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Technical Area 49 Area 2 Data Summary Report

Environmental Restoration Project
A Department of Energy Environmental Cleanup Program
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1.0 INTRODUCTION

This report presents information and data for Areas 2, 2A, and 2B (collectively referred to as Area 2 in this report) at Los Alamos National Laboratory's (the Laboratory's) Technical Area (TA) 49 (Figure 1.0-1). Area 2 includes Potential Release Sites (PRSs) 49-001(b,c,d, and g); the PRSs are contiguous, are related to the same operations, and have the same contaminants and contaminant origin. Therefore, they are being investigated together as one area. These PRSs are all associated with Material Disposal Area (MDA) AB (Figure 1.0-2). All of these PRSs are listed on Table A of Module VIII of the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 1585).

This data summary report includes all Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) data acquired from 1993 through September 1998 for PRSs 49-001(b,c,d, and g). Pre-RFI activities and corresponding data are not included in this report but will be included in the Phase II sampling and analysis plan (SAP) and the RFI report. The intent of this report is to document current knowledge and preserve information over the period of time until the RFI report is prepared.

PRSs 49-001(b,c,d, and g) are considered to represent a bounding case for other sites having similar environmental issues in other parts of MDA AB (Areas 1, 3, and 4). Thus, the RFI process applied to them is expected to establish the approach for investigations, assessments, and decisions in the other areas.

A brief site description and operational history for each PRS is provided in Section 2. More detailed information can be found in Sections 3 and 4 of the RFI work plan for Operable Unit (OU) 1144 (LANL 1992, 7670). Appendix A includes a list of acronyms that apply to this document. Appendix B provides the analytical suites used for the RFI analysis and an abridged version of the data from the RFI investigations. The complete RFI data set exists in electronic format.

2.0 DESCRIPTION AND OPERATIONAL HISTORY OF PRSs 49-001(b,c,d, and g)

2.1 Site Description

TA-49, the Frijoles Mesa Site, occupies approximately 1280 acres along the southwestern boundary of the Laboratory (Figure 1.0-1). PRSs 49-001(b–d, and g) are located on the mesa top at an elevation of approximately 7140 ft. These sites are approximately 1650 ft from an ephemeral stream at the bottom of Water Canyon (Figure 1.0-2). The distance to the nearest mesa edge, above a tributary to Water Canyon, is approximately 700 ft. The PRSs are shown in Figure 2.1-1 and are discussed below.

Nuclear safety and related tests were conducted in 3-ft- or 6-ft-diameter shafts at depths ranging between 31 and 108 ft. Tests were conducted in 37 shafts; additional shafts were drilled but never used. The shafts are described in Weir and Purtymun (1962, 11890) and in the OU 1148 RFI work plan (LANL 1992, 7670).

There were releases to the surface from several of the shafts. The most serious of these releases occurred in the area of PRS 49-001(b) and was contained in 1961 by the installation of a soil cover protected with an asphalt cap.

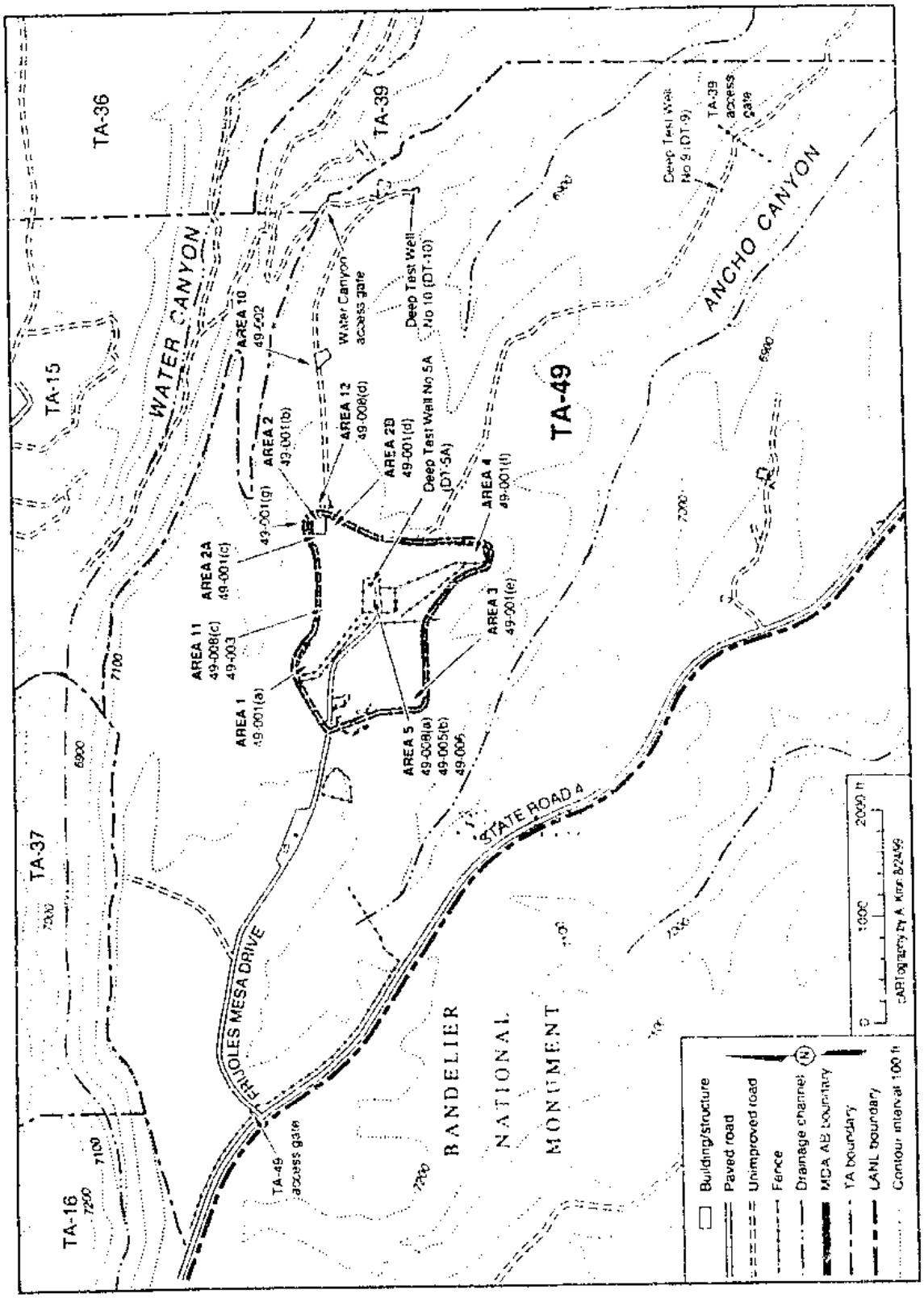

Figure 1.0-2. Map of TA-49

PRS 49-001(b) is described as experimental shafts and has been inactive except for maintenance and monitoring since 1961. The PRS occupies approximately 45,000 ft^2. Twenty-eight shafts were drilled in the area of this PRS for various aspects of the nuclear safety experiments; one shaft was backfilled without being used (Figure 2.1-2). Tritium-containing components (called zippers) were used in the tests in shafts 2-K and 2-U. This PRS includes the test shafts and associated subsurface, near surface, and surficial debris, equipment, and contaminated materials. Concrete was used to top off the shafts, cover the filter box (which was the primary near-surface contaminated feature), and in some cases, to cover contaminated soil because of inadvertent releases. Areas where surface releases were documented are identified in Figure 2.1-2. The surface release at Shaft 2-H (January 1960) occurred at the filter box and was corrected by covering the soil around the shaft with 300 ft^3 of concrete. The release at Shaft 2-S (March 1960) also occurred at the filter box and also was corrected by covering the surface soils with concrete. The third and most extensive release occurred at Shaft 2-M (November 1960) during excavation of the shaft. As a result of the Shaft 2-M release, the area was covered with fill and a protective asphalt cap. The asphalt pad remained in place (repaired in 1975 because of subsidence) until it was removed during an interim measure (IM) implemented in 1998 at the direction of New Mexico Environment Department Hazardous and Radioactive Materials Bureau (NMED-HRMB). The area was covered with soil and gravel as part of stabilization activities. The IM was conducted to address concerns arising from moisture accumulation beneath the pad. The IM and associated best management practices (BMPs) are summarized in Section 4.0.

PRS 49-001(c) is described as experimental shafts and has been inactive except for maintenance and monitoring since 1961. The PRS occupies approximately 2500 ft^2. Six shafts were drilled for various aspects of the nuclear safety experiments; two shafts were backfilled without being used. This PRS includes the test shafts and associated subsurface, near surface, and surficial debris, equipment, and contaminated materials. Concrete was used to top off the shafts and to cover the filter box, which was the primary near-surface contaminated feature.

PRS 49-001(d) is described as experimental shafts and has been inactive except for maintenance and monitoring since 1961. The PRS occupies approximately 70,000 ft^2. Eleven shafts were drilled for various aspects of the nuclear safety experiments; four shafts were backfilled without being used. This PRS includes the tests shaft and associated subsurface, near surface, and surficial debris, equipment, and contaminated materials. Concrete was used to top off the shafts, to cover the filter box (which was the primary near-surface contaminated feature), and in one case, to cover contaminated soil because of an inadvertent release from Shaft 2B-H (Figure 2.1-2). The surface release at Shaft 2-BH (March 1961) occurred at the filter box and was corrected by covering a 30-ft by 40-ft area around the shaft with concrete.

PRS 49-001(g) is described as a contiguous area of surface soil contamination to the north of PRS 49-001(b). This PRS was never the location of any site operations. The PRS occupies approximately 225,000 ft^2. PRS 49-001(g) is an open area bounded by two natural drainage channels northeast and northwest of the former asphalt pad. This PRS is described as all remaining surface areas that have been impacted by contamination in any part by MDA AB. Thus the *boundary* of the PRS could be interpreted to include surface soil contamination at Areas 1, 3, and 4. Because no other areas of significant surface soil contamination are known to exist at MDA AB, this PRS is assumed to be limited to the area shown in Figure 2.1-1.

2.2 Operational History

Beginning in the mid-1940s, Frijoles Mesa was used as a buffer zone for firing sites in adjacent TA-15 and TA-39. In the fall of 1959, TA-49 was created, and a period of intense experimental activity took place from late 1959 through September 1961. TA-49 had previously been studied extensively by the Laboratory and the US Geological Survey to determine its suitability for these experiments. The location was selected because it exhibited geologic characteristics that ensured containment of the experiments and hydrologic characteristics that were thought to preclude the contamination of groundwater. During these years, significant amounts of plutonium, uranium, lead, and beryllium were used in nuclear safety and related experiments in underground shafts. These activities were responsible for almost all of the radioactive and hazardous materials currently present at TA-49. Area 2 contains transuranic waste and heavy metal contamination from about 35 nuclear safety experiments (Thorne and Westervelt 1987, 6672). At least 23 additional underground containment, equipment development, and mockup experiments were conducted using high explosives (HE) and, in a few cases, very small amounts of uranium-238 or radioactive tracer.

The use of special nuclear material required extremely close accounting of the quantities of uranium, plutonium, lead, and beryllium, which are now the primary contaminants at Area 2. The quantities and locations of these contaminants are thus known with a high degree of precision (Purtymun and Stoker 1987, 6688). Most of the contaminant inventory is present in the test shafts at depths ranging between approximately 50 and 78 ft. Area 2 is believed to contain approximately 22 kg of plutonium. Plutonium-239 is estimated to account for more than 93% of the total mass, with plutonium-238, plutonium-240, and plutonium-241 accounting for the remainder (LANL 1992, 7670). Estimates indicate that Area 2 also contains approximately 63.6 kg of uranium-235, 77.8 kg of uranium-238, and 0.025 Ci of tritium (LANL 1992, 7670). All of MDA AB is estimated to contain more than 90,000 kg of lead and 14 kg of beryllium, the majority of which is contained within Area 2.

In January 1961, portions of PRSs 49-001(b, c, d and g) were capped with 2 ft to 3 ft of compacted clay and gravel. In September 1961, it was capped with 2 to 4 in. of asphalt pavement and closed. Historical estimates of the soil/fill thickness below the asphalt range from 1 ft to 6 ft, but recent field investigations suggest 2 ft to 3 ft is most common. The fill and asphalt pad extended approximately 12.5 ft beyond the outermost shafts to form a 125-ft by 125-ft surface. Detailed information regarding the fill and former asphalt pad are provided in the RFI work plan for OU 1144 and the stabilization plan (LANL 1992, 7670 and LANL 1999, 63918).

No operational activities occurred at Area 2 after termination of tests in September 1961 (DOE 1987, 8663 and 8664). Maintenance and monitoring of the area has continued through the present.

3.0 RFI ACTIVITY SUMMARY

The Laboratory Environmental Restoration (ER) Project conducted RFI fieldwork at Area 2 from 1993 to 1998. The objectives of the RFI were to (1) confirm the nature of the contamination present; (2) determine the extent of current contaminant dispersal in surface and subsurface soil and rock, drainage channel sediments, and subsurface water; and (3) assess the potential for future migration of contaminants along the various migration pathways.

and recommendations with regard to future activities at MDA AB Area 2 have not been presented in this report but will be a part of the final RFI report.

Field activities and analytes are specified in the work plan (LANL 1992, 7670). A summary of the RFI activities completed to date and a summary of analytical results are provided in the following sections. All of the 1998 activities were undertaken as part of the "Stabilization Plan for Installing Best Management Practices at Potential Release Sites 49-001 (b, c, d, and g)" (LANL 1999, 63918). A summary of the BMPs and IM activities is provided in Section 4.0.

3.1 1993 Surface Soil Investigation

A total of 34 locations around the asphalt pad and in the northeast drainage were sampled in the 0-in.- to 6-in.-depth range in accordance with LANL-ER-SOP-6.09, R0, "Spade and Scoop Method for Collection of Soil Samples." These locations are shown in Figure 3.1-1. Nine additional locations were sampled in an effort to establish site background (Figure 3.1-2).

A total of 36 samples plus 6 duplicate samples were collected from the 34 locations in the vicinity of the pad and northeast drainage. Eleven samples plus two duplicates were collected from the nine background locations. The analyses conducted included target analyte list (TAL) metals and radionuclides. The list of samples collected and analyses for each data set is detailed in Appendix B.

The results of the investigation indicated the presence of plutonium-239 in the areas surrounding the pad and in the northeast drainage area (Figure 3.1-1). The two other isotopes detected at generally lower concentrations included plutonium-238 and cesium-137. Inorganics were detected at concentrations below UTLs.

3.2 1994 Subsurface Investigation

A total of four shallow boreholes (10-ft depth) and two deep boreholes (150-ft depth) were drilled through the asphalt pad in February and March 1994. In addition, one 700-ft borehole was drilled in an area located approximately 300 ft southeast PRS 49-001(b). This borehole was advanced to obtain subsurface background information. Figure 3.1-3 shows the location of each Phase 1 RFI borehole.

The subsurface samples were collected using a CME 45 hollow-stem auger drill rig and 5-ft core barrel samplers, following LANL-ER-SOP-6.26, R0, "Core Barrel Sampling for Subsurface Earth Materials." All samples were screened for gross gamma, alpha, and beta radiation levels. Selected samples were also analyzed for specific analytes prescribed in the work plan, including TAL metals, isotopic plutonium, and total uranium. The following discussion describes the drilling and sampling methods, summarizes the samples collected from each borehole, and briefly discusses the general results of the investigation.

3.2.1 Background Borehole 49-2-799-1 (Location 49-2901)

The background borehole (Figure 3.1-3) was drilled in an area outside Area 2, approximately 100 ft south of PRS 49-008(d). The borehole was drilled to a depth of 700 ft with a recovery to 692 ft. The first 10 ft of the deep borehole was drilled with a drive casing/ thin wall sampler system, with 3.25-in. core collected in 5-ft samplers. The remainder of the borehole was air cored with continuous sampling using a 101/HQ Geo Barrel/Punch Core System to collect 5-ft core. Field screening, analytical, and geotechnical samples were collected according to LANL-ER-SOP-6.26, R0, "Core Barrel Sampling for Subsurface Earth Materials."

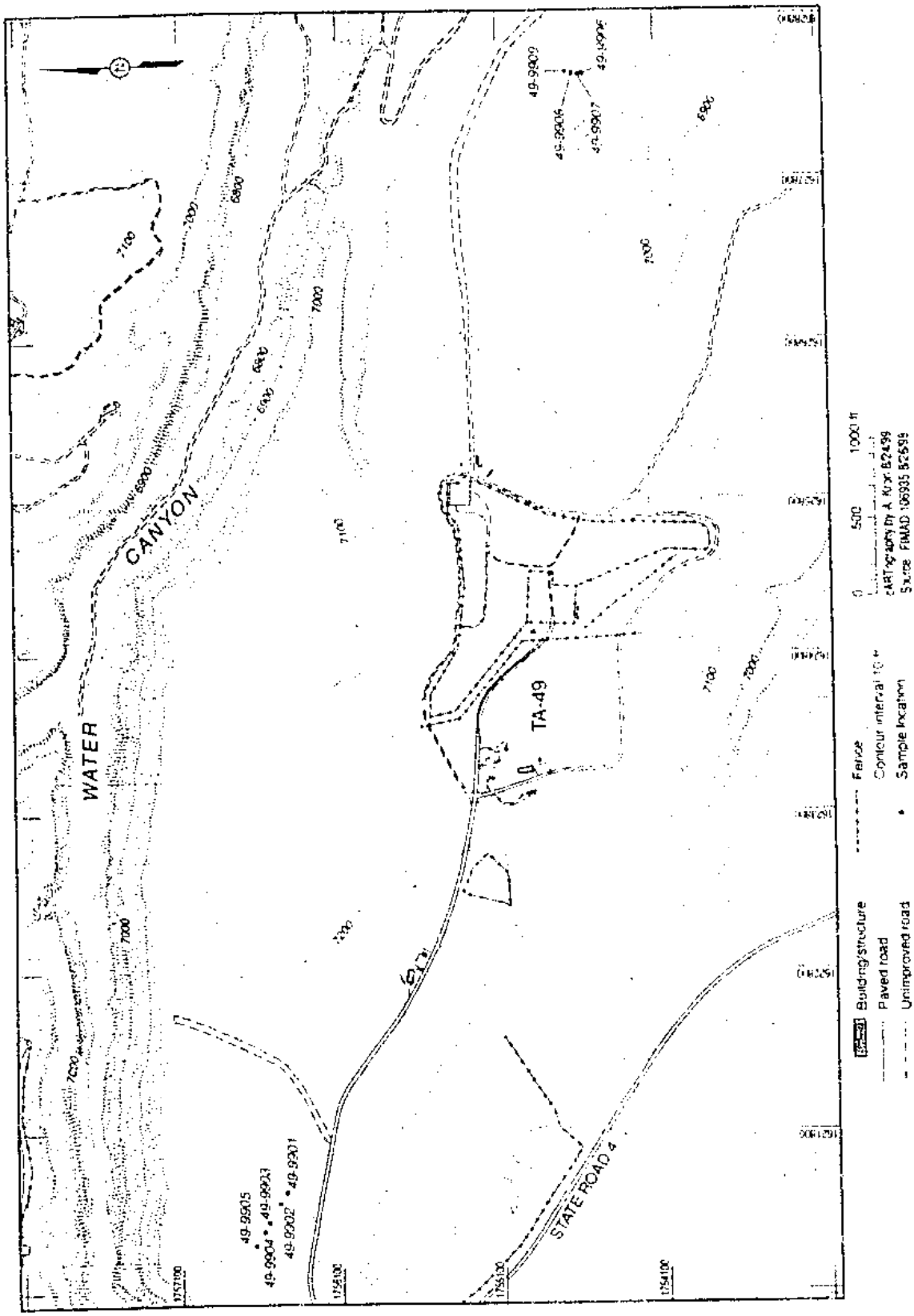

Figure 3.1-2 Background surface soil sample locations at TA-49

The main objective of the deep borehole was to evaluate potential contaminant transport pathways for the near surface and vadose zone to a depth of at least 700 ft (i.e., across the potential water-perching Tshirege-Otowi contact). Further characterization is also needed of hydraulic, lithologic, chemical, and mineralogic properties required for modeling long-term contaminant migration through soils and rock at MDA AB. Summary tables are provided in Appendix B, Section B-3.0.

3.2.2 150-ft Boreholes 49-2-150-1 and 49-2-150-2 (Location 49-2906 and 49-2907)

These two boreholes (Figure 3.1-3) were drilled through the asphalt pad to evaluate subsurface conditions below the depths of the shafts and to augment the existing moisture monitoring holes (TH-1 through TH-5). The locations for these boreholes were selected in part because historical information indicated that they did not contain subsurface contaminants, thus simplifying drilling operations. Additional reasons for selecting these locations include the collection of subsurface samples around CH-2 and shaft 2-M and the proximity of these locations to adjacent shot holes containing plutonium and uranium.

The uppermost core sections were used to provide information on the distribution of contaminants in the fill material under the asphalt pad and confirm the thickness and composition of the fill. Summary tables including the 34 subsurface samples collected from the two boreholes, the number of analytes detected, and the minimum and maximum values detected in the subsurface are provided in Appendix B, Section B-3.0. Nineteen of the 34 samples were collected from the Unit 4 Tshirege Member of the Bandelier Tuff, and 13 samples were collected from the Unit 3 Tshirege Member of the Bandelier Tuff.

Plutonium-239 and tritium were measured at depths greater than 10 ft in these boreholes. However, the tritium data were screening level data generated by a Mobile Radiological Analysis Laboratory, and the data should be considered qualitative for the purposes of this analysis. Tables in Appendix B, Section B-3.0, list each sample, analyte, and additional descriptive data fields including qualifiers for the two boreholes.

3.2.3 10-ft Boreholes 49-2-10-1 through 49-2-10-4 (Location 49-2902 through 49-2905)

The shallow boreholes (Figure 3.1-3) were drilled through the asphalt pad primarily to provide information on the distribution of contaminants in the soil/fill material, to confirm the thickness and composition of the soil/fill, and to quantify the distribution of water underneath the pad and at the soil-tuff interface. Nine samples were collected from soil/fill material, including two from each borehole plus one field duplicate.

Data results for the soil/fill analyses confirm that plutonium-239 and americium-241 are considered COPCs at shallow depths in these boreholes. The summary table in Section B-3.0, Appendix B, lists each sample, analyte, and additional descriptive data fields including qualifiers.

3.3 1994 Radiological Field-Screening Survey

A radiological screening survey of surface soil in Area 2 was conducted using Violinist III field instrument for detection of low-energy radiation (FIDLER) instrument. The FIDLER is used primarily to detect the presence of low-energy gamma emitters. Measurements taken at Area 2 were compared to site background levels. The study attempted to screen for the presence of plutonium, americium-241, and cesium-137. Results generally indicated measurements within background ranges.

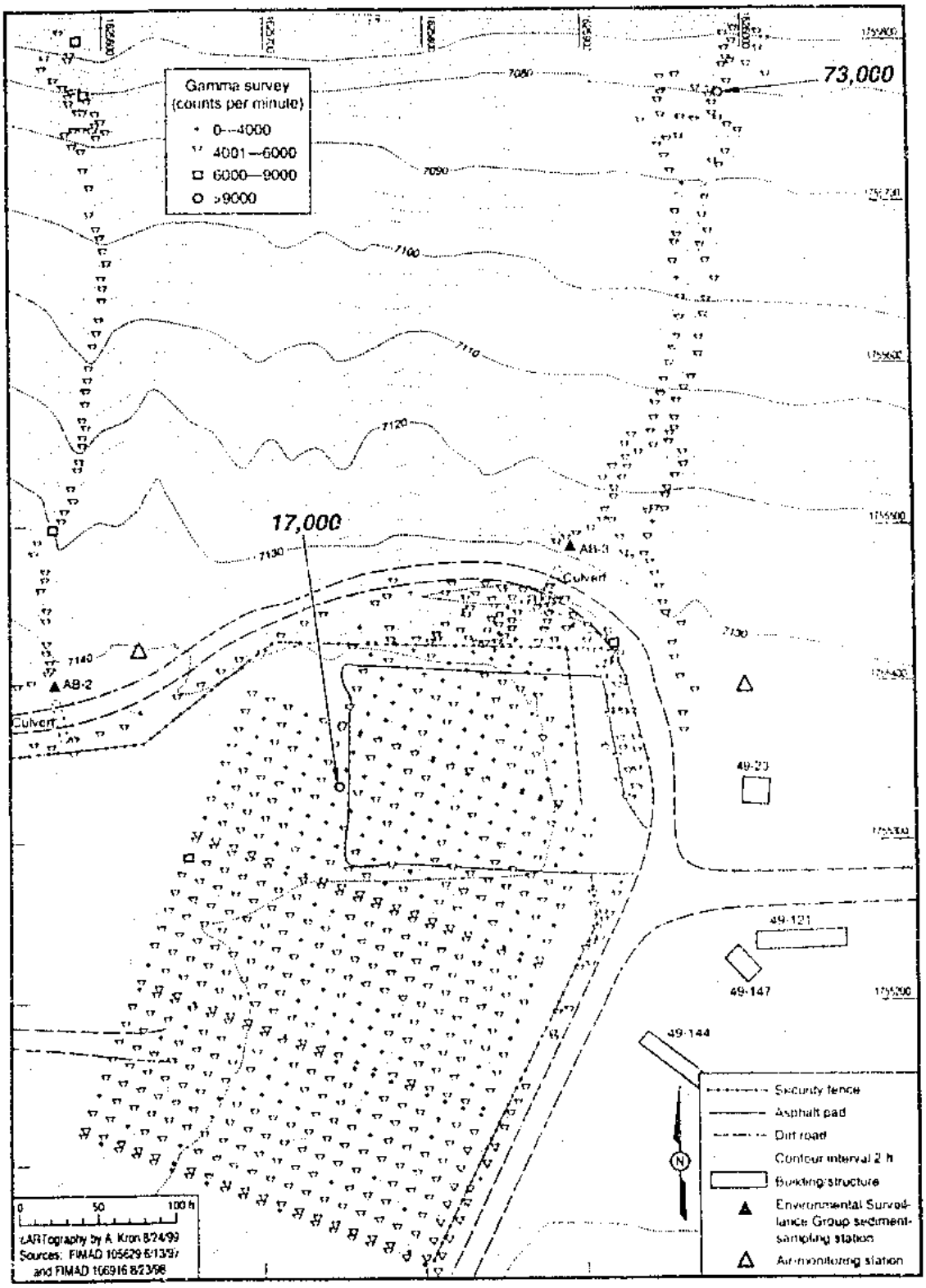

Figure 3.1-4. 1998 radiological field-screening survey locations for low-energy gamma

3.6 1998 Tritium Screening Analysis Under Asphalt Pad

As part of the preparatory operations for the removal of the asphalt pad, 28 gravel/fill samples were collected from directly beneath the pad and analyzed for tritium at a screening analytical laboratory. The samples were collected above each shaft and shallow borehole location on the pad (Figure 3.1-6). The results of the screening analysis indicated the presence of tritium below the asphalt, with three locations having levels clearly IM measure but also contributes useful information about site conditions. Therefore, The tritium data will be presented in the future Phase II SAP and RFI report.

3.7 1998 Soil Sampling for HE

Three locations were sampled around shaft 2B-H (Figure 3.1-6). HE field-screening spot tests were conducted at each location and showed no detectable HE. Soil samples were subsequently collected from between 2 in. and 4 in. below the ground surface, depending on the thickness of the concrete at the surface, and submitted to a fixed laboratory for analysis. These sampling locations were selected based on the historical information discussed in the OU 1144 (TA-49) work plan concerning the potential surficial release of HE (LANL, 1992, 7670). This activity was conducted specifically to support the IM, but also contributes useful information about site conditions. The HE data is not provided in this report because there were no detects. However, the HE data will be presented in the future Phase II SAP and RFI report.

3.8 1998 Core Resampling

Much of the original 1994 sampling data for isotopic plutonium, uranium, and americium were rejected because of various laboratory analytical and reporting problems. These issues will be discussed in detail in a focused validation report that will be included with the RFI report. The decision was made to reanalyze samples from all seven of the original cores collected from each borehole. The resampling included the collection of a sample as close as possible to each of the original sampling intervals. Each of the 50 samples collected from the 150-ft and 700-ft (background) boreholes were analyzed for isotopic plutonium, uranium, and americium. The eight samples collected from the 10-ft boreholes were analyzed for one or more of the isotopic radionuclides. Four of the samples were also analyzed for inorganic compounds. Preliminary results support the 1994 results and will be presented in the RFI report and the Phase II SAP.

4.0 STABILIZATION PLAN IMPLEMENTED AT AREA 2 IN 1998

As previously stated, the entire surface of Area 2 was covered with fill and an asphalt pad in 1961. It was subsequently determined that moisture was accumulating between the asphalt and the tuff surface, that there was a potential for surface water to pond at the site, and that standing water was periodically present in a monitoring well that extended through the site far below the area of experimentation. This moisture raised concern as to the potential for deep subsurface migration of contaminants at MDA AB. Because of the magnitude of the source constituents at Areas 2, stabilization activities at this site were implemented as both an IM and BMPs to reduce the moisture content of near-surface soils and thereby reduce the migration potential of the subsurface contaminants.

4.1 Summary of BMPs

The principal activities implemented as BMPs included construction of a stormwater diversion channel upgradient of Area 2 and construction of erosion control structures in both upgradient and downgradient surface water drainage channels. These activities were described in "Best Management Practices Report for Stabilization Measures at Potential Release Sites 49-001 (b,c,d, and g)" (LANL 1999, 63920), which was submitted to NMED-HRMB in August 1999. The diversion channel, silt fence, downgradient channel stabilization, and power pole removal were completed in June 1998. Following the recommendation of the NMED Surface Water Quality Bureau, straw bales were placed in the upgradient runoff channel, and the western bank of the diversion channel was stabilized with erosion control matting in August and September 1998.

4.2 Summary of IM

The principal activities implemented as IMs during 1998 included

- plugging and abandonment of Corehole 2;
- removing asphalt pavement from Area 2;
- regrading the site with clean, crushed tuff to eliminate surface water ponding;
- spreading topsoil over the regraded site;
- seeding the topsoil with shallow-rooting grasses;
- placing gravel on the topsoil for erosion protection; and
- covering part of the site and the vicinity with a biointrusion barrier.

These activities were implemented to temporarily stabilize the site pending identification of a permanent remedy. The design of these IMs is described in "Stabilization Plan for Implementing Interim Measures and Best Management Practices at Potential Release Sites 49-001(b,c,d, and g)" (LANL 1999, 63918). The description of the implementation of IMs is in "Interim Measures Report for Potential Release Sites 49-001(b,c,d, and g)" (LANL 1999, 63919) submitted to NMED-HRMB in August 1999.

5.0 REFERENCES

DOE (US Department of Energy), October 1987. "Phase I: Installation Assessment, Los Alamos National Laboratory," Vol. I (draft), Comprehensive Environmental Assessment and Response Program, Albuquerque Operations Office, Albuquerque, New Mexico. (DOE 1987, 8663)

DOE (US Department of Energy), October 1987. "Phase I: Installation Assessment, Los Alamos National Laboratory," Vol. II (draft), Comprehensive Environmental Assessment and Response Program, Albuquerque Operations Office, Albuquerque, New Mexico. (DOE 1987, 8664)

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)

LANL (Los Alamos National Laboratory), May 1992. "RFI Work Plan for Operable Unit 1144," Los Alamos National Laboratory report LA-UR-92-900, Los Alamos, New Mexico. (LANL 1992, 7670)

Appendix A

Acronyms

APPENDIX A ACRONYMS

BMP	best management practice
COPC	chemical of potential concern
DOE	Department of Energy
ER	environmental restoration
FIDLER	field instrument for detection of low-energy radiation
HE	high explosive
HRMB	Hazardous and Radioactive Materials Bureau
IM	interim measure
Laboratory	Los Alamos National Laboratory
MDA	material disposal area
NMED	New Mexico Environment Department
OU	operable unit
PRS	potential release site
RCRA	Resource Conservation and Recovery Act
RFI	RCRA facility investigation
SAP	sampling and analysis plan
TA	technical area
TRU	transuranic
UTL	upper tolerance limit

Appendix B

Analytical Suites and Results

APPENDIX B ANALYTICAL SUITES AND RESULTS

B-1.0 SUMMARY

The following presents the analytical suites used for the Resource Conservation and Recovery Act facility investigation (RFI) analyses and an abridged version of the data, where available, from the completed RFI investigations. Complete information regarding RFI analytical suites and results will be provided in a complete RFI report for Technical Area (TA) 49 Area 2.

A summary of samples is included in Table B-1.0-1; a summary of sample results is in Table B-1.0-2; and samples details are included in Table B-1.0-3.

B-2.0 1993 SURFACE SOIL INVESTIGATION

B-2.1 Target Analytes and Detection Limits

Tables documenting target analytes and detection limits for the TA-49 Area 2 1993 RFI surface soil investigation will be presented in the RFI report.

B-2.2 Analytical Results

Tables documenting target analytical results for the TA-49 Area 2 1993 RFI surface soil investigation will be presented in the RFI report.

B-3.0 1994 SUBSURFACE INVESTIGATION

B-3.1 Target Analytes and Detection Limits

Tables B-3.1-1 through B-3.1-5 include the maximum required detection limits according to the Laboratory's analytical statement of work and quality assurance project plan (LANL 1995, 49738; LANL 1996, 54609). In most cases, the concentrations for the analytes were significantly lower than the estimated detection limits (EDLs) or estimated quantitation limits (EQLs) reported in these tables. Efforts were made to ensure that detection limits for inorganic analytes were below Laboratory background concentrations.

B-3.2 Analytical Results

Tables documenting target analytical results for the TA-49 Area 2 199 RFI subsurface investigation will be presented in the RFI report.

B-4.0 OTHER APPLICABLE RFI RESULTS

Table B-4.0-1 through Table B-4.0-3 include the RFI radiochemical borehole screening data for the 1998 shallow boreholes drilled through the asphalt pad. The tables include gross alpha, beta, and gamma results in counts per minute (cpm) and disintegrations per minute (dpm). Table B-4.0-4 includes the borehole screening analytical data from the TA-21 on-site screening laboratory. Gross alpha, beta, and gamma analyses were conducted for 20 samples collected during the 1998 borehole field screening (Table B-4.0-1 through Table B-4.0-3). Table B-4.0-5 includes the summary information for these 1998 shallow boreholes. Table B-4.0-6 includes the results of the 1998 surface soil radiological field screening (field instrument for detection of low-energy radiation) survey in cpm.

Table B-1.0-1 (continued)

Investigation	Sample ID	Collection Date	Location ID	Begin Depth[a]	End Depth	Media Code	Rad Van Screening	Metals	Mercury	VOC[b]	SVOC[c]	Alpha	Am-241	Beta	Cesium-137	Gamma	Isotopic Plutonium	Isotopic Uranium	Potassium-40	Radium-226	Thorium-232	Tritium	Uranium	Water (Unbound)
Surface	AAA1778	04/20/93	49-2046	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1779	04/20/93	49-2050	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1780	04/20/93	49-2050	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14552	14553	14553	—	14553	—
Surface	AAA1781	04/20/93	49-2051	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1782	04/20/93	49-2052	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1783	04/20/93	49-2054	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14552	14553	14553	—	14553	—
Surface	AAA1784	04/20/93	49-2055	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1785	04/20/93	49-2056	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1786	04/20/93	49-2058	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1787	04/20/93	49-2060	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1788	04/20/93	49-2062	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Surface	AAA1789	04/20/93	49-2064	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	—	14553	14553	14553	—	14553	—
Subsurface Background	AAA4648	11/19/93	49-2901	—	—	QBT3	16442	16411	16411	—	—	—	16440	—	16440	—	16440	—	—	—	—	—	—	—
Subsurface Background	AAA4663	12/01/93	49-2901	—	—	QBT3	16432	16408	16408	—	—	—	16435	—	16435	—	16435	—	—	—	—	—	—	—
Subsurface Background	AAA4564	11/17/93	49-2901	2.0	6.5	QBT3	16442	16411 17806	16411	—	—	—	16440	—	16440	—	16440	—	—	—	—	—	—	—
Subsurface Background	MD49-98-0101	05/06/98	49-2901	2.5	2.6	QBT4	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	AAA4567	11/18/93	49-2901	14.1	15.2	QBT3	16442	16411 17806	16411	—	—	—	16440	—	16440	—	16440	—	—	—	—	—	—	—
Subsurface Background	MD49-98-0102	05/06/98	49-2901	14.3	14.5	QBT4	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	MD49-98-0103	05/06/98	49-2901	24	24.2	QBT4	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	AAA4553	11/18/93	49-2901	24.5	26	QBT3	16442	16411 17806	16411	—	—	—	16440	—	16440	—	16440	—	—	—	—	—	—	—
Subsurface Background	AAA8142	11/18/93	49-2901	24.5	26	QBT3	—	—	—	—	—	16613	—	16613	16613	16613	—	—	—	—	—	—	—	—
Subsurface Background	AAA4554	11/19/93	49-2901	34.6	36	QBT3	16442	16411 17806	16411	—	—	—	16440	—	16440	—	16440	—	—	—	—	—	—	—

Table B-1.0-1 (continued)

Investigation	Sample ID	Collection Date	Location ID	Begin Depth[a]	End Depth	Media Code	Rad Van Screening	Metals	Mercury	VOC[b]	SVOC[c]	Alpha	Am-241	Beta	Cesium-137	Gamma	Isotopic Plutonium	Isotopic Uranium	Potassium-40	Radium-226	Thorium-232	Tritium	Uranium	Water (Unbound)
Subsurface Background	MD49-98-0112	05/06/98	49-2901	94.4	94.6	QBT3	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	MD49-98-0113	05/06/98	49-2901	115.8	116	QBT3	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	AAA8144	12/01/93	49-2901	116	116.2	QBT3	—	—	—	—	—	16613	—	16613	16613	16613	—	—	—	—	—	—	—	—
Subsurface Background	AAA4560	12/01/93	49-2901	116	116.7	QBT3	16432	16408/ 17806	16408	—	—	—	16435	—	16435	—	16435	—	—	—	—	—	—	—
Subsurface Background	AAA4593	12/01/93	49-2901	133	134	QBT3	16432	16408/ 17806	16408	—	—	—	16435	—	16435	—	16435	—	—	—	—	—	—	—
Subsurface Background	MD49-98-0114	05/06/98	49-2901	133.2	133.5	QBT3	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	AAA4559	12/01/93	49-2901	136	136.7	QBT3	16432	16408/ 17806	16408	—	—	—	16435	—	16435	—	16435	—	—	—	—	—	—	—
Subsurface Background	MD49-98-0115	05/06/98	49-2901	136.8	137	QBT3	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	AAA4565	12/01/93	49-2901	145.6	147.9	QBT3	16432	16408/ 17806	16408	—	—	—	16435	—	16435	—	16435	—	—	—	—	—	—	—
Subsurface Background	AAA8145	12/01/93	49-2901	148.6	148.8	QBT3	—	—	—	—	—	16613	—	16613	16613	16613	—	—	—	—	—	—	—	—
Subsurface Background	MD49-98-0116	05/06/98	49-2901	150	150.2	QBT3	—	—	—	—	—	—	4258R	—	—	—	4258R	4258R	—	—	—	—	—	—
Subsurface Background	AAA8107	01/10/94	49-2901	470	470.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16596
Subsurface Background	AAA8108	01/10/94	49-2901	473.5	474	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16596
Subsurface Background	AAA8110	01/10/94	49-2901	482	482.4	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16596
Subsurface Background	AAA8114	01/10/94	49-2901	488.4	488.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16596
Subsurface Background	AAA8117	01/10/94	49-2901	493.5	494	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16596
Subsurface Background	AAA8118	01/10/94	49-2901	501.5	502	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16596

Table B-1.0-1 (continued)

Investigation	Sample ID	Collection Date	Location ID	Begin Depth[d]	End Depth	Media Code	Rad Van Screening	Metals	Mercury	VOC[b]	SVOC[c]	Alpha	Am-241	Beta	Cesium-137	Gamma	Isotopic Plutonium	Isotopic Uranium	Potassium-40	Radium-226	Thorium-232	Tritium	Uranium	Water (Unbound)
Subsurface Background	AAA8159	01/12/94	49-2901	576.5	577	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16610
Subsurface Background	AAA8160	01/12/94	49-2901	581	581.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16610
Subsurface Background	AAA8161	01/12/94	49-2901	586	586.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16610
Subsurface Background	AAA8162	01/13/94	49-2901	589	589.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16612
Subsurface Background	AAA8165	01/13/94	49-2901	595	595.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16612
Subsurface Background	AAA8166	01/13/94	49-2901	595.5	596	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16612
Subsurface Background	AAA8171	01/21/94	49-2901	599	599.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8174	01/21/94	49-2901	603.5	604	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8176	01/21/94	49-2901	608.5	609	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8178	01/21/94	49-2901	613.7	614.2	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8181	01/21/94	49-2901	615	615.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8182	01/24/94	49-2901	624	624.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8184	01/24/94	49-2901	627	627.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8185	01/24/94	49-2901	633.8	634.3	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8188	01/24/94	49-2901	639	639.5	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8190	01/24/94	49-2901	644.5	645	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651
Subsurface Background	AAA8191	01/24/94	49-2901	648.5	649	QBT3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16651

Table B-1.0-1 (continued)

Investigation	Sample ID	Collection Date	Location ID	Begin Depth[a]	End Depth	Media Code	Rad Van Screening	Metals	Mercury	VOC[b]	SVOC[c]	Alpha	Am-241	Beta	Cesium-137	Gamma	Isotopic Plutonium	Isotopic Uranium	Potassium-40	Radium-226	Thorium-232	Tritium	Uranium	Water (Unbound)
Subsurface	AAA4656	02/23/94	49-2904	—	—	QBT3	—	16872/ 17637	16872	—	—	—	16878	—	16878	—	16878	—	—	—	—	—	—	—
Subsurface	0549-98-0005	01/14/98	49-2904	1.9	2.1	ALLH	—	—	—	—	—	—	—	—	—	—	—	4047R	—	—	—	—	—	—
Subsurface	AAA4641	02/23/94	49-2904	2.4	3	ALLH	16907	16872/ 17637	16872	—	—	—	16878	—	16878	—	16878	—	—	—	—	—	—	—
Subsurface	0549-98-0006	01/14/98	49-2904	5.6	6	ALLH	—	—	—	—	—	—	—	—	—	—	—	4047R	—	—	—	—	—	—
Subsurface	AAA4575	02/23/94	49-2904	6.4	7	ALLH	16907	16872/ 17637	16872	—	—	—	16878	—	16878	—	16878	—	—	—	—	—	—	—
Subsurface	AAA4640	02/24/94	49-2905	2.5	3	ALLH	16907	16872/ 17637	16872	—	—	—	16878/ 20205	—	16878	—	16878/ 20205	—	—	—	—	—	—	—
Subsurface	0549-98-0007	01/14/98	49-2905	3.1	3.3	ALLH	—	—	—	—	—	—	—	—	—	—	—	4047R	—	—	—	—	—	—
Subsurface	AAA4581	02/24/94	49-2905	6.2	6.7	ALLH	16907	16872/ 17637	16872	—	—	—	16878	—	16878	—	16878	—	—	—	—	—	—	—
Subsurface	0549-98-0008	01/14/98	49-2905	6.9	7	ALLH	—	—	—	—	—	—	—	—	—	—	—	4047R	—	—	—	—	—	—
Subsurface	AAA4646	03/15/94	49-2906	—	—	QBT3	—	17125/ 17637	17125	—	—	—	17127	—	17127	—	17127	—	—	—	—	—	—	—
Subsurface	AAA4649	03/15/94	49-2906	—	—	QBT3	—	17125/ 17637	17125	—	—	—	17127	—	17127	—	17127	—	—	—	—	—	—	—
Subsurface	0549-98-0009	01/14/98	49-2906	4.7	4.9	ALLH	—	—	—	—	—	—	—	—	—	—	—	4047R	—	—	—	—	—	—
Subsurface	AAA4624	02/25/94	49-2906	5.2	5.7	ALLH	16915	16872/ 17637	16872	—	—	—	16878	—	16878	—	16878	—	—	—	—	—	—	—
Subsurface	AAA4625	02/25/94	49-2906	15.9	15.5	QBT4	16907	16872/ 17637	16872	—	—	—	16878	—	16878	—	16878	—	—	—	—	—	—	—
Subsurface	AAA4631	03/07/94	49-2906	28.2	28.6	QBT4	17113	16921/ 17637	16921	—	—	—	16923	—	16923	—	16923	—	—	—	—	—	—	—
Subsurface	AAA4630	03/07/94	49-2906	38.3	38.8	QBT4	17113	16921/ 17637	16921	—	—	—	16923	—	16923	—	16923	—	—	—	—	—	—	—
Subsurface	AAA4627	03/10/94	49-2906	41.5	42.3	QBT4	17113	16921/ 17637	16921	—	—	—	16923	—	16923	—	16923	—	—	—	—	—	—	—
Subsurface	AAA4622	03/10/94	49-2906	53.5	54	QBT4	17113	16921/ 17637	16921	—	—	—	16923	—	16923	—	16923	—	—	—	—	—	—	—
Subsurface	AAA9970	03/11/94	49-2906	63	63.3	QBT4	—	—	—	—	16929	—	—	—	—	—	—	—	—	—	—	—	—	—
Subsurface	AAA9980	03/11/94	49-2906	63	63.3	QBT4	—	—	—	16929	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B-1.0-1 (continued)

Investigation	Sample ID	Collection Date	Location ID	Begin Depth[a]	End Depth	Media Code	Rad Van Screening	Metals	Mercury	VOC[b]	SVOC[c]	Alpha	Am-241	Beta	Cesium-137	Gamma	Isotopic Plutonium	Isotopic Uranium	Potassium-40	Radium-226	Thorium-232	Tritium	Uranium	Water (Unbound)
Subsurface	AAA4613	03/21/94	49-2907	24.5	25	QBT4	17109	17088/ 17637	17088	—	—	—	17086	—	17086	—	17086	—	—	—	—	—	—	—
Subsurface	AAA4611	03/21/94	49-2907	36.5	37	QBT4	17109	17088/ 17637	17088	—	—	—	17086	—	17086	—	17086	—	—	—	—	—	—	—
Subsurface	AAA4618	03/21/94	49-2907	47	47.5	QBT4	17109	17088/ 17637	17088	—	—	—	17086	—	17086	—	17086	—	—	—	—	—	—	—
Subsurface	AAA4606	03/22/94	49-2907	53.5	54.2	QBT4	17109	17088/ 17637	17088	—	—	—	17086	—	17086	—	17086	—	—	—	—	—	—	—
Subsurface	AAA4605	03/22/94	49-2907	65.6	66.2	QBT4	18080	17089/ 17637	17089	—	—	—	17087	—	17087	—	17087	—	—	—	—	—	—	—
Subsurface	AAA4603	03/22/94	49-2907	76.5	79	QBT4	18080	17089/ 17637	17089	—	—	—	17087	—	17087	—	17087	—	—	—	—	—	—	—
Subsurface	AAA4612	03/22/94	49-2907	76.5	79	QBT4	18080	17089/ 17637	17089	—	—	—	17087	—	17087	—	17087	—	—	—	—	—	—	—
Subsurface	AAA4616	03/23/94	49-2907	84.7	85.2	QBT4	18078	17114/ 17637	17114	—	—	—	17119	—	17119	—	17119	—	—	—	—	—	—	—
Subsurface	AAA4609	03/23/94	49-2907	95	95.5	QBT3	18078	17114/ 17637	17114	—	—	—	17119	—	17119	—	17119	—	—	—	—	—	—	—
Subsurface	AAA4608	03/23/94	49-2907	106	106.5	QBT3	18078	17114/ 17637	17114	—	—	—	17119	—	17119	—	17119	—	—	—	—	—	—	—
Subsurface	AAA4615	03/23/94	49-2907	115.2	115.8	QBT3	18078	17114/ 17637	17114	—	—	—	17119	—	17119	—	17119	—	—	—	—	—	—	—
Subsurface	AAA4610	03/24/94	49-2907	125	126.5	QBT3	18078	17114/ 17637	17114	—	—	—	17119	—	17119	—	17119	—	—	—	—	—	—	—
Subsurface	AAA4619	03/24/94	49-2907	125	126.5	QBT3	18078	17114/ 17637	17114	—	—	—	17119	—	17119	—	17119	—	—	—	—	—	—	—
Subsurface	AAA4604	03/24/94	49-2907	138	138.7	QBT3	18078	17114/ 17637	17114	—	—	—	17119	—	17119	—	17119	—	—	—	—	—	—	—
Subsurface	AAA4607	03/24/94	49-2907	145	145.5	QBT3	18079	17091/ 17637	17091	—	—	—	17090	—	17090	—	17090	—	—	—	—	—	—	—
Surface Background	AAA1739	04/27/93	49-9901	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	14553	14553	14553	14553	14553	—	14553
Surface Background	AAA1740	04/27/93	49-9901	0	0.5	ALLH	—	14552	14552	—	14553	—	14553	—	14553	—	14553	14553	14553	14553	14553	14553	—	14553

Table B-1.0-2
Summary of RFI Sample Results for TA-49 Area 2

Investigation	RFI Class	Investigation Strata	Analyte Code	Analyte Code Description	Standard Reporting Units	Frequency of Detects	Range of Values	UTL[a]	UTL Units	Minimum of Standard Result	Maximum of Standard Result	Count of Standard Result	Minimum of Detect	Maximum of Detect	Count of Detect
Subsurface	Inorganic	Soil	AL	Aluminum	mg/kg	4/4	7530–12000	7340	mg/kg	7530	12000	4	7530	12000	4
Subsurface	Inorganic	Soil	SB	Antimony	mg/kg	2/14	[0.32]–7.4	0.5	mg/kg	0.32	7.4	14	0.48	0.5	2
Subsurface	Inorganic	Soil	AS	Arsenic	mg/kg	10/14	[1]–3.9	2.79	mg/kg	1	3.9	14	2.5	3.9	10
Subsurface	Inorganic	Soil	BA	Barium	mg/kg	14/14	65.1–287	46	mg/kg	65.1	287	14	65.1	287	14
Subsurface	Inorganic	Soil	BE	Beryllium	mg/kg	9/14	[0.59]–1.7	1.21	mg/kg	0.59	1.7	14	0.84	1.7	9
Subsurface	Inorganic	Soil	CD	Cadmium	mg/kg	5/14	[0.09]–2	1.63	mg/kg	0.09	2	14	1.3	2	5
Subsurface	Inorganic	Soil	CA	Calcium	mg/kg	4/4	1910–5210	2200	mg/kg	1910	5210	4	1910	5210	4
Subsurface	Inorganic	Soil	CR	Chromium, total	mg/kg	14/14	3.9–28	7.14	mg/kg	3.9	28	14	3.9	28	14
Subsurface	Inorganic	Soil	CO	Cobalt	mg/kg	4/4	5–7.5	3.14	mg/kg	5	7.5	4	5	7.5	4
Subsurface	Inorganic	Soil	CU	Copper	mg/kg	4/4	5.7–7.3	4.66	mg/kg	5.7	7.3	4	5.7	7.3	4
Subsurface	Inorganic	Soil	FE	Iron	mg/kg	4/4	10200–12100	14500	mg/kg	10200	12100	4	10200	12100	4
Subsurface	Inorganic	Soil	PB	Lead	mg/kg	13/13	3.5–15.7	11.2	mg/kg	3.5	15.7	13	3.5	15.7	13
Subsurface	Inorganic	Soil	MG	Magnesium	mg/kg	4/4	1790–2300	1690	mg/kg	1790	2300	4	1790	2300	4
Subsurface	Inorganic	Soil	MN	Manganese	mg/kg	4/4	238–492	482	mg/kg	238	492	4	238	492	4
Subsurface	Inorganic	Soil	HG	Mercury	mg/kg	3/14	[0.012]–0.12	0.1	mg/kg	0.012	0.12	14	0.012	0.027	3
Subsurface	Inorganic	Soil	NI	Nickel	mg/kg	7/14	[3.9]–11.7	6.58	mg/kg	3.9	11.7	14	6.8	11.7	7
Subsurface	Inorganic	Soil	K	Potassium	mg/kg	4/4	1450–1620	3500	mg/kg	1450	1620	4	1450	1620	4
Subsurface	Inorganic	Soil	SE	Selenium	mg/kg	2/14	[0.36]–1.1	0.3	mg/kg	0.36	1.1	14	0.91	1.1	2
Subsurface	Inorganic	Soil	AG	Silver	mg/kg	4/14	[0.23]–0.98	1	mg/kg	0.23	0.98	14	0.23	0.42	4
Subsurface	Inorganic	Soil	NA	Sodium	mg/kg	4/6	[30.2]–358	2770	mg/kg	30.2	358	6	133	358	4
Subsurface	Inorganic	Soil	TL	Thallium	mg/kg	1/14	[0.36]–0.78	1.1	mg/kg	0.36	0.78	14	0.4	0.4	1
Subsurface	Inorganic	Soil	V	Vanadium	mg/kg	4/4	19.2–20	17	mg/kg	19.2	20	4	19.2	20	4
Subsurface	Inorganic	Soil	ZN	Zinc	mg/kg	4/4	19.9–23.3	63.5	mg/kg	19.9	23.3	4	19.9	23.3	4
Subsurface	Rad	Soil	AM-241	Americium-241	pCi/g	1/14	[-0.097]–31.9	0.05	pCi/g	-0.097	31.9	14	31.9	31.9	1

Table B-1.0-2 (continued)

Investigation	RFI Class	Investigation Strata	Analyte Code	Analyte Code Description	Standard Reporting Units	Frequency of Detects	Range of Values	UTL	UTL Units	Minimum of Standard Result	Maximum of Standard Result	Count of Standard Result	Minimum of Detect	Maximum of Detect	Count of Detect
Subsurface	Organic	Tuff	56-55-3	Benzo(a)anthracene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	50-32-8	Benzo(a)pyrene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	205-99-2	Benzo(b)fluoranthene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	191-24-2	Benzo(g,h,i)perylene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	207-08-9	Benzo(k)fluoranthene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	65-85-0	Benzoic Acid	mg/kg	0/4	[1.7–1.8]	—	—	1.7	1.8	4	—	—	0
Subsurface	Organic	Tuff	100-51-6	Benzyl Alcohol	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	111-91-1	Bis(2-chloroethoxy)methane	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	111-44-4	Bis(2-chloroethyl)ether	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	117-81-7	Bis(2-ethylhexyl)phthalate	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	75-27-4	Bromodichloromethane	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	75-25-2	Bromoform	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	74-83-9	Bromomethane	mg/kg	0/4	[0.01–0.011]	—	—	0.01	0.011	4	—	—	0
Subsurface	Organic	Tuff	101-55-3	Bromophenyl-phenylether[4-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	78-93-3	Butanone[2-]	mg/kg	0/4	[0.01–0.011]	—	—	0.01	0.011	4	—	—	0
Subsurface	Organic	Tuff	85-68-7	Butylbenzylphthalate	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	75-15-0	Carbon Disulfide	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	56-23-5	Carbon Tetrachloride	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	59-50-7	Chloro-3-methylphenol[4-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	106-47-8	Chloroaniline[4-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	108-90-7	Chlorobenzene	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	124-48-1	Chlorodibromomethane	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	75-00-3	Chloroethane	mg/kg	0/4	[0.01–0.011]	—	—	0.01	0.011	4	—	—	0
Subsurface	Organic	Tuff	67-66-3	Chloroform	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	74-87-3	Chloromethane	mg/kg	0/4	[0.01–0.011]	—	—	0.01	0.011	4	—	—	0

Table B-1.0-2 (continued)

Investigation	RFI Class	Investigation Strata	Analyte Code	Analyte Code Description	Standard Reporting Units	Frequency of Detects	Range of Values	UTL	UTL Units	Minimum of Standard Result	Maximum of Standard Result	Count of Standard Result	Minimum of Detect	Maximum of Detect	Count of Detect
Subsurface	Organic	Tuff	121-14-2	Dinitrotoluene[2,4-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	606-20-2	Dinitrotoluene[2,6-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	100-41-4	Ethylbenzene	mg/kg	0/4	[0.005–0.005]	—	—	0.005	0.005	4	—	—	0
Subsurface	Organic	Tuff	206-44-0	Fluoranthene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	86-73-7	Fluorene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	118-74-1	Hexachlorobenzene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	87-68-3	Hexachlorobutadiene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	77-47-4	Hexachlorocyclopentadiene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	67-72-1	Hexachloroethane	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	591-78-6	Hexanone[2-]	mg/kg	0/4	[0.01–0.011]	—	—	0.01	0.011	4	—	—	0
Subsurface	Organic	Tuff	193-39-5	Indeno(1,2,3-cd)pyrene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	78-59-1	Isophorone	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	108-10-1	Methyl-2-pentanone[4-]	mg/kg	0/4	[0.01–0.011]	—	—	0.01	0.011	4	—	—	0
Subsurface	Organic	Tuff	75-09-2	Methylene Chloride	mg/kg	0/4	[0.008–0.009]	—	—	0.008	0.009	4	—	—	0
Subsurface	Organic	Tuff	91-57-6	Methylnaphthalene[2-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	95-48-7	Methylphenol[2-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	106-44-5	Methylphenol[4-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	91-20-3	Naphthalene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	88-74-4	Nitroaniline[2-]	mg/kg	0/4	[1.7–1.8]	—	—	1.7	1.8	4	—	—	0
Subsurface	Organic	Tuff	99-09-2	Nitroaniline[3-]	mg/kg	0/4	[1.7–1.8]	—	—	1.7	1.8	4	—	—	0
Subsurface	Organic	Tuff	100-01-6	Nitroaniline[4-]	mg/kg	0/4	[1.7–1.8]	—	—	1.7	1.8	4	—	—	0
Subsurface	Organic	Tuff	98-95-3	Nitrobenzene	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	88-75-5	Nitrophenol[2-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0
Subsurface	Organic	Tuff	100-02-7	Nitrophenol[4-]	mg/kg	0/4	[1.7–1.8]	—	—	1.7	1.8	4	—	—	0
Subsurface	Organic	Tuff	621-64-7	Nitroso-di-n-propylamine[N-]	mg/kg	0/4	[0.35–0.35]	—	—	0.35	0.35	4	—	—	0

Table B-1.0-2 (continued)

Investigation	RFI Class	Investigation Strata	Analyte Code	Analyte Code Description	Standard Reporting Units	Frequency of Detects	Range of Values	UTL	UTL Units	Minimum of Standard Result	Maximum of Standard Result	Count of Standard Result	Minimum of Detect	Maximum of Detect	Count of Detect
Subsurface	Rad	Tuff	U-238	Uranium-238	pCi/g	30/30	0.268–1.68	1.93	pCi/g	0.268	1.68	30	0.268	1.68	30
Subsurface Background	Inorganic	Tuff	SB	Antimony	mg/kg	0/15	[0.6–0.67]	0.5	mg/kg	0.6	0.67	15	—	—	0
Subsurface Background	Inorganic	Tuff	AS	Arsenic	mg/kg	0/15	[0.8–2.2]	2.79	mg/kg	0.8	2.2	15	—	—	0
Subsurface Background	Inorganic	Tuff	BA	Barium	mg/kg	1/15	[4.9]–197	46	mg/kg	4.9	197	15	197	197	1
Subsurface Background	Inorganic	Tuff	BE	Beryllium	mg/kg	1/15	[0.2]–1.1	1.21	mg/kg	0.2	1.1	15	1.1	1.1	1
Subsurface Background	Inorganic	Tuff	CD	Cadmium	mg/kg	1/15	[0.6]–2.3	1.63	mg/kg	0.6	2.3	15	2.3	2.3	1
Subsurface Background	Inorganic	Tuff	CR	Chromium, total	mg/kg	3/15	[0.82]–11.9	7.14	mg/kg	0.82	11.9	15	2.8	11.9	3
Subsurface Background	Inorganic	Tuff	PB	Lead	mg/kg	13/15	[0.35]–12.4	11.2	mg/kg	0.35	12.4	15	0.69	12.4	13
Subsurface Background	Inorganic	Tuff	HG	Mercury	mg/kg	1/15	[0.02]–0.06	0.1	mg/kg	0.02	0.06	15	0.06	0.06	1
Subsurface Background	Inorganic	Tuff	NI	Nickel	mg/kg	1/15	[1.2]–10.9	6.58	mg/kg	1.2	10.9	15	10.9	10.9	1
Subsurface Background	Inorganic	Tuff	SE	Selenium	mg/kg	0/15	[0.4–0.47]	0.3	mg/kg	0.4	0.47	15	—	—	0
Subsurface Background	Inorganic	Tuff	AG	Silver	mg/kg	0/15	[1–1.1]	1	mg/kg	1	1.1	15	—	—	0
Subsurface Background	Inorganic	Tuff	TL	Thallium	mg/kg	0/15	[0.2–0.27]	1.1	mg/kg	0.2	0.27	15	—	—	0
Subsurface Background	Rad	Tuff	AM-241	Americium-241	pCi/g	2/30	[0.0011]–0.12	0.05	pCi/g	0.0011	0.12	30	0.039	0.039	2
Subsurface Background	Rad	Tuff	CS-137	Cesium-137	pCi/g	15/20	[0.0011]–0.12	0.1	pCi/g	0.0011	0.12	20	0.067	0.12	15

Table B-1.0-2 (continued)

Investigation	RFI Class	Investigation Strata	Analyte Code	Analyte Code Description	Standard Reporting Units	Frequency of Detects	Range of Values	UTL	UTL Units	Minimum of Standard Result	Maximum of Standard Result	Count of Standard Result	Minimum of Detect	Maximum of Detect	Count of Detect
Surface	Rad	Soil	AM-241	Americium-241	pCi/g	34/34	1.24–4.45	0.013	pCi/g	1.24	4.45	34	1.24	4.45	34
Surface	Rad	Soil	CS-137	Cesium-137	pCi/g	28/34	[0.119]–1.797	1.65	pCi/g	0.119	1.797	34	0.324	1.797	28
Surface	Rad	Soil	PU-238	Plutonium-238	pCi/g	14/34	[0.002]–0.249	0.023	pCi/g	0.002	0.249	34	0.003	0.249	14
Surface	Rad	Soil	PU-239	Plutonium-239	pCi/g	33/34	[0.013]–13.723	0.054	pCi/g	0.013	13.723	34	0.013	13.723	33
Surface	Rad	Soil	K-40	Potassium-40	pCi/g	33/34	[2.963]–44.18	36.8	pCi/g	2.963	44.18	34	17.565	44.18	33
Surface	Rad	Soil	RA-226	Radium-226	pCi/g	27/34	[1.056]–3.463	2.59	pCi/g	1.056	3.463	34	1.27	3.463	27
Surface	Rad	Soil	TH-232	Thorium-232	pCi/g	23/34	[1.557]–4.438	2.33	pCi/g	1.557	4.438	34	2.01	4.438	23
Surface	Rad	Soil	U	Uranium	mg/kg	34/34	1.4–5.3	—	—	1.4	5.3	34	1.4	5.3	34
Surface Background	Inorganic	Soil	AL	Aluminum	mg/kg	1/1	7900–7900	29200	mg/kg	7900	7900	1	7900	7900	1
Surface Background	Inorganic	Soil	SB	Antimony	mg/kg	0/10	[10–11.2]	0.83	mg/kg	10	11.2	10	—	—	0
Surface Background	Inorganic	Soil	AS	Arsenic	mg/kg	10/10	1.3–8	8.17	mg/kg	1.3	8	10	1.3	8	10
Surface Background	Inorganic	Soil	BA	Barium	mg/kg	10/10	86–168	295	mg/kg	86	168	10	86	168	10
Surface Background	Inorganic	Soil	BE	Beryllium	mg/kg	10/10	0.56–0.78	1.83	mg/kg	0.56	0.78	10	0.56	0.78	10
Surface Background	Inorganic	Soil	CD	Cadmium	mg/kg	8/10	[0.5]–1.4	0.4	mg/kg	0.5	1.4	10	0.96	1.4	8
Surface Background	Inorganic	Soil	CA	Calcium	mg/kg	1/1	1200–1200	6120	mg/kg	1200	1200	1	1200	1200	1
Surface Background	Inorganic	Soil	CR	Chromium, total	mg/kg	10/10	6.3–10	19.3	mg/kg	6.3	10	10	6.3	10	10
Surface Background	Inorganic	Soil	CO	Cobalt	mg/kg	1/1	6–6	8.64	mg/kg	6	6	1	6	6	1
Surface Background	Inorganic	Soil	CU	Copper	mg/kg	1/1	6–6	14.7	mg/kg	6	6	1	6	6	1

Table B-1.0-2 (continued)

Investigation	RFI Class	Investigation Strata	Analyte Code	Analyte Code Description	Standard Reporting Units	Frequency of Detects	Range of Values	UTL	UTL Units	Minimum of Standard Result	Maximum of Standard Result	Count of Standard Result	Minimum of Detect	Maximum of Detect	Count of Detect
Surface Background	Rad	Soil	PU-238	Plutonium-238	pCi/g	9/9	0.002–0.023	0.023	pCi/g	0.002	0.023	9	0.002	0.023	9
Surface Background	Rad	Soil	PU-239	Plutonium-239	pCi/g	6/9	[0.005]–0.058	0.054	pCi/g	0.005	0.058	9	0.005	0.058	6
Surface Background	Rad	Soil	K-40	Potassium-40	pCi/g	9/9	14.248–32.231	36.8	pCi/g	14.248	32.231	9	14.248	32.231	9
Surface Background	Rad	Soil	RA-226	Radium-226	pCi/g	7/9	[1.6]–2.995	2.59	pCi/g	1.6	2.995	9	1.6	2.995	7
Surface Background	Rad	Soil	TH-232	Thorium-232	pCi/g	7/9	[2.35]–3.28	2.33	pCi/g	2.35	3.28	9	2.35	3.28	7
Surface Background	Rad	Soil	H-3	Tritium	pCi/g	0/9	[-0.00088–0.01412]	0.76	pCi/ml	-0.00088	0.01412	9	—	—	0
Surface Background	Rad	Soil	U-234	Uranium-234	pCi/g	9/9	1.195–1.989	2.59	pCi/g	1.195	1.989	9	1.195	1.989	9
Surface Background	Rad	Soil	U-235	Uranium-235	pCi/g	0/9	[0.066–0.18]	0.2	pCi/g	0.066	0.18	9	—	—	0
Surface Background	Rad	Soil	U-238	Uranium-238	pCi/g	9/9	1.341–2.218	2.29	pCi/g	1.341	2.218	9	1.341	2.218	9

[a] UTL = upper tolerance limit.

[b] A dash in the table means "not applicable."

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
0549-98-0001	49-2902	4.4	4.8	ALLH	Silver	0.42	mg/kg	J	1	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Antimony	0.48	mg/kg	J	0.5	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Uranium-238	0.686	pCi/g	—	1.93	pCi/g
0549-98-0001	49-2902	4.4	4.8	ALLH	Uranium-234	0.694	pCi/g	—	1.98	pCi/g
0549-98-0001	49-2902	4.4	4.8	ALLH	Uranium-238	0.721	pCi/g	—	1.93	pCi/g
0549-98-0001	49-2902	4.4	4.8	ALLH	Uranium-234	0.752	pCi/g	—	1.98	pCi/g
0549-98-0001	49-2902	4.4	4.8	ALLH	Beryllium	0.99	mg/kg	—	1.21	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Arsenic	3.4	mg/kg	—	2.79	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Copper	5.9	mg/kg	—	4.66	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Cobalt	6.4	mg/kg	—	3.14	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Nickel	6.9	mg/kg	—	6.58	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Chromium, Total	7.3	mg/kg	—	7.14	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Lead	12.4	mg/kg	—	11.2	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Vanadium	19.8	mg/kg	—	17	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Zinc	23.3	mg/kg	—	63.5	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Sodium	133	mg/kg	J	2770	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Barium	168	mg/kg	—	46	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Manganese	427	mg/kg	—	482	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Potassium	1450	mg/kg	—	3500	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Magnesium	1790	mg/kg	—	1690	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Calcium	1910	mg/kg	—	2200	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Aluminum	9180	mg/kg	—	7340	mg/kg
0549-98-0001	49-2902	4.4	4.8	ALLH	Iron	10900	mg/kg	—	14500	mg/kg
0549-98-0002	49-2902	7.2	7.4	ALLH	Uranium-235	0.048	pCi/g	U	0.03	pCi/g
0549-98-0002	49-2902	7.2	7.4	ALLH	Uranium-234	0.885	pCi/g	—	1.98	pCi/g
0549-98-0002	49-2902	7.2	7.4	ALLH	Uranium-238	0.924	pCi/g	—	1.93	pCi/g
0549-98-0003	49-2903	1.5	2	ALLH	Americium-241	0.008	pCi/g	U	0.05	pCi/g
0549-98-0003	49-2903	1.5	2	ALLH	Mercury	0.02	mg/kg	—	0.1	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Uranium-235	0.025	pCi/g	U	0.09	pCi/g
0549-98-0003	49-2903	1.5	2	ALLH	Cadmium	0.09	mg/kg	U	1.63	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Silver	0.23	mg/kg	J	1	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Antimony	0.36	mg/kg	U	0.5	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Selenium	0.36	mg/kg	U	0.3	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Thallium	0.36	mg/kg	U	1.1	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Uranium-238	0.624	pCi/g	—	1.93	pCi/g
0549-98-0003	49-2903	1.5	2	ALLH	Uranium-234	0.631	pCi/g	—	1.98	pCi/g
0549-98-0003	49-2903	1.5	2	ALLH	Beryllium	0.84	mg/kg	—	1.21	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Arsenic	3.3	mg/kg	—	2.79	mg/kg
0549-98-0003	49-2903	1.5	2	ALLH	Copper	5.7	mg/kg	—	4.66	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
0549-98-0004	49-2903	7.2	7.8	ALLH	Aluminum	12000	mg/kg	—	7340	mg/kg
0549-98-0004	49-2903	7.2	7.8	ALLH	Iron	12100	mg/kg	—	14500	mg/kg
0549-98-0005	49-2904	1.9	2.1	ALLH	Uranium-235	0.03	pCi/g	U	0.09	pCi/g
0549-98-0005	49-2904	1.9	2.1	ALLH	Uranium-238	0.694	pCi/g	—	1.93	pCi/g
0549-98-0005	49-2904	1.9	2.1	ALLH	Uranium-234	0.712	pCi/g	—	1.98	pCi/g
0549-98-0006	49-2904	5.6	6	ALLH	Uranium-235	0.037	pCi/g	U	0.09	pCi/g
0549-98-0006	49-2904	5.6	6	ALLH	Uranium-234	0.678	pCi/g	—	1.98	pCi/g
0549-98-0006	49-2904	5.6	6	ALLH	Uranium-238	0.682	pCi/g	—	1.93	pCi/g
0549-98-0007	49-2905	3.1	3.3	ALLH	Uranium-235, Uranium-236	0.029	pCi/g	U	—	—
0549-98-0007	49-2905	3.1	3.3	ALLH	Uranium-238	0.329	pCi/g	—	1.93	pCi/g
0549-98-0007	49-2905	3.1	3.3	ALLH	Uranium-234	0.369	pCi/g	—	1.98	pCi/g
0549-98-0008	49-2905	6.9	7	ALLH	Uranium-235	0.052	pCi/g	U	0.09	pCi/g
0549-98-0008	49-2905	6.9	7	ALLH	Uranium-234	0.826	pCi/g	—	1.98	pCi/g
0549-98-0008	49-2905	6.9	7	ALLH	Uranium-238	0.921	pCi/g	—	1.93	pCi/g
0549-98-0009	49-2906	4.7	4.8	ALLH	Uranium-235	0.042	pCi/g	U	0.09	pCi/g
0549-98-0009	49-2906	4.7	4.8	ALLH	Uranium-234	0.714	pCi/g	—	1.93	pCi/g
0549-98-0009	49-2906	4.7	4.8	ALLH	Uranium-234	0.722	pCi/g	—	1.98	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Plutonium-238	0	pCi/g	—	0.05	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Plutonium-239, Plutonium-240	0.012	pCi/g	U	—	—
0549-98-0010	49-2907	3.7	4.6	ALLH	Mercury	0.012	mg/kg	J	0.1	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Americium-241	0.014	pCi/g	U	0.05	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Plutonium-238	0.015	pCi/g	U	0.05	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Plutonium-239, Plutonium-240	0.015	pCi/g	U	—	—
0549-98-0010	49-2907	3.7	4.6	ALLH	Mercury	0.016	mg/kg	J	0.1	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Uranium-235	0.035	pCi/g	U	0.09	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Uranium-235	0.038	pCi/g	—	0.09	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Cadmium	0.093	mg/kg	U	1.63	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Cadmium	0.101	mg/kg	U	1.63	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Silver	0.24	mg/kg	J	1	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Silver	0.258	mg/kg	J	1	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Antimony	0.37	mg/kg	U	0.5	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Thallium	0.37	mg/kg	U	1.1	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Selenium	0.373	mg/kg	U	0.3	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Antimony	0.402	mg/kg	U	0.5	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Selenium	0.402	mg/kg	U	0.3	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Thallium	0.402	mg/kg	U	1.1	mg/kg
0549-98-0010	49-2907	3.7	4.6	ALLH	Uranium-238	0.632	pCi/g	—	1.93	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Uranium-234	0.66	pCi/g	—	1.98	pCi/g
0549-98-0010	49-2907	3.7	4.6	ALLH	Uranium-238	0.686	pCi/g	—	1.93	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1739	49-9901	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Uranium-235	0.065	pCi/g	U	0.2	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Uranium-235	0.067	pCi/g	U	0.2	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Cesium-137	0.444	pCi/g	U	1.65	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Beryllium	0.77	mg/kg	—	1.83	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Beryllium	0.81	mg/kg	—	1.83	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Cadmium	1.2	mg/kg	—	0.4	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Uranium-238	1.299	pCi/g	—	2.29	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Cadmium	1.3	mg/kg	—	0.4	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Uranium-234	1.315	pCi/g	—	2.59	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Uranium-234	1.341	pCi/g	—	2.59	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Americium-241	1.4	pCi/g	U	0.013	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Uranium-238	1.477	pCi/g	—	2.29	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Arsenic	2.5	mg/kg	—	8.17	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Radium-226	2.995	pCi/g	—	2.59	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Arsenic	3.2	mg/kg	—	8.17	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Thorium-232	3.28	pCi/g	—	2.33	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Chromium, Total	8.1	mg/kg	—	19.3	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Nickel	8.2	mg/kg	—	15.4	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Chromium, Total	8.4	mg/kg	—	19.3	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Nickel	8.7	mg/kg	—	15.4	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Lead	14.7	mg/kg	—	22.3	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Lead	15.1	mg/kg	—	22.3	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Potassium-40	19.377	pCi/g	—	36.8	pCi/g
AAA1739	49-9901	0	0.5	ALLH	Barium	168	mg/kg	—	295	mg/kg
AAA1739	49-9901	0	0.5	ALLH	Barium	169	mg/kg	—	295	mg/kg
AAA1740	49-9901	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	—	0.023	pCi/g
AAA1740	49-9901	0	0.5	ALLH	Tritium	0.0038	pCi/g	U	0.76	pCi/ml
AAA1740	49-9901	0	0.5	ALLH	Plutonium-239	0.009	pCi/g	U	0.054	pCi/g
AAA1740	49-9901	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1740	49-9901	0	0.5	ALLH	Uranium-235	0.08	pCi/g	U	0.2	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1741	49-9902	0	0.5	ALLH	Potassium-40	24.022	pCi/g	--	36.8	pCi/g
AAA1741	49-9902	0	0.5	ALLH	Barium	162	mg/kg	--	295	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Tritium	0.0004	pCi/g	U	0.76	pCi/ml
AAA1742	49-9903	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	—	0.023	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Plutonium-239	0.005	pCi/g	—	0.054	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Uranium-235	0.09	pCi/g	U	0.2	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Cesium-137	0.442	pCi/g	U	1.65	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Beryllium	0.68	mg/kg	--	1.83	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Uranium-234	1.249	pCi/g	—	2.59	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Cadmium	1.3	mg/kg	--	0.4	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Uranium-238	1.399	pCi/g	—	2.29	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Radium-226	1.64	pCi/g	U	2.59	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Thorium-232	2.35	pCi/g	U	2.33	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Americium-241	2.67	pCi/g	U	0.013	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Arsenic	5	mg/kg	—	8.17	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Chromium, Total	8.7	mg/kg	—	19.3	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Nickel	9.7	mg/kg	--	15.4	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Lead	13.6	mg/kg	--	22.3	mg/kg
AAA1742	49-9903	0	0.5	ALLH	Potassium-40	22.706	pCi/g	—	36.8	pCi/g
AAA1742	49-9903	0	0.5	ALLH	Barium	158	mg/kg	--	295	mg/kg
AAA1743	49-9904	0	0.5	ALLH	Tritium	0.0004	pCi/g	U	0.76	pCi/ml
AAA1743	49-9904	0	0.5	ALLH	Plutonium-238	0.002	pCi/g	—	0.023	pCi/g
AAA1743	49-9904	0	0.5	ALLH	Plutonium-239	0.009	pCi/g	U	0.054	pCi/g
AAA1743	49-9904	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1743	49-9904	0	0.5	ALLH	Uranium-235	0.18	pCi/g	U	0.2	pCi/g
AAA1743	49-9904	0	0.5	ALLH	Cesium-137	0.581	pCi/g	U	1.65	pCi/g
AAA1743	49-9904	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1743	49-9904	0	0.5	ALLH	Beryllium	0.63	mg/kg	—	1.83	mg/kg
AAA1743	49-9904	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1743	49-9904	0	0.5	ALLH	Cadmium	1.2	mg/kg	--	0.4	mg/kg
AAA1743	49-9904	0	0.5	ALLH	Uranium-234	1.365	pCi/g	—	2.59	pCi/g
AAA1743	49-9904	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1743	49-9904	0	0.5	ALLH	Uranium-238	1.555	pCi/g	--	2.29	pCi/g
AAA1743	49-9904	0	0.5	ALLH	Radium-226	1.827	pCi/g	U	2.59	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth*	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL†	Units
AAA1745	49-9906	0	0.5	ALLH	Cesium-137	0.584	pCi/g	U	1.65	pCi/g
AAA1745	49-9906	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Beryllium	0.62	mg/kg	—	1.83	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Cadmium	0.96	mg/kg	—	0.4	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Uranium-234	1.239	pCi/g	—	2.59	pCi/g
AAA1745	49-9906	0	0.5	ALLH	Uranium-238	1.387	pCi/g	—	2.29	pCi/g
AAA1745	49-9906	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Radium-226	1.7	pCi/g	U	2.59	pCi/g
AAA1745	49-9906	0	0.5	ALLH	Thorium-232	2.39	pCi/g	U	2.33	pCi/g
AAA1745	49-9906	0	0.5	ALLH	Arsenic	2.4	mg/kg	—	8.17	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Americium-241	3.73	pCi/g	U	0.012	pCi/g
AAA1745	49-9906	0	0.5	ALLH	Nickel	6	mg/kg	—	15.4	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Chromium, Total	6.3	mg/kg	—	19.3	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Lead	10.6	mg/kg	—	22.3	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1745	49-9906	0	0.5	ALLH	Potassium-40	20.247	pCi/g	—	36.8	pCi/g
AAA1745	49-9906	0	0.5	ALLH	Barium	100	mg/kg	—	295	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Tritium	-0.0005	pCi/g	U	0.76	pCi/ml
AAA1746	49-9906	0	0.5	ALLH	Plutonium-238	0.002	pCi/g	—	0.023	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Plutonium-239	0.008	pCi/g	—	0.054	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Uranium-235	0.108	pCi/g	U	0.2	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Cesium-137	0.6258	pCi/g	U	1.65	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Beryllium	0.71	mg/kg	—	1.83	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Uranium-234	1.24	pCi/g	—	2.59	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Cadmium	1.3	mg/kg	—	0.4	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Uranium-238	1.302	pCi/g	—	2.29	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Arsenic	2.5	mg/kg	—	8.17	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Thorium-232	2.72	pCi/g	U	2.33	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Americium-241	2.98	pCi/g	U	0.013	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Radium-226	3.104	pCi/g	—	2.59	pCi/g
AAA1746	49-9906	0	0.5	ALLH	Nickel	7.7	mg/kg	—	15.4	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Chromium, Total	8.5	mg/kg	—	19.3	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1746	49-9906	0	0.5	ALLH	Lead	12.2	mg/kg	—	22.3	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1748	49-9908	0	0.5	ALLH	Americium-241	1.56	pCi/g	U	0.013	pCi/g
AAA1748	49-9908	0	0.5	ALLH	Thorium-232	2.741	pCi/g	—	2.33	pCi/g
AAA1748	49-9908	0	0.5	ALLH	Radium-226	2.844	pCi/g	—	2.59	pCi/g
AAA1748	49-9908	0	0.5	ALLH	Nickel	6.3	mg/kg	—	15.4	mg/kg
AAA1748	49-9908	0	0.5	ALLH	Chromium, Total	8.6	mg/kg	—	19.3	mg/kg
AAA1748	49-9908	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1748	49-9908	0	0.5	ALLH	Lead	12.1	mg/kg	—	22.3	mg/kg
AAA1748	49-9908	0	0.5	ALLH	Potassium-40	21.292	pCi/g	—	36.8	pCi/g
AAA1748	49-9908	0	0.5	ALLH	Barium	94.7	mg/kg	—	295	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	—	0.023	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	—	0.023	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Plutonium-239	0.004	pCi/g	—	0.054	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Plutonium-239	0.007	pCi/g	—	0.054	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Tritium	0.0072	pCi/g	U	0.76	pCi/ml
AAA1749	49-9909	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Uranium-235	0.052	pCi/g	U	0.2	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Cesium-137	0.48	pCi/g	U	1.65	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Beryllium	0.78	mg/kg	—	1.83	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Uranium-234	1.28	pCi/g	—	2.59	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Uranium-238	1.372	pCi/g	—	2.29	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Radium-226	1.718	pCi/g	—	2.59	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Americium-241	1.73	pCi/g	U	0.01[illegible]	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Arsenic	2.2	mg/kg	—	8.17	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Thorium-232	2.812	pCi/g	—	2.33	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Nickel	7.8	mg/kg	—	15.4	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Chromium, Total	8.4	mg/kg	—	19.3	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Lead	10.9	mg/kg	—	22.3	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1749	49-9909	0	0.5	ALLH	Potassium-40	32.231	pCi/g	—	36.8	pCi/g
AAA1749	49-9909	0	0.5	ALLH	Barium	99.3	mg/kg	—	295	mg/kg
AAA1750	49-2001	0	0.5	ALLH	Plutonium-238	0.004	pCi/g	—	0.023	pCi/g
AAA1750	49-2001	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1750	49-2001	0	0.5	ALLH	Plutonium-239	0.054	pCi/g	—	0.054	pCi/g
AAA1750	49-2001	0	0.5	ALLH	Beryllium	0.35	mg/kg	—	1.83	mg/kg
AAA1750	49-2001	0	0.5	ALLH	Cesium-137	0.504	pCi/g	U	1.65	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth*	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[2]	Units
AAA1752	49-2006	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Plutonium-239	0.736	pCi/g	—	0.054	pCi/g
AAA1752	49-2006	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Cadmium	1.1	mg/kg	—	0.4	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Radium-226	1.362	pCi/g	U	2.59	pCi/g
AAA1752	49-2006	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Arsenic	1.5	mg/kg	—	8.17	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Thorium-232	1.68	pCi/g	U	2.33	pCi/g
AAA1752	49-2006	0	0.5	ALLH	Americium-241	2.35	pCi/g	U	0.013	pCi/g
AAA1752	49-2006	0	0.5	ALLH	Uranium	3.7	mg/kg	—	—	—
AAA1752	49-2006	0	0.5	ALLH	Chromium, Total	5.8	mg/kg	—	19.3	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Nickel	6.4	mg/kg	—	15.4	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Lead	6.5	mg/kg	—	22.3	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1752	49-2006	0	0.5	ALLH	Potassium-40	19.654	pCi/g	—	36.8	pCi/g
AAA1752	49-2006	0	0.5	ALLH	Barium	105	mg/kg	—	295	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Plutonium-238	0.005	pCi/g	U	0.023	pCi/g
AAA1753	49-2007	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Plutonium-239	0.041	pCi/g	—	0.054	pCi/g
AAA1753	49-2007	0	0.5	ALLH	Cesium-137	0.324	pCi/g	U	1.65	pCi/g
AAA1753	49-2007	0	0.5	ALLH	Beryllium	0.33	mg/kg	—	1.83	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Cadmium	0.84	mg/kg	—	0.4	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Arsenic	1.1	mg/kg	—	8.17	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Uranium	1.6	mg/kg	—	—	—
AAA1753	49-2007	0	0.5	ALLH	Radium-226	2.022	pCi/g	—	2.59	pCi/g
AAA1753	49-2007	0	0.5	ALLH	Thorium-232	2.526	pCi/g	—	2.33	pCi/g
AAA1753	49-2007	0	0.5	ALLH	Americium-241	2.72	pCi/g	U	0.013	pCi/g
AAA1753	49-2007	0	0.5	ALLH	Chromium, Total	4.2	mg/kg	—	19.3	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Nickel	5.8	mg/kg	—	15.4	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Lead	6.4	mg/kg	—	22.3	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1753	49-2007	0	0.5	ALLH	Potassium-40	23.503	pCi/g	—	36.8	pCi/g
AAA1753	49-2007	0	0.5	ALLH	Barium	50.8	mg/kg	—	295	mg/kg
AAA1754	49-2007	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	—	0.023	pCi/g
AAA1754	49-2007	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1754	49-2007	0	0.5	ALLH	Plutonium-239	0.03	pCi/g	—	0.054	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[1]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[2]	Units
AAA1756	49-2009	0	0.5	ALLH	Beryllium	0.3	mg/kg	--	1.83	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Cesium-137	0.539	pCi/g	U	1.65	pCi/g
AAA1756	49-2009	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Plutonium 239	0.099	pCi/g	--	0.054	pCi/g
AAA1756	49-2009	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Arsenic	1.5	mg/kg	--	8.17	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Thorium-232	1.557	pCi/g	U	2.33	pCi/g
AAA1756	49-2009	0	0.5	ALLH	Radium-226	2.17	pCi/g	--	2.59	pCi/g
AAA1756	49-2009	0	0.5	ALLH	Uranium	2.2	mg/kg	--	--	--
AAA1756	49-2009	0	0.5	ALLH	Americium-241	3.19	pCi/g	U	0.013	pCi/g
AAA1756	49-2009	0	0.5	ALLH	Nickel	4.6	mg/kg	--	15.4	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Chromium, Total	5.6	mg/kg	--	19.3	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Lead	6	mg/kg	--	22.3	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1756	49-2009	0	0.5	ALLH	Potassium-40	29.657	pCi/g	--	36.8	pCi/g
AAA1756	49-2009	0	0.5	ALLH	Barium	86.1	mg/kg	--	295	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Plutonium-238	0.007	pCi/g	U	0.023	pCi/g
AAA1757	49-2010	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Plutonium-239	0.306	pCi/g	--	0.054	pCi/g
AAA1757	49-2010	0	0.5	ALLH	Beryllium	0.5	mg/kg	--	1.83	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Cesium-137	0.868	pCi/g	U	1.65	pCi/g
AAA1757	49-2010	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Cadmium	1.1	mg/kg	--	0.4	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Arsenic	1.3	mg/kg	--	8.17	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Radium-226	1.491	pCi/g	U	2.59	pCi/g
AAA1757	49-2010	0	0.5	ALLH	Thorium-232	2.095	pCi/g	U	2.33	pCi/g
AAA1757	49-2010	0	0.5	ALLH	Americium-241	2.61	pCi/g	U	0.013	pCi/g
AAA1757	49-2010	0	0.5	ALLH	Uranium	2.9	mg/kg	--	--	--
AAA1757	49-2010	0	0.5	ALLH	Chromium, Total	5.4	mg/kg	--	19.3	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Nickel	6.1	mg/kg	--	15.4	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Lead	7.9	mg/kg	--	22.3	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1757	49-2010	0	0.5	ALLH	Potassium-40	26.697	pCi/g	--	36.8	pCi/g
AAA1757	49-2010	0	0.5	ALLH	Barium	77.2	mg/kg	--	295	mg/kg
AAA1758	49-2012	0	0.5	ALLH	Plutonium-238	0.005	pCi/g	--	0.023	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL	Units
AAA1759	49-2014	0	0.5	ALLH	Thorium-232	3.81	pCi/g	U	2.33	pCi/g
AAA1759	49-2014	0	0.5	ALLH	Nickel	4.7	mg/kg	—	15.4	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Nickel	5	mg/kg	—	15.4	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Chromium, Total	5.4	mg/kg	—	19.3	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Chromium, Total	6	mg/kg	—	19.3	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Lead	9.3	mg/kg	—	22.3	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Lead	11.3	mg/kg	—	22.3	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Potassium-40	29.508	pCi/g	—	36.8	pCi/g
AAA1759	49-2014	0	0.5	ALLH	Barium	113	mg/kg	—	295	mg/kg
AAA1759	49-2014	0	0.5	ALLH	Barium	118	mg/kg	—	295	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	—	0.023	pCi/g
AAA1760	49-2016	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Plutonium-239	0.021	pCi/g	—	0.054	pCi/g
AAA1760	49-2016	0	0.5	ALLH	Beryllium	0.37	mg/kg	—	1.83	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Arsenic	0.6	mg/kg	U	8.17	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Cesium-137	0.725	pCi/g	U	1.65	pCi/g
AAA1760	49-2016	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Radium-226	1.86	pCi/g	U	2.59	pCi/g
AAA1760	49-2016	0	0.5	ALLH	Uranium	2.5	mg/kg	—	—	—
AAA1760	49-2016	0	0.5	ALLH	Chromium, Total	2.9	mg/kg	—	19.3	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Americium-241	3.34	pCi/g	U	0.013	pCi/g
AAA1760	49-2016	0	0.5	ALLH	Thorium-232	3.922	pCi/g	—	2.33	pCi/g
AAA1760	49-2016	0	0.5	ALLH	Lead	5.2	mg/kg	—	22.3	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Nickel	6.9	mg/kg	—	15.4	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1760	49-2016	0	0.5	ALLH	Potassium-40	30.805	pCi/g	—	36.8	pCi/g
AAA1760	49-2016	0	0.5	ALLH	Barium	58.5	mg/kg	—	295	mg/kg
AAA1761	49-2018	0	0.5	ALLH	Plutonium-238	0.006	pCi/g	U	0.023	pCi/g
AAA1761	49-2018	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1761	49-2018	0	0.5	ALLH	Plutonium-239	0.324	pCi/g	—	0.054	pCi/g
AAA1761	49-2018	0	0.5	ALLH	Beryllium	0.53	mg/kg	—	1.83	mg/kg
AAA1761	49-2018	0	0.5	ALLH	Cesium-137	0.557	pCi/g	U	1.65	pCi/g
AAA1761	49-2018	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1761	49-2018	0	0.5	ALLH	Cadmium	0.81	mg/kg	—	0.4	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1763	49-2020	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Cesium-137	0.7066	pCi/g	U	1.65	pCi/g
AAA1763	49-2020	0	0.5	ALLH	Cadmium	0.9	mg/kg	—	0.4	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Arsenic	1.4	mg/kg	—	8.17	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Americium-241	1.4	pCi/g	U	0.013	pCi/g
AAA1763	49-2020	0	0.5	ALLH	Radium-226	1.467	pCi/g	U	2.59	pCi/g
AAA1763	49-2020	0	0.5	ALLH	Thorium-232	1.99	pCi/g	U	2.33	pCi/g
AAA1763	49-2020	0	0.5	ALLH	Uranium	2	mg/kg	—	—	—
AAA1763	49-2020	0	0.5	ALLH	Chromium, Total	3.3	mg/kg	—	19.3	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Nickel	3.7	mg/kg	—	15.4	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Lead	8.4	mg/kg	—	22.3	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1763	49-2020	0	0.5	ALLH	Potassium-40	27.385	pCi/g	—	36.8	pCi/g
AAA1763	49-2020	0	0.5	ALLH	Barium	68.5	mg/kg	—	295	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Plutonium-238	0.004	pCi/g	U	0.023	pCi/g
AAA1764	49-2022	0	0.5	ALLH	Plutonium-239	0.019	pCi/g	U	0.054	pCi/g
AAA1764	49-2022	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Cesium-137	0.119	pCi/g	U	1.65	pCi/g
AAA1764	49-2022	0	0.5	ALLH	Beryllium	0.3	mg/kg	—	1.83	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Cadmium	0.62	mg/kg	—	0.4	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Radium-226	1.27	pCi/g	U	2.59	pCi/g
AAA1764	49-2022	0	0.5	ALLH	Arsenic	1.3	mg/kg	—	8.17	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Uranium	2	mg/kg	—	—	—
AAA1764	49-2022	0	0.5	ALLH	Americium-241	2.24	pCi/g	U	0.013	pCi/g
AAA1764	49-2022	0	0.5	ALLH	Thorium-232	2.816	pCi/g	—	2.33	pCi/g
AAA1764	49-2022	0	0.5	ALLH	Chromium, Total	3.3	mg/kg	—	19.3	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Nickel	5.2	mg/kg	—	15.4	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Lead	8.4	mg/kg	—	22.3	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1764	49-2022	0	0.5	ALLH	Potassium-40	27.491	pCi/g	—	36.8	pCi/g
AAA1764	49-2022	0	0.5	ALLH	Barium	60.1	mg/kg	—	295	mg/kg
AAA1765	49-2024	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	U	0.023	pCi/g
AAA1765	49-2024	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1765	49-2024	0	0.5	ALLH	Plutonium-239	0.044	pCi/g	—	0.054	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1767	49-2026	0	0.5	ALLH	Plutonium-239	0.331	pCi/g	—	0.054	pCi/g
AAA1767	49-2026	0	0.5	ALLH	Beryllium	0.59	mg/kg	—	1.83	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Cesium-137	0.612	pCi/g	U	1.65	pCi/g
AAA1767	49-2026	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Arsenic	1	mg/kg	—	8.17	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Uranium	1.4	mg/kg	—	—	—
AAA1767	49-2026	0	0.5	ALLH	Americium-241	1.56	pCi/g	U	0.013	pCi/g
AAA1767	49-2026	0	0.5	ALLH	Radium-226	2.748	pCi/g	—	2.59	pCi/g
AAA1767	49-2026	0	0.5	ALLH	Nickel	3.7	mg/kg	—	15.4	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Thorium-232	3.82	pCi/g	—	2.33	pCi/g
AAA1767	49-2026	0	0.5	ALLH	Chromium, Total	4.2	mg/kg	—	19.3	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Lead	8.2	mg/kg	—	22.3	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1767	49-2026	0	0.5	ALLH	Potassium-40	41.481	pCi/g	—	36.8	pCi/g
AAA1767	49-2026	0	0.5	ALLH	Barium	52.3	mg/kg	—	295	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Plutonium-238	0.005	pCi/g	U	0.023	pCi/g
AAA1768	49-2028	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Plutonium-239	0.044	pCi/g	—	0.054	pCi/g
AAA1768	49-2028	0	0.5	ALLH	Beryllium	0.3	mg/kg	—	1.83	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Cesium-137	1.027	pCi/g	—	1.65	pCi/g
AAA1768	49-2028	0	0.5	ALLH	Americium-241	1.24	pCi/g	U	0.013	pCi/g
AAA1768	49-2028	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Arsenic	1.6	mg/kg	—	8.17	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Radium-226	1.814	pCi/g	—	2.59	pCi/g
AAA1768	49-2028	0	0.5	ALLH	Uranium	2.1	mg/kg	—	—	—
AAA1768	49-2028	0	0.5	ALLH	Thorium-232	2.67	pCi/g	—	2.33	pCi/g
AAA1768	49-2028	0	0.5	ALLH	Chromium, Total	2.8	mg/kg	—	19.3	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Nickel	4.2	mg/kg	—	15.4	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Lead	7.6	mg/kg	—	22.3	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1768	49-2028	0	0.5	ALLH	Potassium-40	22.339	pCi/g	—	36.8	pCi/g
AAA1768	49-2028	0	0.5	ALLH	Barium	45.4	mg/kg	—	295	mg/kg
AAA1769	49-2030	0	0.5	ALLH	Plutonium-238	0.012	pCi/g	U	0.023	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1771	49-2032	0	0.5	ALLH	Plutonium-238	0.002	pCi/g	U	0.023	pCi/g
AAA1771	49-2032	0	0.5	ALLH	Plutonium-239	0.016	pCi/g	—	0.054	pCi/g
AAA1771	49-2032	0	0.5	ALLH	Mercury	0.02	mg/kg	—	0.1	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Cesium-137	0.524	pCi/g	U	1.65	pCi/g
AAA1771	49-2032	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Beryllium	0.75	mg/kg	—	1.83	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Cadmium	1.3	mg/kg	—	0.4	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Arsenic	1.4	mg/kg	—	8.17	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Radium-226	1.95	pCi/g	—	2.59	pCi/g
AAA1771	49-2032	0	0.5	ALLH	Americium 241	2.4	pCi/g	U	0.013	pCi/g
AAA1771	49-2032	0	0.5	ALLH	Thorium-232	2.466	pCi/g	U	2.33	pCi/g
AAA1771	49-2032	0	0.5	ALLH	Uranium	2.6	mg/kg	—	—	—
AAA1771	49-2032	0	0.5	ALLH	Chromium, Total	6.7	mg/kg	—	19.3	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Nickel	8.7	mg/kg	—	15.4	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Lead	10.3	mg/kg	—	22.3	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1771	49-2032	0	0.5	ALLH	Potassium-40	34.064	pCi/g	—	36.8	pCi/g
AAA1771	49-2032	0	0.5	ALLH	Barium	121	mg/kg	—	295	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Plutonium-238	0.007	pCi/g	U	0.023	pCi/g
AAA1772	49-2034	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Plutonium-239	0.159	pCi/g	—	0.054	pCi/g
AAA1772	49-2034	0	0.5	ALLH	Cesium-137	0.537	pCi/g	U	1.65	pCi/g
AAA1772	49-2034	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Beryllium	0.72	mg/kg	—	1.83	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Cadmium	1	mg/kg	—	0.4	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Arsenic	1.4	mg/kg	—	8.17	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Radium-226	1.53	pCi/g	—	2.59	pCi/g
AAA1772	49-2034	0	0.5	ALLH	Uranium	2.1	mg/kg	—	—	—
AAA1772	49-2034	0	0.5	ALLH	Thorium-232	2.79	pCi/g	U	2.33	pCi/g
AAA1772	49-2034	0	0.5	ALLH	Americium-241	4.24	pCi/g	U	0.013	pCi/g
AAA1772	49-2034	0	0.5	ALLH	Chromium, Total	5.6	mg/kg	—	19.3	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Nickel	8.4	mg/kg	—	15.4	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Lead	9.8	mg/kg	—	22.3	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1772	49-2034	0	0.5	ALLH	Potassium-40	26.059	pCi/g	—	36.8	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1774	49-2037	0	0.5	ALLH	Potassium-40	37.532	pCi/g	—	36.8	pCi/g
AAA1774	49-2037	0	0.5	ALLH	Barium	88.2	mg/kg	—	295	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Plutonium-238	0.003	pCi/g	U	0.023	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Plutonium-239	0.003	pCi/g	U	0.054	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Plutonium-238	0.036	pCi/g	—	0.023	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Plutonium-239	0.037	pCi/g	—	0.054	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Beryllium	0.45	mg/kg	—	1.83	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Arsenic	0.6	mg/kg	U	8.17	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Cesium-137	1.021	pCi/g	—	1.65	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Uranium	1.4	mg/kg	—	—	—
AAA1775	49-2041	0	0.5	ALLH	Radium-226	1.526	pCi/g	U	2.59	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Americium-241	1.99	pCi/g	U	0.013	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Thorium-232	2.539	pCi/g	—	2.33	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Nickel	2.8	mg/kg	U	15.4	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Chromium, Total	3.7	mg/kg	—	19.3	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Lead	13.2	mg/kg	—	22.3	mg/kg
AAA1775	49-2041	0	0.5	ALLH	Potassium-40	31.172	pCi/g	—	36.8	pCi/g
AAA1775	49-2041	0	0.5	ALLH	Barium	52.6	mg/kg	—	295	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Plutonium-238	0.002	pCi/g	U	0.023	pCi/g
AAA1776	49-2043	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Plutonium-239	0.049	pCi/g	—	0.054	pCi/g
AAA1776	49-2043	0	0.5	ALLH	Beryllium	0.47	mg/kg	—	1.83	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Cesium-137	0.804	pCi/g	—	1.65	pCi/g
AAA1776	49-2043	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Arsenic	1.1	mg/kg	—	8.17	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Americium-241	1.35	pCi/g	U	0.013	pCi/g
AAA1776	49-2043	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1776	49-2043	0	0.5	ALLH	Radium-226	1.53	pCi/g	U	2.59	pCi/g
AAA1776	49-2043	0	0.5	ALLH	Uranium	1.6	mg/kg	—	—	—
AAA1776	49-2043	0	0.5	ALLH	Thorium-232	2.18	pCi/g	U	2.33	pCi/g
AAA1776	49-2043	0	0.5	ALLH	Nickel	3.6	mg/kg	—	15.4	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1778	49-2046	0	0.5	ALLH	Chromium, Total	4.9	mg/kg	—	19.3	mg/kg
AAA1778	49-2046	0	0.5	ALLH	Nickel	5.3	mg/kg	—	15.4	mg/kg
AAA1778	49-2046	0	0.5	ALLH	Lead	19.4	mg/kg	—	22.3	mg/kg
AAA1778	49-2046	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1778	49-2046	0	0.5	ALLH	Potassium-40	[illegible].28	pCi/g	—	36.8	pCi/g
AAA1778	49-2046	0	0.5	ALLH	Barium	86.3	mg/kg	—	295	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Mercury	0.03	mg/kg	—	0.1	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Plutonium-238	[illegible].53	pCi/g	—	0.023	pCi/g
AAA1779	49-2050	0	0.5	ALLH	Beryllium	[illegible].96	mg/kg	—	1.83	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Beryllium	2.39	mg/kg	—	1.83	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Cesium-137	0.658	pCi/g	U	1.65	pCi/g
AAA1779	49-2050	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Cadmium	0.8	mg/kg	U	0.4	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Arsenic	0.86	mg/kg	—	8.17	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Arsenic	1.24	mg/kg	—	8.17	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Radium-226	2.826	pCi/g	—	2.59	pCi/g
AAA1779	49-2050	0	0.5	ALLH	Plutonium-239	0.007	pCi/g	—	0.054	pCi/g
AAA1779	49-2050	0	0.5	ALLH	Uranium	3.1	mg/kg	—	—	—
AAA1779	49-2050	0	0.5	ALLH	Americium-241	3.78	pCi/g	U	0.013	pCi/g
AAA1779	49-2050	0	0.5	ALLH	Thorium-232	4.438	pCi/g	—	2.53	pCi/g
AAA1779	49-2050	0	0.5	ALLH	Chromium, Total	4.6	mg/kg	—	19.3	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Nickel	5.5	mg/kg	—	15.4	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Chromium, Total	5.7	mg/kg	—	19.3	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Lead	6.1	mg/kg	—	22.3	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Nickel	6.2	mg/kg	—	15.4	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Lead	6.7	mg/kg	—	22.3	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Potassium-40	41.982	pCi/g	—	36.8	pCi/g
AAA1779	49-2050	0	0.5	ALLH	Barium	76	mg/kg	—	295	mg/kg
AAA1779	49-2050	0	0.5	ALLH	Barium	77.8	mg/kg	—	295	mg/kg
AAA1780	49-2050	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	HFI Qualifier	UTL[b]	Units
AAA1782	49-2052	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Plutonium-238	0.249	pCi/g	—	0.023	pCi/g
AAA1782	49-2052	0	0.5	ALLH	Beryllium	0.43	mg/kg	—	1.83	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Arsenic	0.81	mg/kg	—	8.17	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Cadmium	0.81	mg/kg	—	0.4	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Cesium-137	1.299	pCi/g	—	1.65	pCi/g
AAA1782	49-2052	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Radium-226	1.519	pCi/g	U	2.59	pCi/g
AAA1782	49-2052	0	0.5	ALLH	Thorium-232	2.47	pCi/g	U	2.33	pCi/g
AAA1782	49-2052	0	0.5	ALLH	Uranium	3.1	mg/kg	—	—	—
AAA1782	49-2052	0	0.5	ALLH	Americium-241	3.33	pCi/g	U	0.013	pCi/g
AAA1782	49-2052	0	0.5	ALLH	Chromium, Total	5.6	mg/kg	—	19.3	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Nickel	5.7	mg/kg	—	15.4	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Lead	12.6	mg/kg	—	22.3	mg/kg
AAA1782	49-2052	0	0.5	ALLH	Plutonium-239	13.723	pCi/g	—	0.054	pCi/g
AAA1782	49-2052	0	0.5	ALLH	Potassium-40	36.501	pCi/g	—	36.8	pCi/g
AAA1782	49-2052	0	0.5	ALLH	Barium	103	mg/kg	—	295	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Plutonium-238	0.013	pCi/g	—	0.023	pCi/g
AAA1783	49-2054	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Beryllium	0.31	mg/kg	—	1.83	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Plutonium-239	0.492	pCi/g	—	0.054	pCi/g
AAA1783	49-2054	0	0.5	ALLH	Cesium-137	0.545	pCi/g	U	1.65	pCi/g
AAA1783	49-2054	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Cadmium	0.89	mg/kg	—	0.4	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Arsenic	0.94	mg/kg	—	8.17	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Radium-226	1.869	pCi/g	—	2.59	pCi/g
AAA1783	49-2054	0	0.5	ALLH	Thorium-232	2.518	pCi/g	U	2.33	pCi/g
AAA1783	49-2054	0	0.5	ALLH	Americium-241	2.66	pCi/g	U	0.013	pCi/g
AAA1783	49-2054	0	0.5	ALLH	Uranium	2.7	mg/kg	—	—	—
AAA1783	49-2054	0	0.5	ALLH	Chromium, Total	3.6	mg/kg	—	19.3	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Nickel	3.6	mg/kg	—	15.4	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Lead	5.9	mg/kg	—	22.3	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1783	49-2054	0	0.5	ALLH	Potassium-40	36.454	pCi/g	—	36.8	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1785	49-2056	0	0.5	ALLH	Lead	10.8	mg/kg	—	22.3	mg/kg
AAA1785	49-2056	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1785	49-2056	0	0.5	ALLH	Potassium-40	23.817	pCi/g	—	36.8	pCi/g
AAA1785	49-2056	0	0.5	ALLH	Barium	111	mg/kg	—	295	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Plutonium-238	0.004	pCi/g	U	0.023	pCi/g
AAA1786	49-2058	0	0.5	ALLH	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Plutonium-239	0.082	pCi/g	—	0.054	pCi/g
AAA1786	49-2058	0	0.5	ALLH	Cesium-137	0.503	pCi/g	U	1.65	pCi/g
AAA1786	49-2058	0	0.5	ALLH	Beryllium	0.59	mg/kg	—	1.83	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Cadmium	0.89	mg/kg	—	0.4	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Arsenic	1.1	mg/kg	—	8.17	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Americium-241	1.48	pCi/g	U	0.013	pCi/g
AAA1786	49-2058	0	0.5	ALLH	Radium-226	2.187	pCi/g	—	2.59	pCi/g
AAA1786	49-2058	0	0.5	ALLH	Uranium	2.8	mg/kg	—	—	—
AAA1786	49-2058	0	0.5	ALLH	Thorium-232	3.375	pCi/g	—	2.33	pCi/g
AAA1786	49-2058	0	0.5	ALLH	Nickel	5.8	mg/kg	—	15.4	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Chromium, Total	7.6	mg/kg	—	19.3	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Lead	8.1	mg/kg	—	22.3	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1786	49-2058	0	0.5	ALLH	Potassium-40	34.819	pCi/g	—	36.8	pCi/g
AAA1786	49-2058	0	0.5	ALLH	Barium	103	mg/kg	—	295	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Plutonium-238	0.028	pCi/g	—	0.023	pCi/g
AAA1787	49-2060	0	0.5	ALLH	Mercury	0.03	mg/kg	—	0.1	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Selenium	0.6	mg/kg	U	1.52	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Beryllium	0.7	mg/kg	—	1.83	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Thallium	1	mg/kg	U	0.73	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Cadmium	1.2	mg/kg	—	0.4	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Cesium-137	1.276	pCi/g	—	1.65	pCi/g
AAA1787	49-2060	0	0.5	ALLH	Plutonium-239	1.304	pCi/g	—	0.054	pCi/g
AAA1787	49-2060	0	0.5	ALLH	Silver	1.4	mg/kg	U	1	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Potassium-40	2.963	pCi/g	U	36.8	pCi/g
AAA1787	49-2060	0	0.5	ALLH	Thorium-232	3.048	pCi/g	U	2.33	pCi/g
AAA1787	49-2060	0	0.5	ALLH	Radium-226	3.271	pCi/g	—	2.59	pCi/g
AAA1787	49-2060	0	0.5	ALLH	Arsenic	3.5	mg/kg	—	8.17	mg/kg
AAA1787	49-2060	0	0.5	ALLH	Americium-241	3.69	pCi/g	U	0.013	pCi/g
AAA1787	49-2060	0	0.5	ALLH	Uranium	4.8	mg/kg	—	—	—

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA1789	49-2064	0	0.5	ALLH	Uranium	5.3	mg/kg	—	—	—
AAA1789	49-2064	0	0.5	ALLH	Chromium, Total	5.8	mg/kg	—	19.3	mg/kg
AAA1789	49-2064	0	0.5	ALLH	Antimony	11.2	mg/kg	U	0.83	mg/kg
AAA1789	49-2064	0	0.5	ALLH	Lead	19	mg/kg	—	22.3	mg/kg
AAA1789	49-2064	0	0.5	ALLH	Potassium-40	30.567	pCi/g	—	35.8	pCi/g
AAA1789	49-2064	0	0.5	ALLH	Barium	146	mg/kg	—	295	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Plutonium-239	0.0701	pCi/g	U	0.05	pCi/g
AAA4553	49-2901	24.5	25	QBT3	Americium-241	0.089	pCi/g	U	0.05	pCi/g
AAA4553	49-2901	24.5	25	QBT3	Cesium-137	0.1	pCi/g	U	0.1	pCi/g
AAA4553	49-2901	24.5	25	QBT3	Thallium	0.22	mg/kg	U	1.1	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Thallium	0.22	mg/kg	U	1.1	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Selenium	0.4	mg/kg	U	0.3	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Antimony	0.67	mg/kg	U	0.5	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Antimony	0.67	mg/kg	U	0.5	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Arsenic	0.8	mg/kg	U	2.79	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Silver	1	mg/kg	U	1	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Beryllium	1.1	mg/kg	U	1.21	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Beryllium	1.3	mg/kg	—	1.21	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Plutonium-238	1.38	pCi/g	—	0.05	pCi/g
AAA4553	49-2901	24.5	25	QBT3	Lead	2.1	mg/kg	—	11.2	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Chromium, Total	2.8	mg/kg	—	7.14	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Uranium	4.61	mg/kg	R	—	—
AAA4553	49-2901	24.5	25	QBT3	Nickel	4.9	mg/kg	U	6.58	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Nickel	5.4	mg/kg	—	6.58	mg/kg
AAA4553	49-2901	24.5	25	QBT3	Barium	24.2	mg/kg	U	46	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Plutonium-239	0.0187	pCi/g	U	0.05	pCi/g
AAA4554	49-2901	34.6	36	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Cesium-137	0.085	pCi/g	U	0.1	pCi/g
AAA4554	49-2901	34.6	36	QBT3	Plutonium-238	0.086	pCi/g	U	0.05	pCi/g
AAA4554	49-2901	34.6	36	QBT3	Americium-241	0.089	pCi/g	U	0.05	pCi/g
AAA4554	49-2901	34.6	36	QBT3	Beryllium	0.2	mg/kg	U	1.21	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Thallium	0.2	mg/kg	U	1.1	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Selenium	0.4	mg/kg	U	0.3	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Antimony	0.6	mg/kg	U	0.5	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Cadmium	0.7	mg/kg	U	1.63	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Lead	0.77	mg/kg	—	11.2	mg/kg
AAA4554	49-2901	34.6	36	QBT3	Arsenic	0.8	mg/kg	U	2.79	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4559	49-2901	136	136.7	QBT3	Plutonium-239	0.0087	pCi/g	U	0.05	pCi/g
AAA4559	49-2901	136	136.7	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Plutonium-238	0.081	pCi/g	U	0.05	pCi/g
AAA4559	49-2901	136	136.7	QBT3	Americium-241	0.1	pCi/g	U	0.05	pCi/g
AAA4559	49-2901	136	136.7	QBT3	Cesium-137	0.12	pCi/g	U	0.1	pCi/g
AAA4559	49-2901	136	136.7	QBT3	Thallium	0.2	mg/kg	U	1.1	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Selenium	0.41	mg/kg	U	0.3	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Beryllium	0.43	mg/kg	U	1.21	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Antimony	0.6	mg/kg	U	0.5	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Cadmium	0.61	mg/kg	U	1.63	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Arsenic	0.82	mg/kg	U	2.79	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Chromium, Total	0.82	mg/kg	U	7.14	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Silver	1	mg/kg	U	1	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Nickel	1.2	mg/kg	U	6.58	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Lead	2.8	mg/kg	—	11.2	mg/kg
AAA4559	49-2901	136	136.7	QBT3	Uranium	6.29	mg/kg	R	—	—
AAA4559	49-2901	136	136.7	QBT3	Barium	8.1	mg/kg	U	46	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4560	49-2901	116	116.7	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Cesium-137	0.094	pCi/g	U	0.1	pCi/g
AAA4560	49-2901	116	116.7	QBT3	Americium-241	0.098	pCi/g	U	0.05	pCi/g
AAA4560	49-2901	116	116.7	QBT3	Thallium	0.2	mg/kg	U	1.1	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Plutonium-238	0.089	pCi/g	U	0.05	pCi/g
AAA4560	49-2901	116	116.7	QBT3	Beryllium	0.37	mg/kg	U	1.21	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Selenium	0.41	mg/kg	U	0.3	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Antimony	0.61	mg/kg	U	0.5	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Cadmium	0.62	mg/kg	U	1.63	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Arsenic	0.83	mg/kg	U	2.79	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Chromium, Total	0.83	mg/kg	U	7.14	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Silver	1	mg/kg	U	1	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Nickel	1.2	mg/kg	U	6.58	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Lead	2.7	mg/kg	—	11.2	mg/kg
AAA4560	49-2901	116	116.7	QBT3	Uranium	3.66	mg/kg	R	—	—
AAA4560	49-2901	116	116.7	QBT3	Barium	9.5	mg/kg	U	46	mg/kg
AAA4561	49-2901	78.2	79	QBT3	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4561	49-2901	78.2	79	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4561	49-2901	78.2	79	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4561	49-2901	78.2	79	QBT3	Americium-241	0.075	pCi/g	U	0.05	pCi/g
AAA4561	49-2901	78.2	79	QBT3	Cesium-137	0.097	pCi/g	U	0.1	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4563	49-2901	69.5	70.2	QBT3	Plutonium-239	0.0496	pCi/g	U	0.05	pCi/g
AAA4563	49-2901	69.5	70.2	QBT3	Cesium-137	0.071	pCi/g	U	0.1	pCi/g
AAA4563	49-2901	69.5	70.2	QBT3	Americium-241	0.089	pCi/g	U	0.05	pCi/g
AAA4563	49-2901	69.5	70.2	QBT3	Thallium	0.2	mg/kg	U	1.1	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Beryllium	0.28	mg/kg	U	1.21	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Selenium	0.41	mg/kg	U	0.3	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Antimony	0.6	mg/kg	U	0.5	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Cadmium	0.62	mg/kg	U	1.63	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Lead	0.69	mg/kg	—	11.2	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Arsenic	0.82	mg/kg	U	2.79	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Silver	1	mg/kg	U	1	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Nickel	1.2	mg/kg	U	6.58	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Chromium, Total	1.6	mg/kg	U	7.14	mg/kg
AAA4563	49-2901	69.5	70.2	QBT3	Uranium	4.76	mg/kg	R	—	—
AAA4563	49-2901	69.5	70.2	QBT3	Barium	13.8	mg/kg	U	46	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4564	49-2901	44.6	46.5	QBT3	Plutonium-238	0.0157	pCi/g	U	0.05	pCi/g
AAA4564	49-2901	44.6	46.5	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Cesium-137	0.067	pCi/g	U	0.1	pCi/g
AAA4564	49-2901	44.6	46.5	QBT3	Americium-241	0.073	pCi/g	U	0.05	pCi/g
AAA4564	49-2901	44.6	46.5	QBT3	Beryllium	0.2	mg/kg	U	1.21	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Thallium	0.2	mg/kg	U	1.1	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Selenium	0.4	mg/kg	UJ	0.3	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Cadmium	0.61	mg/kg	U	1.63	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Antimony	0.61	mg/kg	U	0.5	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Lead	0.8	mg/kg	—	11.2	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Arsenic	0.83	mg/kg	UJ	2.79	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Silver	1	mg/kg	U	1	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Chromium, Total	1.9	mg/kg	U	7.14	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Nickel	1.9	mg/kg	U	6.58	mg/kg
AAA4564	49-2901	44.6	46.5	QBT3	Uranium	4.39	mg/kg	R	—	—
AAA4564	49-2901	44.6	46.5	QBT3	Barium	14.4	mg/kg	U	46	mg/kg
AAA4565	49-2901	145.6	147.9	QBT3	Plutonium-239	-0.0109	pCi/g	U	0.05	pCi/g
AAA4565	49-2901	145.6	147.9	QBT3	Plutonium-239	0	pCi/g	—	0.05	pCi/g
AAA4565	49-2901	145.6	147.9	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4565	49-2901	145.6	147.9	QBT3	Cesium-137	0.086	pCi/g	U	0.1	pCi/g
AAA4565	49-2901	145.6	147.9	QBT3	Americium-241	0.11	pCi/g	U	0.05	pCi/g
AAA4565	49-2901	145.6	147.9	QBT3	Plutonium-238	0.175	pCi/g	—	0.05	pCi/g
AAA4565	49-2901	145.6	147.9	QBT3	Plutonium-238	0.181	pCi/g	U	0.05	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4567	49-2901	14.1	15.2	QBT3	Plutonium-238	0.092	pCi/g	U	0.05	pCi/g
AAA4567	49-2901	14.1	15.2	QBT3	Thallium	0.2	mg/kg	U	1.1	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Selenium	0.41	mg/kg	U	0.3	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Selenium	0.41	mg/kg	U	0.3	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Antimony	0.61	mg/kg	U	0.5	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Cadmium	0.64	mg/kg	U	1.63	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Cadmium	0.64	mg/kg	—	1.63	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Beryllium	0.72	mg/kg	U	1.21	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Arsenic	0.82	mg/kg	U	2.79	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Arsenic	0.82	mg/kg	U	2.79	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Silver	1	mg/kg	U	1	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Silver	1	mg/kg	U	1	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Chromium, Total	3	mg/kg	—	7.14	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Chromium, Total	3	mg/kg	—	7.14	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Lead	3.2	mg/kg	—	11.2	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Lead	3.4	mg/kg	—	11.2	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Nickel	4.4	mg/kg	U	6.58	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Uranium	5.16	mg/kg	R	—	—
AAA4567	49-2901	14.1	15.2	QBT3	Barium	23.8	mg/kg	—	46	mg/kg
AAA4567	49-2901	14.1	15.2	QBT3	Barium	27.3	mg/kg	U	46	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Cesium-137	-0.018	pCi/g	U	0.1	pCi/g
AAA4574	49-2903	6.2	7	ALLH	Plutonium-239	0.002	pCi/g	U	0.05	pCi/g
AAA4574	49-2903	6.2	7	ALLH	Plutonium-238	0.014	pCi/g	U	0.05	pCi/g
AAA4574	49-2903	6.2	7	ALLH	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Americium-241	0.051	pCi/g	U	0.05	pCi/g
AAA4574	49-2903	6.2	7	ALLH	Thallium	0.52	mg/kg	U	1.1	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Silver	0.72	mg/kg	U	1	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Silver	0.72	mg/kg	U	1	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Thallium	0.72	mg/kg	—	1.1	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Selenium	0.83	mg/kg	—	0.3	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Selenium	0.93	mg/kg	U	0.3	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Uranium	1.177	mg/kg	R	—	—
AAA4574	49-2903	6.2	7	ALLH	Beryllium	1.7	mg/kg	J	1.21	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Beryllium	1.8	mg/kg	—	1.21	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Cadmium	2	mg/kg	—	1.63	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Cadmium	2.2	mg/kg	—	1.63	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Arsenic	3.4	mg/kg	—	2.79	mg/kg
AAA4574	49-2903	6.2	7	ALLH	Arsenic	3.7	mg/kg	—	2.79	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4576	49-2902	7.4	7.7	ALLH	Cadmium	0.87	mg/kg	U	1.63	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Selenium	1.1	mg/kg	J+	0.3	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Uranium	2.582	mg/kg	R	--	—
AAA4576	49-2902	7.4	7.7	ALLH	Arsenic	2.7	mg/kg	J-	2.79	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Arsenic	3.2	mg/kg	J-	2.79	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Chromium, Total	5	mg/kg	—	7.14	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Chromium, Total	5.3	mg/kg	—	7.14	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Lead	5.9	mg/kg	—	11.2	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Lead	6.3	mg/kg	—	11.2	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Barium	205	mg/kg	—	46	mg/kg
AAA4576	49-2902	7.4	7.7	ALLH	Barium	244	mg/kg	J	46	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Plutonium-238	0.002	pCi/g	U	0.05	pCi/g
AAA4581	49-2905	6.2	6.7	ALLH	Cesium-137	0.004	pCi/g	J-	0.1	pCi/g
AAA4581	49-2905	6.2	6.7	ALLH	Plutonium-239	0.014	pCi/g	—	0.05	pCi/g
AAA4581	49-2905	6.2	6.7	ALLH	Mercury	0.04	mg/kg	U	0.1	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Americium-241	0.101	pCi/g	U	0.05	pCi/g
AAA4581	49-2905	6.2	6.7	ALLH	Beryllium	0.59	mg/kg	UJ	1.21	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Thallium	0.7	mg/kg	U	1.1	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Silver	0.98	mg/kg	U	1	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Selenium	1	mg/kg	U	0.3	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Cadmium	1.4	mg/kg	U	1.63	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Arsenic	1.7	mg/kg	U	2.79	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Uranium	2.071	mg/kg	R	—	—
AAA4581	49-2905	6.2	6.7	ALLH	Lead	4.3	mg/kg	—	11.2	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Chromium, Total	4.4	mg/kg	—	7.14	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Nickel	7.3	mg/kg	U	6.58	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Antimony	7.4	mg/kg	U	0.5	mg/kg
AAA4581	49-2905	6.2	6.7	ALLH	Barium	273	mg/kg	—	46	mg/kg
AAA4593	49-2901	133	134	QBT3	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4593	49-2901	133	134	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4593	49-2901	133	134	QBT3	Mercury	0.02	mg/kg	U	0.1	mg/kg
AAA4593	49-2901	133	134	QBT3	Plutonium-238	0.071	pCi/g	U	0.05	pCi/g
AAA4593	49-2901	133	134	QBT3	Cesium-137	0.075	pCi/g	U	0.1	pCi/g
AAA4593	49-2901	133	134	QBT3	Americium-241	0.086	pCi/g	U	0.05	pCi/g
AAA4593	49-2901	133	134	QBT3	Thallium	0.2	mg/kg	U	1.1	mg/kg
AAA4593	49-2901	133	134	QBT3	Beryllium	0.35	mg/kg	U	1.21	mg/kg
AAA4593	49-2901	133	134	QBT3	Selenium	0.41	mg/kg	U	0.3	mg/kg
AAA4593	49-2901	133	134	QBT3	Selenium	0.47	mg/kg	UJ	0.3	mg/kg
AAA4593	49-2901	133	134	QBT3	Antimony	0.61	mg/kg	U	0.5	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4602	49-2907	5	5.5	ALLH	Silver	0.88	mg/kg	U	1	mg/kg
AAA4602	49-2907	5	5.5	ALLH	Cadmium	0.91	mg/kg	U	1.63	mg/kg
AAA4602	49-2907	5	5.5	ALLH	Selenium	0.94	mg/kg	U	0.3	mg/kg
AAA4602	49-2907	5	5.5	ALLH	Plutonium-239	2.502	pCi/g	R	0.05	pCi/g
AAA4602	49-2907	5	5.5	ALLH	Arsenic	2.7	mg/kg	U	2.79	mg/kg
AAA4602	49-2907	5	5.5	ALLH	Plutonium-238	3.811	pCi/g	R	0.05	pCi/g
AAA4602	49-2907	5	5.5	ALLH	Nickel	4.9	mg/kg	U	6.58	mg/kg
AAA4602	49-2907	5	5.5	ALLH	Chromium, Total	5	mg/kg	—	7.14	mg/kg
AAA4602	49-2907	5	5.5	ALLH	Antimony	6.6	mg/kg	U	0.5	mg/kg
AAA4602	49-2907	5	5.5	ALLH	Barium	211	mg/kg	—	46	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4603	49-2907	76.5	79	QBT4	Plutonium-238	0	pCi/g	U	0.05	pCi/g
AAA4603	49-2907	76.5	79	QBT4	Cesium-137	0.015	pCi/g	—	0.1	pCi/g
AAA4603	49-2907	76.5	79	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Americium-241	0.036	pCi/g	U	0.05	pCi/g
AAA4603	49-2907	76.5	79	QBT4	Uranium	0.115	mg/kg	R	—	—
AAA4603	49-2907	76.5	79	QBT4	Uranium	0.141	mg/kg	R	—	—
AAA4603	49-2907	76.5	79	QBT4	Beryllium	0.39	mg/kg	UJ	1.21	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Silver	0.56	mg/kg	U	1	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Arsenic	0.71	mg/kg	U	2.79	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Lead	0.82	mg/kg	—	11.2	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Selenium	1.7	mg/kg	U	0.3	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Nickel	3.3	mg/kg	U	6.58	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Antimony	4.4	mg/kg	U	0.5	mg/kg
AAA4603	49-2907	76.5	79	QBT4	Barium	10.3	mg/kg	U	46	mg/kg
AAA4604	49-2907	138	138.7	QBT3	Americium-241	-0.115	pCi/g	U	0.05	pCi/g
AAA4604	49-2907	138	138.7	QBT3	Cesium-137	-0.004	pCi/g	U	0.1	pCi/g
AAA4604	49-2907	138	138.7	QBT3	Plutonium-238	0.001	pCi/g	U	0.05	pCi/g
AAA4604	49-2907	138	138.7	QBT3	Plutonium-239	0.002	pCi/g	U	0.05	pCi/g
AAA4604	49-2907	138	138.7	QBT3	Antimony	0.02	mg/kg	U	0.5	mg/kg
AAA4604	49-2907	138	138.7	QBT3	Nickel	0.02	mg/kg	U	6.58	mg/kg
AAA4604	49-2907	138	138.7	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4604	49-2907	138	138.7	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4604	49-2907	138	138.7	QBT3	Uranium	0.131	mg/kg	R	—	—
AAA4604	49-2907	138	138.7	QBT3	Beryllium	0.28	mg/kg	UJ	1.21	mg/kg
AAA4604	49-2907	138	138.7	QBT3	Arsenic	0.41	mg/kg	U	2.79	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4606	49-2907	53.5	54.2	QBT4	Cesium-137	0.009	pCi/g	--	0.1	pCi/g
AAA4606	49-2907	53.5	54.2	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Americium-241	0.032	pCi/g	U	0.05	pCi/g
AAA4606	49-2907	53.5	54.2	QBT4	Uranium	0.237	mg/kg	R	--	--
AAA4606	49-2907	53.5	54.2	QBT4	Selenium	0.43	mg/kg	U	0.3	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Thallium	0.43	mg/kg	U	1.1	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Silver	0.6	mg/kg	U	1	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Cadmium	0.62	mg/kg	U	1.63	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Beryllium	0.86	mg/kg	UJ	1.21	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Arsenic	0.96	mg/kg	U	2.79	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Lead	1.5	mg/kg	--	11.2	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Chromium, Total	1.6	mg/kg	U	7.14	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Nickel	3.4	mg/kg	U	6.58	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Antimony	4.5	mg/kg	U	0.5	mg/kg
AAA4606	49-2907	53.5	54.2	QBT4	Barium	26.2	mg/kg	U	46	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Americium-241	-0.074	pCi/g	U	0.05	pCi/g
AAA4607	49-2907	145	145.6	QBT3	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4607	49-2907	145	145.6	QBT3	Plutonium-238	0.002	pCi/g	U	0.05	pCi/g
AAA4607	49-2907	145	145.6	QBT3	Cesium-137	0.007	pCi/g	--	0.1	pCi/g
AAA4607	49-2907	145	145.6	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Uranium	0.2	mg/kg	R	--	--
AAA4607	49-2907	145	145.6	QBT3	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Beryllium	0.5	mg/kg	--	1.21	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Beryllium	0.5	mg/kg	UJ	1.21	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Silver	0.58	mg/kg	U	1	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Silver	0.58	mg/kg	U	1	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Lead	1.3	mg/kg	--	11.2	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Lead	1.4	mg/kg	--	11.2	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Selenium	1.7	mg/kg	U	0.3	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Selenium	1.7	mg/kg	U	0.3	mg/kg
AAA4607	49-2907	145	145.6	QBT3	Nickel	3.2	mg/kg	U	6.58	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4610	49-2907	125	126.5	QBT3	Americium-241	-0.028	pCi/g	U	0.05	pCi/g
AAA4610	49-2907	125	126.5	QBT3	Cesium-137	-0.01	pCi/g	U	0.1	pCi/g
AAA4610	49-2907	125	126.5	QBT3	Plutonium-239	0.001	pCi/g	U	0.05	pCi/g
AAA4610	49-2907	125	126.5	QBT3	Plutonium-238	0.005	pCi/g	—	0.05	pCi/g
AAA4610	49-2907	125	126.5	QBT3	Americium-241	0.011	pCi/g	U	0.05	pCi/g
AAA4610	49-2907	125	126.5	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Cesium-137	0.039	pCi/g	—	0.1	pCi/g
AAA4610	49-2907	125	126.5	QBT3	Uranium	0.316	mg/kg	R	—	—
AAA4610	49-2907	125	126.5	QBT3	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Silver	0.57	mg/kg	U	1	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Beryllium	0.6	mg/kg	UJ	1.21	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Lead	1.1	mg/kg	—	11.2	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Selenium	1.6	mg/kg	U	0.3	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Nickel	3.2	mg/kg	U	6.58	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Antimony	4.4	mg/kg	U	0.5	mg/kg
AAA4610	49-2907	125	126.5	QBT3	Barium	9.7	mg/kg	U	46	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Americium-241	-0.022	pCi/g	U	0.05	pCi/g
AAA4611	49-2907	36.5	37	QBT4	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4611	49-2907	36.5	37	QBT4	Cesium-137	0.002	pCi/g	—	0.1	pCi/g
AAA4611	49-2907	36.5	37	QBT4	Plutonium-238	0.009	pCi/g	U	0.05	pCi/g
AAA4611	49-2907	36.5	37	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Uranium	0.333	mg/kg	R	—	—
AAA4611	49-2907	36.5	37	QBT4	Thallium	0.44	mg/kg	U	1.1	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Silver	0.62	mg/kg	U	1	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Cadmium	0.64	mg/kg	U	1.63	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Beryllium	0.76	mg/kg	UJ	1.21	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Arsenic	0.84	mg/kg	U	2.79	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Selenium	1.8	mg/kg	U	0.3	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Chromium, Total	3.1	mg/kg	—	7.14	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Lead	3.2	mg/kg	—	11.2	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Nickel	3.5	mg/kg	U	6.58	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Antimony	4.7	mg/kg	U	0.5	mg/kg
AAA4611	49-2907	36.5	37	QBT4	Barium	20.5	mg/kg	U	46	mg/kg
AAA4612	49-2907	76.5	79	QBT4	Plutonium-238	0	pCi/g	U	0.05	pCi/g
AAA4612	49-2907	76.5	79	QBT4	Plutonium-239	0.004	pCi/g	—	0.05	pCi/g
AAA4612	49-2907	76.5	79	QBT4	Cesium-137	0.005	pCi/g	—	0.1	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4614	49-2907	14.5	16.5	QBT4	Silver	0.68	mg/kg	U	1	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Silver	0.68	mg/kg	U	1	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Cadmium	0.71	mg/kg	U	1.63	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Cadmium	0.71	mg/kg	U	1.63	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Beryllium	0.71	mg/kg	UJ	1.21	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Selenium	0.73	mg/kg	U	0.3	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Selenium	0.73	mg/kg	U	0.3	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Arsenic	0.94	mg/kg	—	2.79	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Arsenic	0.98	mg/kg	U	2.79	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Chromium, Total	1.7	mg/kg	U	7.14	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Chromium, Total	1.7	mg/kg	U	7.14	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Nickel	4.1	mg/kg	U	6.58	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Antimony	5.2	mg/kg	U	0.5	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Lead	5.5	mg/kg	—	11.2	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Lead	6.3	mg/kg	—	11.2	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Barium	21	mg/kg	U	46	mg/kg
AAA4614	49-2907	14.5	16.5	QBT4	Barium	22	mg/kg	—	46	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Plutonium-239	0.001	pCi/g	U	0.05	pCi/g
AAA4615	49-2907	115.3	115.8	QBT3	Plutonium-238	0.005	pCi/g	U	0.05	pCi/g
AAA4615	49-2907	115.3	115.8	QBT3	Cesium-137	0.008	pCi/g	—	0.1	pCi/g
AAA4615	49-2907	115.3	115.8	QBT3	Americium-241	0.016	pCi/g	U	0.05	pCi/g
AAA4615	49-2907	115.3	115.8	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Uranium	0.223	mg/kg	R	—	—
AAA4615	49-2907	115.3	115.8	QBT3	Beryllium	0.3	mg/kg	UJ	1.21	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Arsenic	0.54	mg/kg	U	2.79	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Silver	0.57	mg/kg	U	1	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Lead	0.96	mg/kg	—	11.2	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Selenium	1.6	mg/kg	U	0.3	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Nickel	3.2	mg/kg	U	6.58	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Antimony	4.3	mg/kg	U	0.5	mg/kg
AAA4615	49-2907	115.3	115.8	QBT3	Barium	6.4	mg/kg	U	46	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Cesium-137	-0.015	pCi/g	U	0.1	pCi/g
AAA4616	49-2907	84.7	85.2	QBT4	Plutonium-238	0.001	pCi/g	U	0.05	pCi/g
AAA4616	49-2907	84.7	85.2	QBT4	Plutonium-239	0.002	pCi/g	U	0.05	pCi/g
AAA4616	49-2907	84.7	85.2	QBT4	Americium-241	0.019	pCi/g	U	0.05	pCi/g
AAA4616	49-2907	84.7	85.2	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth*	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4616	49-2907	84.7	85.2	QBT4	Uranium	0.146	mg/kg	R	—	—
AAA4616	49-2907	84.7	85.2	QBT4	Uranium	0.16	mg/kg	R	—	—
AAA4616	49-2907	84.7	85.2	QBT4	Beryllium	0.27	mg/kg	UJ	1.21	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Silver	0.57	mg/kg	U	1	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Lead	0.68	mg/kg	—	11.2	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Selenium	1.6	mg/kg	U	0.3	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Nickel	3.2	mg/kg	U	6.58	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Antimony	4.3	mg/kg	U	0.5	mg/kg
AAA4616	49-2907	84.7	85.2	QBT4	Barium	7.9	mg/kg	U	46	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Americium-241	-0.021	pCi/g	U	0.05	pCi/g
AAA4618	49-2907	47	47.5	QBT4	Cesium-137	0.021	pCi/g	U	0.1	pCi/g
AAA4618	49-2907	47	47.5	QBT4	Plutonium-239	0	pCi/g	U	0.05	pCi/g
AAA4618	49-2907	47	47.5	QBT4	Plutonium-238	0	pCi/g	U	0.05	pCi/g
AAA4618	49-2907	47	47.5	QBT4	Cesium-137	0.023	pCi/g	—	0.1	pCi/g
AAA4618	49-2907	47	47.5	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Americium-241	0.035	pCi/g	U	0.05	pCi/g
AAA4618	49-2907	47	47.5	QBT4	Uranium	0.22	mg/kg	R	—	—
AAA4618	49-2907	47	47.5	QBT4	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Beryllium	0.52	mg/kg	UJ	1.21	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Silver	0.57	mg/kg	U	1	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Selenium	1.6	mg/kg	U	0.3	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Lead	3	mg/kg	—	11.2	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Nickel	3.2	mg/kg	U	6.58	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Antimony	4.3	mg/kg	U	0.5	mg/kg
AAA4618	49-2907	47	47.5	QBT4	Barium	16	mg/kg	U	46	mg/kg
AAA4619	49-2907	125	126.5	QBT3	Americium-241	-0.07	pCi/g	U	0.05	pCi/g
AAA4619	49-2907	125	126.5	QBT3	Cesium-137	-0.018	pCi/g	U	0.1	pCi/g
AAA4619	49-2907	125	126.5	QBT3	Plutonium-239	0.001	pCi/g	U	0.05	pCi/g
AAA4619	49-2907	125	126.5	QBT3	Plutonium-239	0.001	pCi/g	—	0.05	pCi/g
AAA4619	49-2907	125	126.5	QBT3	Plutonium-238	0.001	pCi/g	U	0.05	pCi/g
AAA4619	49-2907	125	126.5	QBT3	Plutonium-238	0.007	pCi/g	U	0.05	pCi/g
AAA4619	49-2907	125	126.5	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4622	49-2906	53.5	54	QBT4	Thallium	0.44	mg/kg	U	1.1	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Silver	0.61	mg/kg	U	1	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Cadmium	0.63	mg/kg	U	1.63	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Selenium	0.65	mg/kg	U	0.3	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Beryllium	1	mg/kg	UJ	1.21	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Arsenic	1.1	mg/kg	U	2.79	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Lead	1.4	mg/kg	—	11.2	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Chromium, Total	2.8	mg/kg	—	7.14	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Nickel	3.4	mg/kg	U	6.58	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Antimony	4.6	mg/kg	U	0.5	mg/kg
AAA4622	49-2906	53.5	54	QBT4	Barium	21.4	mg/kg	U	46	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Plutonium-239	0.002	pCi/g	U	0.05	pCi/g
AAA4623	49-2906	67.5	68	QBT4	Cesium-137	0.002	pCi/g	—	0.1	pCi/g
AAA4623	49-2906	67.5	68	QBT4	Ethylbenzene	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Styrene	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichloropropene[cis-1,3-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichloropropene[trans-1,3-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Toluene	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Chlorodibromomethane	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Xylene (Total)	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Carbon Tetrachloride	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Bromoform	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Carbon Disulfide	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Trichloroethane[1,1,1-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Benzene	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Trichloroethene	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Trichloroethane[1,1,2-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichloropropane[1,2-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichloroethene[1,1-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichloroethane[1,1-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Bromodichloromethane	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Chloroform	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Tetrachloroethene	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Chlorobenzene	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichloroethane[1,2-]	0.005	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Plutonium-238	0.007	pCi/g	—	0.05	pCi/g
AAA4623	49-2906	67.5	68	QBT4	Methylene Chloride	0.008	mg/kg	U	—	—

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4623	49-2906	67.5	68	QBT4	Diethylphthalate	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Acenaphthene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Isophorone	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Hexachlorocyclopentadiene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Hexachloroethane	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Anthracene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Hexachlorobenzene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Di-n-octylphthalate	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Bis(2-chloroethoxy)methane	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Bis(2-chloroethyl)ether	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Phenol	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Bromophenyl-phenylether[4-]	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dimethylphenol[2,4-]	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Methylphenol[4-]	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Chloroaniline[4-]	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Dichlorobenzene[1,4-]	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Benzyl Alcohol	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Fluoranthene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Benzo(k)fluoranthene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Chrysene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Acenaphthylene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Benzo(b)fluoranthene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Hexachlorobutadiene	0.35	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Thallium	0.42	mg/kg	U	1.1	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Beryllium	0.46	mg/kg	UJ	1.21	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Uranium	0.574	mg/kg	R	—	—
AAA4623	49-2906	67.5	68	QBT4	Silver	0.58	mg/kg	U	1	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Arsenic	0.6	mg/kg	U	2.79	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Selenium	0.62	mg/kg	U	0.3	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Lead	0.91	mg/kg	—	11.2	mg/kg
AAA4623	49-2906	67.5	68	QBT4	Nitroaniline[4-]	1.7	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Nitroaniline[2-]	1.7	mg/kg	U	—	—
AAA4623	49-2906	67.5	68	QBT4	Trichlorophenol[2,4,5-]	1.7	mg/kg	U	—	—

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4625	49-2906	15.9	16.5	QBT4	Lead	1.6	mg/kg	—	11.2	mg/kg
AAA4625	49-2906	15.9	16.5	QBT4	Chromium, Total	1.7	mg/kg	U	7.14	mg/kg
AAA4625	49-2906	15.9	16.5	QBT4	Nickel	4	mg/kg	U	6.58	mg/kg
AAA4625	49-2906	15.9	16.5	QBT4	Antimony	5.2	mg/kg	U	0.5	mg/kg
AAA4625	49-2906	15.9	16.5	QBT4	Barium	20.6	mg/kg	U	46	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Americium-241	-0.054	pCi/g	U	0.05	pCi/g
AAA4626	49-2906	75.5	76.8	QBT4	Cesium-137	-0.022	pCi/g	U	0.1	pCi/g
AAA4626	49-2906	75.5	76.8	QBT4	Plutonium-238	0.011	pCi/g	U	0.05	pCi/g
AAA4626	49-2906	75.5	76.8	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Beryllium	0.04	mg/kg	UJ	1.21	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Plutonium-239	0.106	pCi/g	—	0.05	pCi/g
AAA4626	49-2906	75.5	76.8	QBT4	Thallium	0.42	mg/kg	U	1.1	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Uranium	0.544	mg/kg	R	—	—
AAA4626	49-2906	75.5	76.8	QBT4	Silver	0.59	mg/kg	U	1	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Silver	0.59	mg/kg	U	1	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Cadmium	0.61	mg/kg	U	1.63	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Cadmium	0.61	mg/kg	U	1.63	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Selenium	0.63	mg/kg	U	0.3	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Selenium	0.63	mg/kg	U	0.3	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Arsenic	0.72	mg/kg	—	2.79	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Arsenic	0.75	mg/kg	U	2.79	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Lead	0.76	mg/kg	—	11.2	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Lead	0.86	mg/kg	—	11.2	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Chromium, Total	1.5	mg/kg	U	7.14	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Chromium, Total	2.3	mg/kg	—	7.14	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Nickel	3.3	mg/kg	U	6.58	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Antimony	4.4	mg/kg	U	0.5	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Barium	15.9	mg/kg	U	46	mg/kg
AAA4626	49-2906	75.5	76.8	QBT4	Barium	17.1	mg/kg	—	46	mg/kg
AAA4627	49-2906	40.5	42.3	QBT4	Americium-241	-0.085	pCi/g	U	0.05	pCi/g
AAA4627	49-2906	40.5	42.3	QBT4	Cesium-137	0.001	pCi/g	—	0.1	pCi/g
AAA4627	49-2906	40.5	42.3	QBT4	Plutonium-239	0.007	pCi/g	U	0.05	pCi/g
AAA4627	49-2906	40.5	42.3	QBT4	Plutonium-238	0.007	pCi/g	U	0.05	pCi/g
AAA4627	49-2906	40.5	42.3	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4627	49-2906	40.5	42.3	QBT4	Thallium	0.44	mg/kg	U	1.1	mg/kg
AAA4627	49-2906	40.5	42.3	QBT4	Beryllium	0.51	mg/kg	UJ	1.21	mg/kg
AAA4627	49-2906	40.5	42.3	QBT4	Uranium	0.548	mg/kg	R	—	—
AAA4627	49-2906	40.5	42.3	QBT4	Uranium	0.614	mg/kg	R	—	—

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4628	49-2906	75.5	76.8	QBT4	Acetone	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Hexanone[2-]	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Vinyl Chloride	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Chloroethane	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Chloromethane	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Butanone[2-]	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Vinyl Acetate	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Methyl-2-pentanone[4-]	0.011	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4628	49-2906	75.5	76.8	QBT4	Di-n-octylphthalate	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Butylbenzylphthalate	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Benzo(b)fluoranthene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Fluoranthene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Acenaphthylene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Chrysene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Benzo(k)fluoranthene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Chlorophenol[2-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Dichlorobenzene[1,2-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Methylphenol[2-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Chloronaphthalene[2-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Methylnaphthalene[2-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Naphthalene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Nitrobenzene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Nitrophenol[2-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Trichlorophenol[2,4,6-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Hexachlorobutadiene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Fluorene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Nitrosodiphenylamine[N-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Phenanthrene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Benzo(a)pyrene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Benzo(g,h,i)perylene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Dibenzofuran	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Dimethyl Phthalate	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Pyrene	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Dinitrotoluene[2,4-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Dichlorophenol[2,4-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Dinitrotoluene[2,6-]	0.35	mg/kg	U	—	—

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4628	49-2906	75.5	76.8	QBT4	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Dinitrophenol[2,4-]	1.8	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Benzoic Acid	1.8	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Nitrophenol[4-]	1.8	mg/kg	U	—	—
AAA4628	49-2906	75.5	76.8	QBT4	Chromium, Total	1.9	mg/kg	U	7.14	mg/kg
AAA4628	49-2906	75.5	76.8	QBT4	Nickel	3.3	mg/kg	U	6.58	mg/kg
AAA4628	49-2906	75.5	76.8	QBT4	Antimony	4.4	mg/kg	U	0.5	mg/kg
AAA4628	49-2906	75.5	76.8	QBT4	Barium	22.9	mg/kg	U	46	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Americium-241	0.001	pCi/g	U	0.05	pCi/g
AAA4629	49-2906	144.7	145.3	QBT3	Plutonium-239	0.002	pCi/g	U	0.05	pCi/g
AAA4629	49-2906	144.7	145.3	QBT3	Plutonium-238	0.002	pCi/g	U	0.05	pCi/g
AAA4629	49-2906	144.7	145.3	QBT3	Cesium-137	0.013	pCi/g	—	0.1	pCi/g
AAA4629	49-2906	144.7	145.3	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Uranium	0.197	mg/kg	R	—	—
AAA4629	49-2906	144.7	145.3	QBT3	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Beryllium	0.52	mg/kg	UJ	1.21	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Silver	0.58	mg/kg	U	1	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Arsenic	0.78	mg/kg	U	2.79	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Selenium	1.7	mg/kg	U	0.3	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Nickel	3.3	mg/kg	U	6.58	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Antimony	4.4	mg/kg	U	0.5	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Lead	5.8	mg/kg	—	11.2	mg/kg
AAA4629	49-2906	144.7	145.3	QBT3	Barium	5.9	mg/kg	U	46	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Plutonium-238	0.005	pCi/g	U	0.05	pCi/g
AAA4630	49-2906	38.3	38.8	QBT4	Cesium-137	0.012	pCi/g	—	0.1	pCi/g
AAA4630	49-2906	38.3	38.8	QBT4	Americium-241	0.016	pCi/g	U	0.05	pCi/g
AAA4630	49-2906	38.3	38.8	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Plutonium-239	0.399	pCi/g	—	0.05	pCi/g
AAA4630	49-2906	38.3	38.8	QBT4	Thallium	0.44	mg/kg	U	1.1	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Uranium	0.454	mg/kg	R	—	—
AAA4630	49-2906	38.3	38.8	QBT4	Beryllium	0.57	mg/kg	UJ	1.21	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Silver	0.62	mg/kg	U	1	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Cadmium	0.64	mg/kg	U	1.63	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Selenium	0.66	mg/kg	U	0.3	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Lead	1.5	mg/kg	—	11.2	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Arsenic	2.5	mg/kg	—	2.79	mg/kg
AAA4630	49-2906	38.3	38.8	QBT4	Chromium, Total	3.1	mg/kg	—	7.14	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4632	49-2906	85	85.5	QBT4	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Arsenic	0.42	mg/kg	U	2.79	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Beryllium	0.43	mg/kg	UJ	1.21	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Silver	0.57	mg/kg	U	1	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Silver	0.57	mg/kg	U	1	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Selenium	0.61	mg/kg	U	0.3	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Selenium	0.61	mg/kg	U	0.3	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Lead	0.9	mg/kg	—	11.2	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Lead	1.1	mg/kg	—	11.2	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Nickel	3.2	mg/kg	U	6.58	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Antimony	4.3	mg/kg	U	0.5	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Barium	5.6	mg/kg	U	46	mg/kg
AAA4632	49-2906	85	85.5	QBT4	Barium	6.8	mg/kg	—	46	mg/kg
AAA4633	49-2906	125	126	QBT3	Cesium-137	-0.011	pCi/g	U	0.1	pCi/g
AAA4633	49-2906	125	126	QBT3	Plutonium-238	0.002	pCi/g	U	0.05	pCi/g
AAA4633	49-2906	125	126	QBT3	Plutonium-239	0.009	pCi/g	U	0.05	pCi/g
AAA4633	49-2906	125	126	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4633	49-2906	125	126	QBT3	Americium-241	0.046	pCi/g	U	0.05	pCi/g
AAA4633	49-2906	125	126	QBT3	Uranium	0.191	mg/kg	R	—	—
AAA4633	49-2906	125	126	QBT3	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4633	49-2906	125	126	QBT3	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4633	49-2906	125	126	QBT3	Beryllium	0.53	mg/kg	U	1.21	mg/kg
AAA4633	49-2906	125	126	QBT3	Silver	0.57	mg/kg	U	1	mg/kg
AAA4633	49-2906	125	126	QBT3	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4633	49-2906	125	126	QBT3	Lead	0.62	mg/kg	—	11.2	mg/kg
AAA4633	49-2906	125	126	QBT3	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4633	49-2906	125	126	QBT3	Selenium	1.6	mg/kg	U	0.3	mg/kg
AAA4633	49-2906	125	126	QBT3	Nickel	3.2	mg/kg	U	6.58	mg/kg
AAA4633	49-2906	125	126	QBT3	Antimony	4.3	mg/kg	U	0.5	mg/kg
AAA4633	49-2906	125	126	QBT3	Barium	13.4	mg/kg	U	46	mg/kg
AAA4634	49-2906	125	126	QBT3	Plutonium-239	0.001	pCi/g	U	0.05	pCi/g
AAA4634	49-2906	125	126	QBT3	Plutonium-238	0.002	pCi/g	U	0.05	pCi/g
AAA4634	49-2906	125	126	QBT3	Cesium-137	0.01	pCi/g	—	0.1	pCi/g
AAA4634	49-2906	125	126	QBT3	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4634	49-2906	125	126	QBT3	Americium-241	0.041	pCi/g	U	0.05	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4636	49-2906	135.2	135.7	QBT3	Silver	0.58	mg/kg	U	1	mg/kg
AAA4636	49-2906	135.2	135.7	QBT3	Cadmium	0.6	mg/kg	U	1.63	mg/kg
AAA4636	49-2906	135.2	135.7	QBT3	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4636	49-2906	135.2	135.7	QBT3	Selenium	1.6	mg/kg	U	0.3	mg/kg
AAA4636	49-2906	135.2	135.7	QBT3	Lead	1.6	mg/kg	—	11.2	mg/kg
AAA4636	49-2906	135.2	135.7	QBT3	Nickel	3.3	mg/kg	U	6.58	mg/kg
AAA4636	49-2906	135.2	135.7	QBT3	Antimony	4.4	mg/kg	U	0.5	mg/kg
AAA4636	49-2906	135.2	135.7	QBT3	Barium	8.6	mg/kg	U	46	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Plutonium-239	0.001	pCi/g	R	0.05	pCi/g
AAA4637	49-2906	91	91.5	QBT4	Plutonium-238	0.002	pCi/g	R	0.05	pCi/g
AAA4637	49-2906	91	91.5	QBT4	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Cesium-137	0.036	pCi/g	J-	0.1	pCi/g
AAA4637	49-2906	91	91.5	QBT4	Mercury	0.04	mg/kg	U	0.1	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Americium-241	0.065	pCi/g	UJ-	0.05	pCi/g
AAA4637	49-2906	91	91.5	QBT4	Uranium	0.202	mg/kg	R	—	—
AAA4637	49-2906	91	91.5	QBT4	Beryllium	0.31	mg/kg	UJ	1.21	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Arsenic	0.41	mg/kg	U	2.79	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Thallium	0.41	mg/kg	U	1.1	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Silver	0.57	mg/kg	U	1	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Silver	0.57	mg/kg	U	1	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Cadmium	0.59	mg/kg	U	1.63	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Selenium	0.61	mg/kg	U	0.3	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Selenium	0.61	mg/kg	U	0.3	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Chromium, Total	1.4	mg/kg	U	7.14	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Nickel	3.2	mg/kg	U	6.58	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Antimony	4.3	mg/kg	U	0.5	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Lead	5.3	mg/kg	—	11.2	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Lead	5.3	mg/kg	—	11.2	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Barium	7.9	mg/kg	—	46	mg/kg
AAA4637	49-2906	91	91.5	QBT4	Barium	7.9	mg/kg	U	46	mg/kg
AAA4638	49-2903	2.1	2.7	ALLH	Cesium-137	-0.01	pCi/g	U	0.1	pCi/g
AAA4638	49-2903	2.1	2.7	ALLH	Plutonium-239	0.005	pCi/g	U	0.05	pCi/g
AAA4638	49-2903	2.1	2.7	ALLH	Americium-241	0.007	pCi/g	U	0.05	pCi/g
AAA4638	49-2903	2.1	2.7	ALLH	Plutonium-238	0.016	pCi/g	U	0.05	pCi/g
AAA4638	49-2903	2.1	2.7	ALLH	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4638	49-2903	2.1	2.7	ALLH	Thallium	0.51	mg/kg	U	1.1	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4640	49-2905	2.5	3	ALLH	Arsenic	1	mg/kg	U	2.79	mg/kg
AAA4640	49-2905	2.5	3	ALLH	Plutonium-238	3.106	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-238	3.2	pCi/g	—	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Lead	3.5	mg/kg	—	11.2	mg/kg
AAA4640	49-2905	2.5	3	ALLH	Chromium, Total	3.9	mg/kg	—	7.14	mg/kg
AAA4640	49-2905	2.5	3	ALLH	Nickel	3.9	mg/kg	U	6.58	mg/kg
AAA4640	49-2905	2.5	3	ALLH	Plutonium-238	4.2	pCi/g	—	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-238	4.3	pCi/g	—	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-238	4.4	pCi/g	—	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-238	4.8	pCi/g	—	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-238	5.1	pCi/g	—	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Antimony	5.3	mg/kg	U	0.5	mg/kg
AAA4640	49-2905	2.5	3	ALLH	Americium-241	15.5	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Americium-241	28.7	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Americium-241	31.7	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Americium-241	31.9	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Americium-241	33.5	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Americium-241	59	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Barium	65.1	mg/kg	—	46	mg/kg
AAA4640	49-2905	2.5	3	ALLH	Americium-241	66.639	pCi/g	—	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-239	69.9	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-239	137.2	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-239	157.5	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-239	164.7	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-239	176.8	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-239	178.16	pCi/g	J	0.05	pCi/g
AAA4640	49-2905	2.5	3	ALLH	Plutonium-239	291.4	pCi/g	J	0.05	pCi/g
AAA4641	49-2904	2.4	3	ALLH	Americium-241	-0.097	pCi/g	U	0.05	pCi/g
AAA4641	49-2904	2.4	3	ALLH	Plutonium-239	0.007	pCi/g	U	0.05	pCi/g
AAA4641	49-2904	2.4	3	ALLH	Plutonium-238	0.009	pCi/g	U	0.05	pCi/g
AAA4641	49-2904	2.4	3	ALLH	Plutonium-239	0.011	pCi/g	U	0.05	pCi/g
AAA4641	49-2904	2.4	3	ALLH	Plutonium-238	0.016	pCi/g	U	0.05	pCi/g
AAA4641	49-2904	2.4	3	ALLH	Cesium-137	0.019	pCi/g	J	0.1	pCi/g
AAA4641	49-2904	2.4	3	ALLH	Mercury	0.03	mg/kg	U	0.1	mg/kg
AAA4641	49-2904	2.4	3	ALLH	Thallium	0.48	mg/kg	U	1.1	mg/kg
AAA4641	49-2904	2.4	3	ALLH	Silver	0.67	mg/kg	U	1	mg/kg
AAA4641	49-2904	2.4	3	ALLH	Selenium	0.72	mg/kg	U	0.3	mg/kg
AAA4641	49-2904	2.4	3	ALLH	Beryllium	1.2	mg/kg	J	1.21	mg/kg
AAA4641	49-2904	2.4	3	ALLH	Cadmium	1.8	mg/kg	—	1.63	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4645	49-2904	—	—	QBT3	Uranium	0.004	µg/l	R	—	—
AAA4645	49-2904	—	—	QBT3	Plutonium 238	0.005	pCi/l	—	0.05	pCi/g
AAA4645	49-2904	—	—	QBT3	Plutonium-238	0.009	pCi/l	—	0.05	pCi/g
AAA4645	49-2904	—	—	QBT3	Uranium	0.01	µg/l	R	—	—
AAA4645	49-2904	—	—	QBT3	Plutonium-239	0.023	pCi/l	—	0.05	pCi/g
AAA4645	49-2904	—	—	QBT3	Plutonium-239	0.032	pCi/l	—	0.05	pCi/g
AAA4645	49-2904	—	—	QBT3	Mercury	0.05	µg/l	U	0.1	mg/kg
AAA4645	49-2904	—	—	QBT3	Americium-241	0.05	pCi/l	—	0.05	pCi/g
AAA4645	49-2904	—	—	QBT3	Americium-241	0.07	pCi/l	—	0.05	pCi/g
AAA4645	49-2904	—	—	QBT3	Beryllium	0.2	µg/l	UJ	1.21	mg/kg
AAA4645	49-2904	—	—	QBT3	Cesium-137	0.589	pCi/l	—	0.1	pCi/g
AAA4645	49-2904	—	—	QBT3	Lead	2	µg/l	U	11.2	mg/kg
AAA4645	49-2904	—	—	QBT3	Arsenic	2	µg/l	U	2.79	mg/kg
AAA4645	49-2904	—	—	QBT3	Thallium	2	µg/l	U	1.1	mg/kg
AAA4645	49-2904	—	—	QBT3	Silver	2.8	µg/l	U	1	mg/kg
AAA4645	49-2904	—	—	QBT3	Cadmium	2.9	µg/l	U	1.63	mg/kg
AAA4645	49-2904	—	—	QBT3	Selenium	3	µg/l	U	0.3	mg/kg
AAA4645	49-2904	—	—	QBT3	Barium	3.6	µg/l	U	46	mg/kg
AAA4645	49-2904	—	—	QBT3	Chromium, Total	7	µg/l	U	7.14	mg/kg
AAA4645	49-2904	—	—	QBT3	Nickel	15.8	µg/l	U	6.58	mg/kg
AAA4645	49-2904	—	—	QBT3	Antimony	21.2	µg/l	U	0.5	mg/kg
AAA4646	49-2906	—	—	QBT3	Cesium-137	-1.936	pCi/l	U	0.1	pCi/g
AAA4646	49-2906	—	—	QBT3	Plutonium-238	-0.005	pCi/l	U	0.05	pCi/g
AAA4646	49-2906	—	—	QBT3	Plutonium-239	0	pCi/l	—	0.05	pCi/g
AAA4646	49-2906	—	—	QBT3	Uranium	0	µg/l	R	—	—
AAA4646	49-2906	—	—	QBT3	Uranium	0	µg/l	R	—	—
AAA4646	49-2906	—	—	QBT3	Plutonium 238	0.001	pCi/l	U	0.05	pCi/g
AAA4646	49-2906	—	—	QBT3	Plutonium-239	0.005	pCi/l	U	0.05	pCi/g
AAA4646	49-2906	—	—	QBT3	Mercury	0.05	µg/l	UJ	0.1	mg/kg
AAA4646	49-2906	—	—	QBT3	Beryllium	0.46	µg/l	UJ	1.21	mg/kg
AAA4646	49-2906	—	—	QBT3	Barium	0.72	µg/l	U	46	mg/kg
AAA4646	49-2906	—	—	QBT3	Americium-241	0.775	pCi/l	—	0.05	pCi/g
AAA4646	49-2906	—	—	QBT3	Selenium	2	µg/l	U	0.3	mg/kg
AAA4646	49-2906	—	—	QBT3	Lead	2	µg/l	U	11.2	mg/kg
AAA4646	49-2906	—	—	QBT3	Arsenic	2	µg/l	U	2.79	mg/kg
AAA4646	49-2906	—	—	QBT3	Thallium	2	µg/l	U	1.1	mg/kg
AAA4646	49-2906	—	—	QBT3	Silver	2.8	µg/l	U	1	mg/kg
AAA4646	49-2906	—	—	QBT3	Cadmium	2.9	µg/l	U	1.63	mg/kg
AAA4646	49-2906	—	—	QBT3	Chromium, Total	7	µg/l	U	7.14	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA4649	49-2906	—	—	QBT3	Barium	4.1	µg/l	U	46	mg/kg
AAA4649	49-2906	—	—	QBT3	Chromium, Total	7	µg/l	U	7.14	mg/kg
AAA4649	49-2906	—	—	QBT3	Nickel	15.8	µg/l	U	6.58	mg/kg
AAA4649	49-2906	—	—	QBT3	Antimony	21.2	µg/l	U	0.5	mg/kg
AAA4650	49-2907	—	—	QBT3	Plutonium-239	0.001	pCi/l	U	0.05	pCi/g
AAA4650	49-2907	—	—	QBT3	Cesium-137	0.001	pCi/l	—	0.1	pCi/g
AAA4650	49-2907	—	—	QBT3	Plutonium-238	0.005	pCi/l	—	0.05	pCi/g
AAA4650	49-2907	—	—	QBT3	Plutonium-238	0.009	pCi/l	U	0.05	pCi/g
AAA4650	49-2907	—	—	QBT3	Uranium	0.034	µg/l	R	—	—
AAA4650	49-2907	—	—	QBT3	Mercury	0.05	µg/l	U	0.1	mg/kg
AAA4650	49-2907	—	—	QBT3	Plutonium-239	0.153	pCi/l	—	0.05	pCi/g
AAA4650	49-2907	—	—	QBT3	Barium	1.7	µg/l	U	46	mg/kg
AAA4650	49-2907	—	—	QBT3	Arsenic	2	µg/l	U	2.79	mg/kg
AAA4650	49-2907	—	—	QBT3	Lead	2	µg/l	U	11.2	mg/kg
AAA4650	49-2907	—	—	QBT3	Selenium	2	µg/l	U	0.3	mg/kg
AAA4650	49-2907	—	—	QBT3	Silver	2.8	µg/l	U	1	mg/kg
AAA4650	49-2907	—	—	QBT3	Cadmium	2.9	µg/l	U	1.63	mg/kg
AAA4650	49-2907	—	—	QBT3	Americium-241	5.795	pCi/l	—	0.05	pCi/g
AAA4650	49-2907	—	—	QBT3	Chromium, Total	7	µg/l	U	7.14	mg/kg
AAA4653	49-2901	—	—	QBT3	Uranium	0	µg/l	R	—	—
AAA4653	49-2901	—	—	QBT3	Plutonium-238	0.035	pCi/l	U	0.05	pCi/g
AAA4653	49-2901	—	—	QBT3	Plutonium-239	0.053	pCi/l	U	0.05	pCi/g
AAA4653	49-2901	—	—	QBT3	Americium-241	0.055	pCi/l	U	0.05	pCi/g
AAA4653	49-2901	—	—	QBT3	Mercury	0.2	µg/l	U	0.1	mg/kg
AAA4653	49-2901	—	—	QBT3	Mercury	0.2	µg/l	U	0.1	mg/kg
AAA4653	49-2901	—	—	QBT3	Selenium	2	µg/l	U	0.3	mg/kg
AAA4653	49-2901	—	—	QBT3	Selenium	2	µg/l	U	0.3	mg/kg
AAA4653	49-2901	—	—	QBT3	Cadmium	3	µg/l	U	1.63	mg/kg
AAA4653	49-2901	—	—	QBT3	Cadmium	3	µg/l	U	1.63	mg/kg
AAA4653	49-2901	—	—	QBT3	Lead	3.217	µg/l	—	11.2	mg/kg
AAA4653	49-2901	—	—	QBT3	Arsenic	4	µg/l	U	2.79	mg/kg
AAA4653	49-2901	—	—	QBT3	Arsenic	4	µg/l	U	2.79	mg/kg
AAA4653	49-2901	—	—	QBT3	Chromium, Total	4	µg/l	U	7.14	mg/kg
AAA4653	49-2901	—	—	QBT3	Chromium, Total	4	µg/l	U	7.14	mg/kg
AAA4653	49-2901	—	—	QBT3	Silver	5	µg/l	U	1	mg/kg
AAA4653	49-2901	—	—	QBT3	Silver	5	µg/l	U	1	mg/kg
AAA4653	49-2901	—	—	QBT3	Barium	5	µg/l	U	46	mg/kg
AAA4653	49-2901	—	—	QBT3	Barium	5	µg/l	U	46	mg/kg
AAA4653	49-2901	—	—	QBT3	Lead	6	µg/l	—	11.2	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth*	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[1]	Units
AAA4656	49-2904	—	—	QBT3	Mercury	0.05	µg/l	U	0.1	mg/kg
AAA4656	49-2904	—	—	QBT3	Uranium	0.085	µg/l	R	—	—
AAA4656	49-2904	—	—	QBT3	Uranium	0.085	µg/l	R	—	—
AAA4656	49-2904	—	—	QBT3	Americium-241	0.09	pCi/l	—	0.05	pCi/g
AAA4656	49-2904	—	—	QBT3	Beryllium	0.2	µg/l	UJ	1.21	mg/kg
AAA4656	49-2904	—	—	QBT3	Arsenic	2	µg/l	U	2.79	mg/kg
AAA4656	49-2904	—	—	QBT3	Lead	2	µg/l	U	11.2	mg/kg
AAA4656	49-2904	—	—	QBT3	Thallium	2	µg/l	U	1.1	mg/kg
AAA4656	49-2904	—	—	QBT3	Silver	2.8	µg/l	U	1	mg/kg
AAA4656	49-2904	—	—	QBT3	Cadmium	2.9	µg/l	U	1.63	mg/kg
AAA4656	49-2904	—	—	QBT3	Selenium	3	µg/l	U	0.3	mg/kg
AAA4656	49-2904	—	—	QBT3	Barium	6.3	µg/l	U	46	mg/kg
AAA4656	49-2904	—	—	QBT3	Chromium, Total	7	µg/l	U	7.14	mg/kg
AAA4656	49-2904	—	—	QBT3	Nickel	15.8	µg/l	U	6.58	mg/kg
AAA4656	49-2904	—	—	QBT3	Antimony	21.2	µg/l	U	0.5	mg/kg
AAA8142	49-2901	24.5	25	QBT3	Gross Alpha Radiation	-40	pCi/g	U	—	—
AAA8142	49-2901	24.5	25	QBT3	Cesium-137	0.037	pCi/g	U	0.1	pCi/g
AAA8142	49-2901	24.5	25	QBT3	Gross Beta Radiation	5.5	pCi/g	—	—	—
AAA8142	49-2901	24.5	25	QBT3	Gross Gamma Radiation	13	pCi/g	—	—	—
AAA8143	49-2901	84.2	84.4	QBT3	Gross Alpha Radiation	-120	pCi/g	U	—	—
AAA8143	49-2901	84.2	84.4	QBT3	Cesium-137	0.0385	pCi/g	U	0.1	pCi/g
AAA8143	49-2901	84.2	84.4	QBT3	Gross Beta Radiation	8	pCi/g	—	—	—
AAA8143	49-2901	84.2	84.4	QBT3	Gross Gamma Radiation	15	pCi/g	—	—	—
AAA8144	49-2901	116	116.2	QBT3	Gross Alpha Radiation	-80	pCi/g	U	—	—
AAA8144	49-2901	116	116.2	QBT3	Cesium-137	0.0363	pCi/g	U	0.1	pCi/g
AAA8144	49-2901	116	116.2	QBT3	Gross Beta Radiation	11	pCi/g	—	—	—
AAA8144	49-2901	116	116.2	QBT3	Gross Gamma Radiation	13	pCi/g	—	—	—
AAA8145	49-2901	49.7	49.9	QBT3	Gross Alpha Radiation	-50	pCi/g	U	—	—
AAA8145	49-2901	49.7	49.9	QBT3	Cesium-137	0.0011	pCi/g	U	0.1	pCi/g
AAA8145	49-2901	49.7	49.9	QBT3	Gross Beta Radiation	8	pCi/g	—	—	—
AAA8145	49-2901	49.7	49.9	QBT3	Gross Gamma Radiation	14	pCi/g	—	—	—
AAA8146	49-2901	148.6	148.8	QBT3	Gross Alpha Radiation	-90	pCi/g	U	—	—
AAA8146	49-2901	148.6	148.8	QBT3	Cesium-137	0.0109	pCi/g	U	0.1	pCi/g
AAA8146	49-2901	148.6	148.8	QBT3	Gross Beta Radiation	7.3	pCi/g	—	—	—
AAA8146	49-2901	148.6	148.8	QBT3	Gross Gamma Radiation	11	pCi/g	—	—	—
AAA9976	49-2906	72.3	72.5	QBT4	Ethylbenzene	0.005	mg/kg	U	—	—
AAA9976	49-2906	72.3	72.5	QBT4	Chlorobenzene	0.005	mg/kg	U	—	—
AAA9976	49-2906	72.3	72.5	QBT4	Toluene	0.005	mg/kg	U	—	—
AAA9976	49-2906	72.3	72.5	QBT4	Dichloroethane[1,1-]	0.005	mg/kg	U	—	—

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA9976	49-2906	72.3	72.5	QBT4	Methylphenol[2-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Chloronaphthalene[2-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Methylnaphthalene[2-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Naphthalene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Phenanthrene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Diethylphthalate	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Acenaphthene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Isophorone	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Hexachlorocyclopentadiene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Chlorophenyl-phenyl[4-] Ether	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Hexachloroethane	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Anthracene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Hexachlorobenzene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Di-n-octylphthalate	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Bis(2-chloroethyl)ether	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Phenol	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dinitrotoluene[2,6-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Chloro-3-methylphenol[4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Benzo(a)anthracene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dichlorobenzene[1,3-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dibenz(a,h)anthracene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Benzo(a)pyrene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Benzo(g,h,i)perylene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dibenzofuran	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dimethyl Phthalate	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Pyrene	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dinitrotoluene[2,4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dichlorophenol[2,4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Bromophenyl-phenylether[4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dimethylphenol[2,4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Methylphenol[4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Chloroaniline[4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Dichlorobenzene[1,4-]	0.35	mg/kg	U	--	--
AAA9976	49-2906	72.3	72.5	QBT4	Benzyl Alcohol	0.35	mg/kg	U	--	--

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAA9979	49-2906	63	63.3	QBT4	Trichlorophenol[2,4,6-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Hexachlorobutadiene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Fluorene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Nitrosodiphenylamine[N-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Butylbenzylphthalate	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dinitrotoluene[2,6-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Chloro-3-methylphenol[4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Benzo(a)anthracene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dichlorobenzene[1,3-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dibenz(a,h)anthracene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Anthracene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Hexachlorobenzene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Di-n-octylphthalate	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Bis(2-chloroethoxy)methane	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Bis(2-chloroethyl)ether	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Benzo(a)pyrene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Benzo(g,h,i)perylene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dibenzofuran	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dimethyl Phthalate	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Pyrene	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dinitrotoluene[2,4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dichlorophenol[2,4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Bromophenyl-phenylether[4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dimethylphenol[2,4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Methylphenol[4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Chloroaniline[4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dichlorobenzene[1,4-]	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Benzyl Alcohol	0.35	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Nitroaniline[3-]	1.7	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Nitroaniline[4-]	1.7	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Benzoic Acid	1.7	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Trichlorophenol[2,4,5-]	1.7	mg/kg	U	—	—
AAA9979	49-2906	63	63.3	QBT4	Nitroaniline[2-]	1.7	mg/kg	U	—	—

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
AAB7451	49-2902	7.4	7.7	ALLH	Cadmium	0.08	mg/kg	U	1.63	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Mercury	0.12	mg/kg	U	0.1	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Silver	0.13	mg/kg	U	1	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Silver	0.13	mg/kg	U	1	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Mercury	0.13	mg/kg	U	0.1	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Antimony	0.33	mg/kg	U	0.5	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Antimony	0.33	mg/kg	U	0.5	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Selenium	0.65	mg/kg	U	0.3	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Selenium	0.65	mg/kg	U	0.3	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Thallium	0.78	mg/kg	U	1.1	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Thallium	0.78	mg/kg	U	1.1	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Beryllium	1.2	mg/kg	—	1.21	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Beryllium	1.3	mg/kg	—	1.21	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Copper	2.4	mg/kg	—	4.66	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Copper	2.6	mg/kg	U	4.66	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Arsenic	2.7	mg/kg	—	2.79	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Arsenic	3.1	mg/kg	—	2.79	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Cobalt	3.8	mg/kg	U	3.14	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Cobalt	4.1	mg/kg	—	3.14	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Lead	9.7	mg/kg	—	11.2	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Lead	10.7	mg/kg	—	11.2	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Nickel	11.3	mg/kg	—	6.58	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Nickel	11.6	mg/kg	—	6.58	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Vanadium	15.4	mg/kg	—	17	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Vanadium	22	mg/kg	—	17	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Zinc	22.9	mg/kg	—	63.5	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Chromium, Total	24	mg/kg	—	7.14	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Zinc	27	mg/kg	—	63.5	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Chromium, Total	28	mg/kg	—	7.14	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Sodium	175	mg/kg	—	2770	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Sodium	183	mg/kg	U	2770	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Barium	197	mg/kg	—	46	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Manganese	206	mg/kg	—	482	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Manganese	216	mg/kg	—	482	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Barium	247	mg/kg	—	46	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Potassium	2110	mg/kg	—	3500	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Magnesium	2170	mg/kg	—	1690	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Magnesium	2364	mg/kg	—	1690	mg/kg
AAB7451	49-2902	7.4	7.7	ALLH	Potassium	2485	mg/kg	—	3500	mg/kg

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
MD49-98-0070	49-2906	16.5	16.7	QBT4	Uranium-234	0.568	pCi/g	—	1.98	pCi/g
MD49-98-0070	49-2906	16.5	16.7	QBT4	Uranium-238	0.594	pCi/g	—	1.93	pCi/g
MD49-98-0071	49-2906	28.5	29	QBT4	Plutonium-239	0.012	pCi/g	U	0.05	pCi/g
MD49-98-0071	49-2906	28.6	29	QBT4	Uranium-235	0.0141	pCi/g	U	0.09	pCi/g
MD49-98-0071	49-2906	28.6	29	QBT4	Plutonium-238	0.018	pCi/g	U	0.05	pCi/g
MD49-98-0071	49-2906	28.6	29	QBT4	Americium-241	0.0224	pCi/g	U	0.05	pCi/g
MD49-98-0071	49-2906	28.6	29	QBT4	Uranium-238	0.381	pCi/g	—	1.93	pCi/g
MD49-98-0071	49-2906	28.6	29	QBT4	Uranium-234	0.426	pCi/g	—	1.98	pCi/g
MD49-98-0072	49-2906	38.8	39	QBT4	Plutonium-239	0.004	pCi/g	U	0.05	pCi/g
MD49-98-0072	49-2906	38.8	39	QBT4	Americium-241	0.0147	pCi/g	U	0.05	pCi/g
MD49-98-0072	49-2906	38.8	39	QBT4	Uranium-235	0.0211	pCi/g	—	0.09	pCi/g
MD49-98-0072	49-2906	38.8	39	QBT4	Plutonium-238	0.043	pCi/g	U	0.05	pCi/g
MD49-98-0072	49-2906	38.8	39	QBT4	Uranium-238	0.319	pCi/g	—	1.93	pCi/g
MD49-98-0072	49-2906	38.8	39	QBT4	Uranium-234	0.34	pCi/g	—	1.98	pCi/g
MD49-98-0073	49-2906	40.3	40.5	QBT4	Plutonium-239	0.0102	pCi/g	U	0.05	pCi/g
MD49-98-0073	49-2906	40.3	40.5	QBT4	Uranium-235	0.0102	pCi/g	U	0.09	pCi/g
MD49-98-0073	49-2906	40.3	40.5	QBT4	Americium-241	0.19	pCi/g	U	0.05	pCi/g
MD49-98-0073	49-2906	40.3	40.5	QBT4	Plutonium-238	0.209	pCi/g	—	0.05	pCi/g
MD49-98-0073	49-2906	40.3	40.5	QBT4	Uranium-238	0.325	pCi/g	—	1.93	pCi/g
MD49-98-0073	49-2906	40.3	40.5	QBT4	Uranium-234	0.355	pCi/g	—	1.98	pCi/g
MD49-98-0074	49-2906	53.4	53.5	QBT4	Americium-241	0.0102	pCi/g	U	0.05	pCi/g
MD49-98-0074	49-2906	53.4	53.5	QBT4	Plutonium-239	0.0132	pCi/g	U	0.05	pCi/g
MD49-98-0074	49-2906	53.4	53.5	QBT4	Uranium-235	0.0228	pCi/g	—	0.09	pCi/g
MD49-98-0074	49-2906	53.4	53.5	QBT4	Plutonium-238	0.042	pCi/g	—	0.05	pCi/g
MD49-98-0074	49-2906	53.4	53.5	QBT4	Uranium-238	0.328	pCi/g	—	1.93	pCi/g
MD49-98-0074	49-2906	53.4	53.5	QBT4	Uranium-234	0.33	pCi/g	—	1.98	pCi/g
MD49-98-0075	49-2906	67.2	67.5	QBT4	Plutonium-239	0.0054	pCi/g	U	0.05	pCi/g
MD49-98-0075	49-2906	67.2	67.5	QBT4	Uranium-235	0.0129	pCi/g	U	0.09	pCi/g
MD49-98-0075	49-2906	67.2	67.5	QBT4	Americium-241	0.042	pCi/g	—	0.05	pCi/g
MD49-98-0075	49-2906	67.2	67.5	QBT4	Plutonium-238	0.124	pCi/g	—	0.05	pCi/g
MD49-98-0075	49-2906	67.2	67.5	QBT4	Uranium-238	0.313	pCi/g	—	1.93	pCi/g
MD49-98-0075	49-2906	67.2	67.5	QBT4	Uranium-234	0.407	pCi/g	—	1.98	pCi/g
MD49-98-0076	49-2906	75.3	75.5	QBT4	Plutonium-239	0.0048	pCi/g	U	0.05	pCi/g
MD49-98-0076	49-2906	75.3	75.5	QBT4	Plutonium-238	0.0136	pCi/g	U	0.05	pCi/g
MD49-98-0076	49-2906	75.3	75.5	QBT4	Americium-241	0.019	pCi/g	U	0.05	pCi/g
MD49-98-0076	49-2906	75.3	75.5	QBT4	Uranium-235	0.0241	pCi/g	—	0.09	pCi/g
MD49-98-0076	49-2906	75.3	75.5	QBT4	Uranium-238	0.304	pCi/g	—	1.93	pCi/g
MD49-98-0076	49-2906	75.3	75.5	QBT4	Uranium-234	0.362	pCi/g	—	1.98	pCi/g
MD49-98-0077	49-2906	85	86.5	QBT3	Plutonium-239	-0.0059	pCi/g	U	0.05	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
MD49-98-0081	49-2906	127	127.3	QBT3	Uranium-234	0.56	pCi/g	—	1.98	pCi/g
MD49-98-0081	49-2906	127	127.3	QBT3	Uranium-238	0.57	pCi/g	—	1.93	pCi/g
MD49-98-0082	49-2906	134.5	134.7	QBT3	Plutonium-238	0.007	pCi/g	U	0.05	pCi/g
MD49-98-0082	49-2906	134.5	134.7	QBT3	Americium-241	0.0131	pCi/g	U	0.05	pCi/g
MD49-98-0082	49-2906	134.5	134.7	QBT3	Plutonium-239	0.0169	pCi/g	U	0.05	pCi/g
MD49-98-0082	49-2906	134.5	134.7	QBT3	Uranium-235	0.0314	pCi/g	—	0.09	pCi/g
MD49-98-0082	49-2906	134.5	134.7	QBT3	Uranium-238	0.553	pCi/g	—	1.93	pCi/g
MD49-98-0082	49-2906	134.5	134.7	QBT3	Uranium-234	0.634	pCi/g	—	1.98	pCi/g
MD49-98-0083	49-2906	147.2	148	QBT3	Plutonium-239	0.0032	pCi/g	U	0.05	pCi/g
MD49-98-0083	49-2906	147.2	148	QBT3	Americium-241	0.0173	pCi/g	U	0.05	pCi/g
MD49-98-0083	49-2906	147.2	148	QBT3	Uranium-235	0.0186	pCi/g	U	0.09	pCi/g
MD49-98-0083	49-2906	147.2	148	QBT3	Plutonium-238	0.042	pCi/g	—	0.05	pCi/g
MD49-98-0083	49-2906	147.2	148	QBT3	Uranium-238	0.407	pCi/g	—	1.93	pCi/g
MD49-98-0083	49-2906	147.2	148	QBT3	Uranium-234	0.444	pCi/g	—	1.98	pCi/g
MD49-98-0084	49-2906	147.2	148	QBT3	Plutonium-239	0.0032	pCi/g	U	0.05	pCi/g
MD49-98-0084	49-2906	147.2	148	QBT3	Americium-241	0.0152	pCi/g	U	0.05	pCi/g
MD49-98-0084	49-2906	147.2	148	QBT3	Uranium-235	0.0225	pCi/g	—	0.09	pCi/g
MD49-98-0084	49-2906	147.2	148	QBT3	Plutonium-238	0.035	pCi/g	—	0.05	pCi/g
MD49-98-0084	49-2906	147.2	148	QBT3	Uranium-238	0.379	pCi/g	—	1.93	pCi/g
MD49-98-0084	49-2906	147.2	148	QBT3	Uranium-234	0.454	pCi/g	—	1.98	pCi/g
MD49-98-0085	49-2907	5.5	5.7	QBT4	Plutonium-238	0.0031	pCi/g	U	0.05	pCi/g
MD49-98-0085	49-2907	5.5	5.7	QBT4	Plutonium-239	0.0067	pCi/g	U	0.05	pCi/g
MD49-98-0085	49-2907	5.5	5.7	QBT4	Americium-241	0.036	pCi/g	U	0.05	pCi/g
MD49-98-0085	49-2907	5.5	5.7	QBT4	Uranium-235	0.063	pCi/g	—	0.09	pCi/g
MD49-98-0085	49-2907	5.5	5.7	QBT4	Uranium-234	1.53	pCi/g	—	1.98	pCi/g
MD49-98-0085	49-2907	5.5	5.7	QBT4	Uranium-238	1.68	pCi/g	—	1.93	pCi/g
MD49-98-0086	49-2907	16.5	16.8	QBT4	Plutonium-239	0.0112	pCi/g	U	0.05	pCi/g
MD49-98-0086	49-2907	16.5	16.8	QBT4	Plutonium-238	0.0145	pCi/g	U	0.05	pCi/g
MD49-98-0086	49-2907	16.5	16.8	QBT4	Americium-241	0.017	pCi/g	U	0.05	pCi/g
MD49-98-0086	49-2907	16.5	16.8	QBT4	Uranium-235	0.0185	pCi/g	—	0.09	pCi/g
MD49-98-0086	49-2907	16.5	16.8	QBT4	Uranium-238	0.485	pCi/g	—	1.93	pCi/g
MD49-98-0086	49-2907	16.5	16.8	QBT4	Uranium-234	0.486	pCi/g	—	1.98	pCi/g
MD49-98-0087	49-2907	25	25.5	QBT4	Plutonium-238	0.0034	pCi/g	U	0.05	pCi/g
MD49-98-0087	49-2907	25	25.5	QBT4	Uranium-235	0.0088	pCi/g	U	0.09	pCi/g
MD49-98-0087	49-2907	25	25.5	QBT4	Plutonium-239	0.0205	pCi/g	U	0.05	pCi/g
MD49-98-0087	49-2907	25	25.5	QBT4	Americium-241	0.023	pCi/g	U	0.05	pCi/g
MD49-98-0087	49-2907	25	25.5	QBT4	Uranium-238	0.414	pCi/g	—	1.93	pCi/g
MD49-98-0087	49-2907	25	25.5	QBT4	Uranium-234	0.44	pCi/g	—	1.98	pCi/g
MD49-98-0088	49-2907	37	37.2	QBT4	Plutonium-239	0.0171	pCi/g	U	0.05	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
MD49-98-0092	49-2907	76.2	76.5	QBT4	Uranium-238	0.47	pCi/g	—	1.93	pCi/g
MD49-98-0092	49-2907	76.2	76.5	QBT4	Uranium-234	0.53	pCi/g	—	1.98	pCi/g
MD49-98-0093	49-2907	84.5	84.7	QBT3	Plutonium-239	0.003	pCi/g	U	0.05	pCi/g
MD49-98-0093	49-2907	84.5	84.7	QBT3	Plutonium-238	0.012	pCi/g	U	0.05	pCi/g
MD49-98-0093	49-2907	84.5	84.7	QBT3	Americium-241	0.0167	pCi/g	U	0.05	pCi/g
MD49-98-0093	49-2907	84.5	84.7	QBT3	Uranium-235	0.0209	pCi/g	—	0.09	pCi/g
MD49-98-0093	49-2907	84.5	84.7	QBT3	Uranium-234	0.514	pCi/g	—	1.98	pCi/g
MD49-98-0093	49-2907	84.5	84.7	QBT3	Uranium-238	0.533	pCi/g	—	1.93	pCi/g
MD49-98-0094	49-2907	95.5	95.8	QBT3	Plutonium-239	0.0151	pCi/g	U	0.05	pCi/g
MD49-98-0094	49-2907	95.5	95.8	QBT3	Americium-241	0.018	pCi/g	U	0.05	pCi/g
MD49-98-0094	49-2907	95.5	95.8	QBT3	Plutonium-238	0.0194	pCi/g	U	0.05	pCi/g
MD49-98-0094	49-2907	95.5	95.8	QBT3	Uranium-235	0.0358	pCi/g	—	0.09	pCi/g
MD49-98-0094	49-2907	95.5	95.8	QBT3	Uranium-234	0.645	pCi/g	—	1.98	pCi/g
MD49-98-0094	49-2907	95.5	95.8	QBT3	Uranium-238	0.649	pCi/g	—	1.93	pCi/g
MD49-98-0095	49-2907	106.5	106.7	QBT3	Plutonium-239	-0.0018	pCi/g	U	0.05	pCi/g
MD49-98-0095	49-2907	106.5	106.7	QBT3	Americium-241	0.014	pCi/g	U	0.05	pCi/g
MD49-98-0095	49-2907	106.5	106.7	QBT3	Plutonium-238	0.024	pCi/g	U	0.05	pCi/g
MD49-98-0095	49-2907	106.5	106.7	QBT3	Uranium-235	0.056	pCi/g	—	0.09	pCi/g
MD49-98-0095	49-2907	106.5	106.7	QBT3	Uranium-234	0.941	pCi/g	—	1.98	pCi/g
MD49-98-0095	49-2907	106.5	106.7	QBT3	Uranium-238	1.014	pCi/g	—	1.93	pCi/g
MD49-98-0096	49-2907	115	115.3	QBT3	Plutonium-239	0.0039	pCi/g	U	0.05	pCi/g
MD49-98-0096	49-2907	115	115.3	QBT3	Americium-241	0.0086	pCi/g	U	0.05	pCi/g
MD49-98-0096	49-2907	115	115.3	QBT3	Plutonium-238	0.0093	pCi/g	U	0.05	pCi/g
MD49-98-0096	49-2907	115	115.3	QBT3	Uranium-235	0.012	pCi/g	U	0.09	pCi/g
MD49-98-0096	49-2907	115	115.3	QBT3	Uranium-238	0.553	pCi/g	—	1.93	pCi/g
MD49-98-0096	49-2907	115	115.3	QBT3	Uranium-234	0.681	pCi/g	—	1.98	pCi/g
MD49-98-0097	49-2907	126.5	126.6	QBT3	Plutonium-238	0.0013	pCi/g	U	0.05	pCi/g
MD49-98-0097	49-2907	126.5	126.6	QBT3	Plutonium-239	0.0071	pCi/g	U	0.05	pCi/g
MD49-98-0097	49-2907	126.5	126.6	QBT3	Americium-241	0.0208	pCi/g	U	0.05	pCi/g
MD49-98-0097	49-2907	126.5	126.6	QBT3	Uranium-235	0.049	pCi/g	—	0.09	pCi/g
MD49-98-0097	49-2907	126.5	126.6	QBT3	Uranium-238	0.819	pCi/g	—	1.93	pCi/g
MD49-98-0097	49-2907	126.5	126.6	QBT3	Uranium-234	0.885	pCi/g	—	1.98	pCi/g
MD49-98-0098	49-2907	138.7	138.9	QBT3	Plutonium-239	0.0109	pCi/g	U	0.05	pCi/g
MD49-98-0098	49-2907	138.7	138.9	QBT3	Plutonium-238	0.0192	pCi/g	U	0.05	pCi/g
MD49-98-0098	49-2907	138.7	138.9	QBT3	Uranium-235	0.0252	pCi/g	U	0.09	pCi/g
MD49-98-0098	49-2907	138.7	138.9	QBT3	Americium-241	0.034	pCi/g	—	0.05	pCi/g
MD49-98-0098	49-2907	138.7	138.9	QBT3	Uranium-238	0.557	pCi/g	—	1.93	pCi/g
MD49-98-0098	49-2907	138.7	138.9	QBT3	Uranium-234	0.628	pCi/g	—	1.98	pCi/g
MD49-98-0099	49-2907	146.6	146.8	QBT3	Plutonium-238	-0.004	pCi/g	U	0.05	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
MD49-98-0104	49-2901	35.2	35.6	QBT4	Plutonium-238	0.0108	pCi/g	U	0.05	pCi/g
MD49-98-0104	49-2901	35.2	35.6	QBT4	Uranium-235	0.0114	pCi/g	U	0.09	pCi/g
MD49-98-0104	49-2901	35.2	35.6	QBT4	Americium-241	0.0212	pCi/g	U	0.05	pCi/g
MD49-98-0104	49-2901	35.2	35.6	QBT4	Americium-241	0.0269	pCi/g	U	0.05	pCi/g
MD49-98-0104	49-2901	35.2	35.6	QBT4	Uranium-238	0.263	pCi/g	—	1.93	pCi/g
MD49-98-0104	49-2901	35.2	35.6	QBT4	Uranium-238	0.312	pCi/g	—	1.93	pCi/g
MD49-98-0104	49-2901	35.2	35.6	QBT4	Uranium-234	0.344	pCi/g	—	1.98	pCi/g
MD49-98-0104	49-2901	35.2	35.6	QBT4	Uranium-234	0.351	pCi/g	—	1.98	pCi/g
MD49-98-0105	49-2901	45.6	46	QBT4	Plutonium-239	0.0031	pCi/g	U	0.05	pCi/g
MD49-98-0105	49-2901	45.6	46	QBT4	Plutonium-238	0.0051	pCi/g	U	0.05	pCi/g
MD49-98-0105	49-2901	45.6	46	QBT4	Americium-241	0.006	pCi/g	U	0.05	pCi/g
MD49-98-0105	49-2901	45.6	46	QBT4	Uranium-235	0.0206	pCi/g	U	0.09	pCi/g
MD49-98-0105	49-2901	45.6	46	QBT4	Uranium-238	0.27	pCi/g	—	1.93	pCi/g
MD49-98-0105	49-2901	45.6	46	QBT4	Uranium-234	0.312	pCi/g	—	1.98	pCi/g
MD49-98-0106	49-2901	45.6	46	QBT4	Plutonium-238	-0.0096	pCi/g	U	0.05	pCi/g
MD49-98-0106	49-2901	45.6	46	QBT4	Plutonium-239	0.0005	pCi/g	U	0.05	pCi/g
MD49-98-0106	49-2901	45.6	46	QBT4	Americium-241	0.0056	pCi/g	U	0.05	pCi/g
MD49-98-0106	49-2901	45.6	46	QBT4	Uranium-235	0.0147	pCi/g	U	0.09	pCi/g
MD49-98-0106	49-2901	45.6	46	QBT4	Uranium-238	0.232	pCi/g	—	1.93	pCi/g
MD49-98-0106	49-2901	45.6	46	QBT4	Uranium-234	0.342	pCi/g	—	1.98	pCi/g
MD49-98-0107	49-2901	55.5	55.8	QBT4	Plutonium-239	0.0092	pCi/g	U	0.05	pCi/g
MD49-98-0107	49-2901	55.5	55.8	QBT4	Plutonium-238	0.0113	pCi/g	U	0.05	pCi/g
MD49-98-0107	49-2901	55.5	55.8	QBT4	Americium-241	0.0165	pCi/g	U	0.05	pCi/g
MD49-98-0107	49-2901	55.5	55.8	QBT4	Uranium-235	0.0277	pCi/g	--	0.09	pCi/g
MD49-98-0107	49-2901	55.5	55.8	QBT4	Uranium-238	0.277	pCi/g	—	1.93	pCi/g
MD49-98-0107	49-2901	55.5	55.8	QBT4	Uranium-234	0.296	pCi/g	—	1.98	pCi/g
MD49-98-0108	49-2901	65	65.2	QBT4	Americium-241	0.0056	pCi/g	U	0.05	pCi/g
MD49-98-0108	49-2901	65	65.2	QBT4	Uranium-235	0.0098	pCi/g	U	0.09	pCi/g
MD49-98-0108	49-2901	65	65.2	QBT4	Plutonium-239	0.0102	pCi/g	U	0.05	pCi/g
MD49-98-0108	49-2901	65	65.2	QBT4	Plutonium-238	0.0106	pCi/g	U	0.05	pCi/g
MD49-98-0108	49-2901	65	65.2	QBT4	Uranium-234	0.285	pCi/g	--	1.98	pCi/g
MD49-98-0108	49-2901	65	65.2	QBT4	Uranium-238	0.325	pCi/g	--	1.93	pCi/g
MD49-98-0109	49-2901	71.2	71.3	QBT4	Americium-241	0.0011	pCi/g	U	0.05	pCi/g
MD49-98-0109	49-2901	71.2	71.3	QBT4	Plutonium-239	0.0025	pCi/g	U	0.05	pCi/g
MD49-98-0109	49-2901	71.2	71.3	QBT4	Plutonium-238	0.0045	pCi/g	U	0.05	pCi/g
MD49-98-0109	49-2901	71.2	71.3	QBT4	Uranium-235	0.0115	pCi/g	U	0.09	pCi/g
MD49-98-0109	49-2901	71.2	71.3	QBT4	Uranium-238	0.262	pCi/g	—	1.93	pCi/g
MD49-98-0109	49-2901	71.2	71.3	QBT4	Uranium-234	0.265	pCi/g	—	1.98	pCi/g
MD49-98-0110	49-2901	76.4	76.6	QBT4	Plutonium-239	0.0092	pCi/g	U	0.05	pCi/g

Table B-1.0-3 (continued)

Sample ID	Location ID	Begin Depth[a]	End Depth	Media Code	Analyte Code Description	Result	Reporting Units	RFI Qualifier	UTL[b]	Units
MD49-98-0116	49-2901	150	150.2	QBT3	Plutonium-239	0.001	pCi/g	U	0.05	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Plutonium-239	0.003	pCi/g	U	0.05	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Americium-241	0.0035	pCi/g	U	0.05	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Plutonium-238	0.0075	pCi/g	U	0.05	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Plutonium-238	0.0188	pCi/g	U	0.05	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Uranium-235	0.0214	pCi/g	U	0.09	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Uranium-235	0.0296	pCi/g	—	0.09	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Uranium-234	0.435	pCi/g	—	1.98	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Uranium-238	0.454	pCi/g	—	1.93	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Uranium-238	0.483	pCi/g	—	1.93	pCi/g
MD49-98-0116	49-2901	150	150.2	QBT3	Uranium-234	0.486	pCi/g	—	1.98	pCi/g

[a] Depth is in feet.

[b] UTL = upper tolerance limit

[c] A dash in the RFI qualifier column means the data is not qualified. A dash in the other columns means "not applicable."

Table B-3.1-2
Target Analytes and Detection Limits for Radiochemical Analyses

Analyte	Sediment/Soil EQL (pCi/g)	EPA Preparation Method	Analytical Technique[a]
Gross alpha/beta	10.0	n/a[b]	Gas proportional
Strontium-90[c]	2.0	n/a	Gas proportional
Americium-241	0.1	n/a	Alpha spectroscopy
Plutonium-238, -239,240	0.1	n/a	Alpha spectroscopy
Thorium-228, -230, -232	0.1	n/a	Alpha spectroscopy
Uranium-234, -235, -238	0.1	n/a	Alpha spectroscopy
Tritium	300 pCi/l	n/a	Liquid scintillation
Gamma-emitting isotopes[d]	Americium-241, 1.0 Cesium-137, 1.0 Lead-210, 2.0 Radium-226, 1.0 Thorium-234, 1.0	n/a	Gamma spectroscopy
Total and extractable uranium	0.5 mg/kg	EPA SW-846 200.8/3050	ICPMS

[a] The Los Alamos National Laboratory methods for these analytes are contained in *Health and Environmental Chemistry: Analytical Techniques, Data Management, and Quality Assurance* (LANL 1993, 31793).

[b] n/a = not applicable.

[c] It may be presumed that strontium-89 is not present.

[d] EQLs are not specified for the other 41 gamma-emitting isotopes commonly analyzed; they are determined on a case-specific basis.

Table B-4.0-1
TA-49 Area 2 1998 RFI Borehole Screening Data, Gross Alpha

Borehole ID	Depth Interval (in.)	Counts per Minute	Instrument Background	Efficiency	Sample Alpha Radioactivity (dpm)
#51	0–12	17	2	0.257	58
#51	12–24	22	2	0.257	78
#51	24–36	24	2	0.257	86
#51	36–48	16	2	0.257	54
#51	48–60	23	2	0.257	82
#51	60–72	23	2	0.257	82
#51	72–84	17	2	0.257	58
#51	84–96	15	2	0.257	51
#51	96–108	19	2	0.257	66
#52	0–12	11	2	0.257	35
#52	12–24	17	2	0.257	58
#52	24–30	28	2	0.257	101
2-A	0–12	12	4.6	0.240	31
2-A	12–24	30	4.6	0.240	106
2-A	24–36	17	4.6	0.240	52
2-A	36–48	12	4.6	0.240	31
2-A	48–60	21	4.6	0.240	68
2-A	60–72	15	4.6	0.240	43
2-A	72–84	8	4.6	0.240	14
2-A	84–96	3	4.6	0.240	-7
2-B	0–12	7	1.2	0.236	25
2-B	12–24	19	1.2	0.236	75
2-B	24–36	23	1.2	0.236	92
2-B	36–48	11	1.2	0.236	42
2-C	0–12	11	1.2	0.236	42
2-C	12–24	30	1.2	0.236	122
2-D	12–24	13	2	0.257	43
2-E	0–12	16	4	0.230	52
2-E	24–30	16	3	0.223	58
2-E	42–54	23	3	0.223	90
2-E	56–62	9	1.2	0.236	33
2-F	0–12	12	2.8	0.183	50
2-F	12–24	15	2.8	0.183	67
2-F	24–30	9	4.6	0.240	18
2-H	0–12	24	2	0.257	86
2-H	12–24	41	2	0.257	152
2-I	0–12	8	2	0.257	23

Table B-4.0-1 (continued)

Borehole ID	Depth Interval (in.)	Counts per Minute	Instrument Background	Efficiency	Sample Alpha Radioactivity (dpm)
2-V	12–24	27	4.6	0.240	93
2-V	24–36	32	2.8	0.183	160
2-V	36–42	9	4.6	0.240	18
2-W	0–12	10	4	0.230	26
2-W	12–24	7	1.2	0.236	25
2-W	24–36	18	4	0.230	61
2-W	36–48	23	4	0.230	83
2-W	48–60	21	3	0.223	81
2-X	0–12	2	3	0.223	0
2-X	12–24	20	3	0.223	76
2-X	24–36	14	4	0.230	43
2-X	36–48	15	1.2	0.236	58
2-Y	0–12	20	1.2	0.236	80
2-Y	12–24	7	1.2	0.236	25
2-Y	24–36	30	3	0.223	121
2-Y	36–48	24	3	0.223	94
53	0–12	16	2.6	0.230	58
53	12–24	33	2.6	0.230	132
54	0–12	19	2.6	0.230	71
54	12–24	23	2.6	0.230	89
55	0–12	30	2.6	0.230	119
55	12–24	23	2.6	0.230	89
55	24–36	19	2.6	0.230	71
55	36–48	26	2.6	0.230	102
55	48–60	15	2.6	0.230	54
56	0–12	9	2.6	0.230	28
56	12–24	18	2.6	0.230	67
56	24–36	4	2.6	0.230	6
56	36–48	6	2.6	0.230	15

Table B-4.0-2 (continued)

Borehole ID	Depth Interval (in.)	Counts per Minute	Sample Beta (dpm)	Instrument Background	Efficiency	Beta Activity (dpm)
2-I	0–12	246	117	119	0.445	290
2-I	12–24	267	154	119	0.445	254
2-J	0–12	210	127	116	0.477	174
2-J	12–24	217	149	116	0.477	143
2-K	0–12	212	137	109.6	0.450	167
2-K	12–24	233	129	109.6	0.450	231
2-L	0–12	218	124	116.8	0.470	200
2-L	12–24	247	114	116.8	0.470	283
2-M	0–12	166	135	116.8	0.470	66
2-M	12–24	231	128	116.8	0.470	219
2-M	24–36	262	127	116.8	0.470	287
2-M	36–48	178	90	116.8	0.470	187
2-M	48–60	244	126	116.8	0.470	251
2-M	60–72	192	131	116.8	0.470	130
2-N	0–12	220	150	119	0.445	157
2-N	12–24	196	108	119	0.445	198
2-N	24–30	11,838	1551	119	0.445	23117
2-N	30–36	9225	1638	119	0.445	17049
2-O	0–12	190	126	116	0.477	134
2-O	12–24	228	144	116	0.477	176
2-P	0–12	248	138	109.6	0.450	244
2-P	12–24	197	136	117.2	0.510	120
2-P	24–36	197	137	117.2	0.510	118
2-P	24–36	188	140	121	0.472	102
2-Q	0–12	239	133	116.8	0.470	226
2-Q	12–24	237	139	116.8	0.470	209
2-Q	24–30	189	113	116.8	0.470	162
2-S	0–12	207	159	116.8	0.470	102
2-S	12–24	241	131	116.8	0.470	234
2-S	24–36	222	160	116.8	0.470	132
2-T	0–12	212	144	116	0.477	143
2-T	12–24	244	143	116	0.477	212
2-T	24–30	228	154	116	0.477	155
2-U	0–12	195	116	109.6	0.450	176
2-U	12–24	223	143	109.6	0.450	178
2-U	24–36	226	164	117.2	0.510	122
2-U	36–48	219	145	117.2	0.510	145
2-U	48–60	209	161	117.2	0.510	94
2-V	0–12	241	121	117.2	0.510	235

Table B-4.0-3
TA-49 Area 2 1998 RFI Borehole Screening Data, Gross Gamma

Sample ID	Depth Interval (in.)	Counts per Minute	Instrument Background	Efficiency (E)	Sample Gamma Radioactivity (dpm)
53	0–12	8739.0	6937.0	0.100	18,020
53	12–24	8933.0	6937.0	0.100	19,960
54	0–12	8919.0	6937.0	0.100	18,820
54	12–24	8991.0	6937.0	0.100	20,540
55	0–12	8869.0	6937.0	0.100	19,320
55	12–24	8976.0	6937.0	0.100	20,390
55	24–36	8952.0	6937.0	0.100	20,150
55	36–48	8828.0	6937.0	0.100	18,910
55	48–60	8714.0	6937.0	0.100	17,770
56	0–12	8791.0	6937.0	0.100	18,540
56	12–24	9124.0	6937.0	0.100	21,870
56	24–36	8675.0	6937.0	0.100	17,380
56	36–48	8657.0	6937.0	0.100	17,200
#51	0–12	10,689.0	9355.0	0.106	12,585
#51	12–24	11,432.0	9355.0	0.106	19,594
#51	24–36	9901.0	9355.0	0.106	5151
#51	36–48	11,003.0	9355.0	0.106	15,547
#51	48–60	10,181.0	9355.0	0.106	7792
#51	60–72	10,574.0	9355.0	0.106	11,500
#51	72–84	10,824.0	9355.0	0.106	13,858
#51	84–96	10,700.0	9355.0	0.106	12,689
#51	96–108	10,569.0	9355.0	0.106	11,453
#52	0–12	9909.0	9355.0	0.106	5226
#52	12–24	9911.0	9355.0	0.106	5245
#52	24–30	10,001.0	9355.0	0.106	6094
2-A	0–12	8603.0	6766.0	0.095	19,378
2-A	12–24	8548.0	6766.0	0.095	18,797
2-A	24–36	8213.0	6766.0	0.095	15,264
2-A	36–48	8190.0	6766.0	0.095	15,021
2-A	48–60	8352.0	6766.0	0.095	16,730
2-A	60–72	8260.0	6766.0	0.095	15,759
2-A	72–84	8082.0	6766.0	0.095	13,882
2-A	84–96	8186.0	6766.0	0.095	14,979
2-B	0–12	8205.0	6978.0	0.106	11,575
2-B	12–24	8711.0	6978.0	0.106	16,349
2-B	24–36	8296.0	6978.0	0.106	12,434
2-B	36–48	8499.0	6978.0	0.106	14,349

Table B-4.0-3 (continued)

Sample ID	Depth Interval (in.)	Counts per Minute	Instrument Background	Efficiency (E)	Sample Gamma Radioactivity (cpm)
2-Q	24–30	10,001.0	8090.4	0.100	19,106
2-S	0–12	9899.0	8090.4	0.100	18,086
2-S	12–24	9975.0	8090.4	0.100	18,846
2-S	24–36	10,017.0	8090.4	0.100	19,266
2-T	0–12	8461.0	6978.0	0.106	13,991
2-T	12–24	8661.0	6978.0	0.106	15,877
2-T	24–30	8788.0	6978.0	0.106	17,075
2-U	0–12	8582.0	7929.0	0.110	5936
2-U	12–24	8483.0	7929.0	0.110	5082
2-U	24–36	8349.0	6766.0	0.095	16,698
2-U	36–48	8469.0	6766.0	0.095	17,964
2-U	48–60	8636.0	6766.0	0.095	19,726
2-V	0–12	8511.0	6766.0	0.095	18,407
2-V	12–24	8412.0	6766.0	0.095	17,363
2-V	24–36	8422.0	7929.0	0.110	4482
2-V	36–42	8493.0	6766.0	0.095	18,217
2-W	0–12	9457.0	8090.4	0.100	13,666
2-W	12–24	8454.0	6978.0	0.106	13,925
2-W	24–36	9966.0	8090.4	0.100	18,756
2-W	36–48	10,072.0	8090.4	0.100	19,816
2-W	48–60	8885.0	7120.0	0.105	16,762
2-X	0–12	8647.0	7120.0	0.105	14,501
2-X	12–24	8740.0	7120.0	0.105	15,385
2-X	24–36	9805.0	8090.4	0.100	17,146
2-X	36–48	8332.0	6978.0	0.106	12,774
2-Y	0–12	8246.0	6978.0	0.106	11,962
2-Y	12–24	8476.0	6978.0	0.106	14,132
2-Y	24–36	8738.0	7120.0	0.105	15,366
2-Y	36–48	8775.0	7120.0	0.105	15,717

Table B-4.0-5
Summary of 1998 Shallow Borehole Depths to Shaft Caps

Borehole ID	Total Depth (in.)	Top of Shaft (in.)	Concrete Cap Encountered (Y/N)	Comments
2-A	96	Unknown	N	
2-B	48	36	N	Sand at 36 in.
2-C	24	24	Y	
2-D	24	24	Y	Approximately 18 in. clay over cap
2-E	62	Unknown	Unknown	Void at 30–42 in.
2-F	30	30	Y	
2-G	48	36	N	Sand at 36 in.
2-H	24	24	Y	
2-I	24	24	Y	
2-J	24	24	Y	Saturated
2-K	24	24	Y	Standing water in hole
2-L	24	24	Y	
2-M	72	72	Y	
2-N	30	30	N	Radioactive material encountered
2-O	24	24	Y	Standing water in hole
2-P	24	24	Y	Clay at 2.5 ft
2-Q	30	30	Y	
2-S	36	36	Y	
2-T	30	30	Y	Cap directly beneath clay
2-U	60	42	N	Sand at 42 in.
2-V	42	42	Y	
2-W	72	50	N	Sand at 50 in., standing water in hole
2-X	48	48	Y	Saturated clay at 18 in.
2-Y	60	42	N	Sand/crushed tuff at 42 in.

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute	Survey ID	X Coordinate	Y Coordinate	Counts per Minute
16	1625200.26	1755371.99	4560	22	1625975.63	1755323.93	4520
16	1625866.23	1754537.21	4660	23	1625338.19	1755380.4	4560
16	1625883.88	1755190.42	5180	23	1625844.88	1755104.8	4240
16	1625921.44	1755381.84	4100	23	1625902.51	1754452.97	4720
16	1625926.52	1755531.99	4800	23	1625913.76	1755402.45	5920
16	1625965.72	1755336.32	4300	23	1625946.77	1755569.5	4560
17	1625214.08	1755373.44	4220	23	1625967.66	1755323.73	4420
17	1625872.36	1754526.28	4680	24	1625362.99	1755382.05	4100
17	1625880.89	1755177.01	4480	24	1625839.71	1755094.61	4520
17	1625926.45	1755381.04	4280	24	1625904.78	1754441.06	5360
17	1625929.07	1755544.76	4720	24	1625911.87	1755408.61	5160
17	1625973.27	1755333.74	4300	24	1625947.82	1755578.95	5220
18	1625240.38	1755373.91	4580	24	1625959.87	1755324.61	3880
18	1625881.6	1755173.5	4360	25	1625381.32	1755383.22	4480
18	1625882.25	1754512.98	4500	25	1625835.36	1755085.08	3980
18	1625928.49	1755552.64	5380	25	1625911.92	1754432.43	4800
18	1625930.8	1755381.22	4740	25	1625916.84	1755412.38	4140
18	1625983.98	1755332.41	3840	25	1625951.44	1755584.44	4600
19	1625259.24	1755376.65	4380	25	1625959.68	1755319.28	4040
19	1625863.94	1755142.64	4720	26	1625403.06	1755385.16	4060
19	1625865.27	1754501.45	4040	26	1625829.28	1755078.97	4560
19	1625917.8	1755390.59	4340	26	1625920.96	1755414.22	4360
19	1625932.86	1755558.53	4240	26	1625921.88	1754417.31	4400
19	1625985.61	1755331.17	4720	26	1625953.39	1755593.7	5180
20	1625279.3	1755378.42	4660	26	1625968.3	1755318.53	4300
20	1625859.43	1755132.93	4640	27	1625425.19	1755385.67	4060
20	1625895.41	1754491.79	4980	27	1625827.39	1755070.52	4940
20	1625921.93	1755398.15	5260	27	1625924.28	1755418.35	5380
20	1625936.98	1755547.8	4840	27	1625926.34	1754411.25	4920
20	1625993.27	1755323.1	4600	27	1625956.62	1755604.42	4460
21	1625302.23	1755380.9	4320	27	1625978.34	1755318.8	4260
21	1625854.85	1755126.33	4640	28	1625435.31	1755387.35	4540
21	1625891.4	1754482.99	4600	28	1625822.25	1755059.35	4140
21	1625924.93	1755397.43	4700	28	1625919	1755418.74	5380
21	1625946.46	1755551.97	4780	28	1625934.02	1754404.86	5040
21	1625983.79	1755322.7	4140	28	1625959	1755613.82	4800
22	1625320.26	1755380.15	4240	28	1625986.27	1755318.82	4120
22	1625850.74	1755116.92	4220	29	1625453.42	1755388.77	4460
22	1625896.29	1754468.32	4280	29	1625815.9	1755048.05	4060
22	1625926.09	1755402.39	5340	29	1625920.35	1755425.22	6040
22	1625944.61	1755560.57	4600	29	1625950.85	1754402.24	4900

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute	Survey ID	X Coordinate	Y Coordinate	Counts per Minute
44	1625940.87	1755757.11	4780	53	1625586.04	1755543.83	4400
44	1626032.9	1755327.01	3740	53	1625704.23	1754796.72	4040
45	1625557.82	1755484.85	4920	53	1625873.39	1755452.04	5020
45	1625710.22	1754815.5	4580	53	1625989.63	1755774.8	73300
45	1625879.03	1755439.04	4940	53	1626011.93	1755311.29	4460
45	1625953.44	1755760.74	4720	54	1625588.28	1755553.55	5700
45	1626023.74	1755328.25	4200	54	1625701.98	1754787.93	3730
46	1625560.1	1755492.51	5060	54	1625872.47	1755447.32	4600
46	1625699.35	1754818.62	3980	54	1625984.83	1755777	4440
46	1625880.04	1755443.98	5000	54	1626004.25	1755310.49	7530
46	1625965.59	1755758.85	4940	55	1625588.49	1755558.44	4960
46	1626016.59	1755325.54	4340	55	1625695.87	1754789.46	4620
47	1625569.31	1755500.89	6490	55	1625869.73	1755454.17	4360
47	1625698.45	1754810.71	4520	55	1625995.2	1755781.47	4840
47	1625881.44	1755449.4	5300	55	1625995.37	1755310.18	4200
47	1625951.63	1755769.6	4460	56	1625590.48	1755565	5160
47	1626055.44	1755313.45	4440	56	1625690.25	1754789.84	4300
48	1625574.9	1755506.3	4380	56	1625865.13	1755451.15	4580
48	1625706.84	1754806.7	4640	56	1625986.35	1755309.46	4320
48	1625885.34	1755452.53	4680	56	1625992.14	1755791.75	5140
48	1625953.54	1755774.89	5000	57	1625588.16	1755569.88	5040
48	1626044.68	1755312.64	4980	57	1625693.71	1754784.27	4040
49	1625576.89	1755512.2	4680	57	1625865.34	1755451.32	4340
49	1625704.55	1754798.99	4520	57	1625975.63	1755309.65	4140
49	1625890.56	1755453.57	4280	57	1625997.45	1755794.02	5040
49	1625953.17	1755784.96	4820	58	1625590.09	1755579.88	4700
49	1626040.47	1755313.91	9140	58	1625699.38	1754778.24	4620
50	1625582.16	1755519.23	5020	58	1625860.57	1755444.41	4580
50	1625698.88	1754802.37	5020	58	1625961.6	1755312.37	4500
50	1625880.8	1755461.72	4720	58	1625994.63	1755796.43	4560
50	1625962.32	1755785.79	4400	59	1625590.64	1755588.11	4520
50	1626035.74	1755312.62	33100	59	1625697.47	1754768.49	4200
51	1625580.87	1755526.89	5600	59	1625856.8	1755439.82	4280
51	1625694.09	1754806.7	4040	59	1625961.07	1755305.21	4700
51	1625878.72	1755453.36	5220	59	1625994	1755802.03	5020
51	1625975.34	1755777.56	4680	60	1625591.85	1755594.91	4980
51	1626028.08	1755312.61	5180	60	1625684.05	1754770.52	4380
52	1625585.16	1755538.86	4660	60	1625856.93	1755434.76	4060
52	1625877.03	1755448.45	4040	60	1625967.41	1755304.41	4320
52	1625983.62	1755772.68	4800	60	1625998.66	1755806.47	4520
52	1626019.83	1755310.94	4140	61	1625592.42	1755602.72	4160

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute	Survey ID	X Coordinate	Y Coordinate	Counts per Minute
77	1625969.97	1755291.69	3860	86	1625819.29	1755464.25	5540
77	1626014.99	1755801.99	5380	86	1625933.85	1755736.92	4600
78	1625584.02	1755752.68	4900	87	1625589.62	1755763.63	5100
78	1625676.27	1754686.34	5240	87	1625700.05	1755419.56	5040
78	1625840.35	1755464.12	4380	87	1625746.55	1754633.04	4240
78	1625983.48	1755291.48	4300	87	1625815.02	1755457.76	5060
78	1626007.58	1755792.63	4960	87	1625985.43	1755730.61	4580
79	1625589.28	1755752.98	5860	88	1625586.3	1755764.07	5720
79	1625677.06	1754689.41	4960	88	1625685.92	1755415.01	5140
79	1625834.2	1755457.12	4680	88	1625756.58	1754630.01	4580
79	1625994.98	1755292.71	4900	88	1625814.96	1755437.52	4400
79	1626019.82	1755786.15	[illegible]4840	88	1625989.58	1755728.15	4560
80	1625595.21	1755752.14	4520	89	1625580.93	1755769.67	5260
80	1625830.69	1755447.34	4440	89	1625674.66	1755407.48	4760
80	1625985.7	1755767.75	4020	89	1625758.47	1754622.41	4800
80	1626005.27	1755292.45	4840	89	1625809.32	1755431.05	4140
81	1625598.07	1755747.6	4820	89	1625979.32	1755716.23	4440
81	1625828.29	1755443.31	4680	90	1625580.58	1755773.87	4420
81	1625985.51	1755761.26	4540	90	1625661.99	1755398.92	5200
81	1626016.44	1755293.05	4860	90	1625805.15	1755426.33	5100
82	1625604.08	1755751.35	4860	90	1625980.18	1755708.19	4260
82	1625722.76	1754668.46	4700	91	1625592.18	1755770.73	4900
82	1625829.29	1755428.37	4280	91	1625706.61	17[illegible]427.76	5600
82	1625974.37	1755757.37	4560	91	1625978.48	17[illegible]97.31	4880
82	1626030.34	1755297.67	4600	92	1625590.11	1755775.11	6020
83	1625600.85	1755757.85	5340	92	1625647.33	1755391.26	4640
83	1625728.18	1754662.04	4780	92	1625861.94	1755087.37	4760
83	1625824.32	1755433.72	4900	93	1625585.86	1755777.38	5360
83	1625989.36	1755758.11	4380	93	1625976.87	1755678.94	4800
83	1626044.66	1755297.99	4560	94	1625582.52	1755777.24	5380
84	1625597.5	1755755.51	4820	94	1625623.94	1755382.06	3700
84	1625738.62	1755444.06	4620	94	1625793.44	1755458.43	3760
84	1625828.22	1755445.74	4080	94	1625980.02	1755669.27	4900
84	1625995.16	1755753.81	5360	95	1625577.24	1755780.1	5260
85	1625596.45	1755753	4100	95	1625613.82	1755372.92	4660
85	1625726.66	1755438.47	4080	95	1625778.46	1755455.7	5180
85	1625827.81	1755454.78	5960	95	1625985.59	1755657.89	4420
85	1626001.82	1755750.38	4640	96	1625571.33	1755784.53	5400
86	1625597.46	1755762.96	5420	96	1625598.51	1755369.13	4500
86	1625712	1755430.75	4440	96	1625782.52	1755466.02	4960
86	1625738.89	1754639.52	5120	96	1625980.06	1755644.8	4820

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute	Survey ID	X Coordinate	Y Coordinate	Counts per Minute
120	1625550.92	1755889.06	5260	133	1625972.39	1755366.31	4680
120	1625588.82	1755116.61	4480	134	1625640.1	1755907.29	5480
120	1625939.58	1755482.76	4340	134	1625745.84	1755056.86	4700
121	1625557.44	1755890.1	5220	134	1625982.4	1755377.85	4940
121	1625600.04	1755112.34	4160	135	1625695.62	1755906.4	5640
121	1625943.27	1755477.9	4860	135	1625757.05	1755052.59	4420
122	1625562.95	1755889.64	5940	135	1625990.35	1755377.53	4940
122	1625611.25	1755108.07	4520	136	1625667.93	1755916.55	5180
122	1625945.97	1755470.1	4240	136	1625768.27	1755048.32	4500
123	1625565.45	1755895.19	5160	136	1625999.65	1755377.88	4360
123	1625622.47	1755103.8	4380	137	1625674.26	1755921.08	5700
123	1625948.8	1755461.57	4680	137	1625779.48	1755044.05	4080
124	1625570.28	1755889.87	5740	137	1626008.71	1755378.09	3900
124	1625633.68	1755099.54	4160	138	1625679.5	1755923.28	7370
124	1625950.9	1755450.88	4660	138	1625790.7	1755039.79	3840
125	1625576.63	1755887.68	5120	138	1626018.45	1755378.61	4240
125	1625644.9	1755095.27	3980	139	1625683.09	1755924.69	6310
125	1625952.57	1755443.98	4640	139	1625801.91	1755035.52	4040
126	1625585.25	1755893.66	5140	139	1626026.9	1755376.33	4240
126	1625656.11	1755091	4380	140	1625693.09	1755127.82	4420
126	1625962.11	1755437.14	4600	140	1625687.33	1755923.98	7310
127	1625592.67	1755892.46	5480	140	1626040.03	1755376.56	4920
127	1625667.33	1755086.73	5080	141	1625604.3	1755123.56	4140
127	1625956.23	1755424.68	4320	141	1625722.75	1755922.43	6230
128	1625592.66	1755895.97	5660	141	1626048.28	1755369.13	4500
128	1625678.54	1755082.47	4860	142	1625615.52	1755119.29	3230
128	1625957.58	1755415.47	4400	142	1625727.07	1755918.01	6530
129	1625594.51	1755898.62	6850	142	1626039.24	1755365.88	4220
129	1625689.76	1755078.2	4620	143	1625626.73	1755115.02	4540
129	1625960.96	1755403.18	4520	143	1625726.42	1755911.91	6350
130	1625601.07	1755905.9	6040	143	1626028.22	1755360.97	4880
130	1625700.97	1755073.93	4380	144	1625637.95	1755110.75	4480
130	1625969.73	1755394.61	4860	144	1625729.52	1755915.23	6750
131	1625606.03	1755906.67	5940	144	1626015.63	1755361	4180
131	1625712.19	1755069.66	4840	145	1625649.16	1755106.48	3720
131	1625962.26	1755379.65	4620	145	1625737.7	1755918.22	6350
132	1625621.92	1755908.16	5540	145	1626004.78	1755361.85	4340
132	1625723.41	1755065.39	4400	146	1625660.38	1755102.22	4780
132	1625962.97	1755369.15	4760	146	1625740.96	1755922.09	6870
133	1625631.9	1755916.13	6930	146	1625994.24	1755360.45	4860
133	1625734.62	1755061.13	5040	147	1625671.6	1755097.95	4200

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute	Survey ID	X Coordinate	Y Coordinate	Counts per Minute
211	1625729.26	1755114.52	4180	252	1625749.01	1755132.69	4580
212	1625740.48	1755110.26	4340	253	1625760.23	1755128.42	3350
213	1625751.69	1755105.99	4080	254	1625771.44	1755124.15	4640
214	1625762.91	1755101.72	4520	255	1625782.66	1755119.88	4540
215	1625774.12	1755097.45	4080	256	1625793.87	1755115.62	4300
216	1625785.34	1755093.18	4700	257	1625805.09	1755111.35	3780
217	1625796.55	1755088.92	4140	258	1625816.3	1755107.09	4400
218	1625807.77	1755084.65	4140	259	1625827.52	1755102.81	4460
219	1625818.98	1755080.38	4040	260	1625618.69	1755195.12	4200
220	1625610.16	1755172.68	4120	261	1625629.91	1755190.85	4380
221	1625621.37	1755168.42	4280	262	1625641.13	1755186.58	4680
222	1625632.59	1755164.15	4020	263	1625652.34	1755182.31	4000
223	1625643.81	1755159.88	4140	264	1625663.56	1755178.04	4880
224	1625655.02	1755155.61	4700	265	1625674.77	1755173.78	4020
225	1625666.24	1755151.35	4880	266	1625685.99	1755169.51	3980
226	1625677.45	1755147.08	4600	267	1625697.2	1755165.24	4840
227	1625688.67	1755142.81	3980	268	1625708.42	1755160.97	3860
228	1625699.88	1755138.54	3450	269	1625719.63	1755156.71	4860
229	1625711.1	1755134.27	3370	270	1625730.85	1755152.44	4500
230	1625722.31	1755130.01	3510	271	1625742.06	1755148.17	4280
231	1625733.53	1755125.74	4720	272	1625753.28	1755143.9	4200
232	1625744.74	1755121.47	4360	273	1625764.5	1755139.63	3570
233	1625755.96	1755117.2	4140	274	1625775.71	1755135.37	4760
234	1625767.17	1755112.94	3980	275	1625786.93	1755131.1	4320
235	1625778.39	1755108.67	4760	276	1625798.14	1755126.83	4700
236	1625789.61	1755104.4	4560	277	1625809.36	1755122.56	3010
237	1625800.82	1755100.13	4300	278	1625820.57	1755118.29	4460
238	1625812.04	1755095.86	4680	279	1625831.79	1755114.03	4380
239	1625823.25	1755091.6	4300	280	1625622.96	1755206.33	3210
240	1625614.43	1755183.9	4260	281	1625634.18	1755202.06	4440
241	1625625.64	1755179.63	4240	282	1625645.39	1755197.8	4120
242	1625636.86	1755175.36	3920	283	1625656.61	1755193.53	4160
243	1625648.07	1755171.1	4820	284	1625667.82	1755189.26	4380
244	1625659.29	1755166.83	4280	285	1625679.04	1755184.99	4080
245	1625670.5	1755162.56	4260	286	1625690.25	1755180.72	4080
246	1625681.72	1755158.29	4300	287	1625701.47	1755176.46	4200
247	1625692.93	1755154.03	4340	288	1625712.69	1755172.19	4500
248	1625704.15	1755149.76	4000	289	1625723.9	1755167.92	4200
249	1625715.37	1755145.49	3780	290	1625735.12	1755163.65	4180
250	1625726.58	1755141.22	4180	291	1625746.33	1755159.39	3920
251	1625737.8	1755136.95	4760	292	1625757.55	1755155.12	3410

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute	Survey ID	X Coordinate	Y Coordinate	Counts per Minute
375	1625805.42	1755179.7	3740	416	1625825.17	1755197.86	4540
376	1625816.64	1755175.43	5000	417	1625836.39	1755193.59	4040
377	1625827.85	1755171.16	4680	418	1625847.6	1755189.33	4340
378	1625839.07	1755166.9	4060	419	1625858.82	1755185.06	3350
379	1625850.28	1755162.63	4080	420	1625649.99	1755277.36	4220
380	1625641.46	1755254.93	4200	421	1625661.21	1755273.09	4440
381	1625652.67	1755250.66	4300	422	1625672.42	1755268.83	4560
382	1625663.89	1755246.4	4460	423	1625683.64	1755264.56	4560
383	1625675.1	1755242.13	4180	424	1625694.85	1755260.29	5180
384	1625686.32	1755237.86	3700	425	1625706.07	1755256.02	4740
385	1625697.53	1755233.59	4020	426	1625717.28	1755251.76	4440
386	1625708.75	1755229.32	4540	427	1625728.5	1755247.49	4520
387	1625719.96	1755225.06	4240	428	1625739.72	1755243.22	4100
388	1625731.18	1755220.79	3800	429	1625750.93	1755238.95	3840
389	1625742.4	1755216.52	4340	430	1625762.15	1755234.68	4180
390	1625753.61	1755212.25	4340	431	1625773.36	1755230.42	4200
391	1625764.83	1755207.99	4360	432	1625784.58	1755226.15	4200
392	1625776.04	1755203.72	4400	433	1625795.79	1755221.88	4200
393	1625787.26	1755199.45	4640	434	1625807.01	1755217.61	4360
394	1625798.47	1755195.18	4140	435	1625818.22	1755213.34	4620
395	1625809.69	1755190.91	4140	436	1625829.44	1755209.08	4540
396	1625820.9	1755186.65	4140	437	1625840.65	1755204.81	4240
397	1625832.12	1755182.38	3920	438	1625851.87	1755200.54	4600
398	1625843.33	1755178.11	4580	439	1625863.08	1755196.27	4160
399	1625854.55	1755173.84	3530	440	1625654.26	1755288.58	6040
400	1625645.72	1755266.15	4340	441	1625665.48	1755284.31	5840
401	1625656.94	1755261.88	4520	442	1625676.60	1755280.04	4320
402	1625668.15	1755257.61	4380	443	1625687.91	1755275.77	4920
403	1625679.37	1755253.34	4880	444	1625699.12	1755271.51	4600
404	1625690.59	1755249.08	4540	445	1625710.34	1755267.24	4540
405	1625701.8	1755244.81	4300	446	1625721.55	1755262.97	4580
406	1625713.02	1755240.54	4580	447	1625732.77	1755258.7	4000
407	1625724.23	1755236.27	3700	448	1625743.98	1755254.43	3840
408	1625735.45	1755232	4340	449	1625755.2	1755250.17	4420
409	1625746.66	1755227.74	4420	450	1625766.41	1755245.9	4060
410	1625757.88	1755223.47	4180	451	1625777.63	1755241.63	4560
411	1625769.09	1755219.2	4260	452	1625788.84	1755237.36	4260
412	1625780.31	1755214.93	4520	453	1625800.06	1755233.1	4300
413	1625791.52	1755210.67	4220	454	1625811.28	1755228.83	4360
414	1625802.74	1755206.4	4380	455	1625822.49	1755224.56	4480
415	1625813.96	1755202.13	4180	456	1625833.71	1755220.29	4480

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute	Survey ID	X Coordinate	Y Coordinate	Counts per Minute
539	1625881.58	1755244.87	3840	580	1625681.29	1755359.61	4280
540	1625672.75	1755337.18	3760	581	1625692.5	1755355.34	3780
541	1625683.97	1755332.91	4080	582	1625703.72	1755351.07	4400
542	1625695.18	1755328.64	4200	583	1625714.94	1755346.81	3450
543	1625706.4	1755324.37	4320	584	1625726.15	1755342.54	3170
544	1625717.62	1755320.11	3590	585	1625737.37	1755338.27	4760
545	1625728.83	1755315.84	3700	586	1625748.58	1755334	17000
546	1625740.05	1755311.57	3740	587	1625759.8	1755329.73	4280
547	1625751.26	1755307.3	4100	588	1625771.01	1755325.47	4120
548	1625762.48	1755303.04	3760	589	1625782.23	1755321.2	4580
549	1625773.69	1755298.77	3720	590	1625793.44	1755316.93	3920
550	1625784.91	1755294.5	3860	591	1625804.66	1755312.66	3960
551	1625796.12	1755290.23	3610	592	1625815.87	1755308.39	3900
552	1625807.34	1755285.96	4260	593	1625827.09	1755304.13	3840
553	1625818.55	1755281.7	4660	594	1625838.31	1755299.86	4060
554	1625829.77	1755277.43	4340	595	1625849.52	1755295.59	4360
555	1625840.98	1755273.16	4880	596	1625860.74	1755291.32	3840
556	1625852.2	1755268.89	4620	597	1625871.95	1755287.06	4140
557	1625863.42	1755264.62	4360	598	1625883.17	1755282.79	3630
558	1625874.63	1755260.35	4460	599	1625894.38	1755278.52	3290
559	1625885.85	1755256.09	4080	600	1625685.56	1755370.82	4820
560	1625677.02	1755348.39	4500	601	1625696.77	1755366.56	3650
561	1625688.24	1755344.13	4400	602	1625707.99	1755362.29	4320
562	1625699.45	1755339.86	4520	603	1625719.2	1755358.02	4040
563	1625710.67	1755335.59	4580	604	1625730.42	1755353.75	3150
564	1625721.88	1755331.32	4100	605	1625741.63	1755349.48	4180
565	1625733.1	1755327.05	4300	606	1625752.85	1755345.22	3840
566	1625744.31	1755322.79	3840	607	1625764.06	1755340.95	4000
567	1625755.53	1755318.52	3470	608	1625775.28	1755336.68	3740
568	1625766.74	1755314.25	3920	609	1625786.5	1755332.41	3630
569	1625777.96	1755309.98	4120	610	1625797.71	1755328.15	4120
570	1625789.18	1755305.71	3840	611	1625808.93	1755323.88	3920
571	1625800.39	1755301.45	3680	612	1625820.14	1755319.61	4080
572	1625811.61	1755297.18	4080	613	1625831.36	1755315.34	4040
573	1625822.82	1755292.91	3350	614	1625842.57	1755311.07	3610
574	1625834.04	1755288.64	3570	615	1625853.79	1755306.81	3630
575	1625845.25	1755284.38	4520	616	1625865	1755302.54	4080
576	1625856.47	1755280.11	5060	617	1625876.22	1755298.27	3720
577	1625867.68	1755275.84	4540	618	1625887.43	1755294	3840
578	1625878.9	1755271.57	4560	619	1625898.65	1755289.74	3370
579	1625890.11	1755267.3	4080	620	1625689.82	1755382.04	4360

Table B-4.0-6 (continued)

Survey ID	X Coordinate	Y Coordinate	Counts per Minute
703	1625819.76	1755386.09	4280
704	1625830.98	1755381.82	3490
705	1625842.19	1755377.56	4140
706	1625853.41	1755373.29	3700
707	1625864.62	1755369.02	4000
708	1625875.84	1755364.75	4480
709	1625887.05	1755360.49	3680
710	1625756.74	1755422.91	4680
711	1625767.95	1755418.65	3550
712	1625779.17	1755414.38	4120
713	1625790.38	1755410.11	4000
714	1625801.6	1755405.84	3610
715	1625812.81	1755401.58	3800
716	1625824.03	1755397.31	3760
717	1625835.24	1755393.04	3700
718	1625846.46	1755388.77	4180
719	1625857.68	1755384.5	4080
720	1625868.89	1755380.24	3940
721	1625880.11	1755375.97	4260
722	1625891.32	1755371.7	3700
723	1625783.44	1755425.59	3700
724	1625794.65	1755421.33	3720
725	1625805.87	1755417.06	4240
726	1625817.08	1755412.79	3350
727	1625828.3	1755408.52	3860
728	1625839.51	1755404.26	4060
729	1625850.73	1755399.99	4380
730	1625861.94	1755395.72	4300
731	1625873.16	1755391.45	4080
732	1625810.13	1755428.27	4660
733	1625821.35	1755424.01	3860
734	1625832.56	1755419.74	3650
735	1625843.78	1755415.47	4000
736	1625855	1755411.2	3980
737	1625866.21	1755406.93	3960
738	1625877.43	1755402.67	3470
739	1625834.7	1755425.35	4220
740	1625845.91	1755421.08	3450
741	1625857.13	1755416.81	3630
742	1625868.35	1755412.54	3380
743	1625879.56	1755408.27	3880