene[trans-1,2-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloropropane[1,2-]	2.8	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloropropene[cis-1,3-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dichloropropene[trans-1,3-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Dioxane[1,4-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Ethanol	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Ethylbenzene	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Ethyltoluene[4-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Hexachlorobutadiene	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Hexane	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Hexanone[2-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Methanol	220	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Methyl tert-Butyl Ether	9	UJ	01/09/03
50-09100	MD50-03-49738	20	Gas	Methyl-2-pentanone[4-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Methylene Chloride	2.9	None	01/09/03
50-09100	MD50-03-49738	20	Gas	n-Heptane	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Propanol[2-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Propylene	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Styrene	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Tetrachloroethane[1,1,2,2-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Tetrachloroethene	33	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Tetrahydrofuran	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Toluene	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	130	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Trichlorobenzene[1,2,4-]	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Trichloroethane[1,1,1-]	32	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Trichloroethane[1,1,2-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Trichloroethene	760	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Trichlorofluoromethane	3.7	None	01/09/03
50-09100	MD50-03-49738	20	Gas	Trimethylbenzene[1,2,4-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Trimethylbenzene[1,3,5-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Vinyl acetate	9	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Vinyl Chloride	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Xylene[1,2-]	2.2	U	01/09/03
50-09100	MD50-03-49738	20	Gas	Xylene[1,3-]+Xylene[1,4-]	2.2	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0028	40	Gas	Acetone	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Benzene	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Benzyl Chloride	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Bromodichloromethane	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Bromoform	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Bromomethane	21	UJ	11/26/01
50-09100	MD50-01-0028	40	Gas	Butadiene[1,3-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Butanol[1-]	210	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Butanone[2-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Carbon Disulfide	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Carbon Tetrachloride	67	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Chlorobenzene	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Chlorodibromomethane	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Chlorodifluoromethane		U	11/26/01
50-09100	MD50-01-0028	40	Gas	Chloroethane	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Chloroform	360	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Chloromethane	21	UJ	11/26/01
50-09100	MD50-01-0028	40	Gas	Cyclohexane	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dibromoethane[1,2-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichlorobenzene[1,2-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichlorobenzene[1,3-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichlorobenzene[1,4-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichlorodifluoromethane	150	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloroethane[1,1-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloroethane[1,2-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloroethene[1,1-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloroethene[cis-1,2-]	63	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloroethene[trans-1,2-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloropropane[1,2-]	28	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloropropene[cis-1,3-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dichloropropene[trans-1,3-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Dioxane[1,4-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Ethanol	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Ethylbenzene	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Ethyltoluene[4-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Hexachlorobutadiene	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Hexane	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Hexanone[2-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Methanol	2100	U	11/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0028	40	Gas	Methyl tert-Butyl Ether	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Methyl-2-pentanone[4-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Methylene Chloride	30	None	11/26/01
50-09100	MD50-01-0028	40	Gas	n-Heptane	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Propanol[2-]	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Propylene	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Styrene	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Tetrachloroethane[1,1,2,2-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Tetrachloroethene	180	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Tetrahydrofuran	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Toluene	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	410	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Trichlorobenzene[1,2,4-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Trichloroethane[1,1,1-]	110	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Trichloroethane[1,1,2-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Trichloroethene	4400	None	11/26/01
50-09100	MD50-01-0028	40	Gas	Trichlorofluoromethane	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Trimethylbenzene[1,2,4-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Trimethylbenzene[1,3,5-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Vinyl acetate	84	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Vinyl Chloride	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Xylene[1,2-]	21	U	11/26/01
50-09100	MD50-01-0028	40	Gas	Xylene[1,3-]+Xylene[1,4-]	21	U	11/26/01
50-09100	MD50-01-0023	50	Gas	Acetone	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Benzene	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Bromodichloromethane	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Bromoform	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Bromomethane	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Butadiene[1,3-]	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Butanol[1-]	180	UJ	08/08/01
50-09100	MD50-01-0023	50	Gas	Butanone[2-]	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Carbon Disulfide	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Carbon Tetrachloride	52	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Chlorobenzene	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Chlorodibromomethane	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Chlorodifluoromethane	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Chloroethane	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Chloroform	270	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Chloromethane	18	UJ	08/08/01
50-09100	MD50-01-0023	50	Gas	Cyclohexane	72	U	08/08/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0023	50	Gas	Dichlorobenzene[1,2-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichlorobenzene[1,3-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichlorobenzene[1,4-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloroethane[1,1-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloroethane[1,2-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloroethene[1,1-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloroethene[cis-1,2-]	52	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloroethene[trans-1,2-]	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloropropane[1,2-]	21	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloropropene[cis-1,3-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dichloropropene[trans-1,3-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Dioxane[1,4-]	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Ethanol	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Ethylbenzene	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Hexachlorobutadiene	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Hexane	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Hexanone[2-]	72	UJ	08/08/01
50-09100	MD50-01-0023	50	Gas	Methanol	1800	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Methyl tert-Butyl Ether	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Methyl-2-pentanone[4-]	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Methylene Chloride	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	n-Heptane	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Propanol[2-]	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Propylene	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Styrene	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Tetrachloroethane[1,1,2,2-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Tetrachloroethene	130	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Tetrahydrofuran	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Toluene	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	350	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Trichlorobenzene[1,2,4-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Trichloroethane[1,1,1-]	86	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Trichloroethane[1,1,2-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Trichloroethene	4000	None	08/08/01
50-09100	MD50-01-0023	50	Gas	Trimethylbenzene[1,2,4-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Trimethylbenzene[1,3,5-]	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Vinyl acetate	72	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Vinyl Chloride	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Xylene (Total)	18	U	08/08/01
50-09100	MD50-01-0023	50	Gas	Xylene[1,2-]	18	U	08/08/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49739	50	Gas	Acetone	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Benzene	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Benzyl Chloride	8.4	UJ	01/09/03
50-09100	MD50-03-49739	50	Gas	Bromodichloromethane	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Bromoform	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Bromomethane	8.4	UJ	01/09/03
50-09100	MD50-03-49739	50	Gas	Butadiene[1,3-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Butanol[1-]	84	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Butanone[2-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Carbon Disulfide	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Carbon Tetrachloride	49	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Chlorobenzene	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Chlorodibromomethane	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Chloroethane	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Chloroform	220	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Chloromethane	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Cyclohexane	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dibromoethane[1,2-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichlorobenzene[1,2-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichlorobenzene[1,3-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichlorobenzene[1,4-]	8.4	UJ	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichlorodifluoromethane	100	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloroethane[1,1-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloroethane[1,2-]	8.3	J	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloroethene[1,1-]	9.7	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloroethene[cis-1,2-]	40	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloroethene[trans-1,2-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloropropane[1,2-]	12	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloropropene[cis-1,3-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dichloropropene[trans-1,3-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Dioxane[1,4-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Ethanol	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Ethylbenzene	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Ethyltoluene[4-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Hexachlorobutadiene	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Hexane	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Hexanone[2-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Methanol	840	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Methyl tert-Butyl Ether	34	UJ	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49739	50	Gas	Methyl-2-pentanone[4-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Methylene Chloride	11	None	01/09/03
50-09100	MD50-03-49739	50	Gas	n-Heptane	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Propanol[2-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Propylene	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Styrene	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Tetrachloroethane[1,1,2,2-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Tetrachloroethene	100	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Tetrahydrofuran	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Toluene	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	200	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Trichlorobenzene[1,2,4-]	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Trichloroethane[1,1,1-]	62	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Trichloroethane[1,1,2-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Trichloroethene	2700	None	01/09/03
50-09100	MD50-03-49739	50	Gas	Trichlorofluoromethane	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Trimethylbenzene[1,2,4-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Trimethylbenzene[1,3,5-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Vinyl acetate	34	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Vinyl Chloride	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Xylene[1,2-]	8.4	U	01/09/03
50-09100	MD50-03-49739	50	Gas	Xylene[1,3-]+Xylene[1,4-]	8.4	U	01/09/03
50-09100	MD50-00-0099	90	Gas	Acetone	4200	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Acetonitrile	840	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Acrolein	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Acrylonitrile	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Benzene	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Benzyl Chloride	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Bromodichloromethane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Bromoform	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Bromomethane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Butadiene[1,3-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Butane[n-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Butanol[1-]	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Butanone[2-]	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Carbon Disulfide	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Carbon Tetrachloride	140	J	08/02/00
50-09100	MD50-00-0099	90	Gas	Chloro-1-propene[3-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Chlorobenzene	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Chlorodibromomethane	170	U	08/02/00

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-00-0099	90	Gas	Chlorodifluoromethane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Chloroethane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Chloroform	590	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Chloromethane	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Cyclohexane	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Decane[n-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dibromoethane[1,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dibromomethane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichlorobenzene[1,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichlorobenzene[1,3-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichlorobenzene[1,4-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichlorodifluoromethane	230	J	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloroethane[1,1-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloroethane[1,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloroethene[1,1-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloroethene[cis-1,2-]	110	J	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloroethene[trans-1,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloropropane[1,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloropropene[cis-1,3-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dichloropropene[trans-1,3-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Diethyl Ether	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Dodecane[n-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Ethylbenzene	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Hexachlorobutadiene	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Hexane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Hexanone[2-]	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Isopropylbenzene	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Methanol	8400	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Methyl tert-Butyl Ether	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Methyl-2-pentanone[4-]	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Methylene Chloride	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Methylstyrene[alpha-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Naphthalene	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	n-Heptane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Nonane[1-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Octane[n-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Pentane	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Propylbenzene[1-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Styrene	170	U	08/02/00

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-00-0099	90	Gas	Tetrachloroethane[1,1,2,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Tetrachloroethene	240	J	08/02/00
50-09100	MD50-00-0099	90	Gas	Toluene	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	520	J	08/02/00
50-09100	MD50-00-0099	90	Gas	Trichlorobenzene[1,2,4-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Trichloroethane[1,1,1-]	140	J	08/02/00
50-09100	MD50-00-0099	90	Gas	Trichloroethane[1,1,2-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Trichloroethene	9400		08/02/00
50-09100	MD50-00-0099	90	Gas	Trichlorofluoromethane	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Trimethylbenzene[1,2,4-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Trimethylbenzene[1,3,5-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Undecane[n-]	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Vinyl acetate	420	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Vinyl Chloride	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Xylene (Total)	170	U	08/02/00
50-09100	MD50-00-0099	90	Gas	Xylene[1,2-]	170	U	08/02/00
50-09100	MD50-00-0124	90	Gas	Acetone	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Benzene	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Bromodichloromethane	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Bromoform	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Bromomethane	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Butadiene[1,3-]	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Butanol[1-]	280	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Butanone[2-]	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Carbon Disulfide	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Carbon Tetrachloride	80	None	12/18/00
50-09100	MD50-00-0124	90	Gas	Chlorobenzene	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Chlorodibromomethane	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Chlorodifluoromethane	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Chloroethane	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Chloroform	370	None	12/18/00
50-09100	MD50-00-0124	90	Gas	Chloromethane	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Cyclohexane	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichlorobenzene[1,2-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichlorobenzene[1,3-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichlorobenzene[1,4-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichloroethane[1,1-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichloroethane[1,2-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichloroethene[1,1-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichloroethene[cis-1,2-]	72	None	12/18/00

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-00-0124	90	Gas	Dichloroethene[trans-1,2-]	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichloropropane[1,2-]	31	None	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichloropropene[cis-1,3-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dichloropropene[trans-1,3-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Dioxane[1,4-]	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Ethanol	110	UJ	12/18/00
50-09100	MD50-00-0124	90	Gas	Ethylbenzene	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Hexachlorobutadiene	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Hexane	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Hexanone[2-]	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Methanol	2800	UJ	12/18/00
50-09100	MD50-00-0124	90	Gas	Methyl tert-Butyl Ether	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Methyl-2-pentanone[4-]	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Methylene Chloride	54	None	12/18/00
50-09100	MD50-00-0124	90	Gas	n-Heptane	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Propanol[2-]	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Propylene	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Styrene	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Tetrachloroethane[1,1,2,2-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Tetrachloroethene	240	None	12/18/00
50-09100	MD50-00-0124	90	Gas	Tetrahydrofuran	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Toluene	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	350	None	12/18/00
50-09100	MD50-00-0124	90	Gas	Trichlorobenzene[1,2,4-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Trichloroethane[1,1,1-]	110	None	12/18/00
50-09100	MD50-00-0124	90	Gas	Trichloroethane[1,1,2-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Trichloroethene	6100	None	12/18/00
50-09100	MD50-00-0124	90	Gas	Trimethylbenzene[1,2,4-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Trimethylbenzene[1,3,5-]	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Vinyl acetate	110	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Vinyl Chloride	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Xylene (Total)	28	U	12/18/00
50-09100	MD50-00-0124	90	Gas	Xylene[1,2-]	28	U	12/18/00
50-09100	MD50-03-49740	90	Gas	Acetone	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Benzene	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Benzyl Chloride	17	UJ	01/09/03
50-09100	MD50-03-49740	90	Gas	Bromodichloromethane	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Bromoform	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Bromomethane	17	UJ	01/09/03
50-09100	MD50-03-49740	90	Gas	Butadiene[1,3-]	67	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49740	90	Gas	Butanol[1-]	170	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Butanone[2-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Carbon Disulfide	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Carbon Tetrachloride	60	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Chlorobenzene	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Chlorodibromomethane	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Chloroethane	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Chloroform	230	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Chloromethane	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Cyclohexane	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dibromoethane[1,2-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichlorobenzene[1,2-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichlorobenzene[1,3-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichlorobenzene[1,4-]	17	UJ	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichlorodifluoromethane	110	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloroethane[1,1-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloroethane[1,2-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloroethene[1,1-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloroethene[cis-1,2-]	52	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloroethene[trans-1,2-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloropropane[1,2-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloropropene[cis-1,3-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dichloropropene[trans-1,3-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Dioxane[1,4-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Ethanol	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Ethylbenzene	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Ethyltoluene[4-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Hexachlorobutadiene	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Hexane	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Hexanone[2-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Methanol	1700	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Methyl tert-Butyl Ether	67	UJ	01/09/03
50-09100	MD50-03-49740	90	Gas	Methyl-2-pentanone[4-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Methylene Chloride	28	None	01/09/03
50-09100	MD50-03-49740	90	Gas	n-Heptane	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Propanol[2-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Propylene	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Styrene	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Tetrachloroethane[1,1,2,2-]	17	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49740	90	Gas	Tetrachloroethene	130	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Tetrahydrofuran	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Toluene	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	200	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Trichlorobenzene[1,2,4-]	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Trichloroethane[1,1,1-]	60	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Trichloroethane[1,1,2-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Trichloroethene	3300	None	01/09/03
50-09100	MD50-03-49740	90	Gas	Trichlorofluoromethane	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Trimethylbenzene[1,2,4-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Trimethylbenzene[1,3,5-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Vinyl acetate	67	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Vinyl Chloride	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Xylene[1,2-]	17	U	01/09/03
50-09100	MD50-03-49740	90	Gas	Xylene[1,3-]+Xylene[1,4-]	17	U	01/09/03
50-09100	MD50-01-0021	103	Gas	Acetone	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Benzene	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Bromodichloromethane	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Bromoform	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Bromomethane	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Butadiene[1,3-]	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Butanol[1-]	270	UJ	08/08/01
50-09100	MD50-01-0021	103	Gas	Butanone[2-]	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Carbon Disulfide	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Carbon Tetrachloride	89	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Chlorobenzene	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Chlorodibromomethane	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Chlorodifluoromethane	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Chloroethane	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Chloroform	380	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Chloromethane	27	UJ	08/08/01
50-09100	MD50-01-0021	103	Gas	Cyclohexane	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichlorobenzene[1,2-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichlorobenzene[1,3-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichlorobenzene[1,4-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichloroethane[1,1-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichloroethane[1,2-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichloroethene[1,1-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichloroethene[cis-1,2-]	84	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichloroethene[trans-1,2-]	110	U	08/08/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0021	103	Gas	Dichloropropane[1,2-]	32	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichloropropene[cis-1,3-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dichloropropene[trans-1,3-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Dioxane[1,4-]	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Ethanol	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Ethylbenzene	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Hexachlorobutadiene	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Hexane	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Hexanone[2-]	110	UJ	08/08/01
50-09100	MD50-01-0021	103	Gas	Methanol	2700	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Methyl tert-Butyl Ether	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Methyl-2-pentanone[4-]	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Methylene Chloride	57	None	08/08/01
50-09100	MD50-01-0021	103	Gas	n-Heptane	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Propanol[2-]	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Propylene	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Styrene	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Tetrachloroethane[1,1,2,2-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Tetrachloroethene	230	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Tetrahydrofuran	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Toluene	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	350	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Trichlorobenzene[1,2,4-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Trichloroethane[1,1,1-]	98	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Trichloroethane[1,1,2-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Trichloroethene	5600	None	08/08/01
50-09100	MD50-01-0021	103	Gas	Trimethylbenzene[1,2,4-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Trimethylbenzene[1,3,5-]	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Vinyl acetate	110	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Vinyl Chloride	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Xylene (Total)	27	U	08/08/01
50-09100	MD50-01-0021	103	Gas	Xylene[1,2-]	27	U	08/08/01
50-09100	MD50-03-49741	103	Gas	Acetone	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Benzene	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Benzyl Chloride	18	UJ	01/09/03
50-09100	MD50-03-49741	103	Gas	Bromodichloromethane	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Bromoform	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Bromomethane	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Butadiene[1,3-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Butanol[1-]	180	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49741	103	Gas	Butanone[2-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Carbon Disulfide	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Carbon Tetrachloride	66	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Chlorobenzene	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Chlorodibromomethane	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Chloroethane	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Chloroform	250	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Chloromethane	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Cyclohexane	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dibromoethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichlorobenzene[1,2-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichlorobenzene[1,3-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichlorobenzene[1,4-]	18	UJ	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichlorodifluoromethane	120	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloroethane[1,1-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloroethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloroethene[1,1-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloroethene[cis-1,2-]	58	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloroethene[trans-1,2-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloropropane[1,2-]	18	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloropropene[cis-1,3-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dichloropropene[trans-1,3-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Dioxane[1,4-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Ethanol	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Ethylbenzene	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Ethyltoluene[4-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Hexachlorobutadiene	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Hexane	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Hexanone[2-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Methanol	1800	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Methyl tert-Butyl Ether	70	UJ	01/09/03
50-09100	MD50-03-49741	103	Gas	Methyl-2-pentanone[4-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Methylene Chloride	38	None	01/09/03
50-09100	MD50-03-49741	103	Gas	n-Heptane	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Propanol[2-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Propylene	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Styrene	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Tetrachloroethane[1,1,2,2-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Tetrachloroethene	140	None	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49741	103	Gas	Tetrahydrofuran	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Toluene	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	200	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Trichlorobenzene[1,2,4-]	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Trichloroethane[1,1,1-]	53	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Trichloroethane[1,1,2-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Trichloroethene	3800	None	01/09/03
50-09100	MD50-03-49741	103	Gas	Trichlorofluoromethane	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Trimethylbenzene[1,2,4-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Trimethylbenzene[1,3,5-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Vinyl acetate	70	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Vinyl Chloride	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Xylene[1,2-]	18	U	01/09/03
50-09100	MD50-03-49741	103	Gas	Xylene[1,3-]+Xylene[1,4-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Acetone	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Benzene	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Benzyl Chloride	18	UJ	01/09/03
50-09100	MD50-03-49742	120	Gas	Bromodichloromethane	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Bromoform	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Bromomethane	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Butadiene[1,3-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Butanol[1-]	180	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Butanone[2-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Carbon Disulfide	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Carbon Tetrachloride	68	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Chlorobenzene	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Chlorodibromomethane	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Chloroethane	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Chloroform	260	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Chloromethane	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Cyclohexane	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dibromoethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichlorobenzene[1,2-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichlorobenzene[1,3-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichlorobenzene[1,4-]	18	UJ	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichlorodifluoromethane	120	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloroethane[1,1-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloroethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloroethene[1,1-]	18	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49742	120	Gas	Dichloroethene[cis-1,2-]	70	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloroethene[trans-1,2-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloropropane[1,2-]	22	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloropropene[cis-1,3-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dichloropropene[trans-1,3-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Dioxane[1,4-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Ethanol	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Ethylbenzene	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Ethyltoluene[4-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Hexachlorobutadiene	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Hexane	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Hexanone[2-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Methanol	1800	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Methyl tert-Butyl Ether	72	UJ	01/09/03
50-09100	MD50-03-49742	120	Gas	Methyl-2-pentanone[4-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Methylene Chloride	62	None	01/09/03
50-09100	MD50-03-49742	120	Gas	n-Heptane	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Propanol[2-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Propylene	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Styrene	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Tetrachloroethane[1,1,2,2-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Tetrachloroethene	160	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Tetrahydrofuran	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Toluene	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	170	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Trichlorobenzene[1,2,4-]	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Trichloroethane[1,1,1-]	42	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Trichloroethane[1,1,2-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Trichloroethene	4800	None	01/09/03
50-09100	MD50-03-49742	120	Gas	Trichlorofluoromethane	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Trimethylbenzene[1,2,4-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Trimethylbenzene[1,3,5-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Vinyl acetate	72	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Vinyl Chloride	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Xylene[1,2-]	18	U	01/09/03
50-09100	MD50-03-49742	120	Gas	Xylene[1,3-]+Xylene[1,4-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Acetone	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Benzene	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Benzyl Chloride	18	UJ	01/09/03
50-09100	MD50-03-49743	160	Gas	Bromodichloromethane	70	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49743	160	Gas	Bromoform	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Bromomethane	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Butadiene[1,3-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Butanol[1-]	180	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Butanone[2-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Carbon Disulfide	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Carbon Tetrachloride	77	None	01/09/03
50-09100	MD50-03-49743	160	Gas	Chlorobenzene	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Chlorodibromomethane	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Chloroethane	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Chloroform	230	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Chloromethane	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Cyclohexane	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dibromoethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichlorobenzene[1,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichlorobenzene[1,3-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichlorobenzene[1,4-]	18	UJ	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichlorodifluoromethane	120	None	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloroethane[1,1-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloroethane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloroethene[1,1-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloroethene[cis-1,2-]	74	None	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloroethene[trans-1,2-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloropropane[1,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloropropene[cis-1,3-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dichloropropene[trans-1,3-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Dioxane[1,4-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Ethanol	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Ethylbenzene	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Ethyltoluene[4-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Hexachlorobutadiene	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Hexane	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Hexanone[2-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Methanol	1800	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Methyl tert-Butyl Ether	70	UJ	01/09/03
50-09100	MD50-03-49743	160	Gas	Methyl-2-pentanone[4-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Methylene Chloride	120	None	01/09/03
50-09100	MD50-03-49743	160	Gas	n-Heptane	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Propanol[2-]	70	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49743	160	Gas	Propylene	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Styrene	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Tetrachloroethane[1,1,2,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Tetrachloroethene	160	None	01/09/03
50-09100	MD50-03-49743	160	Gas	Tetrahydrofuran	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Toluene	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	130	None	01/09/03
50-09100	MD50-03-49743	160	Gas	Trichlorobenzene[1,2,4-]	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Trichloroethane[1,1,1-]	33	None	01/09/03
50-09100	MD50-03-49743	160	Gas	Trichloroethane[1,1,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Trichloroethene	5600	None	01/09/03
50-09100	MD50-03-49743	160	Gas	Trichlorofluoromethane	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Trimethylbenzene[1,2,4-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Trimethylbenzene[1,3,5-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Vinyl acetate	70	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Vinyl Chloride	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Xylene[1,2-]	18	U	01/09/03
50-09100	MD50-03-49743	160	Gas	Xylene[1,3-]+Xylene[1,4-]	18	U	01/09/03
50-09100	MD50-00-0123	200	Gas	Acetone	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Benzene	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Bromodichloromethane	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Bromoform	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Bromomethane	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Butadiene[1,3-]	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Butanol[1-]	410	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Butanone[2-]	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Carbon Disulfide	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Carbon Tetrachloride	120	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Chlorobenzene	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Chlorodibromomethane	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Chlorodifluoromethane	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Chloroethane	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Chloroform	380	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Chloromethane	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Cyclohexane	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichlorobenzene[1,2-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichlorobenzene[1,3-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichlorobenzene[1,4-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichloroethane[1,1-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichloroethane[1,2-]	41	U	12/18/00

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-00-0123	200	Gas	Dichloroethene[1,1-]	48	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichloroethene[cis-1,2-]	110	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichloroethene[trans-1,2-]	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichloropropane[1,2-]	59	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichloropropene[cis-1,3-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dichloropropene[trans-1,3-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Dioxane[1,4-]	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Ethanol	160	UJ	12/18/00
50-09100	MD50-00-0123	200	Gas	Ethylbenzene	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Hexachlorobutadiene	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Hexane	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Hexanone[2-]	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Methanol	4100	UJ	12/18/00
50-09100	MD50-00-0123	200	Gas	Methyl tert-Butyl Ether	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Methyl-2-pentanone[4-]	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Methylene Chloride	410	None	12/18/00
50-09100	MD50-00-0123	200	Gas	n-Heptane	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Propanol[2-]	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Propylene	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Styrene	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Tetrachloroethane[1,1,2,2-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Tetrachloroethene	320	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Tetrahydrofuran	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Toluene	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	310	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Trichlorobenzene[1,2,4-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Trichloroethane[1,1,1-]	840	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Trichloroethane[1,1,2-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Trichloroethene	12000	None	12/18/00
50-09100	MD50-00-0123	200	Gas	Trimethylbenzene[1,2,4-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Trimethylbenzene[1,3,5-]	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Vinyl acetate	160	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Vinyl Chloride	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Xylene (Total)	41	U	12/18/00
50-09100	MD50-00-0123	200	Gas	Xylene[1,2-]	41	U	12/18/00
50-09100	MD50-01-0002	200	Gas	Acetone	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Benzene	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Bromodichloromethane	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Bromoform	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Bromomethane	42	U	03/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0002	200	Gas	Butadiene[1,3-]	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Butanol[1-]	420	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Butanone[2-]	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Carbon Disulfide	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Carbon Tetrachloride	100	None	03/26/01
50-09100	MD50-01-0002	200	Gas	Chlorobenzene	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Chlorodibromomethane	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Chlorodifluoromethane	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Chloroethane	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Chloroform	300	None	03/26/01
50-09100	MD50-01-0002	200	Gas	Chloromethane	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Cyclohexane	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichlorobenzene[1,2-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichlorobenzene[1,3-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichlorobenzene[1,4-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloroethane[1,1-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloroethane[1,2-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloroethene[1,1-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloroethene[cis-1,2-]	100	None	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloroethene[trans-1,2-]	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloropropane[1,2-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloropropene[cis-1,3-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dichloropropene[trans-1,3-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Dioxane[1,4-]	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Ethanol	170	UJ	03/26/01
50-09100	MD50-01-0002	200	Gas	Ethylbenzene	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Hexachlorobutadiene	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Hexane	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Hexanone[2-]	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Methanol	4200	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Methyl tert-Butyl Ether	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Methyl-2-pentanone[4-]	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Methylene Chloride	270	None	03/26/01
50-09100	MD50-01-0002	200	Gas	n-Heptane	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Propanol[2-]	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Propylene	170	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Styrene	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Tetrachloroethane[1,1,2,2-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Tetrachloroethene	270	None	03/26/01
50-09100	MD50-01-0002	200	Gas	Tetrahydrofuran	170	U	03/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0002	200	Gas	Toluene	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	190	None	03/26/01
50-09100	MD50-01-0002	200	Gas	Trichlorobenzene[1,2,4-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Trichloroethane[1,1,1-]	62	None	03/26/01
50-09100	MD50-01-0002	200	Gas	Trichloroethane[1,1,2-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Trichloroethene	9100	None	03/26/01
50-09100	MD50-01-0002	200	Gas	Trimethylbenzene[1,2,4-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Trimethylbenzene[1,3,5-]	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Vinyl acetate	170	UJ	03/26/01
50-09100	MD50-01-0002	200	Gas	Vinyl Chloride	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Xylene (Total)	42	U	03/26/01
50-09100	MD50-01-0002	200	Gas	Xylene[1,2-]	42	U	03/26/01
50-09100	MD50-03-49744	200	Gas	Acetone	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Benzene	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Benzyl Chloride	34	UJ	01/09/03
50-09100	MD50-03-49744	200	Gas	Bromodichloromethane	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Bromoform	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Bromomethane	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Butadiene[1,3-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Butanol[1-]	340	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Butanone[2-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Carbon Disulfide	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Carbon Tetrachloride	110	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Chlorobenzene	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Chlorodibromomethane	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Chloroethane	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Chloroform	300	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Chloromethane	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Cyclohexane	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dibromoethane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichlorobenzene[1,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichlorobenzene[1,3-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichlorobenzene[1,4-]	34	UJ	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichlorodifluoromethane	170	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloroethane[1,1-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloroethane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloroethene[1,1-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloroethene[cis-1,2-]	100	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloroethene[trans-1,2-]	140	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49744	200	Gas	Dichloropropane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloropropene[cis-1,3-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dichloropropene[trans-1,3-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Dioxane[1,4-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Ethanol	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Ethylbenzene	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Ethyltoluene[4-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Hexachlorobutadiene	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Hexane	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Hexanone[2-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Methanol	3400	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Methyl tert-Butyl Ether	140	UJ	01/09/03
50-09100	MD50-03-49744	200	Gas	Methyl-2-pentanone[4-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Methylene Chloride	240	None	01/09/03
50-09100	MD50-03-49744	200	Gas	n-Heptane	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Propanol[2-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Propylene	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Styrene	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Tetrachloroethane[1,1,2,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Tetrachloroethene	230	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Tetrahydrofuran	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Toluene	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	180	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Trichlorobenzene[1,2,4-]	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Trichloroethane[1,1,1-]	44	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Trichloroethane[1,1,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Trichloroethene	8800	None	01/09/03
50-09100	MD50-03-49744	200	Gas	Trichlorofluoromethane	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Trimethylbenzene[1,2,4-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Trimethylbenzene[1,3,5-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Vinyl acetate	140	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Vinyl Chloride	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Xylene[1,2-]	34	U	01/09/03
50-09100	MD50-03-49744	200	Gas	Xylene[1,3-]+Xylene[1,4-]	34	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Acetone	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Benzene	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Benzyl Chloride	35	UJ	01/09/03
50-09100	MD50-03-49745	233	Gas	Bromodichloromethane	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Bromoform	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Bromomethane	35	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49745	233	Gas	Butadiene[1,3-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Butanol[1-]	350	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Butanone[2-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Carbon Disulfide	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Carbon Tetrachloride	97	None	01/09/03
50-09100	MD50-03-49745	233	Gas	Chlorobenzene	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Chlorodibromomethane	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Chloroethane	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Chloroform	270	None	01/09/03
50-09100	MD50-03-49745	233	Gas	Chloromethane	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Cyclohexane	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dibromoethane[1,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichlorobenzene[1,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichlorobenzene[1,3-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichlorobenzene[1,4-]	35	UJ	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichlorodifluoromethane	140	None	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloroethane[1,1-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloroethane[1,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloroethene[1,1-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloroethene[cis-1,2-]	100	None	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloroethene[trans-1,2-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloropropane[1,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloropropene[cis-1,3-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dichloropropene[trans-1,3-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Dioxane[1,4-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Ethanol	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Ethylbenzene	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Ethyltoluene[4-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Hexachlorobutadiene	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Hexane	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Hexanone[2-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Methanol	3500	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Methyl tert-Butyl Ether	140	UJ	01/09/03
50-09100	MD50-03-49745	233	Gas	Methyl-2-pentanone[4-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Methylene Chloride	230	None	01/09/03
50-09100	MD50-03-49745	233	Gas	n-Heptane	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Propanol[2-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Propylene	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Styrene	35	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49745	233	Gas	Tetrachloroethane[1,1,2,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Tetrachloroethene	220	None	01/09/03
50-09100	MD50-03-49745	233	Gas	Tetrahydrofuran	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Toluene	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	140	None	01/09/03
50-09100	MD50-03-49745	233	Gas	Trichlorobenzene[1,2,4-]	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Trichloroethane[1,1,1-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Trichloroethane[1,1,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Trichloroethene	8700	None	01/09/03
50-09100	MD50-03-49745	233	Gas	Trichlorofluoromethane	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Trimethylbenzene[1,2,4-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Trimethylbenzene[1,3,5-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Vinyl acetate	140	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Vinyl Chloride	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Xylene[1,2-]	35	U	01/09/03
50-09100	MD50-03-49745	233	Gas	Xylene[1,3-]+Xylene[1,4-]	35	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Acetone	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Benzene	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Benzyl Chloride	34	UJ	01/09/03
50-09100	MD50-03-49746	260	Gas	Bromodichloromethane	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Bromoform	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Bromomethane	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Butadiene[1,3-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Butanol[1-]	340	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Butanone[2-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Carbon Disulfide	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Carbon Tetrachloride	86	None	01/09/03
50-09100	MD50-03-49746	260	Gas	Chlorobenzene	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Chlorodibromomethane	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Chloroethane	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Chloroform	180	None	01/09/03
50-09100	MD50-03-49746	260	Gas	Chloromethane	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Cyclohexane	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dibromoethane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichlorobenzene[1,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichlorobenzene[1,3-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichlorobenzene[1,4-]	34	UJ	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichlorodifluoromethane	130	None	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloroethane[1,1-]	34	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49746	260	Gas	Dichloroethane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloroethene[1,1-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloroethene[cis-1,2-]	73	None	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloroethene[trans-1,2-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloropropane[1,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloropropene[cis-1,3-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dichloropropene[trans-1,3-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Dioxane[1,4-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Ethanol	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Ethylbenzene	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Ethyltoluene[4-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Hexachlorobutadiene	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Hexane	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Hexanone[2-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Methanol	3400	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Methyl tert-Butyl Ether	140	UJ	01/09/03
50-09100	MD50-03-49746	260	Gas	Methyl-2-pentanone[4-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Methylene Chloride	150	None	01/09/03
50-09100	MD50-03-49746	260	Gas	n-Heptane	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Propanol[2-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Propylene	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Styrene	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Tetrachloroethane[1,1,2,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Tetrachloroethene	170	None	01/09/03
50-09100	MD50-03-49746	260	Gas	Tetrahydrofuran	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Toluene	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	83	None	01/09/03
50-09100	MD50-03-49746	260	Gas	Trichlorobenzene[1,2,4-]	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Trichloroethane[1,1,1-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Trichloroethane[1,1,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Trichloroethene	7000	None	01/09/03
50-09100	MD50-03-49746	260	Gas	Trichlorofluoromethane	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Trimethylbenzene[1,2,4-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Trimethylbenzene[1,3,5-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Vinyl acetate	140	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Vinyl Chloride	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Xylene[1,2-]	34	U	01/09/03
50-09100	MD50-03-49746	260	Gas	Xylene[1,3-]+Xylene[1,4-]	34	U	01/09/03
50-09100	MD50-01-0024	264	Gas	Acetone	68	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Benzene	4.3	None	08/08/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0024	264	Gas	Bromodichloromethane	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Bromoform	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Bromomethane	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Butadiene[1,3-]	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Butanol[1-]	18	UJ	08/08/01
50-09100	MD50-01-0024	264	Gas	Butanone[2-]	32	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Carbon Disulfide	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Carbon Tetrachloride	12	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Chlorobenzene	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Chlorodibromomethane	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Chlorodifluoromethane	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Chloroethane	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Chloroform	67	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Chloromethane	1.8	UJ	08/08/01
50-09100	MD50-01-0024	264	Gas	Cyclohexane	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichlorobenzene[1,2-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichlorobenzene[1,3-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichlorobenzene[1,4-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloroethane[1,1-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloroethane[1,2-]	3.8	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloroethene[1,1-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloroethene[cis-1,2-]	3.7	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloroethene[trans-1,2-]	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloropropane[1,2-]	14	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloropropene[cis-1,3-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dichloropropene[trans-1,3-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Dioxane[1,4-]	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Ethanol	42	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Ethylbenzene	3.3	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Hexachlorobutadiene	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Hexane	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Hexanone[2-]	7.3	UJ	08/08/01
50-09100	MD50-01-0024	264	Gas	Methanol	210	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Methyl tert-Butyl Ether	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Methyl-2-pentanone[4-]	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Methylene Chloride	8.6	None	08/08/01
50-09100	MD50-01-0024	264	Gas	n-Heptane	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Propanol[2-]	35	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Propylene	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Tetrachloroethene	510	None	08/08/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-01-0024	264	Gas	Tetrahydrofuran	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Toluene	43	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	11	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Trichlorobenzene[1,2,4-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Trichloroethane[1,1,1-]	17	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Trichloroethane[1,1,2-]	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Trichloroethene	680	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Vinyl acetate	7.3	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Vinyl Chloride	1.8	U	08/08/01
50-09100	MD50-01-0024	264	Gas	Xylene (Total)	13	None	08/08/01
50-09100	MD50-01-0024	264	Gas	Xylene[1,2-]	5	None	08/08/01
50-09100	MD50-00-0100	315	Gas	Acetone	4500	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Acetonitrile	900	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Acrolein	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Acrylonitrile	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Benzene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Benzyl Chloride	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Bromodichloromethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Bromoform	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Bromomethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Butadiene[1,3-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Butane[n-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Butanol[1-]	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Butanone[2-]	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Carbon Disulfide	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Carbon Tetrachloride	140	J	08/02/00
50-09100	MD50-00-0100	315	Gas	Chloro-1-propene[3-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Chlorobenzene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Chlorodibromomethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Chlorodifluoromethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Chloroethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Chloroform	390	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Chloromethane	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Cyclohexane	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Decane[n-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dibromoethane[1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dibromomethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichlorobenzene[1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichlorobenzene[1,3-]	180	U	08/02/00

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-00-0100	315	Gas	Dichlorobenzene[1,4-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichlorodifluoromethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloroethane[1,1-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloroethane[1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloroethene[1,1-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloroethene[cis-1,2-]	100	J	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloroethene[trans-1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloropropane[1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloropropene[cis-1,3-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dichloropropene[trans-1,3-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Diethyl Ether	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Dodecane[n-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Ethylbenzene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Hexachlorobutadiene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Hexane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Hexanone[2-]	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Isopropylbenzene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Methanol	9000	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Methyl tert-Butyl Ether	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Methyl-2-pentanone[4-]	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Methylene Chloride	560	J	08/02/00
50-09100	MD50-00-0100	315	Gas	Methylstyrene[alpha-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Naphthalene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	n-Heptane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Nonane[1-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Octane[n-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Pentane	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Propylbenzene[1-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Styrene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Tetrachloroethane[1,1,2,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Tetrachloroethene	210	J	08/02/00
50-09100	MD50-00-0100	315	Gas	Toluene	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Trichlorobenzene[1,2,4-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Trichloroethane[1,1,1-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Trichloroethane[1,1,2-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Trichloroethene	13000	None	08/02/00
50-09100	MD50-00-0100	315	Gas	Trichlorofluoromethane	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Trimethylbenzene[1,2,4-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Trimethylbenzene[1,3,5-]	180	U	08/02/00

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-00-0100	315	Gas	Undecane[n-]	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Vinyl acetate	450	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Vinyl Chloride	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Xylene (Total)	180	U	08/02/00
50-09100	MD50-00-0100	315	Gas	Xylene[1,2-]	180	U	08/02/00
50-09100	MD50-03-49747	315	Gas	Acetone	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Benzene	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Benzyl Chloride	26	UJ	01/09/03
50-09100	MD50-03-49747	315	Gas	Bromodichloromethane	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Bromoform	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Bromomethane	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Butadiene[1,3-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Butanol[1-]	260	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Butanone[2-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Carbon Disulfide	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Carbon Tetrachloride	74	None	01/09/03
50-09100	MD50-03-49747	315	Gas	Chlorobenzene	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Chlorodibromomethane	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Chloroethane	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Chloroform	190	None	01/09/03
50-09100	MD50-03-49747	315	Gas	Chloromethane	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Cyclohexane	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dibromoethane[1,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichlorobenzene[1,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichlorobenzene[1,3-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichlorobenzene[1,4-]	26	UJ	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichlorodifluoromethane	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloroethane[1,1-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloroethane[1,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloroethene[1,1-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloroethene[cis-1,2-]	77	None	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloroethene[trans-1,2-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloropropane[1,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloropropene[cis-1,3-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dichloropropene[trans-1,3-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Dioxane[1,4-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Ethanol	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Ethylbenzene	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Ethyltoluene[4-]	100	U	01/09/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-09100	MD50-03-49747	315	Gas	Hexachlorobutadiene	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Hexane	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Hexanone[2-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Methanol	2600	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Methyl tert-Butyl Ether	100	UJ	01/09/03
50-09100	MD50-03-49747	315	Gas	Methyl-2-pentanone[4-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Methylene Chloride	160	None	01/09/03
50-09100	MD50-03-49747	315	Gas	n-Heptane	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Propanol[2-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Propylene	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Styrene	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Tetrachloroethane[1,1,2,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Tetrachloroethene	170	None	01/09/03
50-09100	MD50-03-49747	315	Gas	Tetrahydrofuran	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Toluene	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	34	None	01/09/03
50-09100	MD50-03-49747	315	Gas	Trichlorobenzene[1,2,4-]	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Trichloroethane[1,1,1-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Trichloroethane[1,1,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Trichloroethene	7600	None	01/09/03
50-09100	MD50-03-49747	315	Gas	Trichlorofluoromethane	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Trimethylbenzene[1,2,4-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Trimethylbenzene[1,3,5-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Vinyl acetate	100	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Vinyl Chloride	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Xylene[1,2-]	26	U	01/09/03
50-09100	MD50-03-49747	315	Gas	Xylene[1,3-]+Xylene[1,4-]	26	U	01/09/03
50-10131	MD50-03-49728	20	Gas	Acetone	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Benzene	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Benzyl Chloride	4.2	UJ	01/08/03
50-10131	MD50-03-49728	20	Gas	Bromodichloromethane	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Bromoform	17	UJ	01/08/03
50-10131	MD50-03-49728	20	Gas	Bromomethane	4.2	UJ	01/08/03
50-10131	MD50-03-49728	20	Gas	Butadiene[1,3-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Butanol[1-]	42	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Butanone[2-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Carbon Disulfide	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Carbon Tetrachloride	12	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Chlorobenzene	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Chlorodibromomethane	17	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49728	20	Gas	Chloroethane	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Chloroform	180	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Chloromethane	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Cyclohexane	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dibromoethane[1,2-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichlorobenzene[1,2-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichlorobenzene[1,3-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichlorobenzene[1,4-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichlorodifluoromethane	22	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloroethane[1,1-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloroethane[1,2-]	6	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloroethene[1,1-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloroethene[cis-1,2-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloroethene[trans-1,2-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloropropane[1,2-]	16	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloropropene[cis-1,3-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dichloropropene[trans-1,3-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Dioxane[1,4-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Ethanol	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Ethylbenzene	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Ethyltoluene[4-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Hexachlorobutadiene	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Hexane	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Hexanone[2-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Methanol	420	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Methyl tert-Butyl Ether	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Methyl-2-pentanone[4-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Methylene Chloride	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	n-Heptane	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Propanol[2-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Propylene	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Styrene	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Tetrachloroethane[1,1,2,2-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Tetrachloroethene	1600	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Tetrahydrofuran	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Toluene	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	16	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Trichlorobenzene[1,2,4-]	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Trichloroethane[1,1,1-]	23	None	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49728	20	Gas	Trichloroethane[1,1,2-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Trichloroethene	1400	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Trichlorofluoromethane	6.2	None	01/08/03
50-10131	MD50-03-49728	20	Gas	Trimethylbenzene[1,2,4-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Trimethylbenzene[1,3,5-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Vinyl acetate	17	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Vinyl Chloride	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Xylene[1,2-]	4.2	U	01/08/03
50-10131	MD50-03-49728	20	Gas	Xylene[1,3-]+Xylene[1,4-]	4.2	U	01/08/03
50-10131	MD50-01-0025	25	Gas	Acetone	28	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Benzene	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Benzyl Chloride	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Bromodichloromethane	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Bromoform	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Bromomethane	6.6	UJ	11/26/01
50-10131	MD50-01-0025	25	Gas	Butadiene[1,3-]	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Butanol[1-]	66	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Butanone[2-]	69	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Carbon Disulfide	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Carbon Tetrachloride	25	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Chlorobenzene	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Chlorodibromomethane	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Chlorodifluoromethane		U	11/26/01
50-10131	MD50-01-0025	25	Gas	Chloroethane	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Chloroform	220	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Chloromethane	6.6	UJ	11/26/01
50-10131	MD50-01-0025	25	Gas	Cyclohexane	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dibromoethane[1,2-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichlorobenzene[1,2-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichlorobenzene[1,3-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichlorobenzene[1,4-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichlorodifluoromethane	34	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloroethane[1,1-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloroethane[1,2-]	9.9	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloroethene[1,1-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloroethene[cis-1,2-]	6.9	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloroethene[trans-1,2-]	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloropropane[1,2-]	37	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Dichloropropene[cis-1,3-]	6.6	U	11/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-01-0025	25	Gas	Dichloropropene[trans-1,3-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Dioxane[1,4-]	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Ethanol	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Ethylbenzene	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Ethyltoluene[4-]	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Hexachlorobutadiene	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Hexane	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Hexanone[2-]	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Methanol	660	UJ	11/26/01
50-10131	MD50-01-0025	25	Gas	Methyl tert-Butyl Ether	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Methyl-2-pentanone[4-]	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Methylene Chloride	11	None	11/26/01
50-10131	MD50-01-0025	25	Gas	n-Heptane	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Propanol[2-]	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Propylene	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Styrene	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Tetrachloroethane[1,1,2,2-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Tetrachloroethene	1400	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Tetrahydrofuran	60	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Toluene	98	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	27	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Trichlorobenzene[1,2,4-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Trichloroethane[1,1,1-]	62	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Trichloroethane[1,1,2-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Trichloroethene	1800	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Trichlorofluoromethane	9.2	None	11/26/01
50-10131	MD50-01-0025	25	Gas	Trimethylbenzene[1,2,4-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Trimethylbenzene[1,3,5-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Vinyl acetate	26	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Vinyl Chloride	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Xylene[1,2-]	6.6	U	11/26/01
50-10131	MD50-01-0025	25	Gas	Xylene[1,3-]+Xylene[1,4-]	6.6	U	11/26/01
50-10131	MD50-03-49729	50	Gas	Acetone	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Benzene	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Benzyl Chloride	8.8	UJ	01/08/03
50-10131	MD50-03-49729	50	Gas	Bromodichloromethane	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Bromoform	35	UJ	01/08/03
50-10131	MD50-03-49729	50	Gas	Bromomethane	8.8	UJ	01/08/03
50-10131	MD50-03-49729	50	Gas	Butadiene[1,3-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Butanol[1-]	88	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49729	50	Gas	Butanone[2-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Carbon Disulfide	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Carbon Tetrachloride	24	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Chlorobenzene	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Chlorodibromomethane	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Chloroethane	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Chloroform	340	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Chloromethane	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Cyclohexane	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dibromoethane[1,2-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichlorobenzene[1,2-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichlorobenzene[1,3-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichlorobenzene[1,4-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichlorodifluoromethane	36	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloroethane[1,1-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloroethane[1,2-]	20	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloroethene[1,1-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloroethene[cis-1,2-]	9.4	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloroethene[trans-1,2-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloropropane[1,2-]	52	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloropropene[cis-1,3-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dichloropropene[trans-1,3-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Dioxane[1,4-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Ethanol	5700	J-	01/08/03
50-10131	MD50-03-49729	50	Gas	Ethylbenzene	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Ethyltoluene[4-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Hexachlorobutadiene	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Hexane	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Hexanone[2-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Methanol	880	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Methyl tert-Butyl Ether	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Methyl-2-pentanone[4-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Methylene Chloride	12	None	01/08/03
50-10131	MD50-03-49729	50	Gas	n-Heptane	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Propanol[2-]	220	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Propylene	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Styrene	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Tetrachloroethane[1,1,2,2-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Tetrachloroethene	2100	None	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49729	50	Gas	Tetrahydrofuran	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Toluene	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	31	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Trichlorobenzene[1,2,4-]	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Trichloroethane[1,1,1-]	28	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Trichloroethane[1,1,2-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Trichloroethene	2300	None	01/08/03
50-10131	MD50-03-49729	50	Gas	Trichlorofluoromethane	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Trimethylbenzene[1,2,4-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Trimethylbenzene[1,3,5-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Vinyl acetate	35	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Vinyl Chloride	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Xylene[1,2-]	8.8	U	01/08/03
50-10131	MD50-03-49729	50	Gas	Xylene[1,3-]+Xylene[1,4-]	8.8	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Acetone	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Benzene	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Benzyl Chloride	8.2	UJ	01/08/03
50-10131	MD50-03-49730	90	Gas	Bromodichloromethane	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Bromoform	33	UJ	01/08/03
50-10131	MD50-03-49730	90	Gas	Bromomethane	8.2	UJ	01/08/03
50-10131	MD50-03-49730	90	Gas	Butadiene[1,3-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Butanol[1-]	82	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Butanone[2-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Carbon Disulfide	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Carbon Tetrachloride	30	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Chlorobenzene	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Chlorodibromomethane	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Chloroethane	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Chloroform	300	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Chloromethane	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Cyclohexane	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dibromoethane[1,2-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichlorobenzene[1,2-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichlorobenzene[1,3-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichlorobenzene[1,4-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichlorodifluoromethane	42	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloroethane[1,1-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloroethane[1,2-]	19	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloroethene[1,1-]	8.2	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49730	90	Gas	Dichloroethene[cis-1,2-]	9.1	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloroethene[trans-1,2-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloropropane[1,2-]	59	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloropropene[cis-1,3-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dichloropropene[trans-1,3-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Dioxane[1,4-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Ethanol	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Ethylbenzene	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Ethyltoluene[4-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Hexachlorobutadiene	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Hexane	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Hexanone[2-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Methanol	820	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Methyl tert-Butyl Ether	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Methyl-2-pentanone[4-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Methylene Chloride	16	None	01/08/03
50-10131	MD50-03-49730	90	Gas	n-Heptane	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Propanol[2-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Propylene	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Styrene	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Tetrachloroethane[1,1,2,2-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Tetrachloroethene	1600	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Tetrahydrofuran	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Toluene	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	35	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Trichlorobenzene[1,2,4-]	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Trichloroethane[1,1,1-]	28	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Trichloroethane[1,1,2-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Trichloroethene	1900	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Trichlorofluoromethane	8.2	None	01/08/03
50-10131	MD50-03-49730	90	Gas	Trimethylbenzene[1,2,4-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Trimethylbenzene[1,3,5-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Vinyl acetate	33	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Vinyl Chloride	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Xylene[1,2-]	8.2	U	01/08/03
50-10131	MD50-03-49730	90	Gas	Xylene[1,3-]+Xylene[1,4-]	8.2	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Acetone	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Benzene	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Benzyl Chloride	8.4	UJ	01/08/03
50-10131	MD50-03-49731	103	Gas	Bromodichloromethane	34	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49731	103	Gas	Bromoform	34	UJ	01/08/03
50-10131	MD50-03-49731	103	Gas	Bromomethane	8.4	UJ	01/08/03
50-10131	MD50-03-49731	103	Gas	Butadiene[1,3-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Butanol[1-]	84	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Butanone[2-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Carbon Disulfide	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Carbon Tetrachloride	42	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Chlorobenzene	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Chlorodibromomethane	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Chloroethane	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Chloroform	260	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Chloromethane	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Cyclohexane	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dibromoethane[1,2-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichlorobenzene[1,2-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichlorobenzene[1,3-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichlorobenzene[1,4-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichlorodifluoromethane	52	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloroethane[1,1-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloroethane[1,2-]	18	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloroethene[1,1-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloroethene[cis-1,2-]	12	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloroethene[trans-1,2-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloropropane[1,2-]	71	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloropropene[cis-1,3-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dichloropropene[trans-1,3-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Dioxane[1,4-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Ethanol	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Ethylbenzene	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Ethyltoluene[4-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Hexachlorobutadiene	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Hexane	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Hexanone[2-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Methanol	840	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Methyl tert-Butyl Ether	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Methyl-2-pentanone[4-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Methylene Chloride	18	None	01/08/03
50-10131	MD50-03-49731	103	Gas	n-Heptane	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Propanol[2-]	34	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49731	103	Gas	Propylene	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Styrene	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Tetrachloroethane[1,1,2,2-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Tetrachloroethene	1400	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Tetrahydrofuran	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Toluene	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	48	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Trichlorobenzene[1,2,4-]	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Trichloroethane[1,1,1-]	34	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Trichloroethane[1,1,2-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Trichloroethene	2000	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Trichlorofluoromethane	9.4	None	01/08/03
50-10131	MD50-03-49731	103	Gas	Trimethylbenzene[1,2,4-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Trimethylbenzene[1,3,5-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Vinyl acetate	34	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Vinyl Chloride	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Xylene[1,2-]	8.4	U	01/08/03
50-10131	MD50-03-49731	103	Gas	Xylene[1,3-]+Xylene[1,4-]	8.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Acetone	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Benzene	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Benzyl Chloride	4.4	UJ	01/08/03
50-10131	MD50-03-49732	120	Gas	Bromodichloromethane	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Bromoform	18	UJ	01/08/03
50-10131	MD50-03-49732	120	Gas	Bromomethane	4.4	UJ	01/08/03
50-10131	MD50-03-49732	120	Gas	Butadiene[1,3-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Butanol[1-]	44	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Butanone[2-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Carbon Disulfide	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Carbon Tetrachloride	29	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Chlorobenzene	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Chlorodibromomethane	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Chloroethane	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Chloroform	120	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Chloromethane	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Cyclohexane	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dibromoethane[1,2-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichlorobenzene[1,2-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichlorobenzene[1,3-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichlorobenzene[1,4-]	4.4	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49732	120	Gas	Dichlorodifluoromethane	33	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloroethane[1,1-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloroethane[1,2-]	9.8	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloroethene[1,1-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloroethene[cis-1,2-]	8.4	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloroethene[trans-1,2-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloropropane[1,2-]	43	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloropropene[cis-1,3-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dichloropropene[trans-1,3-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Dioxane[1,4-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Ethanol	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Ethylbenzene	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Ethyltoluene[4-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Hexachlorobutadiene	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Hexane	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Hexanone[2-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Methanol	440	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Methyl tert-Butyl Ether	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Methyl-2-pentanone[4-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Methylene Chloride	18	None	01/08/03
50-10131	MD50-03-49732	120	Gas	n-Heptane	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Propanol[2-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Propylene	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Styrene	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Tetrachloroethane[1,1,2,2-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Tetrachloroethene	600	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Tetrahydrofuran	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Toluene	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	32	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Trichlorobenzene[1,2,4-]	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Trichloroethane[1,1,1-]	21	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Trichloroethane[1,1,2-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Trichloroethene	1100	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Trichlorofluoromethane	5.4	None	01/08/03
50-10131	MD50-03-49732	120	Gas	Trimethylbenzene[1,2,4-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Trimethylbenzene[1,3,5-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Vinyl acetate	18	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Vinyl Chloride	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Xylene[1,2-]	4.4	U	01/08/03
50-10131	MD50-03-49732	120	Gas	Xylene[1,3-]+Xylene[1,4-]	4.4	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-01-0026	125	Gas	Acetone	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Benzene	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Benzyl Chloride	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Bromodichloromethane	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Bromoform	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Bromomethane	8	UJ	11/26/01
50-10131	MD50-01-0026	125	Gas	Butadiene[1,3-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Butanol[1-]	80	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Butanone[2-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Carbon Disulfide	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Carbon Tetrachloride	36	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Chlorobenzene	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Chlorodibromomethane	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Chlorodifluoromethane		U	11/26/01
50-10131	MD50-01-0026	125	Gas	Chloroethane	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Chloroform	180	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Chloromethane	8	UJ	11/26/01
50-10131	MD50-01-0026	125	Gas	Cyclohexane	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dibromoethane[1,2-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichlorobenzene[1,2-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichlorobenzene[1,3-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichlorobenzene[1,4-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichlorodifluoromethane	50	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloroethane[1,1-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloroethane[1,2-]	12	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloroethene[1,1-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloroethene[cis-1,2-]	10	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloroethene[trans-1,2-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloropropane[1,2-]	59	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloropropene[cis-1,3-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dichloropropene[trans-1,3-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Dioxane[1,4-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Ethanol	35	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Ethylbenzene	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Ethyltoluene[4-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Hexachlorobutadiene	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Hexane	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Hexanone[2-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Methanol	800	U	11/26/01

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-01-0026	125	Gas	Methyl tert-Butyl Ether	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Methyl-2-pentanone[4-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Methylene Chloride	19	None	11/26/01
50-10131	MD50-01-0026	125	Gas	n-Heptane	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Propanol[2-]	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Propylene	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Styrene	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Tetrachloroethane[1,1,2,2-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Tetrachloroethene	1000	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Tetrahydrofuran	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Toluene	42	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	52	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Trichlorobenzene[1,2,4-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Trichloroethane[1,1,1-]	49	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Trichloroethane[1,1,2-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Trichloroethene	1600	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Trichlorofluoromethane	9.7	None	11/26/01
50-10131	MD50-01-0026	125	Gas	Trimethylbenzene[1,2,4-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Trimethylbenzene[1,3,5-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Vinyl acetate	32	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Vinyl Chloride	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Xylene[1,2-]	8	U	11/26/01
50-10131	MD50-01-0026	125	Gas	Xylene[1,3-]+Xylene[1,4-]	8	U	11/26/01
50-10131	MD50-03-49733	160	Gas	Acetone	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Benzene	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Benzyl Chloride	7	UJ	01/08/03
50-10131	MD50-03-49733	160	Gas	Bromodichloromethane	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Bromoform	28	UJ	01/08/03
50-10131	MD50-03-49733	160	Gas	Bromomethane	7	UJ	01/08/03
50-10131	MD50-03-49733	160	Gas	Butadiene[1,3-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Butanol[1-]	70	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Butanone[2-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Carbon Disulfide	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Carbon Tetrachloride	61	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Chlorobenzene	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Chlorodibromomethane	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Chloroethane	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Chloroform	160	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Chloromethane	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Cyclohexane	28	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49733	160	Gas	Dibromoethane[1,2-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	7.8	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichlorobenzene[1,2-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichlorobenzene[1,3-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichlorobenzene[1,4-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichlorodifluoromethane	67	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloroethane[1,1-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloroethane[1,2-]	13	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloroethene[1,1-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloroethene[cis-1,2-]	14	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloroethene[trans-1,2-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloropropane[1,2-]	64	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloropropene[cis-1,3-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dichloropropene[trans-1,3-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Dioxane[1,4-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Ethanol	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Ethylbenzene	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Ethyltoluene[4-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Hexachlorobutadiene	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Hexane	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Hexanone[2-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Methanol	700	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Methyl tert-Butyl Ether	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Methyl-2-pentanone[4-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Methylene Chloride	26	None	01/08/03
50-10131	MD50-03-49733	160	Gas	n-Heptane	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Propanol[2-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Propylene	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Styrene	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Tetrachloroethane[1,1,2,2-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Tetrachloroethene	990	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Tetrahydrofuran	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Toluene	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	51	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Trichlorobenzene[1,2,4-]	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Trichloroethane[1,1,1-]	34	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Trichloroethane[1,1,2-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Trichloroethene	1900	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Trichlorofluoromethane	8.7	None	01/08/03
50-10131	MD50-03-49733	160	Gas	Trimethylbenzene[1,2,4-]	7	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49733	160	Gas	Trimethylbenzene[1,3,5-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Vinyl acetate	28	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Vinyl Chloride	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Xylene[1,2-]	7	U	01/08/03
50-10131	MD50-03-49733	160	Gas	Xylene[1,3-]+Xylene[1,4-]	7	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Acetone	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Benzene	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Benzyl Chloride	6.8	UJ	01/08/03
50-10131	MD50-03-49734	200	Gas	Bromodichloromethane	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Bromoform	27	UJ	01/08/03
50-10131	MD50-03-49734	200	Gas	Bromomethane	6.8	UJ	01/08/03
50-10131	MD50-03-49734	200	Gas	Butadiene[1,3-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Butanol[1-]	68	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Butanone[2-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Carbon Disulfide	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Carbon Tetrachloride	75	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Chlorobenzene	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Chlorodibromomethane	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Chloroethane	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Chloroform	120	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Chloromethane	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Cyclohexane	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dibromoethane[1,2-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichlorobenzene[1,2-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichlorobenzene[1,3-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichlorobenzene[1,4-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichlorodifluoromethane	64	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloroethane[1,1-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloroethane[1,2-]	9.4	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloroethene[1,1-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloroethene[cis-1,2-]	15	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloroethene[trans-1,2-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloropropane[1,2-]	59	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloropropene[cis-1,3-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dichloropropene[trans-1,3-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Dioxane[1,4-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Ethanol	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Ethylbenzene	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Ethyltoluene[4-]	27	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49734	200	Gas	Hexachlorobutadiene	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Hexane	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Hexanone[2-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Methanol	680	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Methyl tert-Butyl Ether	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Methyl-2-pentanone[4-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Methylene Chloride	25	None	01/08/03
50-10131	MD50-03-49734	200	Gas	n-Heptane	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Propanol[2-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Propylene	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Styrene	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Tetrachloroethane[1,1,2,2-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Tetrachloroethene	920	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Tetrahydrofuran	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Toluene	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	41	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Trichlorobenzene[1,2,4-]	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Trichloroethane[1,1,1-]	31	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Trichloroethane[1,1,2-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Trichloroethene	1900	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Trichlorofluoromethane	8.1	None	01/08/03
50-10131	MD50-03-49734	200	Gas	Trimethylbenzene[1,2,4-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Trimethylbenzene[1,3,5-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Vinyl acetate	27	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Vinyl Chloride	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Xylene[1,2-]	6.8	U	01/08/03
50-10131	MD50-03-49734	200	Gas	Xylene[1,3-]+Xylene[1,4-]	6.8	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Acetone	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Benzene	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Benzyl Chloride	6.6	UJ	01/08/03
50-10131	MD50-03-49735	233	Gas	Bromodichloromethane	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Bromoform	26	UJ	01/08/03
50-10131	MD50-03-49735	233	Gas	Bromomethane	6.6	UJ	01/08/03
50-10131	MD50-03-49735	233	Gas	Butadiene[1,3-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Butanol[1-]	66	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Butanone[2-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Carbon Disulfide	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Carbon Tetrachloride	85	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Chlorobenzene	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Chlorodibromomethane	26	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49735	233	Gas	Chloroethane	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Chloroform	87	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Chloromethane	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Cyclohexane	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dibromoethane[1,2-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	7.8	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichlorobenzene[1,2-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichlorobenzene[1,3-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichlorobenzene[1,4-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichlorodifluoromethane	68	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloroethane[1,1-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloroethane[1,2-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloroethene[1,1-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloroethene[cis-1,2-]	13	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloroethene[trans-1,2-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloropropane[1,2-]	47	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloropropene[cis-1,3-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dichloropropene[trans-1,3-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Dioxane[1,4-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Ethanol	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Ethylbenzene	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Ethyltoluene[4-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Hexachlorobutadiene	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Hexane	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Hexanone[2-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Methanol	660	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Methyl tert-Butyl Ether	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Methyl-2-pentanone[4-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Methylene Chloride	26	None	01/08/03
50-10131	MD50-03-49735	233	Gas	n-Heptane	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Propanol[2-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Propylene	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Styrene	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Tetrachloroethane[1,1,2,2-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Tetrachloroethene	800	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Tetrahydrofuran	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Toluene	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	32	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Trichlorobenzene[1,2,4-]	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Trichloroethane[1,1,1-]	27	None	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49735	233	Gas	Trichloroethane[1,1,2-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Trichloroethene	1800	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Trichlorofluoromethane	8.3	None	01/08/03
50-10131	MD50-03-49735	233	Gas	Trimethylbenzene[1,2,4-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Trimethylbenzene[1,3,5-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Vinyl acetate	26	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Vinyl Chloride	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Xylene[1,2-]	6.6	U	01/08/03
50-10131	MD50-03-49735	233	Gas	Xylene[1,3-]+Xylene[1,4-]	6.6	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Acetone	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Benzene	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Benzyl Chloride	7.2	UJ	01/08/03
50-10131	MD50-03-49736	260	Gas	Bromodichloromethane	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Bromoform	29	UJ	01/08/03
50-10131	MD50-03-49736	260	Gas	Bromomethane	7.2	UJ	01/08/03
50-10131	MD50-03-49736	260	Gas	Butadiene[1,3-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Butanol[1-]	72	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Butanone[2-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Carbon Disulfide	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Carbon Tetrachloride	99	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Chlorobenzene	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Chlorodibromomethane	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Chloroethane	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Chloroform	70	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Chloromethane	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Cyclohexane	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dibromoethane[1,2-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	7.3	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichlorobenzene[1,2-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichlorobenzene[1,3-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichlorobenzene[1,4-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichlorodifluoromethane	76	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloroethane[1,1-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloroethane[1,2-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloroethene[1,1-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloroethene[cis-1,2-]	13	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloroethene[trans-1,2-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloropropane[1,2-]	43	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloropropene[cis-1,3-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Dichloropropene[trans-1,3-]	7.2	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49736	260	Gas	Dioxane[1,4-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Ethanol	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Ethylbenzene	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Ethyltoluene[4-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Hexachlorobutadiene	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Hexane	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Hexanone[2-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Methanol	720	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Methyl tert-Butyl Ether	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Methyl-2-pentanone[4-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Methylene Chloride	26	None	01/08/03
50-10131	MD50-03-49736	260	Gas	n-Heptane	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Propanol[2-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Propylene	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Styrene	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Tetrachloroethane[1,1,2,2-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Tetrachloroethene	800	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Tetrahydrofuran	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Toluene	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	28	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Trichlorobenzene[1,2,4-]	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Trichloroethane[1,1,1-]	26	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Trichloroethane[1,1,2-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Trichloroethene	1900	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Trichlorofluoromethane	8.6	None	01/08/03
50-10131	MD50-03-49736	260	Gas	Trimethylbenzene[1,2,4-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Trimethylbenzene[1,3,5-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Vinyl acetate	29	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Vinyl Chloride	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Xylene[1,2-]	7.2	U	01/08/03
50-10131	MD50-03-49736	260	Gas	Xylene[1,3-]+Xylene[1,4-]	7.2	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Acetone	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Benzene	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Benzyl Chloride	3.4	UJ	01/08/03
50-10131	MD50-03-49737	315	Gas	Bromodichloromethane	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Bromoform	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Bromomethane	3.4	UJ	01/08/03
50-10131	MD50-03-49737	315	Gas	Butadiene[1,3-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Butanol[1-]	34	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Butanone[2-]	14	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49737	315	Gas	Carbon Disulfide	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Carbon Tetrachloride	67	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Chlorobenzene	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Chlorodibromomethane	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Chloroethane	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Chloroform	37	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Chloromethane	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Cyclohexane	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dibromoethane[1,2-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichlorobenzene[1,2-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichlorobenzene[1,3-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichlorobenzene[1,4-]	3.4	UJ	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichlorodifluoromethane	51	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloroethane[1,1-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloroethane[1,2-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloroethene[1,1-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloroethene[cis-1,2-]	7.2	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloroethene[trans-1,2-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloropropane[1,2-]	22	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloropropene[cis-1,3-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dichloropropene[trans-1,3-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Dioxane[1,4-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Ethanol	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Ethylbenzene	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Ethyltoluene[4-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Hexachlorobutadiene	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Hexane	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Hexanone[2-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Methanol	340	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Methyl tert-Butyl Ether	14	UJ	01/08/03
50-10131	MD50-03-49737	315	Gas	Methyl-2-pentanone[4-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Methylene Chloride	14	None	01/08/03
50-10131	MD50-03-49737	315	Gas	n-Heptane	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Propanol[2-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Propylene	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Styrene	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Tetrachloroethane[1,1,2,2-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Tetrachloroethene	450	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Tetrahydrofuran	14	U	01/08/03

Table E-7 (continued)

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (ppbv)	LANL Qualifier	Collection Date
50-10131	MD50-03-49737	315	Gas	Toluene	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Trichloro-1,2,2-trifluoroethane[1,1,2-]	14	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Trichlorobenzene[1,2,4-]	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Trichloroethane[1,1,1-]	15	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Trichloroethane[1,1,2-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Trichloroethene	1100	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Trichlorofluoromethane	5.6	None	01/08/03
50-10131	MD50-03-49737	315	Gas	Trimethylbenzene[1,2,4-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Trimethylbenzene[1,3,5-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Vinyl acetate	14	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Vinyl Chloride	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Xylene[1,2-]	3.4	U	01/08/03
50-10131	MD50-03-49737	315	Gas	Xylene[1,3-]+Xylene[1,4-]	3.4	U	01/08/03

Table E-8
MDA C Tritium Probe Data

Location ID	Sample ID	Depth (ft)	Field Matrix Code	Analyte	Result (pCi/mL)	LANL Qualifier	Collection Date
50-03-21464	MD50-03-49958	2.5	PA	Tritium	111	None	02/19/03
50-03-21465	MD50-03-49959	2.5	PA	Tritium	8.87	None	02/19/03
50-03-21466	MD50-03-49960	2.5	PA	Tritium	128	None	02/19/03
50-03-21467	MD50-03-49961	2.5	PA	Tritium	2500	None	02/19/03
50-03-21468	MD50-03-49962	2.5	PA	Tritium	36.2	None	02/19/03
50-03-21469	MD50-03-49963	2.5	PA	Tritium	90.5	None	02/19/03
50-03-21470	MD50-03-49964	2.5	PA	Tritium	84.2	None	02/19/03
50-03-21471	MD50-03-49965	2.5	PA	Tritium	246	None	02/19/03
50-03-21472	MD50-03-49966	2.5	PA	Tritium	1400	None	02/20/03
50-03-21473	MD50-03-49967	2.5	PA	Tritium	20.2	None	02/20/03
50-03-21474	MD50-03-49968	2.5	PA	Tritium	12.7	None	02/20/03
50-03-21475	MD50-03-49969	2.5	PA	Tritium	41	None	02/20/03
50-03-21476	MD50-03-49970	2.5	PA	Tritium	17.6	None	02/20/03
50-03-21477	MD50-03-49971	2.5	PA	Tritium	9.93	None	02/21/03
50-03-21478	MD50-03-49972	2.5	PA	Tritium	23.9	None	02/21/03

Table E-9
MDA C Rejected Data from Surface and Subsurface Samples

Request No.	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Qualifier	Explanation
946	0550-95-0075	50-09104	10.9–12.9	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0079	50-09104	26.3–28	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0083	50-09104	36.6–38.6	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0087	50-09104	58–60	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0095	50-09104	79–81	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0099	50-09104	85–87	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0083	50-09104	36.6–38.6	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0100	50-09100	32.7–33.7	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0101	50-09101	26.85–27.85	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0102	50-09101	44–45.1	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0103	50-09101	62.5–63.2	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0104	50-09103	46.5–47.82	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0105	50-09104	44.1–45.1	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0106	50-09105	62.1–63	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0107	50-09107	46.9–48.5	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0108	50-09107	66.2–67	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0109	50-09108	24.5–25.5	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0110	50-09108	44.9–45.9	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0111	50-09109	46–47	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0112	50-09109	66–67	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0113	50-09110	24.1–24.8	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0114	50-09110	48.5–49.5	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.

Table E-9 (continued)

Request No.	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Qualifier	Explanation
1834	0550-96-0100	50-09100	32.7–33.7	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0101	50-09101	26.85–27.85	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0102	50-09101	44–45.1	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0103	50-09101	62.5–63.2	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0104	50-09103	46.5–47.82	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0105	50-09104	44.1–45.1	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0106	50-09105	62.1–63	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0107	50-09107	46.9–48.5	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0108	50-09107	66.2–67	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0109	50-09108	24.5–25.5	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0110	50-09108	44.9–45.9	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0111	50-09109	46–47	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0112	50-09109	66–67	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0113	50-09110	24.1–24.8	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0114	50-09110	48.5–49.5	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
14845	AAA2768	50-08086	0–0.5	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2769	50-08088	0–0.6	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2770	50-08136	0–0.7	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2771	50-08138	0–0.8	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2772	50-08140	0–0.9	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2773	50-08142	0–0.10	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2774	50-08144	0–0.11	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2775	50-08346	0–0.12	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.

Table E-9 (continued)

Request No.	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Qualifier	Explanation
14845	AAA2776	50-08396	0–0.13	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2777	50-08446	0–0.14	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2778	50-08474	0–0.15	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2779	50-08494	0–0.16	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2797	50-08126	0–0.17	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2798	50-08134	0–0.18	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2799	50-08176	0–0.19	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2800	50-08180	0–0.20	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2802	50-08222	0–0.21	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2803	50-08224	0–0.22	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2805	50-08228	0–0.23	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3092	50-08240	0–0.24	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3094	50-08274	0–0.25	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3097	50-08324	0–0.26	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3098	50-08326	0–0.27	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3099	50-08328	0–0.28	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3190	50-08214	0–0.29	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3191	50-08216	0–0.30	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3192	50-08266	0–0.31	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3193	50-08312	0–0.32	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.

Appendix F

Regulatory History and Documents

APPENDIX F REGULATORY HISTORY AND DOCUMENTS

This appendix describes the regulatory history of potential release sites (PRSs) at Technical Area (TA)-50 at Los Alamos National Laboratory (LANL), a subset of which are addressed in this investigation work plan (IWP). It is necessary to present this information because TA-50 is comprised of a number of active and inactive waste management units and other PRSs, some of which are subject to corrective action and others of which are subject to other regulatory programs.

The operable unit (OU) 1147 Resource Conservation and Recovery Act (RCRA) field investigation (RFI) work plan included 26 PRSs in TA-50 (LANL 1992, 07672). One other PRS, C-50-001, was identified after the OU 1147 RFI work plan had been prepared. Most of the PRSs in TA-50 are associated with the radioactive liquid waste treatment facility (RLWTF). Table F-1 identifies PRSs associated with TA-50, provides brief PRS descriptions, and identifies the regulatory status of the sites, including the appropriate regulatory program for management and closure of the site. The PRSs listed in Table F-1 include both solid waste management units (SWMUs) and areas of concern (AOCs).

Of the PRSs listed in Table F-1, only material disposal area (MDA) C (SWMU 50-009) is address in this IWP. Many of the other PRSs have been administratively closed, requiring no further action (NFA), or will be closed under the regulatory programs identified in Table F-1. The remaining PRSs will be addressed in other corrective action documents. Some of the sites listed in Table F-1 for which NFA was recommended in the RFI work plan or RFI reports are active RCRA units. Approval of NFA for these sites indicates that they do not need to be addressed under the corrective action program, but actions may still be required under RCRA requirements for waste management units, including closure.

The process for investigating MDA C is described in the OU 1147 RFI Work Plan and has subsequently been modified by other documents. The chronology of these documents is presented below. This chronology also includes documents associated with disposition of other SWMUs and AOCs at TA-50.

1. September 9, 1992. The Environmental Protection Agency (EPA) issued a notice of deficiency (NOD) for the OU 1147 RFI Work Plan (Honker 1992, 42483).

2. October 5, 1992. EPA submitted a correction to the NOD for the OU 1147 RFI Work Plan indicating that site 50-003(d) should be added to the list of sites where EPA concurs that no further action is required (Honker 1992, 09957).

3. October 14, 1992. The Department of Energy Los Alamos Area Office (DOE-LAAO) submitted responses to the NOD for the OU 1147 RFI Work Plan to EPA (Bellows 1992, 10026.5).

4. November 30, 1992. EPA requested further clarification on responses to the NOD for the OU 1147 RFI Work Plan (Driscoll 1992, 75925).

5. February 18, 1993. The New Mexico Environment Department (NMED) submitted comments on the OU 1147 RFI Work Plan (NMED 1993, 75924).

6. March 15, 1993. DOE-LAAO submitted responses to additional comments to EPA on the NOD response for the OU 1147 RFI Work Plan (Vozella 1993, 21029; Bellows 1993, 21048).

7. April 6, 1993. EPA approved the OU 1147 RFI Work Plan with several modifications (Davis 1993, 27044). Work plan approval indicated EPA concurrence with no further action recommendations for sites 50-001(a) (wiped film evaporator and 100,000-gal. emergency holding tank subunits only), 50-001(b) (two waste line subunits only), 50-003(b), 50-003(c), 50-003(d), 50-003(e), 50-005, 50-006(b), and 50-006(e).

8. May 11, 1993. DOE-LAAO submitted proposed modifications to the OU 1147 RFI Work Plan to EPA. These modifications addressed surface and near-surface soil sampling methods, laboratory analyses, outfall sampling, and replicate sampling (Vozella 1993, 21228).

9. February 28, 1995. The Laboratory submitted proposed modifications to the OU 1147 RFI Work Plan for drilling at MDA C to EPA (LANL 1995, 45338).

10. May 19, 1995. EPA proposed an alternate approach to drilling at MDA C (Honker 1995, 47237).

11. July 7, 1995. EPA and the Laboratory met to discuss drilling methods proposed by EPA for MDA C (LANL 1995, 55111).

12. October 2, 1995. The Laboratory submitted proposed modifications to the OU 1147 RFI Work Plan for drilling at MDA C to EPA based on the July 7, 1995, meeting with EPA (LANL 1995, 49969).

13. October 13, 1995. The Laboratory submitted a RFI report for sites 50-006(a), 50-006(c), 50-007, and 50-008 to EPA (LANL 1995, 49925). This report recommended an interim action and further investigation for site 50-006(a) and no further action for sites 50-006(c), 50-007, and 50-008.

14. December 6, 1995. EPA responded to the Laboratory's proposed modifications to the OU 1147 RFI Work Plan for drilling at MDA C (Neleigh 1995, 55112).

15. March 1, 1996. The Laboratory submitted a RFI report for sites 50-004(a), 50-004(c), and 50-011(a) to EPA (LANL 1996, 54460). The RFI report recommended no further action for all three sites.

16. March 22, 1996. NMED submitted a NOD for the RFI Report for sites 50-006(a), 50-006(c), 50-007, and 50-008 (Garcia 1996, 53810).

17. May 9, 1996. The Laboratory submitted a response to the NOD for the RFI Report for sites 50-006(a), 50-006(c), 50-007, and 50-008 to NMED (Jansen and Taylor 1996, 54386).

18. August 19, 1996. NMED submitted a request for additional information for the RFI report for sites 50-006(a), 50-006(c), 50-007, and 50-008 (Hoditschek 1996, 75931).

19. August 19, 1996. NMED submitted a NOD for the RFI report for sites 50-004(a), 50-004(c), and 50-011(a) (Hoditschek 1996, 73905). The NOD requested additional information for sites 50-004(a) and 50-004(c) and indicated that the Laboratory could request a Class III permit modification to remove site 50-011(a) from the Hazardous and Solid Waste Amendments (HSWA) Module.

20. November 26, 1996. The Laboratory submitted a response to the NOD for the RFI report for PRSs 50-004(a), 50-004(c), and 50-011(a) to NMED (Jansen and Taylor 1996, 55168).

21. February 11, 1997. The Laboratory submitted a response to the request for additional information for the RFI Report for PRSs 50-006(a), 50-006(c), 50-007, and 50-008 to NMED (Jansen and Taylor 1997, 55445).

22. May 8, 1997. NMED submitted a request for additional information for the RFI report for PRSs 50-004(a), 50-004(c), and 50-011(a) (Dinwiddie 1997, 56370.1).

23. June 13, 1997. The Laboratory submitted a response to the request for additional information for the RFI Report for PRSs 50-004(a), 50-004(c), and 50-011(a) to NMED (Jansen and Taylor 1997, 56370).

24. July 17, 1997. The Laboratory submitted an interim action report for PRS 50-006(a) to DOE-LAAO (LANL 1997, 56299).

25. September 8, 1999. The Laboratory submitted a RFI report for PRS 50-003(a) to DOE-LAAO. This report recommended no further action for PRS 50-003(a) (LANL 1999, 63713).

26. September 15, 1999. The Laboratory submitted a RFI report for PRS 50-011(b) to DOE-LAAO. This report recommended no further action for PRS 50-011(b) (LANL 1999, 64013).

27. June 5, 2000. The Laboratory submitted a notification of pore gas sampling at MDA C (SWMU 50-009) to NMED (McInroy 2000, 66877).

28. June 29, 2000. The Laboratory submitted RFI reports for PRS 50-002(d) and PRS C-50-001 to DOE–LAAO. These reports recommended no further action for these two PRSs (LANL 2000, 67470).

29. August 7, 2000. The Laboratory submitted a Class I permit modification to NMED to remove seven SWMUs that are active RCRA units operating under interim status and one SWMU closed under interim status from the HSWA Module (Canepa and Taylor 2000, 68666). The seven active SWMUs included 50-001(a).

REFERENCES

Bellows, J., October 1992. “Response Letter to the Comments Regarding the Notice of Deficiency on the Resource Conservation and Recovery Act Facility Investigation (RFI) Work Plan for Operable Unit 1147,” Los Alamos, New Mexico. (Bellows 1992, 10026.5)

Bellows, J., March 1993. “Response to the Comments Made by EPA on Notice of Deficiency (NOD) on the RCRA Investigation for Operable Unit (OU) 1147,” Los Alamos, New Mexico. (Bellows 1993, 21048.5)

Canepa, J. A., and T.J. Taylor, August 2000. “Class I Permit Modification Request, No Further Action Proposals, August 2000,” Los Alamos, New Mexico. (Canepa and Taylor 2000, 68666)

Davis, A. M., April 1993. “RFI Work Plan for OU 1147, LANL NM 0890010515 Approval,” Los Alamos, New Mexico. (Davis 1993, 27044)

Dinwiddie, R. S., May 1997. “Request for Supplemental Information for the RCRA Facility Investigation (RFI) Report for Potential Release Sites (PRSs) in Technical Area 50, SWMUs 50-004(a–c), 50-001(a) at Los Alamos National Laboratory, NM0890010515,” Los Alamos, New Mexico. (Dinwiddie 1997, 56370.1)

Driscoll, B., November 1992. “US EPA Region Facsimile Request from Hazardous Waste Management Division Regarding Barbara Driscoll’s Overall Comments [SWMU 50-002(d)],” Los Alamos, New Mexico. (Driscoll 1992, 75925)

Garcia, B., March 1996. “Notice of Deficiency for RFI Report for Technical Area 50 Los Alamos National Laboratory (NM0890010515),” Los Alamos, New Mexico. (Garcia 1996, 53810)

Hoditschek, B., August 1996. “Request for Additional Information, RCRA Facility Investigation Report, Technical Area 50 (TA-50), LANL (NM0890010515),” Los Alamos, New Mexico. (Hoditschek 1996, 75931)

Hoditschek, B., August 1996. “Notice of Deficiency RCRA Facility Investigation Report, Technical Area 50, LANL NM0890010515,” Los Alamos, New Mexico. (Hoditschek 1996, 73905)

Honker, W. K., September 1992. “RFI Work Plan for OU 1147, Los Alamos National Laboratory/NM0890010515,” Los Alamos, New Mexico. (Honker 1992, 42483.3)

Honker, W. K., October 1992. “RFI Work Plan for OU 1079, Los Alamos National Laboratory NM0890010515 (Deficiency Notice),” Los Alamos, New Mexico. (Honker 1992, 09957)

Honker, W. K., May 1995. “Modification to the RFI Work Plan for Operable Unit 1147 Los Alamos National Laboratory NM0890010515,” Los Alamos, New Mexico. (Honker 1995, 47237)

Jansen, J., and T. Taylor, February 1995. “Modification to the Resource Conservation and Recovery Act Facility Investigation (RFI) Work Plan for Operable Unit (OU) 1147,” Los Alamos, New Mexico. (Jansen and Taylor 1995, 45338)

Jansen, J., and T. Taylor, October 1995. “Modification to the Resource Conservation and Recovery Act Facility Investigation (RFI) Work Plan for Operable Unit (OU) 1147 Los Alamos National Laboratory NM0890010515,” Los Alamos New Mexico. (Jansen and Taylor 1995, 49969)

Jansen, J., and T. Taylor, May 1996. “Response to Notice of Deficiency (NOD) for the Resource Conservation and Recovery Act Facility Investigation (RFI) Report, Technical Area (TA)-50 (Former Operable Unit 1147),” Los Alamos, New Mexico. (Jansen and Taylor 1996, 54386)

Jansen, J., and T. Taylor, November 1996. “Response to NOD for the RFI Report for TA-50 SWMUs 50-004 (a,c) and 50-001 (a), Former Operable Unit 1147,” Los Alamos, New Mexico. (Jansen and Taylor 1996, 55168)

Jansen, J., and T. Taylor, February 1997. “Response to Request for Additional Information for RFI Report on TA-50,” Los Alamos, New Mexico. (Jansen and Taylor 1997, 55445)

Jansen, J., and T. Taylor, June 1997. “Response to the Request for Supplemental Information to the NOD Response for RFI Report for PRSs 50-004 (a–c) and 50-011(a) in TA-50 (Former OU 1147),” Los Alamos, New Mexico. (Jansen and Taylor 1997, 56370.5)

LANL (Los Alamos National Laboratory), May 1992. “RFI Work Plan for Operable Unit 1147 Environmental Restoration Program,” Los Alamos National Laboratory document, LA-UR-92-969, Los Alamos, New Mexico. (LANL 1992, 07672)

LANL (Los Alamos National Laboratory), July 1995. “Meeting Summary: Material Disposal Area (MDA) C Discussion,” Los Alamos, New Mexico. (LANL 1995, 55111)

LANL (Los Alamos National Laboratory), September 1995. “RFI Report for Potential Release Sites 50-006(c), 50-007, 50-008, 50-006(a),” Los Alamos National Laboratory document LA-UR-95-2738, Los Alamos, New Mexico. (LANL 1995, 49925)

LANL (Los Alamos National Laboratory), February 1996. “RFI Report for Potential Release Sites at TA-50: 50-004(a), 50-004(c), 50-011(a),” Los Alamos National Laboratory document LA-UR-96-148, Los Alamos, New Mexico. (LANL 1996, 54460)

LANL (Los Alamos National Laboratory), July 1997. “Interim Action Report for Potential Release Site 50-006(a), TA-50, July 1997,” Los Alamos, New Mexico.

LANL (Los Alamos National Laboratory), September 1999. “Report for Potential Release Site 50-003(a) Container Storage Area, September 1999,” Los Alamos National Laboratory document LA-UR-99-4834, Los Alamos, New Mexico. (LANL 1999, 63713)

LANL (Los Alamos National Laboratory), September 1999. “Report for Potential Release Site 50-011(b) Wastewater System, September 1999,” Los Alamos National Laboratory document LA-UR-99-4968, Los Alamos, New Mexico. (LANL 1999, 64013)

LANL (Los Alamos National Laboratory), June 2000. “RFI Report Recommending No Further Action for PRSs 50-002(d) and C-50-001,” Los Alamos, New Mexico. (LANL 2000, 67470)

McInroy, D., June 2000. “Notification for Pore-Gas Monitoring at Technical Area 50 (TA-50), Material Disposal Area C (MDA-C) Potential Release Site (PRS) 50-009,” Los Alamos, New Mexico. (McInroy 2000, 66877)

Neleigh, D. W., December 1995. “Modification Request for Operable Unit 1147 Los Alamos National Laboratory (NM0890010515),” Los Alamos, New Mexico. (Neleigh 1995, 55112)

NMED (New Mexico Environment Department), February 1993. “Review of LANL’s May 1992 RCRA Facility Investigation (RFI) Work Plan for Operable Unit (OU) 1147,” Santa Fe, New Mexico. (NMED 1993, 75924)

Vozella, J. C., March 1993. “Comments on Notice of Deficiency (NOD) on Resource Conservation and Recovery Act Investigation (RFI) Work Plan for Operable Unit (OU) 1147,” Los Alamos, New Mexico. (Vozella 1993, 21029)

Vozella, J. C., May 1993. “Proposed Changes to OU 1147 Facility Investigation Work Plan,” Los Alamos, New Mexico. (Vozella 1993, 21228)

Table F-1
Status of Solid Waste Management Units and Areas of Concern at TA-50

Site Number	Unit Type	HSWA PRS (Y/N)	Active Waste Management Areas (Y/N)	Regulatory Status
Radioactive Waste Treatment Plant				
50-001(a)	Active radioactive liquid waste treatment facilities (RLWTF)	Y	Y	Two subunits (a wiped-film evaporator and a 100,000-gallon emergency holding tank) were recommended for no further action (NFA) in the OU 1147 RFI Work Plan and approved by EPA. The RLWTF contains an interim status mixed waste treatment unit that will be permitted in the next revision to LANL's hazardous waste facility permit and ultimately closed under RCRA. A Class I Permit modification was submitted to NMED to remove SWMU 50-001(a) from Module VIII.
50-001(b)	Active waste lines and manholes	N	Y	Two waste lines were recommended for NFA in the OU 1147 RFI Work Plan and approved by EPA. The remainder of the site is being addressed under corrective action.
C-50-001	Former location of polychlorinated biphenyl (PCB) transformer	N	N	Site was cleaned up in accordance with Toxic Substances Control Act (TSCA) requirements. Site was recommended for NFA in RFI report submitted to DOE.
Tanks and Drainlines				
50-002(a)	Vault containing active radioactive waste process tanks and waste transfer lines	Y	Y	Site is being addressed under corrective action.
50-002(b)	Active radioactive waste tank in underground vault	Y	Y	Site is being addressed under corrective action.
50-002(c)	Active radioactive waste tank in underground vault	Y	Y	Site is being addressed under corrective action.
50-002(d)	Inactive above-ground nitric acid storage tank	N	N	Site is being addressed under corrective action. Site was recommended for NFA in RFI report submitted to DOE.
Waste Storage Areas				
50-003(a)	Active mixed waste container storage area	N	Y	Site is an interim status mixed waste storage unit that will be permitted in the next revision to LANL's hazardous waste facility permit and ultimately closed under RCRA. Site was recommended for NFA in RFI report submitted to DOE.

Table F-1 (continued)

PRS Number	Unit Type	HSWA PRS (Y/N)	Active Waste Management Areas (Y/N)	Regulatory Status
50-003(b)	Active satellite accumulation area	N	Y	Recommended for NFA in OU 1147 RFI Work Plan and approved by EPA.
50-003(c)	Inactive less-than-90-day storage area	N	N	Recommended for NFA in OU 1147 RFI Work Plan and approved by EPA.
50-003(d)	Active hazardous and mixed waste container storage area	N	Y	Site is a permitted hazardous waste storage unit and interim status mixed waste storage unit that will be permitted for mixed waste storage in the next revision to LANL's hazardous waste facility permit. Site will ultimately be closed under RCRA. Recommended for NFA in OU 1147 RFI Work Plan and approved by EPA.
50-003(e)	Inactive drum storage area	N	N	Recommended for NFA in OU 1147 RFI Work Plan and approved by EPA.
Decommissioned Tanks and Drainlines				
50-004(a)	Decommissioned radioactive waste line	Y	N	Site is being addressed under corrective action. Site was recommended for NFA in RFI report submitted to EPA.
50-004(b)	Decommissioned vault and waste tanks	Y	N	Site is being addressed under corrective action.
50-004(c)	Decommissioned radioactive waste lines	Y	N	Site is being addressed under corrective action. Site was recommended for NFA in RFI report submitted to EPA.
Nonradioactive Liquid Waste Treatment Plant				
50-005	Batch nonradioactive waste treatment unit	N	N	Site underwent RCRA closure in 1994; no further action is required. Recommended for NFA in OU 1147 RFI Work Plan and approved by EPA.
Operational Releas				
50-006(a)	Operational releases from liquid radioactive waste overflow	Y	N	Site is being addressed under corrective action. RFI recommended additional investigation and interim action to remove contaminated soil from Ten Site Canyon. Interim action completed.
50-006(b)	Operational release from radiator at former incinerator	N	N	Recommended for NFA in OU 1147 RFI Work Plan and approved by EPA.
50-006(c)	Operational release from stacks	Y	N	Site is being addressed under corrective action. Site was recommended for NFA in RFI report submitted to EPA.

Table F-1 (continued)

PRS Number	Unit Type	HSWA PRS (Y/N)	Active Waste Management Areas (Y/N)	Regulatory Status
50-006(d)	Active National Pollutant Discharge Elimination System-permitted outfall and drainline	Y	Y	Site is being addressed under corrective action.
50-006(e)	Release from aboveground diesel tank	N	N	Recommended for NFA in OU 1147 RFI Work Plan and approved by EPA.
50-007	Former incinerator facility including incinerator and container storage areas	N	Y	Incinerator was included in LANL's hazardous waste facility operating permit and underwent RCRA closure in 1998. Container storage areas are used to store mixed waste under interim status and will be closed under RCRA rather than permitted. Site was recommended for NFA in RFI report submitted to EPA.
Volume Reduction Facility				
50-008	Active volume reduction facility for transuranic (TRU) metallic waste	N	Y	Site contains interim status mixed waste storage unit that will be permitted for mixed waste storage in the next revision to LANL's hazardous waste facility permit and ultimately closed under RCRA. Site was recommended for NFA in RFI report submitted to EPA/NMED.
Material Disposal Area (MDA) C				
50-009	Inactive radioactive and mixed waste disposal area	Y	N	Site is being addressed under corrective action.
Radioactive Decontamination Facility				
50-010	Inactive vehicle decontamination area	N	N	Site is being addressed under corrective action.
Sanitary Sewer System				
50-011(a)	Decommissioned septic system	Y	N	Site is being addressed under corrective action. Site was recommended for NFA in RFI report submitted to EPA. NFA recommendation approved by NMED.
50-011(b)	Active sanitary waste system (lift stations)	N	Y	Site is being addressed under corrective action. Site was recommended for NFA in RFI report submitted to DOE.

Appendix G

Ecological Scoping Checklist
and 2002 Surface Water Assessment

APPENDIX G ECOLOGICAL SCOPING CHECKLIST AND 2002 SURFACE WATER ASSESSMENT

G-1.0 ECOLOGICAL SCOPING CHECKLIST

G-1.1 Part A—Scoping Meeting Documentation

Site ID	**MDA C, SWMU 50-009**
Form of site releases (solid, liquid, vapor). Describe all relevant known or suspected mechanisms of release (spills, dumping, material disposal, outfall, explosive testing, etc.) and describe potential areas of release. Reference locations on a map as appropriate.	Material Disposal Area (MDA) C was operational from May 1948 to April 1974 but received waste only intermittently from 1968 to 1974, at which point it was decommissioned. MDA C was used for disposal of classified wastes, inorganic chemicals, hazardous chemicals, and radionuclides, and decommissioned in 1974. The MDA consists of 7 inactive pits and 108 inactive shafts, which are collectively identified as SWMU 50-009. Most of the pits and shafts were unlined; a few shafts (in Shaft Group 3) were lined with concrete. After each pit or shaft was filled to capacity with waste, it was backfilled to ground level with crushed tuff. As part of cover maintenance in 1984, most of MDA C was covered with approximately 1.5 ft of crushed tuff, and approximately 0.5 to 3 ft of topsoil was placed over the crushed tuff. Elevated concentrations of a few chemicals of potential concern (COPCs) exist in subsurface tuff, and these COPCs most likely result from infiltration of moisture and leaching of materials originally disposed in subsurface pits or shafts.
List of Primary Impacted Media **(Indicate all that apply.)**	**Surface soil –** N/A* **Surface water/sediment –** N/A **Subsurface –** Yes **Groundwater –** N/A **Other, explain –** none
FIMAD vegetation class based on Arcview vegetation coverage **(Indicate all that apply.)**	**Water** – N/A **Bare Ground/Unvegetated** – N/A **Spruce/fir/aspen/mixed conifer** – N/A **Ponderosa pine –** Applicable **Piñon juniper/juniper savannah** – Applicable **Grassland/shrubland** – Applicable **Developed** – Applicable
Is T&E Habitat Present? **If applicable, list species known or suspected to use the site for breeding or foraging.**	PRS location information maintained by the FIMAD was intersected with threatened and endangered (T&E) species habitat using GIS databases. MDA C (SWMU 50-009) is in potential Mexican spotted owl core habitat and 6.1 miles from potential bald eagle habitat. The Mexican spotted owl can be conservatively assumed to forage at a high frequency at this site. The bald eagle can be conservatively assumed to forage at a low frequency at MDA C.
Provide list, of Neighboring/ Contiguous/ Upgradient sites, includes a brief summary of COPCs and the form of releases for relevant sites and reference a map as appropriate. **(Use this information to evaluate the need to aggregate sites for screening.)**	Technical Area (TA)-50 borders the site to the north at the head of Ten Site Canyon. Known releases from TA-50 include radionuclide-contaminated liquids from burst pipes [PRS 50-001(b)] and from drain water from the radioactive liquid waste treatment plant [PRS 50-001(a)] into the head of the canyon.
Surface Water Erosion Potential Information **Summarize information from SOP 2.01, including the run-off subscore (maximum of 46); terminal point of surface water transport; slope; and surface water runon sources.**	The south half of the site is relatively flat with a gradual slope to the north of 10–15%. The total score for the surface water assessment erosion matrix for SWMU 50-009 is 8.8 with best management practices (BMPs) in place. The surface water run-off and run-on subscores are both zero.
Other Scoping Meeting Notes	None.

*N/A = Not applicable.

G-1.2 Part B—Site Visit Documentation

Site ID	**MDA C, SWMU 50-009**
Dates of Site Visit	29 August and 22 October 2002
Site Visits Conducted by	James Markwiese, Randall Ryti (8-29-02 only), Becky Coel-Roback (10-22-02 only)

Receptor Information

Estimate cover	**Relative vegetative cover (high, medium, low, none)** = high **Relative wetland cover (high, medium, low, none)** = none **Relative structures/asphalt, etc. cover (high, medium, low, none)** = none
Field notes on the FIMAD vegetation class to assist in ground-truthing the Arcview information	The undeveloped mesa top constituting SWMU 50-009 occurs in the transition zone between piñon-juniper woodland and ponderosa pine (*Pinus ponderosa*) forest. Grasses and forbs, including blue gramma (*Bouteloua gracilis*), sage (*Artemesia* spp.) and chamisa (*Chrysothamnus* sp), represent most ground cover. Overstory vegetation is primarily characterized by small (0.5–1.5 m), scattered ponderosa pines and a few one-seed junipers (*Juniperus monosperma*).
Field notes on T&E Habitat, if applicable. Consider the need for a site visit by a T&E subject matter expert to support the use of the site by T&E receptors.	A lack of large trees onsite obviates roosting habitat for the Mexican spotted owl.
Are ecological receptors present at the site? **(yes/no/uncertain)** **Describe the general types of receptors present at the site (terrestrial and aquatic), and make notes on the quality of habitat present at the site.**	Yes. Scoping activities revealed abundant invertebrates, reptiles, birds and plant life. Numerous examples of mammalian site use (burrow entrances and burrow spoils) were evident as well. No aquatic community exists onsite.

Contaminant Transport Information

Surface water transport **Field notes on the erosion potential, including a discussion of the terminal point of surface water transport (if applicable).**	Based on the surface water erosion assessment (SOP 2.01), there is low potential for surface water transport and no evidence of run-off discharging from the site. A anthropogenic asphalt diversion channel is present on the northern end of the PRS.
Are there any off-site transport pathways (surface water, air, or groundwater)? **(yes/no/uncertain)** **Provide explanation**	Yes. Air may be a potential transport mechanism for volatile chemicals emanating from the subsurface at SWMU 50-009. Biotic transport (contaminated plant and/or animal material) may also act to move contaminants to offsite areas.
Interim action needed to limit off-site transport? **(yes/no/uncertain)** **Provide explanation/ recommendation to project lead for IA SMDP.**	An apparent subsidence hole around the northern perimeter of pit 6 was observed on the 8-29-02 site visit. Interim actions have addressed this problem and no other actions are proposed to limit off-site transport.

Ecological Effects Information

Physical Disturbance **(Provide list of major types of disturbances, including erosion and construction activities, review historical aerial photos where appropriate.)**	Signs of disturbance in the northeast corner of the site around the former chemical pit. Bare areas overlay transect of shafts running N-S at approximately the middle of the site. The entire site was mowed several days before the 10-22-02 site visit, and grasses and shrubs were reduced to <10 cm in height. A few dozen ponderosa pines and several junipers were still standing at this time.
Are there obvious ecological effects? **(yes/no/uncertain)** **Provide explanation and apparent cause (e.g., contamination, physical disturbance, other).**	Yes. While there are no obvious signs of contaminants having overt effects, the site was recently heavily disturbed from site maintenance (mowing) activities.
Interim action needed to limit apparent ecological effects? **(yes/no/uncertain)** **Provide explanation and recommendations to mitigate apparent exposure pathways to project lead for IA SMDP.**	No

No Exposure/Transport Pathways

If there are no complete exposure pathways to ecological receptors onsite and no transport pathways to offsite receptors, the remainder of the checklist should not be completed. Stop here and provide additional explanation/justification for proposing an ecological No Further Action recommendation (if needed). At a minimum, the potential for future transport should include likelihood that future construction activities could make contamination more available for exposure or transport. Not applicable

Adequacy of Site Characterization

Do existing or proposed data provide information on the nature, rate and extent of contamination? **(yes/no/uncertain)** **Provide explanation** **(Consider if the maximum value was captured by existing sample data.)**	Yes. Some contaminants may have moved from the subsurface to the surface (burrow spoils and ant mounds) or may be entering the biota from the subsurface (root uptake) and possibly entering the food web (e.g., animal ingestion of plant material that is potentially contaminated with radionuclides) although this has not been verified at MDA C. Additional information is also needed on near-surface tritium concentrations in air.
Do existing or proposed data for the site address potential transport pathways of site contamination? **(yes/no/uncertain)** **Provide explanation** **(Consider if other sites should be aggregated to characterize potential ecological risk.)**	Yes. The existing soil data and proposed sampling and analysis activities for tritium in air and radionuclides in biotic matrices (i.e., plants and burrow spoils/ant mounds) will provide sufficient information to address potential transport pathways.

Additional Field Notes

Provide additional field notes on the site setting and potential ecological receptors.

The mesa top of MDA C is fenced off from surrounding areas and covered with bare ground and patches of grass/shrubs with a few small trees scattered about the eastern portion of the site. The trees are small (0.5–1.5 m), ponderosa pines and a few one-seed junipers. Grasses and forbs, including blue gramma, sage and chamisa, represent most ground cover.

Abundant signs of fossorial activity exist onsite. In addition, material noted in harvester ant mounds (*Pogonomyrmex* spp) and other ant mounds indicate that subsurface material has been transported to the surface. Numerous lizards were observed and evidence of site use by larger mammals (coyote scat) was found. Soil biological crust observed on patches of bare earth.

At the time of the most recent ecoscoping visit, the predominant site vegetation (grasses and forbs) was impacted site maintenance activities. Grasses and shrubs were cropped close to the surface (<10 cm in height) from mowing, although the small trees scattered about the site were left standing. Burrows were disturbed as result of mowing and ant mounds were disturbed at the time of the visit.

G-1.3 Part C—Ecological Pathways Conceptual Exposure Model

Provide answers to Questions A to V to develop the Ecological Pathways Conceptual Exposure Model

Question A:

Could soil contaminants reach receptors via vapors?

- **Volatility of the hazardous substance (volatile chemicals generally have Henry's Law constant >10^{-5} atm-m^3/mol and molecular weight <200 g/mol).**

Answer (likely/unlikely/uncertain): Likely.

Provide explanation:

Gas-flux samples were collected over the surface of MDA C. Of the 39 organic chemicals analyzed in the flux samples, eight were detected at least one time. The most frequently detected and most concentrated volatile organic compounds (VOCs) at the surface were tetrachloroethene, trichloroethene and uncharacterized aliphatic hydrocarbons. At depth (in pore gas), tetrachloroethene and trichloroethene were detected most frequently and at the highest concentrations. Tritium, although not a VOC, is suspected to be in flux from the ground to the atmosphere.

Question B:

Could the soil contaminants reach receptors through fugitive dust carried in air?

- **Soil contamination would have to be on the actual surface of the soil to become available for dust.**
- **In the case of dust exposures to burrowing animals, the contamination would have to occur in the depth interval where these burrows occur.**

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Potential for dust entrainment on the mesa top is kept negligible by rooted vegetation and clippings of grass/shrub left in place following recent mowing event. The vegetation clippings form a matted cover over the soil.

Question C:

Can contaminated soil be transported to aquatic ecological communities (use SOP 2.01 run-off score and terminal point of surface water runoff to help answer this question)?

- **If the SOP 2.01 run-off score* for each PRS included in the site is equal to zero, this suggests that erosion at the site is not a transport pathway. (* Note that the runoff score is not the entire erosion potential score; rather it is a subtotal of this score with a maximum value of 46 points.)**
- **If erosion is a transport pathway, evaluate the terminal point to see if aquatic receptors could be affected by contamination from this site.**

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Downgradient transport (e.g., into Ten Site Canyon) is unlikely because residual contamination occurs in the subsurface and because the potential for offsite transport from erosion is negligible. In addition, Ten Site Canyon has no perennial water and, therefore, no aquatic communities. Consequently, no aquatic receptors immediately downgradient would be affected by contamination from this site.

Question D:

Is contaminated groundwater potentially available to biological receptors through seeps or springs or shallow groundwater?

- **Known or suspected presence of contaminants in groundwater.**
- **The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.**
- **Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).**
- **Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.**

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: No surface water exists on the mesa top, and no springs or seeps exist in Ten Site Canyon. Currently no complete pathway to the regional aquifer (ca. 1200 ft, 360 m) exists from the disposal shafts and pits.

Question E:

Is infiltration/percolation from contaminated subsurface material a viable transport and exposure pathway?

- **Suspected ability of contaminants to migrate to groundwater.**
- **The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.**
- **Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).**
- **Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.**

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Contaminants are unlikely to migrate to the regional aquifer given the depth to groundwater. The absence of any significant hydraulic driver (e.g., no ponded water on the surface) facilitating infiltration also mitigates the potential for contaminants reaching groundwater.

Question F:

Might erosion or mass wasting events be a potential release mechanism for contaminants from subsurface materials or perched aquifers to the surface?

- **This question is only applicable to release sites located on or near the mesa edge.**
- **Consider the erodability of surficial material and the geologic processes of canyon/mesa edges.**

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Surface contamination appears to be minimal across the site. Onsite wastes are buried in the subsurface in pits and shafts. These subsurface disposal areas are located close in approximately the eastern central portion of the site, away from canyon walls. Mass-wasting events are rare on an ecological time scale. For a temporal reference, many of the Anasazi Indian cliff dwellings in the area, each 800–1200 yr old, are still intact despite being in soft tuffaceous material at the edge of cliffs. Ecological time scales are measured by generation (a species-specific measure) and biogeographic changes in populations. The former are relatively short, 10–15 yr for a long-lived organism like an elk, while the latter are often multigenerational but often less than 1000 yr for even the longest-lived organisms, e.g., ponderosa pine. Thus, mass-wasting events of significant proportion occur on a frequency of less than what is observed for biogeographic changes in some of the longest-lived organisms. No direct pathways for mass wasting into a surface water body exist.

Question G:

Could airborne contaminants interact with receptors through respiration of vapors?

- **Contaminants must be present as volatiles in the air.**
- **Consider the importance of inhalation of vapors for burrowing animals.**
- **Foliar uptake of organic vapors is typically not a significant exposure pathway**.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 2

Terrestrial Animals: 3

Provide explanation: Plant roots may be exposed to volatile organic chemicals. However, vapor-phase phytotoxicity testing has only recently received attention (Kapustka et al. 2003) and uncertainties between laboratory test results and field exposures as well as basic data gaps presently preclude assessing ecological effects that might result from this exposure pathway.

The effects and the natural environmental processes that may contribute to volatiles exposure (VOCs and tritium) in organisms are not well understood. For example, the amount of vapors reaching receptors is dependent on multiple atmospheric processes such as temperature, airborne moisture, wind speed and direction, and atmospheric dilution. Biota attributes, such as anatomical and physiological characteristics and behavioral and reproductive phonologies may also complicate assessment of exposure to volatiles under natural conditions. Among all potential receptors, ground-dwelling organisms are likely the most vulnerable because of their intimate contact with vapors in the subsurface. In particular, ground-burrowing rodents will likely encounter vapors in the soil at higher concentrations than most other receptors. It is likely that the period of time when these animals are most vulnerable is when they are in burrows rearing young.

Question H:

Could airborne contaminants interact with plants through deposition of particulates or with animals through inhalation of fugitive dust?

- **Contaminants must be present as particulates in the air or as dust for this exposure pathway to be complete.**
- **Exposure via inhalation of fugitive dust is particularly applicable to ground-dwelling species that would be exposed to dust disturbed by their foraging or burrowing activities or by wind movement**.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: Entrainment of fugitive dust is expected to be minimal because of the fairly complete vegetative cover on the site soils. The dust that may be stirred up should not be a risk driver because preliminary site data indicate that surface soil contamination is minor.

Question I:

Could contaminants interact with plants through root uptake or rain splash from surficial soils?

- **Contaminants in bulk soil may partition into soil solution, making them available to roots.**
- **Exposure of terrestrial plants to contaminants present in particulates deposited on leaf and stem surfaces by rain striking contaminated soils (i.e., rain splash).**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 3

Provide explanation: Root uptake is likely to influence the load of contaminants that are acquired by plants. Deeply rooted plants, such as ponderosa pine, may penetrate waste cells where capping soils are less than 3 m deep. Consequently, root uptake can be considered as a major pathway. Relatively low concentrations of COPCs were measured in surface soil samples; thus, rain splash is expected to be a minor pathway.

Question J:

Could contaminants interact with receptors through food web transport from surficial soils?

- **The chemicals may bioaccumulate in animals.**
- **Animals may ingest contaminated food items.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 2

Provide explanation: Some of the volatile contaminants in mesa-top soils, such as polychlorinated biphenyls (PCBs), are considered persistent bioaccumulators. Chemicals such as this may bioaccumulate in animals. Plants onsite may take up heavy metals and radionuclides. Animals eating plants could receive an exposure dose through this dietary pathway. However, the concentration of bioaccumulative chemicals is fairly low in surface soil, thus precluding this as a major pathway.

Question K:

Could contaminants interact with receptors via incidental ingestion of surficial soils?

- **Incidental ingestion of contaminated soil could occur while animals grub for food resident in the soil, feed on plant matter covered with contaminated soil or while grooming themselves clean of soil.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 3

Provide explanation: At MDA C, surface soil contamination is minor. Fossorial animals will come into contact with subsurface contaminants, however, and will likely ingest soil as a result of digging activities. In addition, these burrow spoils (as well as ant mounds) may result in contaminated subsurface soil being transported to the surface.

Question L:

Could contaminants interact with receptors through dermal contact with surficial soils?

- **Significant exposure via dermal contact would generally be limited to organic contaminants that are lipophilic and can cross epidermal barriers.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 1

Provide explanation: Because there are contaminants in the surface soils at MDA C, terrestrial animals will make some dermal contact. However, this is a far less important pathway than dietary uptake, since the pelage of mammals, the scales of reptiles, the exoskeletons/exoderms of invertebrates, and the feathers of birds offer substantial protection from dust and water penetration to the skin.

Question M:

Could contaminants interact with plants or animals through external irradiation?

- **External irradiation effects are most relevant for gamma emitting radionuclides.**
- **Burial of contamination attenuates radiological exposure.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: The potential for external irradiation from gamma-emitting radionuclides is low because wastes are buried below the surface and contamination of surface soils is fairly minor.

Question N:

Could contaminants interact with plants through direct uptake from water and sediment or sediment rain splash?

- **Contaminants may be taken-up by terrestrial plants whose roots are in contact with surface waters.**
- **Terrestrial plants may be exposed to particulates deposited on leaf and stem surfaces by rain striking contaminated sediments (i.e., rain splash) in an area that is only periodically inundated with water.**
- **Contaminants in sediment may partition into soil solution, making them available to roots.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question O:

Could contaminants interact with receptors through food web transport from water and sediment?

- **The chemicals may bioconcentrate in food items.**
- **Animals may ingest contaminated food items.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question P:

Could contaminants interact with receptors via ingestion of water and suspended sediments?

- **If sediments are present in an area that is only periodically inundated with water, terrestrial receptors may incidentally ingest sediments.**
- **Terrestrial receptors may ingest water-borne contaminants if contaminated surface waters are used as a drinking water source.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question Q:

Could contaminants interact with receptors through dermal contact with water and sediment?

- **If sediments are present in an area that is only periodically inundated with water, terrestrial species may be dermally exposed during dry periods.**
- **Terrestrial organisms may be dermally exposed to water-borne contaminants as a result of wading or swimming in contaminated waters.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question R:

Could contaminants interact with plants or animals through external irradiation?

- **External irradiation effects are most relevant for gamma emitting radionuclides.**
- **Burial of contamination attenuates radiological exposure.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 0

Terrestrial Animals: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question S:

Could contaminants bioconcentrate in free-floating aquatic, attached aquatic plants, or emergent vegetation?

- **Aquatic plants are in direct contact with water.**
- **Contaminants in sediment may partition into pore water, making them available to submerged roots.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Plants/Emergent Vegetation: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question T:

Could contaminants bioconcentrate in sedimentary or water column organisms?

- **Aquatic receptors may actively or incidentally ingest sediment while foraging.**
- **Aquatic receptors may be directly exposed to contaminated sediments or may be exposed to contaminants through osmotic exchange, respiration, or ventilation of sediment pore waters.**
- **Aquatic receptors may be exposed through osmotic exchange, respiration, or ventilation of surface waters.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question U:

Could contaminants bioaccumulate in sedimentary or water column organisms?

- **Lipophillic organic contaminants and some metals may concentrate in an organism's tissues**
- **Ingestion of contaminated food items may result in contaminant bioaccumulation through the food web.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

Question V:

Could contaminants interact with aquatic plants or animals through external irradiation?

- **External irradiation effects are most relevant for gamma emitting radionuclides.**
- **The water column acts to absorb radiation, thus external irradiation is typically more important for sediment dwelling organisms.**

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

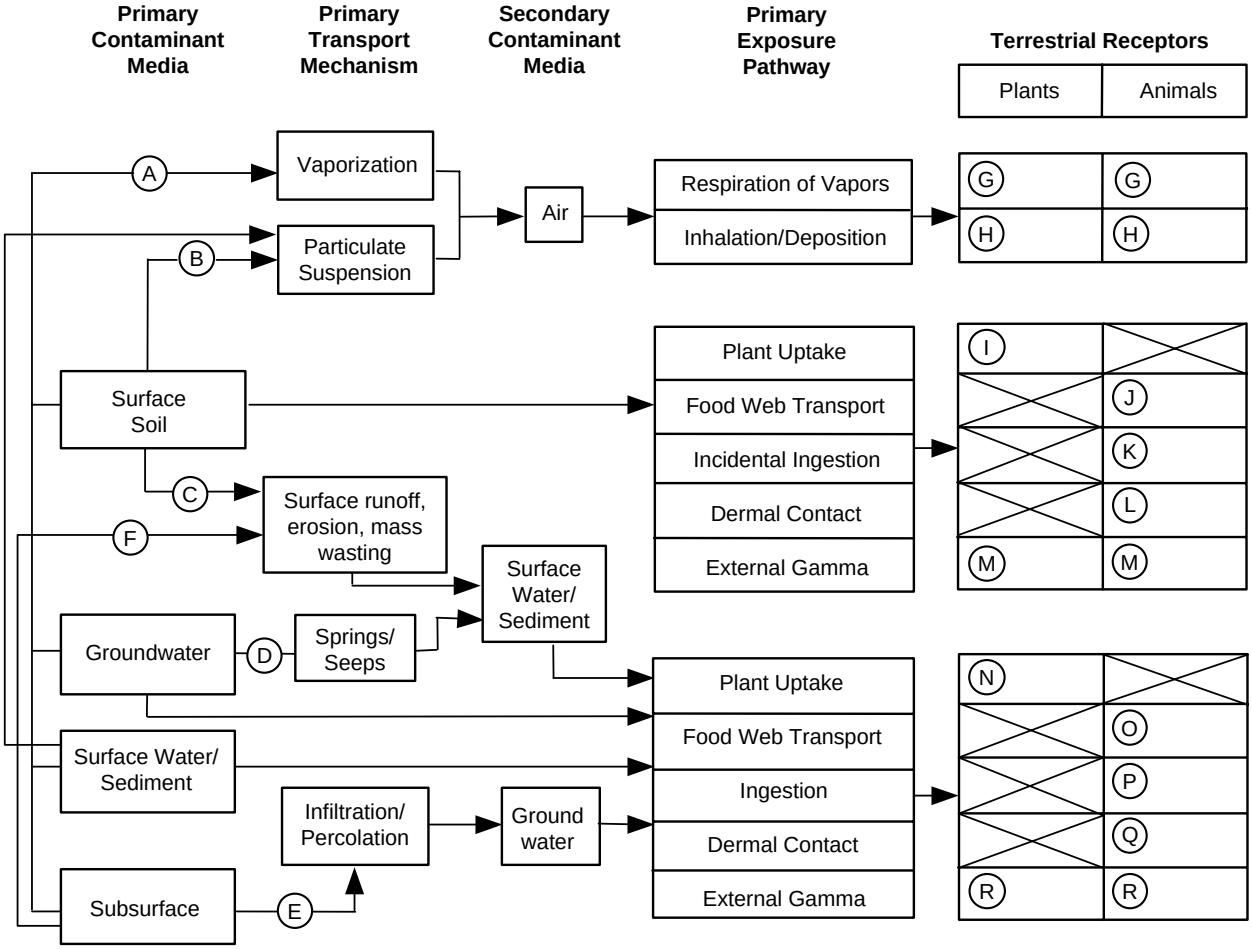
Aquatic Plants: 0

Aquatic Animals: 0

Provide explanation: There are no aquatic environments onsite and no pathways to aquatic environments located offsite.

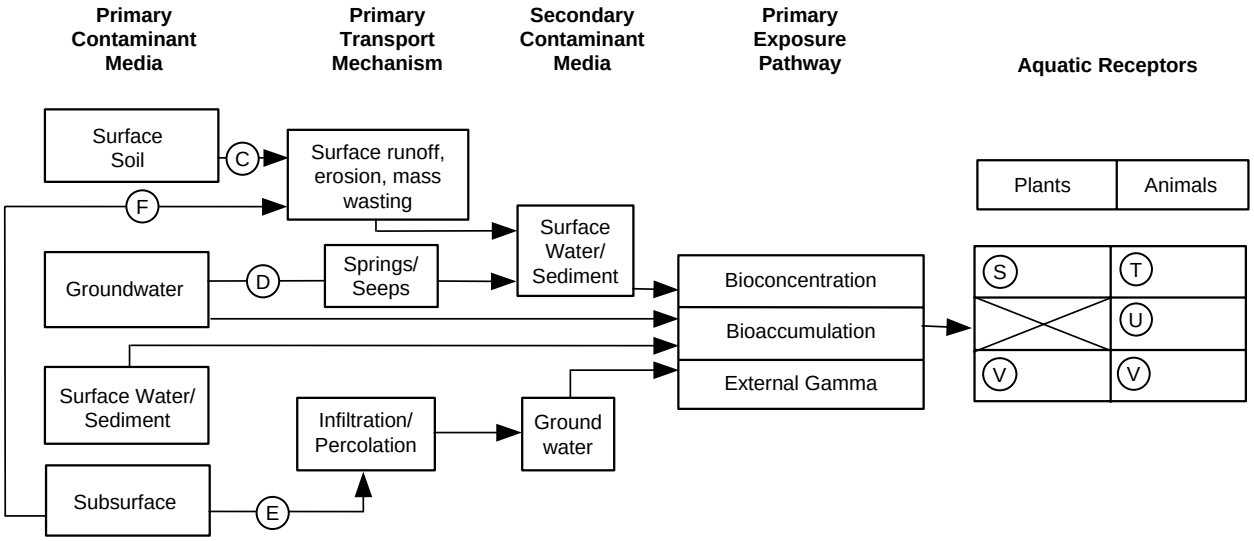
Ecological Scoping Checklist
Terrestrial Receptors
Ecological Pathways Conceptual Exposure Model

NOTE:
Letters in circles refer to questions on the Scoping Checklist



Ecological Scoping Checklist
Aquatic Receptors
Ecological Pathways Conceptual Exposure Model

NOTE:
Letters in circles refer to questions on the Scoping Checklist



Signatures and certifications:

Checklist completed by (provide name, organization and phone number):

Name (printed):	James T. Markwiese
Name (signature):	
Organization:	Neptune and Company, Inc.
Phone number:	505.662.0707, ext 24
Date completed:	

Verification by a member of ER Project Ecological Risk Task Team (provide name, organization and phone number):

Name (printed):	Richard Mirenda
Name (signature):	
Organization:	Los Alamos National Laboratory
Phone number:	505.665.6953

Los Alamos National Laboratory

Environment, Safety & Health Division
ESH-18 Water Quality & Hydrology Group

Surface Water Assessment
Erosion Matrix for PRS 50-009

CRITERIA EVALUATED	Value	Erosion/Sediment Transport Potential Low 0.1	Medium 0.5	High 1.0	Calculated Score
Site Setting (43)					
On mesa top	1	Defined based on topographic setting			1.0
Within bench of canyon	4				
Within the canyon floodplain but not watercourse	13				
Within bottom of canyon channel in watercourse	17				
Estimated % ground and canopy cover	13	>75%	25-75%	<25%	1.3
Slope	13	0-10%	10-30%	>30%	6.5
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			0.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	0.0
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	0.0
		If no, score as 0. If yes, calculate as appropriate.			
Surface Water Factors-Run-on (11)					
Structures adversely affecting run-on (Yes/No)	7*	If yes, score as 7. If no, score as 0.			0.0
Current operations adversely impacting (Yes/No)	4	If yes, score as 4. If no, score as 0.			0.0
Natural drainages onto site (Yes/No)	7*	If yes, score as 7. If no, score as 0.			0.0
**Select either structures or natural drainages.*					
MAX. POSSIBLE EROSION MATRIX SCORE:	**100**			**Total Score**	8.8**

REVISED PART B

** Indicates BMPs in place. Erosion potential without BMPs may be greater.

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Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

Part B: page 2 of 4

Revised Part B. Please discard previous.

SITE INFORMATION

1a) PRS Number 50-009 **1b) Structure Number** 50-1 **1c) FMU Number** 84

2. Date/Time (M/D/Y H:M am/pm) 11/20/2002

SITE SETTING (check all that apply)

3. (●) **On mesa top (a).** ( ) **In the canyon floor, but not in an established channel (c).**
( ) **Within a bench of a canyon (b).** ( ) **Within established channel in the canyon floor (d).**

Explanation: MDA- C is located on a mesa top on the north side of Pajarito Rd. within a controlled fenced area.

4. Estimated ground and/or canopy cover at site: (deciduous leaves, pine needles, rocks, vegetation, trees, structures, asphalt, etc.)

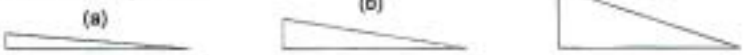
(illustration) (a) (b) (c)

Estimated % of ground/canopy cover: ( ) 0% to 25% ( ) 25% to 75% (●) 75% to 100

Explanation: Vegetation throughout PRS is well established consisting of various grasses, forbs, and shrubs.

5. Steepest slope at the area impacted:

(a) (b) (c)



( ) Less than 10% (●) 10% to 30% ( ) 30% and greater

Explanation: MDA-C is located on a relatively flat area, with a gradual slope to the north of 10-15%.

RUNOFF FACTORS

Y / N

☐ ☑ **6. Is there visible evidence of runoff discharging from site? If yes, answer a) - c) below:**

☑ ☐ 6a) Is runoff channelized? If yes, describe: (●) Man-made channel. ( ) Natural channel.

Explanation: There is no visible evidence of run-off discharging from the site. A man made asphalt diversion channel is present on northern end of PRS.

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RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

- ○ **Drainage or wetland (name)** Ten Site Canyon
- ○ **Within bench of canyon setting (name)**
- ○ **Other (i.e., retention pond, meadow, mesa top)**

Explanation: Any potential run-off will terminate in Ten Site Canyon.

Y / N

☐ ☑ 6c) Has runoff caused visible erosion at the site? If yes, explain below: ○ Sheet ○ Rill ○ Gully

Explanation: Damaged portion of asphalt diversion channel located in the northern portion of the PRS has been repaired. There was some visible gully erosion before channel was repaired.

RUN-ON FACTORS

Please rate the potential for storm water to run on to this site: (Check EITHER #7 or #9)

☐ ☑ 7. Are structures (i.e., buildings, roof drains, parking lots, storm drains) creating run-on to the site?

Explanation: No structures are creating run-on to the site.

☐ ☑ 8. Are current operations (i.e., fire hydrants, NPDES outfalls) adversely impacting run-on to the site?

Explanation: No operations are creating run-on to the site.

☐ ☑ 9. Are natural drainage patterns directing stormwater onto site?

Explanation: There are no natural drainage patterns directing stormwater onto the site.

ASSESSMENT FINDING:

☐ ☑ **10. Based on the above criteria and the assessment of this site, does soil erosion potential exist? (REFER TO EROSION POTENTIAL MATRIX.)**

Garduno, Jacinto

11. Signature of Water Quality/Hydrology Representative

Initials of independent reviewer.

Check here when information is entered in database: ☑

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50-009... page 4 of 4

This page is for ESH-18 notes, recommendations, and photos.

	Y	N	
12. a)	○	●	Is there visible trash/debris on the site?
b)	○	●	Is there visible trash/debris in a watercourse?

Description of existing BMPs:

Asphalt diversion channel on northern end of MDA-C.

● ○ Are BMPs being properly maintained? If no, describe in "Other Internal Notes."

● ○ Are BMPs effectively keeping sediment in place and reducing erosion potential?

OTHER INTERNAL NOTES:

Site was re-assessed after repairs to asphalt diversion on northern end. Last assessment on (4/18/01) had a erosion matrix score of 54.9.

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REFERENCES

Kapustka L. A., C. A. Bradlee, J. W. Gorsuch, N. Scholz, D. Mackay, I. Cousins, T. Dueck, R. Zaleski, J. Staveley, J. N. Cape, R. Roshon, K. Wiench, and T. Pfleeger, 2003. "Challenges in Organic Vapor-Phase Phytotoxicity Testing," *SETAC Globe*, Vol. 4, pp. 33–35. (Kapustka et al. 2003, 76048)

Appendix H

Quality Assurance/Quality Control Process

APPENDIX H QUALITY ASSURANCE/QUALITY CONTROL PROCESS

The data evaluation and qualification of the samples collected at MDA C are discussed below. Only qualified samples are included in this discussion. The data from MDA C are grouped into four area categories: tritium probe, pore gas, surface soil and fill, and subsurface tuff. These categories are used below in the discussion.

For the tritium probe data, no qualification was required.

The pore-gas samples were analyzed solely for volatile organic compounds (VOCs). All of the results are usable for data assessment. Five results were qualified as estimated (J) because the resulting concentration between the method detection limit (MDL) and practical quantitation limit (PQL). One result for ethanol (MD50-03-49729) was estimated with a potentially low bias (J-).

Surface samples were collected from soil and fill material and analyzed for a limited list of inorganic chemicals, americium-241, tritium, isotopic plutonium, isotopic uranium, strontium-90, gamma-emitting radionuclides, polychlorinated biphenyls (PCBs), semivolatile organic compounds (SVOCs), and VOCs. Twenty-eight results for tritium were rejected (see Table H-1) by the analytical laboratory. As discussed in Section B.3.2, the tritium and VOC analyses from surface soil and fill samples will not be used for data assessment. All other data are usable for data assessment.

Subsurface samples were collected from units Qbt 2, Qbt 3, and Qbt 1v of the Bandelier Tuff. These subsurface samples were analyzed for inorganic chemicals, total cyanide, americium-241, gamma-emitting radionuclides, isotopic plutonium, isotopic thorium, isotopic uranium, strontium-90, tritium, PCBs, SVOCs, and VOCs. Sixteen results were rejected (see Table H-1) for total cyanide analysis because the matrix spike associated with this batch did not meet method requirements. Fifteen results were rejected for mercury analysis (see Table H-1) because the holding time of twenty-eight days was exceeded. These fifteen results were taken from curated core that was collected prior to September 1995 and not submitted for analysis until March 1996; therefore, the holding time for mercury analysis was exceeded. Six results were rejected for antimony analysis (see Table H-1) because the matrix spike associated with this batch did not meet method requirements. All other data are usable for data assessment.

Three isotopic thorium results and two isotopic uranium results were qualified as estimated (J) because the associated duplicate information was missing.

For the inorganic analysis (metals), seventy-three results were qualified as estimated (J) because the concentrations were between the MDL and PQL; forty-seven results were qualified as estimated because the relative percent difference between duplicate results was greater than the advisory limits; thirty-five results were qualified as potentially biased low (J-) because of low spike recoveries; thirty-six results were qualified as estimated (UJ) because of low spike recovery; and seven results were qualified as potentially biased high (J+) because the recovery in the interference check was above advisory limits. All data are usable for data assessment.

For SVOC analysis, seven results were qualified as estimated (J) because the result was less than the PQL but above the MDL.

For VOC analysis, eight results are qualified as estimated (J) because the result was between the MDL and the PQL.

Table H-1
MDA C Rejected Data from Surface and Subsurface Samples

Request No.	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Qualifier	Explanation
946	0550-95-0075	50-09104	10.9–12.9	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0079	50-09104	26.3–28	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0083	50-09104	36.6–38.6	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0087	50-09104	58–60	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0095	50-09104	79–81	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0099	50-09104	85–87	Metals	Antimony	R	Result for this analyte rejected because matrix spike did not meet method requirements.
946	0550-95-0083	50-09104	36.6–38.6	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0100	50-09100	32.7–33.7	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0101	50-09101	26.85–27.85	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0102	50-09101	44–45.1	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0103	50-09101	62.5–63.2	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0104	50-09103	46.5–47.82	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0105	50-09104	44.1–45.1	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0106	50-09105	62.1–63	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0107	50-09107	46.9–48.5	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0108	50-09107	66.2–67	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0109	50-09108	24.5–25.5	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0110	50-09108	44.9–45.9	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0111	50-09109	46–47	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0112	50-09109	66–67	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0113	50-09110	24.1–24.8	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.
1834	0550-96-0114	50-09110	48.5–49.5	CN	Cyanide (Total)	R	Result for this analyte rejected because matrix spike did not meet method requirements.

Table H-1 (continued)

Request No.	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Qualifier	Explanation
1834	0550-96-0100	50-09100	32.7–33.7	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0101	50-09101	26.85–27.85	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0102	50-09101	44–45.1	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0103	50-09101	62.5–63.2	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0104	50-09103	46.5–47.82	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0105	50-09104	44.1–45.1	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0106	50-09105	62.1–63	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0107	50-09107	46.9–48.5	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0108	50-09107	66.2–67	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0109	50-09108	24.5–25.5	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0110	50-09108	44.9–45.9	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0111	50-09109	46–47	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0112	50-09109	66–67	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0113	50-09110	24.1–24.8	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
1834	0550-96-0114	50-09110	48.5–49.5	HG	Mercury	R	Result for this analyte rejected because the holding time was exceeded.
14845	AAA2768	50-08086	0–0.5	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2769	50-08088	0–0.6	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2770	50-08136	0–0.7	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2771	50-08138	0–0.8	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2772	50-08140	0–0.9	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2773	50-08142	0–0.10	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2774	50-08144	0–0.11	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2775	50-08346	0–0.12	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.

Table H-1 (continued)

Request No.	Sample ID	Location ID	Depth (ft)	Analytical Suite	Analyte	Qualifier	Explanation
14845	AAA2776	50-08396	0–0.13	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2777	50-08446	0–0.14	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2778	50-08474	0–0.15	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14845	AAA2779	50-08494	0–0.16	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2797	50-08126	0–0.17	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2798	50-08134	0–0.18	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2799	50-08176	0–0.19	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2800	50-08180	0–0.20	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2802	50-08222	0–0.21	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2803	50-08224	0–0.22	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14866	AAA2805	50-08228	0–0.23	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3092	50-08240	0–0.24	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3094	50-08274	0–0.25	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3097	50-08324	0–0.26	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3098	50-08326	0–0.27	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14869	AAA3099	50-08328	0–0.28	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3190	50-08214	0–0.29	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3191	50-08216	0–0.30	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3192	50-08266	0–0.31	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.
14948	AAA3193	50-08312	0–0.32	H3	Tritium	R	Results for this analyte were rejected by the laboratory performing the analysis.

Appendix I

Environmental Setting,
Stratigraphy, and Geochemistry of MDA C

APPENDIX I ENVIRONMENTAL SETTING, STRATIGRAPHY, AND GEOCHEMISTRY OF MDA C

I-1.0 ECOLOGICAL RESOURCES

Biological resource field surveys have been conducted in the Technical Area (TA)-50 area for compliance with the Federal Endangered Species Act of 1973; the New Mexico Wildlife Conservation Act; the New Mexico Endangered Species Act; Executive Order 11990, "Protection of Wetlands"; Executive Order 11988, "Floodplain Management"; 10 Code of Federal Regulations (CFR) 1022, "Compliance with Floodplain/Wetlands Environmental Review Requirements"; and Department of Energy (DOE) Order 5400.1, "General Environmental Protection Program."

No wetlands exist in material disposal area (MDA) C. Site location information maintained by the Geographic Information System (GIS) Laboratory was juxtaposed with threatened and endangered (T&E) species habitats using GIS databases. MDA C is potentially in the Mexican spotted owl's core habitat and 6.1 miles from potential bald eagle habitat. The Mexican spotted owl can be conservatively assumed to forage at a high frequency in this site. The bald eagle can be conservatively assumed to forage at a low frequency at MDA C. However, neither the Mexican spotted owl nor the bald eagle has been documented as observed in the area of TA-50 or MDA C.

Local Plant Species

Prior to mowing and tree-thinning activities, MDA C was largely covered by patches of grass/shrubs with a few small trees scattered about the eastern portion of the site. There are also some patches of bare ground at MDA C. The trees were small (0.5–1.5 m), ponderosa pines and a few one-seed junipers, but these trees have been removed as part of the Laboratory's fire mitigation project. Grasses and forbs, including blue grama, sage, and chamisa, represent most of the vegetative cover. Mowing and tree removal has been part of site maintenance activities at MDA C, which tend to favor some of the grasses and herbaceous plants.

Part of MDA C slopes into Ten Site Canyon. Piñon pines and one-seed juniper are the dominant tree species in undisturbed areas of Mesita del Buey. Blue grama grass (*Bouteloua gracilis*) is the most common low-growing (understory) plant on the mesa top. Other common understory plants include wild chrysanthemum (*Bahia dissecta*), mountain muhly, sand dropseed, and wormwood.

A representative list of average rooting depths for native plants is presented in Table I-1. Further information is contained in a report entitled "Biological Assessment of Environmental Restoration Program, Operable Unit 1147" (Dunham 1992, 64963). In a study of 21 species of plants common to the Laboratory grounds, roots were found to be most abundant in the upper 6.4 ft (2 m) of soil. The biomass of annual and perennial plant roots was greatest in the upper 3.3 ft (1 m), whereas ponderosa pine roots were nearly always found within the top 6.6 ft of the soil surface. Tap roots of chamisa, Apache plume, and oak extended over 6.6 ft (2 m) into the soil, and piñon pine and one-seed juniper roots have been found to extend greater than 20 ft (6 m) through fractures in the tuff (LANL 1997, 63131). Most of these plants were present at MDA C, but mowing and tree removal activities basically eliminated them.

Local Animal Species

Insects, reptiles, mammals, and birds inhabit the Laboratory region. Harvester ants are some of the more conspicuous diurnal insects at MDA C and various ant mounds were observed at MDA C. Common reptiles include fence lizards (*Sceloporous undulatus*), plateau striped whiptails (*Cnemidophorus velox*), gopher snakes (*Pituophis melanoleucus*), and garter snakes (*Thamnophis elegans*). Many mammals inhabit the Pajarito Plateau, including rodents, mule deer, elk, black bear, mountain lion, bobcat, fox, and

coyote. Most larger species are prevented from passing through MDA C because of chain-link fencing, although evidence of site use by larger mammals was found (coyote scat) at MDA C. Small mammals have access to the site. A representative list of maximum burrowing depths for native animals is presented in Table I-2. Pajarito Canyon and Cañada del Buey support a wide variety of bird species. In addition to a range of songbirds, a variety of nesting and migrating raptors have been identified in less-disturbed areas of the canyons (LANL 1997, 63131).

I-2.0 STRATIGRAPHY

Bandelier Tuff

In regard to Bandelier Tuff, the term *welding* is used to distinguish between tuffs that are uncompacted and porous (nonwelded) from tuffs that are more compacted and dense (welded). In the field, the degree of welding in tuff is quantified by the degree of flattening of pumice fragments (a higher degree of flattening and elongation equals a higher degree of welding). Petrographically, welded tuffs show adhesion (welding) of grains, while nonwelded tuffs do not. The term *devitrified* is applied to tuffs whose volcanic glass has crystallized. Figure I-1 shows the generalized stratigraphy of the Bandelier Tuff.

Tshirege Member

The Tshirege Member of the Bandelier Tuff is a compound cooling unit that resulted from several successive ash-flow deposits separated by periods of inactivity, which allowed for partial cooling of each unit. Properties related to water flow and contaminant migration (e.g., density, porosity, degree of welding, fracture content, and mineralogy) vary both vertically and laterally as a result of localized emplacement temperature, thickness, gas content, and composition.

Tshirege Member Unit 3 (Qbt 3)

Unit 3 of the Tshirege Member of the Bandelier Tuff is poorly welded and nonindurated to slightly indurated. It forms the cliffs of the Pajarito Plateau. Its thickness, as intersected by borehole 50-09100 in the region of MDA C, is 66.5 ft ([20 m] Broxton and Reneau 1995, 49726).

Tshirege Member Unit 2 (Qbt 2)

Unit 2 of the Tshirege Member of the Bandelier Tuff is a competent, resistant unit that forms cliffs where it is exposed on the sides of the mesa. The rock is described as a moderately welded ash-flow tuff composed of crystal-rich, devitrified pumice fragments in a matrix of ash, shards, and phenocrysts (primarily potassium feldspar and quartz). Its thickness in borehole 50-09100 is 78 ft (24 m); the unit thins to the east across Mesita del Buey (Broxton and Reneau 1995, 49726).

Unit 2 is extensively fractured as a consequence of contraction during post-depositional cooling. The cooling-joint fractures are visible on the mesa edges and on the walls of the pits. In general, the fractures dissipate at the bottom of unit 2. On average, fractures in unit 2 are nearly vertical. Mean spacing between fractures ranges between 1.9 ft and 2.6 ft (0.6 m and 0.8 m), and fracture width ranges between less than 0.03 in and 0.51 in (1 mm and 13 mm), with a median width of 0.12 in (3 mm). Fractures are typically filled with clays to a depth of about 9.9 ft (3 m); smectites are the dominant clay minerals present. Smectites are known for their tendency to swell when water is present and for their ability to bind certain elements strongly, both of which have implications for the transport of radionuclides and inorganic chemicals in fractures. Opal and calcite can occur throughout the fractured length, usually in the presence

of tree and plant roots (live and decomposed); the presence of both the minerals and the roots indicates some moisture at depth in fractures (Reneau and Vaniman 1998, 63135).

At the base of unit 2 is a series of thin (less than 3.9-in.-thick [10-cm-thick]), discontinuous, crystal-rich, fine- to coarse-grained surge deposits. Bedding structures are often observed in these deposits. The surge beds mark the base of unit 2.

Tshirege Member Unit 1v (Qbt 1v)

Tshirege Member unit 1v is a vapor-phase-altered cooling unit underlying unit 2. This unit forms sloping outcrops, which contrast with the near-vertical cliffs of unit 2. Unit 1v is further subdivided into units 1vu and 1vc (Broxton and Reneau 1995, 49726).

Unit 1vu. Unit 1vu is the uppermost portion of unit 1v where u signifies upper. It is devitrified and consists of vapor-phase-altered ash-fall and ash-flow tuff. Unit 1vu is unconsolidated at its base and becomes moderately welded nearer the overlying unit 2. Only the more prominent cooling fractures originating in unit 2 continue into the more welded upper section of unit 1vu but die out in the less-consolidated lower section. More typically, fractures in unit 2 do not extend into unit 1vu. The measured unit thickness in borehole 50-09100 is 73 ft (23 m).

Unit 1vc. Beneath unit 1vu is unit 1vc, where c stands for colonnade, named for the columnar jointing visible in cliffs formed from this unit. Unit 1vc is a poorly welded, devitrified ash-flow tuff at its base and top, becoming more welded in its interior. The measured unit thickness in borehole 50-09100 is 10 ft (3 m).

Tshirege Member Unit 1g (Qbt 1g)

The basal contact of unit 1vc is marked by a rapid change (within 0.7 ft [0.2 m] vertical) from devitrified (crystallized) matrix in unit 1vc to vitric (glassy) matrix in the underlying unit 1g. Vitric pumices in unit 1g stand out in relief on weathered outcrops, while devitrified pumices above this interval are weathered out. In outcrop, this devitrification interval forms a prominent erosional recess termed the *vapor-phase notch*. There is no depositional break associated with the vapor-phase notch; the abrupt transition indicates that this feature is the base of the devitrification that occurred in the hot interior of the cooling ash-flow sheet after emplacement (Broxton et al. 1995, 50121).

Unit 1g is a vitric, pumiceous, nonwelded ash-flow tuff underlying the devitrified unit 1vc. Few fractures are observed in the visible outcrops of this unit, and weathered cliff faces have a distinctive Swiss-cheese appearance because of the softness of the tuff. The uppermost 5 ft to 20 ft (1.5 m to 6.1 m) of unit 1g are iron-stained and slightly welded. This portion of unit 1g is resistant to erosion, helping to preserve the vapor-phase notch in outcrop. A distinctive pumice-poor surge deposit forms the base of unit 1g (Broxton and Reneau 1995, 49726). Its thickness measured at borehole 50-09100 is 80 ft (24 m); it thins to 49 ft (15 m) to the east beneath MDA C.

Tsankawi Pumice Bed

The Tsankawi Pumice Bed is the basal air-fall deposit of the Tshirege Member of the Bandelier Tuff. It is a thin bed of gravel-sized vitric pumice. The unit thickness in borehole 50-09100 is about 2–3 ft (0.6–1 m).

Cerro Toledo Interval (Qct)

The Cerro Toledo interval consists of thin beds of tuffaceous sandstones, paleosols, siltstones, ash, and pumice falls; the Cerro Toledo interval separates the Tshirege and Otowi Members of the Bandelier Tuff. The Cerro Toledo interval also includes localized gravel- and cobble-rich fluvial deposits predominantly derived from intermediate composition lavas eroded from the Jemez Mountains west of the Pajarito Plateau. The interval is about 20-ft (6.1-m) thick (Broxton and Reneau 1995, 49726).

Otowi Member (Qbo)

The Otowi Member tuffs are about 98-ft (30-m) thick in the northwestern portion of Mesita del Buey and become thinner towards the east. The tuffs are a massive, nonwelded, pumice-rich, and mostly vitric ash flow. The pumices are fully inflated, supporting tubular structures that have not collapsed as a result of welding. The matrix is an unsorted mix of glass shards, phenocrysts, perlite clasts, and minute broken pumice fragments.

The Guaje Pumice Bed is the basal air-fall deposit of the Otowi Member of the Bandelier Tuff. The thickness of the unit has been measured as 10 ft (3 m) in the northwestern reaches of Mesita del Buey and as 12 ft (3.7 m) in Pajarito Canyon south of MDA G. The pumice bed is nonwelded and brittle. Pumice tubes are partially filled with silica cement (Broxton et al. 1995, 50121).

Cerros del Rio Basalts (Tb4)

Few data exist to describe the Cerros del Rio lavas directly beneath MDA C; however, dacitic lavas were penetrated to the west (SHB-1) and to the east (R-14). Cerros del Rio basalts were observed to the east in R-15. In R-14, the dacitic lavas are ~150-ft (46-m) thick, extending from 620 to 768 ft below ground surface (bgs). Local borehole cores at MDA L show that the basalts consist of both angular rubble and dense, fractured masses, with zones of moderately to very porous lavas.

Puye Formation (Tpf, Tpp) and Older Fanglomerate

The Puye Formation is a conglomerate deposit derived primarily from volcanic rocks to the west, with varying lithologies including stream channel and overbank deposits, ash and pumice beds, debris flows and lahar deposits. Well tests on the Pajarito Plateau confirm that the unit is very heterogeneous with both high and low permeability zones present (Nylander et al. 2003, 76059). The formation is poorly lithified and as such is unlikely to sustain open fractures.

The Puye was encountered to the west (SHB-1) above the Cerros del Rio lavas and to the east (R-14) both above and below the lavas. Two types of Puye rocks were noted at R-14 (Figure I-1): an upper layer of fanglomerate rock (Tpf), which may be relatively low in permeability, and a lower layer of pumicious sands and gravels (Tpp), higher in permeability. The water table is found near the bottom of the fanglomerate member beneath MDA C at a depth of 1300 ft.

Totavi Lentil Deposits (Tpt)

The Totavi Lentil is an ancestral Rio Grande deposit composed of coarse gravels and sands with abundant quartzite. The deposit has been alternatively conceptualized as a series of distinct north-south trending ribbons (Reneau 1995, 50143) and a continuous thin sheet at the base of the Puye Formation. Like the overlying Puye Formation it has both high permeability and low permeability zones (Nylander

et al. 2003, 76059). It was not penetrated by wells near MDA C but may exist at the base of the Puye Formation predicated on evidence from PM-5, about 1 mile to the east (Figure I-2).

Santa Fe Group (Tsf, Tf, and Ts) and Santa Fe-Age Basalts (Tb1 and Tb2)

The Santa Fe Group is an alluvial-fan deposit comprised of medium to fine sands and clays. Numerous north-south trending faults are present in the Santa Fe Group (Kelley 1978, 11659). Santa Fe Group rocks are deep below MDA C (1500 ft below ground surface at PM-5, which is approximately 1 mile to the east of MDA C) and were not penetrated by R-14 (Figure I-2). Most water supply wells on the eastern edge of the Pajarito Plateau and elsewhere in the basin are completed in these rocks. The Santa Fe Group units are characterized with the lowest permeability compared to the other units in the regional aquifer (Nylander et al. 2003, 76059).

Basaltic lava flows occurred during the time the Santa Fe Group was deposited; these basalts are of substantial significant thickness at PM-5 and may exist within the Santa Fe Group rocks beneath MDA C.

I-3.0 GEOCHEMISTRY

Certain minerals present in Bandelier Tuff are important to the sorption of chemical species from water. Among them are alkali feldspar and a combination of three silica polymorphs (i.e., quartz, cristobalite, and tridymite). These minerals are found throughout the thicknesses of the Bandelier Tuff, and their abundance throughout the tuff can have a substantial effect on the retardation of several constituents in the MDA C inventory. Of lesser importance to transport in tuff are organic materials, which can react with certain constituents to form relatively mobile compounds. The organic content of geologic materials on the mesas that comprise Pajarito Plateau is typically less than 1 wt % (LANL 1996, 55115). However, the fractures can contain higher organic concentrations than the tuff matrix.

In addition to the minerals found in the tuff matrix, clay minerals are found in abundance in fractures and interbeds in the Bandelier Tuff. Clays are a weathering product of tuff, which occurs where rock is exposed to the atmosphere or to fresh meteoric water. The primary clay minerals are smectites, with lesser amounts of kaolinite. The clay minerals have high sorptive capacity for many MDA C inventory constituents. Hematite (i.e., iron oxide) coatings are also found but with less frequency than clay coatings. Hematite has a very large surface area for binding certain metals and is therefore also important when considering transport in fractures (LANL 1996, 55115).

Clay, iron oxide, carbonate minerals, and solid organic matter are known to be present in ancient, buried soils (paleosols) found elsewhere across the Laboratory. In particular, the Cerro Toledo interval, Guaje Pumice Bed, and Puye Formation are known to have buried soils.

Surfaces of the Bandelier Tuff that have been exposed to meteoric water become oxidized and through hydrolysis begin to form clay (smectites). Geologic logs for boreholes 50-09100 through 50-09110 at MDA C (see Appendix C) indicate mineral oxidation and the presence of clays frequently along fractures down to a depth of 30 ft. Infiltration into near surface fractures has deposited clay and soil by pedogenesis. Roots extend into this region that subsequently removes the moisture water through transpiration. Ventilation of these fractures by the atmosphere also removes water by evaporation leaving calcite and silica deposits. These processes tend to limit the depth of infiltration and weathering along the fractures as is evident by the absence of roots, clay, and calcite deposits at greater depths. Oxidized surfaces were identified down to a depth of 180 ft bgs in borehole 50-9100, indicating meteoric water was once present but current conditions have promoted further weathering (Appendix C).

I-4.0 REFERENCES

Broxton, D. E., G. H. Heiken, S. J. Chipera, and F. M. Byers, Jr., June 1995. "Stratigraphy, Petrography, and Mineralogy of Bandelier Tuff and Cerro Toledo Deposits," in *Earth Science Investigation for Environmental Restoration—Los Alamos National Laboratory Technical Area 21,* Los Alamos National Laboratory report LA-12934-MS, Los Alamos, New Mexico, pp. 33–63. (Broxton et al. 1995, 50121)

Broxton, D., and S. L. Reneau, 1995. "Stratigraphic Nomenclature of the Bandelier Tuff for the Environmental Restoration Project at Los Alamos National Laboratory," Los Alamos National Laboratory report LA-130-MS, Los Alamos, New Mexico. (Broxton and Reneau 1995, 49726)

Dunham, D., March 1993. "Biological Assessment for Environmental Restoration Program Operable Unit 1129, TA-4, -5, -35, -42, -48, -52, -55,- 63, and -66, Operable Unit 1147 TA-50, Los Alamos National Laboratory, Los Alamos, New Mexico," (Dunham 1992, 64963)

Kelley, V. C., 1978. "Geology of Espanola Basin, New Mexico," Geologic Map 48, New Mexico Bureau of Mines and Mineral Resources, Socorro, New Mexico. (Kelley 1978, 11659)

LANL (Los Alamos National Laboratory), March 1997. "Performance Assessment and Composite Analysis for Los Alamos National Laboratory Material Disposal Area G," Los Alamos, National Laboratory document LA-UR-97-85, Los Alamos, New Mexico. (LANL 1997, 63131)

LANL (Los Alamos National Laboratory). May 1996. "Natural Background Geochemistry, Geomorphology and Pedogenesis of Selected Soil Profiles and Bandelier Tuff, Los Alamos, New Mexico," Los Alamos National Laboratory report LA-12913-MS, Los Alamos, New Mexico. (LANL 1996, 55115)

Nylander, C. L., K. A. Bitner, G. Cole, E.H. Keating, S. Kinkead, P. Longmire, B. Robinson, D.B. Rogers, and D. Vaniman, March 2003. "Groundwater Annual Status Report for Fiscal Year 2002," Los Alamos National Laboratory document LA-UR-03-0244, Los Alamos, New Mexico. (Nylander 2003, 76059)

Reneau, S. L., June 1995. "Geomorphic Studies at DP Mesa and Vicinity," in *Earth Science Investigation for Environmental Restoration Los Alamos National Laboratory Technical Area 21*, Los Alamos National Laboratory report 12934-MS, Los Alamos, New Mexico. (Reneau 1995, 50143)

Reneau, S. and D. Vaniman, December 1998. "Fracture Characteristics in a Disposal Pit on Mesita del Buey, Los Alamos National Laboratory," Los Alamos National Laboratory report LA-13539-MS, Los Alamos, New Mexico. (Reneau and Vaniman 1998, 63135)

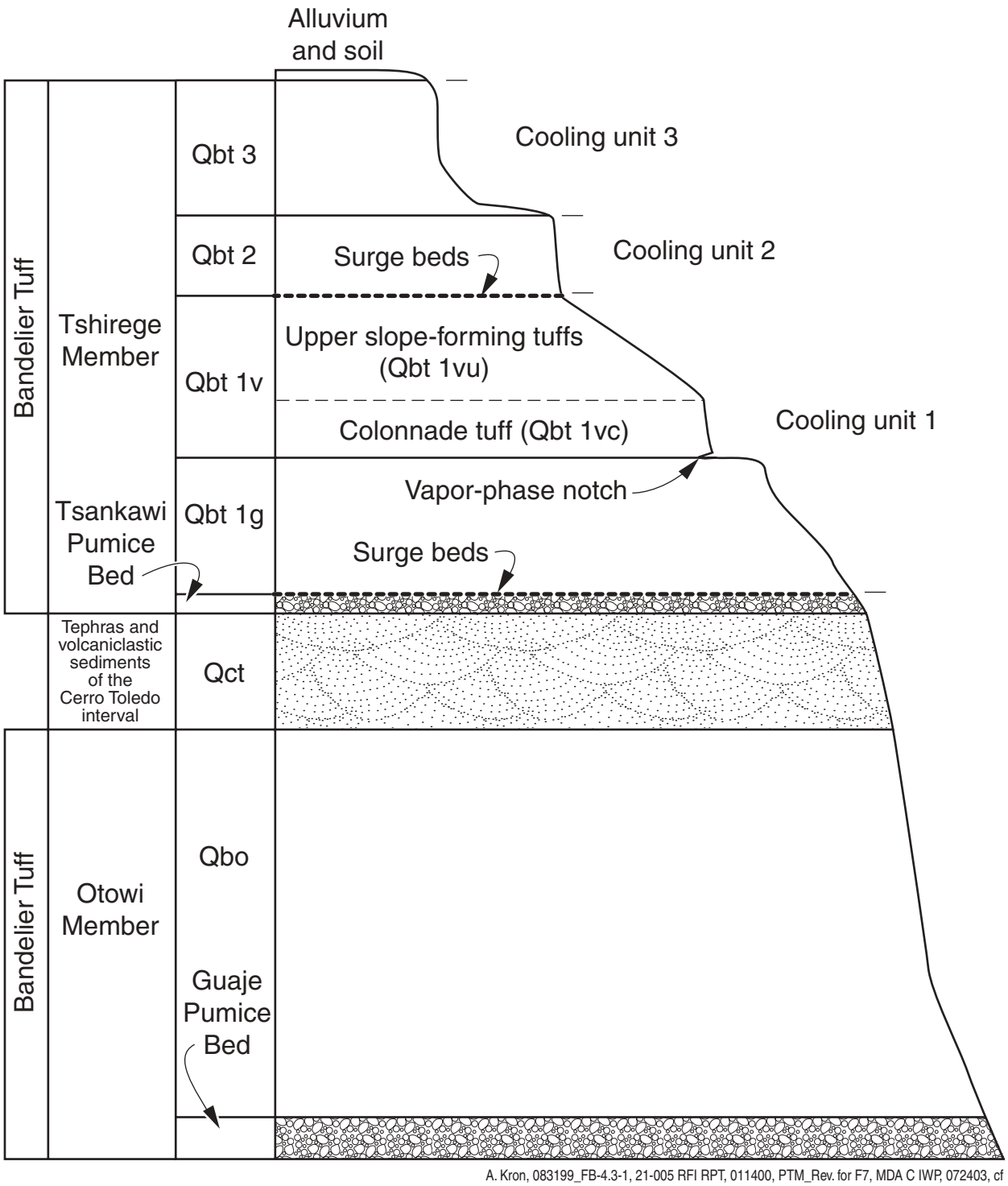

Figure I-1. Generalized stratigraphy of Bandelier Tuff at MDA C

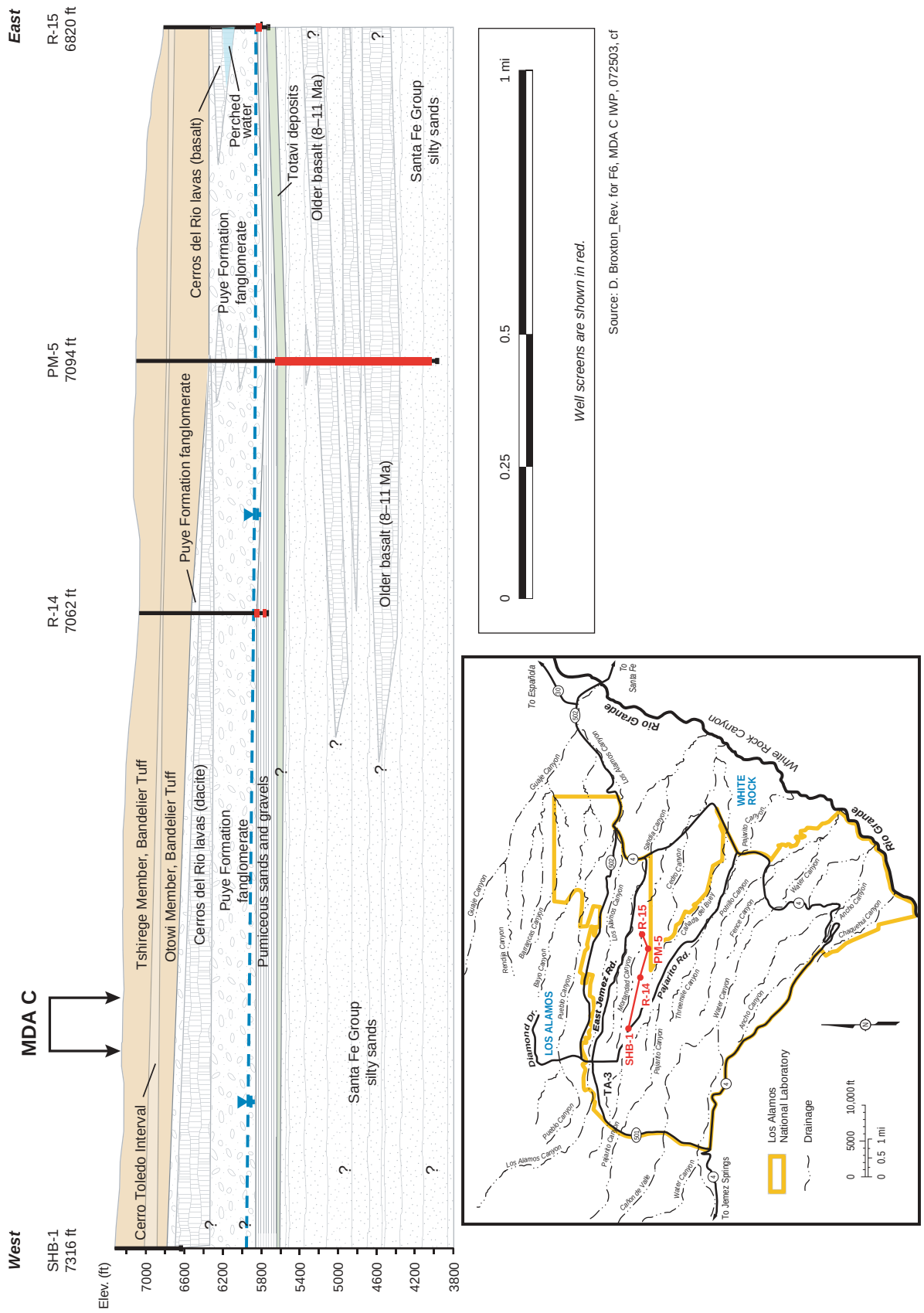

Figure I-2. Hydrogeologic cross section through Pajarito Plateau in the vicinity of MDA C along Mortandad Canyon

Table I-1
Average Rooting Depths of Piñon and Juniper Woodland Plants

Species	Common Name	Root Depth, ft (m)
Quercus spp.	Oak	10.5 (3.2)
Gutierrezia sarothrae	Snakeweed	9.5 (2.9)
Ribes cereum	Wax currant	9.5 (2.9)
Falugia paradoxa	Apache plume	8.5 (2.6)
Rhus trilobata	Squawbush	7.5 (2.3)
Atriplex canescens	Saltbush	7.2 (2.2)
Chrysothamnus nauseosus	Chamisa	6.9 (2.1)
Artemisia tridentata	Sagebrush	5.9 (1.8)
Juniperus monosperma	One-seed juniper	5.6 (1.7)
Pinus ponderosa	Ponderosa pine	4.9 (1.5)
Bouteloua gracilis	Blue grama	1.9 (0.58)
Cercocarpus montanus	Mountain mahogany	1.6 (0.5)
Helianthus petiolarius	Wild sunflower	1.5 (0.45)
Opuntia polycantha	Cactus	0.9 (0.28)
Yucca angustifolia	Yucca	0.3 (0.1)

Table I-2
Maximum Recorded Depth for Burrowing Animals

Species or Taxon	Common Name	Burrow Depth, ft (m)
Pogonomyrmex spp.	Harvester ant	9.8 (3.0)
Scalopus aquaticus	Mole	2.0 (0.6)
Microtus ochrogaster	Prairie vole	0.7 (0.2)
Peromyscus gossypinus	Cotton mouse	2.5 (0.75)
Ochrotomys nuttalli	Golden mouse	0.4 (0.13)
Perognathus parvus	Pocket mouse	4.6 (1.4)
Thomomys talpoides	Pocket gopher	3.2 (<1)
Dipodomys ordii	Kangaroo rat	2.3 (0.7)
Cynomys leucurus	Prairie dog	6.0 (1.83)
Peromyscus maniculatus	Deer mouse	3.2 (<1)
Marmota monax	Woodchuck	4.9 (1.5)