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REMEDIAL INVESTIGATION ADDENDUM FOR THE ST. LOUIS SITE

Site: SLAPS
ID #: MOD980633176
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Other:
9/1/1994

ST. LOUIS, MISSOURI

SEPTEMBER 1994

prepared by
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ACRONYMS AND ABBREVIATIONS

AEC	Atomic Energy Commission
ASTM	American Society of Testing and Materials
BNAE	base/neutral and acid extractable
BNI	Bechtel National, Inc.
CLP	Contract Laboratory Program
cm	centimeter
cpm	counts per minute
DCG	Derived Concentration Guide
DOE	U.S. Department of Energy
dpm/cm^2	disintegration(s) per minute per square centimeter
EPA	U.S. Environmental Protection Agency
EP-TOX	extraction procedure toxicity
FS	Feasibility Study
FSP	Field Sampling Plan
ft	foot/feet
FUSRAP	Formerly Utilized Sites Remedial Action Program
g	gram
HISS	Hazelwood Interim Storage Site
hr	hour
km	kilometer
L	liter
m	meter
MDA	minimum detectable activity
MED	Manhattan Engineer District
mi	mile
MSD	Metropolitan St. Louis Sewer District
μg	microgram
μR	microroentgen
mrem	millirem
NPL	National Priorities List
Pa	protactinium
PCB	polychlorinated biphenyl
pCi	picoCurie
PIC	pressurized ionization chamber
QAPjP	quality assurance project plan
Ra	radium
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
SAIC	Science Applications International Corporation
SLAPS	St. Louis Airport Site

ACRONYMS AND ABBREVIATIONS (continued)

SLDS	St. Louis Downtown Site
TCE	trichloroethene
TCLP	toxicity characteristic leaching procedure
Th	thorium
TIN	triangular irregular network
TOC	total organic compound
TOX	total organic halide
U	uranium
VOC	volatile organic compound
yr	year

1. INTRODUCTION

The U.S. Department of Energy (DOE) is implementing a program for the management and remediation of contamination at the Formerly Utilized Sites Remedial Action Program (FUSRAP) St. Louis site in St. Louis, Missouri (Figure 1-1). The St. Louis site consists of multiple properties grouped in two main locations designated in this report as the downtown area and the airport area (Figure 1-2). As shown in Figure 1-2, a portion of the St. Louis site is on the U.S. Environmental Protection Agency's (EPA's) National Priorities List (NPL).

The St. Louis site remediation includes the detailed, phased Remedial Investigation/Feasibility Study (RI/FS) process. The RI process characterized the nature and extent of contamination at the site. DOE prepared an RI workplan which presented planned characterization activities at the site. The resultant RI report (BNI 1992) summarized the data and analytical results from radiological and chemical characterization surveys and field investigations conducted at the St. Louis site from 1982 through 1991. The RI report was approved by EPA in February 1992 (EPA 1992). The FS development process involves using the information from the RI report.

In March 1992, a supplemental Field Sampling Plan (FSP) (BNI 1993) for the FUSRAP St. Louis site was submitted to EPA for approval. This supplemental RI work was designed to refine data and site characterization information identified as a result of using the RI characterization information. This supplemental data will enable a refinement of the nature and extent of contamination and characterization information. The FSP, which was approved by EPA in February 1993 (EPA 1993), identified nine objectives which were completed during field work in the fall of 1992. The Quality Assurance Project Plan (QAPjP) (BNI 1993a) was written jointly with the FSP and served two purposes: 1) it summarized the quality assurance practices that were in effect during the initial RI characterization work, and 2) it described the protocols necessary to achieve the FSP data quality objectives defined for the data collection, sample analysis and validation, and data evaluation activities conducted during the 1992 field season, July through December.

In December 1992, a letter report on the sampling of existing archived Coldwater Creek sediment cores was submitted to EPA (SAIC 1992) and approved (EPA 1993). The supplemental data enabled a refinement of the depth of contamination and characterization information in Coldwater Creek.

A Site Suitability Study for the St. Louis Airport Site was performed to assess the suitability of the St. Louis Airport Site (SLAPS) as a location for a disposal facility. This study addresses the potential for seismic activity at or near the site and the ability of the site to withstand it; the suitability of the soils at the site to be the foundation for a disposal facility; the potential for, impact of, and migration pathways for seepage of waste materials from the disposal facility; and the potential for flooding at the site. The report also includes additional data from

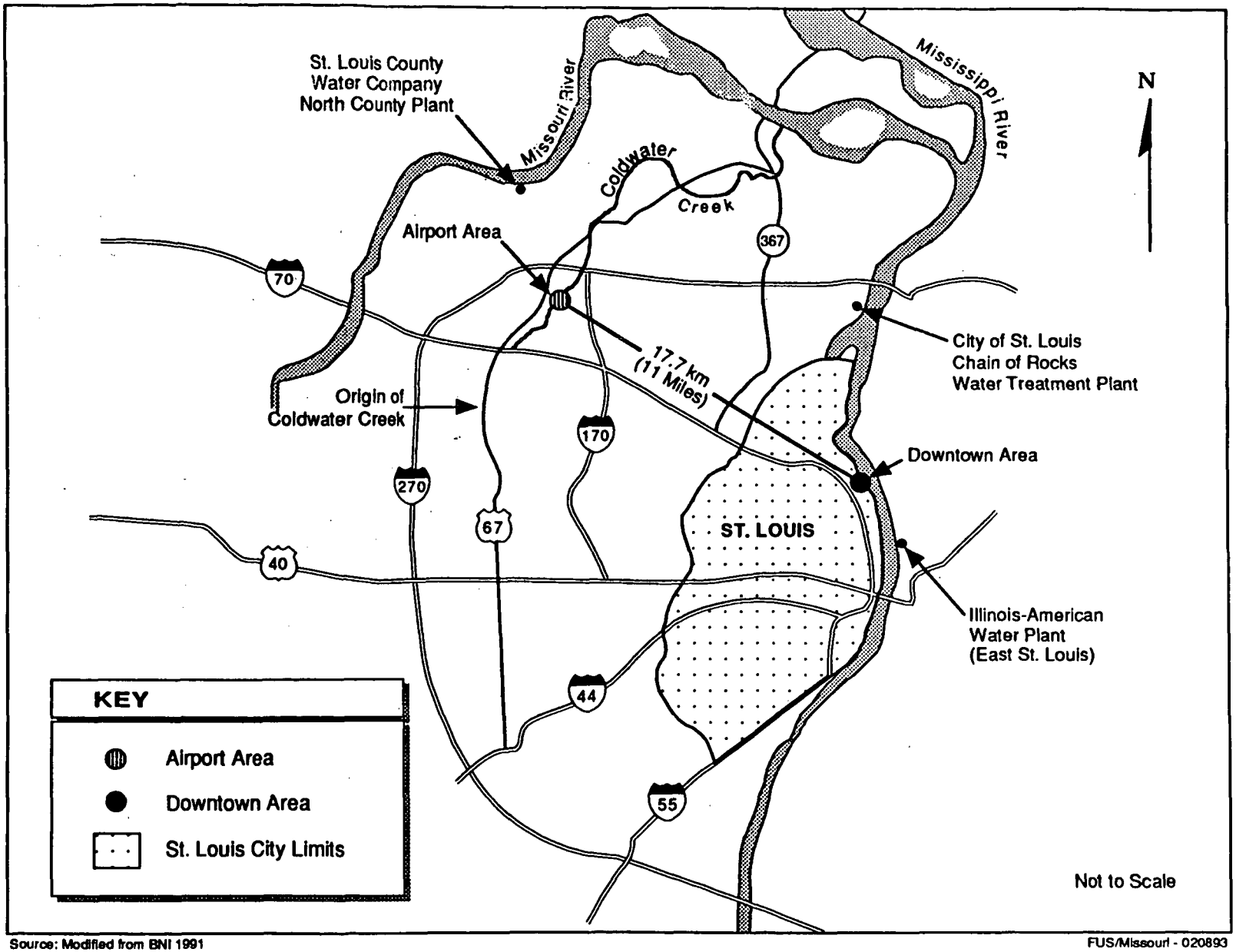

Figure 1-1. Locations of FUSRAP Properties in the St. Louis, Missouri Area

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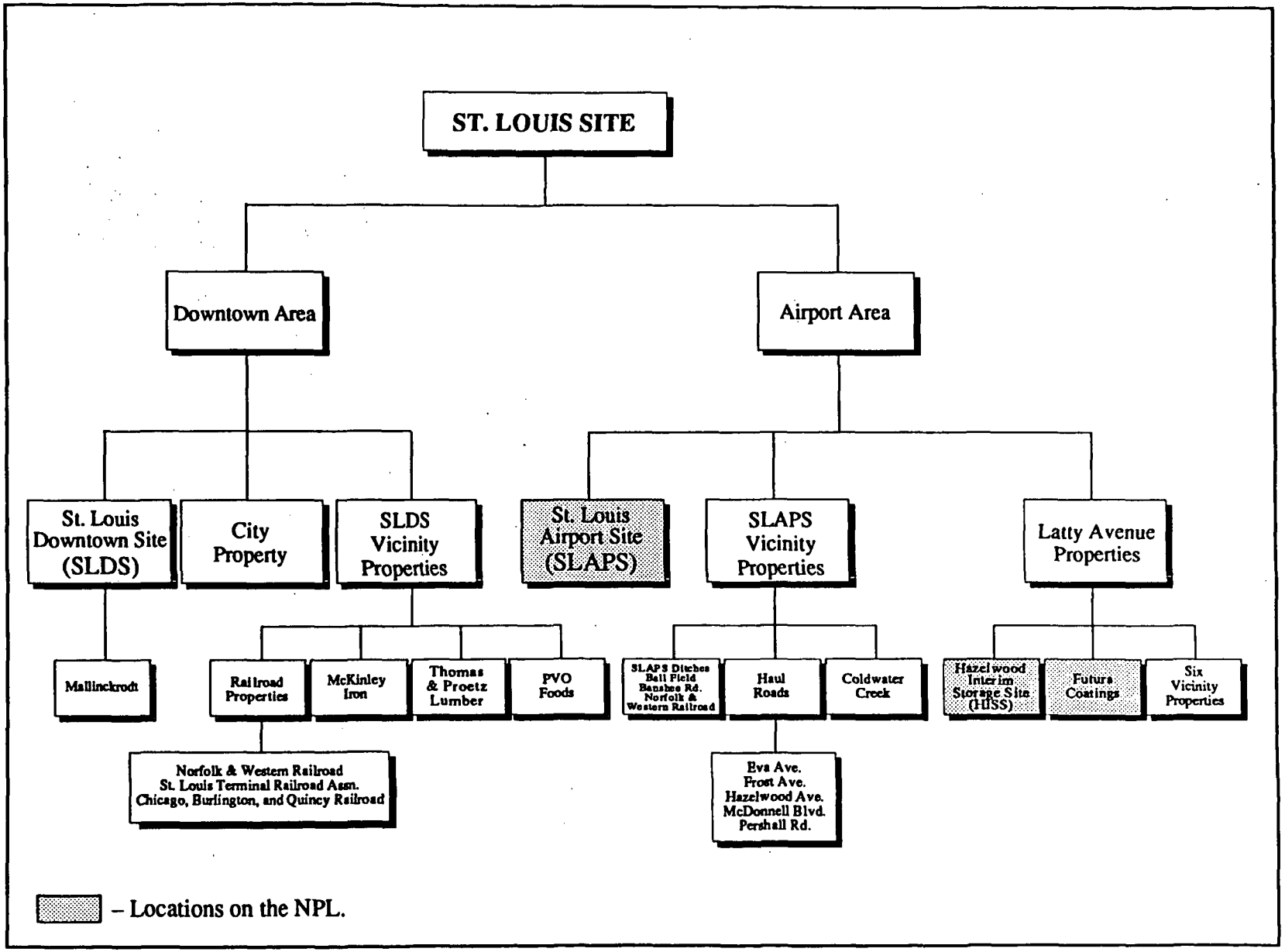

Figure 1-2. Schematic Representation of the St. Louis Site

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a December 1993 field program which was collected to refine the definition of the hydrogeologic conditions at SLAPS (BNI 1994).

The main purpose of this Remedial Investigation Addendum Report is to present the results of the FSP sampling effort. Additionally, historical data were collected from the RI report and associated RI appendices reports, as listed in the references (Section 4), and added to this report to provide a comprehensive summary of the characterization data. To this end, 17 figures have been prepared that address the specific objectives identified in the FSP as well as the historical data. All data tables labeled as FSP Sampling Data refer to the supplemental FSP (BNI 1993). Data tables labeled as Historic Sampling Data, referring to data from the RI report (BNI 1992) and associated RI appendices, do not directly relate to the FSP objectives but are in support of them.

A correlation between the FSP objectives and the figure numbers is presented in Table 1-1. A description of the content of each figure, a summary of the data comprising the figure, and how the figure satisfies the specific FSP objectives is included in Section 2, Description of Extent of Contamination. The data shown on each figure are also presented in the data tables in Section 3. Historical data tables contain only location identifications. Table 1-2 (page 1-8) is provided to correlate location identification, sample identification, and coordinates for the FSP data collected during the 1992 field season. As discussed in Section 3, usage of an abbreviation in a location identification is different from use of the same letter in a sample identification.

The DOE Order 5400.5 (DOE 1990) and DOE internal authorization guidance (Fiore 1990) specify residual soil contamination action levels above background of 5 picoCuries per gram (pCi/g) for surface (<0.5 ft) and 15 pCi/g for subsurface (>0.5 ft) for radium (Ra) and thorium (Th), 50 pCi/g for uranium (U)-238 and 100 pCi/g for Total Uranium. Data from the tables in Section 3 are analyzed using the sum of ratios method for the radionuclides, [i.e., (Th-232 divided by 5 or 15) + (the higher value of Ra-226 or Th-230 divided by 5 or 15) + (U-238 divided by 50)]. Locations exceeding unity (as described below) are shaded on the figures for soil and sediment. Results reported on the FSP Sampling Data Tables with an uncertainty of two standard deviations (2 sigma) equal to zero are the actual reported minimum detectable activities (MDAs) which are set to zero for calculation purposes. Background values have been subtracted out prior to calculating the sum of ratios for soil and sediment data reported above the MDA. The following local St. Louis background values were used: U-238, 1.1 pCi/g; Ra-226, 0.9 pCi/g; Th-230, 1.3 pCi/g; and Th-232, 1.0 pCi/g. Boundaries defining the extent of contamination may have changed in comparison to previous historical presentations due to the subtraction of natural background values and the sum of ratios calculation per DOE Order 5400.5. Presentations of data in the RI Report (BNI 1992) did not subtract background values from measured values and did not follow the sum of ratios criteria, as defined by DOE Order 5400.5.

Each sampling location was plotted according to its x, y, and z coordinates (i.e., easting, northing, and depth) forming a three dimensional arrangement of sample points. A criteria value of zero was assigned to the point if it passed the sum of ratios criteria (i.e., clean) or five was

Table 1-1. Correlation Between Field Sampling Plan Objectives and Supporting Figures and Tables

1992 FIELD SAMPLING PLAN OBJECTIVES	SUPPORTING FIGURES	SUPPORTING TABLES
1: Refine Horizontal and Vertical Boundaries of Soil Contamination at SLDS	2-1: SLDS horizontal soil (plan view) 2-2: SLDS vertical soil (block diagram)	3-1 through 3-6: SLDS Soil
2: Determine the Presence and Extent of Contamination in Drains and Process Lines at SLDS	2-3: SLDS horizontal (plan view)	3-9 and 3-10: SLDS Manholes
3: Refine Horizontal and Vertical Boundaries of Soil Contamination at SLDS Vicinity Properties	2-1: SLDS horizontal soil (plan view) 2-2: SLDS vertical soil (block diagram)	3-1 through 3-6: SLDS Soil
4: Collect Background Soil and Groundwater Samples from the Vicinity of SLDS and SLAPS for Chemical Analyses	2-4: SLDS horizontal groundwater (plan view) 2-8: SLAPS horizontal groundwater (plan view)	3-37: SLDS Background Soil 3-38: SLAPS Background Soil 3-40: SLAPS Groundwater-Chem
5: Collect and Analyze Sediment Samples from the Mississippi River to Determine Concentrations of Radioactive Contaminants	2-1: SLDS horizontal soil/sediment (plan view)	3-7 and 3-8: SLDS Soil/Sediment
6: Collect and Analyze Soil Samples to Determine Whether Mixed Waste is Present	2-7: SLAPS horizontal soil (plan view)	3-11: SLDS TCLP[a] 3-20: SLAPS TCLP 3-29: HISS TCLP
7: Complete Groundwater Characterization at SLDS, SLAPS, and HISS	2-4: SLDS horizontal groundwater (plan view) 2-8: SLAPS horizontal groundwater (plan view) 2-11: HISS horizontal groundwater (plan view)	3-12 and 3-13: SLDS Groundwater 3-21 and 3-22: SLAPS Groundwater 3-30 and 3-31: HISS Groundwater 3-39: SLDS Groundwater-Chem 3-40: SLAPS Groundwater-Chem 3-41: HISS Groundwater-Chem

Table 1-1. (continued)

1992 FIELD SAMPLING PLAN OBJECTIVES	SUPPORTING FIGURES	SUPPORTING TABLES
8: Refine Horizontal Boundaries of Soil Contamination along Haul Roads and Vicinity Properties Associated with SLAPS and HISS	**2-9:** HISS/Futura horizontal soil (plan view) **2-12:** SLAPS Vicinity Properties horizontal soil (plan view)	**3-23 through 3-28:** HISS Soil **3-32 and 3-33:** SLAPS Vicinity Property Soil
9: Conduct Special Studies at the St. Louis Site	**2-14, 2-15, and 2-16:** Futura Coatings Buildings Surveys	**3-42:** Vegetation **3-43:** Protactinium/Actinium in Soil **3-44:** Futura Coatings Building Surveys
Additional: Refine Horizontal and Vertical Boundaries of Sediment Contamination in Coldwater Creek	**2-13:** Coldwater Creek Sediment	**3-34 through 3-36:** Coldwater Creek Sediment

[a] TCLP = Toxicity Characteristic Leaching Procedure

assigned to the point if it failed the sum of ratios criteria (i.e., contaminated). A triangular irregular network (TIN), the most common method of interpolation of elevation data, was constructed between adjacent points with a criteria value of five.

A regularly spaced, orthogonal, three dimensional coordinate system was then superimposed over the TIN, extending beyond the boundaries of contamination. This resulted in a series of three dimensional cells, whose corners formed right angles. Each corner, a point, was assigned an appropriate criteria value of zero or five depending on whether or not it was within the contaminated area defined by the TIN. The cell size was chosen so that rapid changes in the criteria values between neighboring points were not masked.

A contour line circumscribing the area of contamination is drawn connecting all points on the grid with an interpolated value of 2.5, halfway between criteria values corresponding to contaminated locations and uncontaminated locations. Professional judgment is used to close contour lines where a contaminated criteria value is not bounded by a noncontaminated criteria value, and also where the contour is closed, but extrapolated beyond the validity of the data. In this manner, a three dimensional representation of the contamination was created from which profiles and cross-sections could be produced.

Two grid systems were used during sampling at the Hazelwood Interim Storage Site (HISS)/Futura site. One grid was the SLAPS grid system, the other was a grid system specifically for HISS. In this report, Figures 2-9, 2-10, and 2-11 use the HISS grid system as shown on each figure. The historical data previously reported on the SLAPS grid system have been converted to the HISS grid system for tabulation (Tables 3-23 through 3-31) and plotting.

The SLAPS vicinity properties, including the HISS/Futura site, are shown on Figure 2-12 and use the SLAPS grid system for consistency in plotting. The historical data that used the HISS grid system have been converted to the SLAPS grid system for tabulation (Tables 3-32 and 3-33) and plotting.

The groundwater monitoring well locations and data are presented on figures in Section 2 for each of the three areas (St. Louis Downtown Site [SLDS], SLAPS, and HISS). Data were evaluated against DOE's Derived Concentration Guide (DCG) values defined in DOE Order 4500.5 as 600 pCi/liter (L) for Total Uranium, 100 pCi/L for Ra-226, 300 pCi/L for Th-230, and 50 pCi/L for Th-232. Data were also evaluated against tolerance intervals based on EPA statistical analysis of groundwater monitoring data (EPA 1989). A one-sided upper 95% tolerance limit was calculated for each of three radionuclides (Total Uranium, Ra-226, and Th-230). The tolerance interval establishes a concentration range in which there is a 95% confidence that the tolerance limit will contain at least 95% of the distribution of observations from background well data. The mean was added to a multiplication of the standard deviation of the SLAPS background well data and a tolerance factor for the nine data points. The upper tolerance levels were calculated to be 9.3 pCi/L for Total Uranium, 1.6 pCi/L for Ra-226, and 1.0 pCi/L for Thorium-230. Background well data were not available for Th-232 so an upper tolerance limit could not be calculated. Data are flagged in the data tables when results

Table 1-2
Correlation Between Location ID, Sample ID, and Coordinates for Field Sampling Plan Data

Sample ID	Location ID	Coordinates Easting	Coordinates Northing	Depth Interval (feet)
A00101	SCH001	4527	7435	0.0 - 2.0
A00102	SCH001	4527	7435	4.0 - 6.0
A00103	SCH001	4527	7435	10.0 - 12.0
A00104	SCH002	4609	7446	0.0 - 2.0
A00105	SCH002	4609	7446	8.0 - 10.0
A00106	SCH003	4659	7429	0.0 - 2.0
A00107	SCH003	4659	7429	6.0 - 8.0
A00108	SCH003	4659	7429	10.0 - 12.0
A00109	SCH004	4706	7394	2.0 - 4.0
A0010A	SCH004	4706	7394	4.0 - 6.0
A00131	V001	752	2899	n/a
A00231	V002	949	2899	n/a
A00331	V003	1152	2900	n/a
A00431	V004	1300	2900	n/a
A00531	V005	4927	4022	n/a
A00631	V006	4848	3951	n/a
A06001	B53C60	810	1199	2.0 - 4.0
A06002	B53C60	810	1199	5.0 - 7.0
A06101	B53C61	1001	1097	6.5 - 8.5
A06102	B53C61	1001	1097	13.0 - 15.0
A06201	B53C62	1200	1300	4.0 - 6.0
A06202	B53C62	1200	1300	8.0 - 10.0
A06301	B53C63	1402	1400	0.0 - 2.0
A06302	B53C63	1402	1400	3.0 - 5.0
A06401	B53C64	1398	1012	7.0 - 9.0
A06402	B53C64	1398	1012	13.0 - 15.0
A06501	B53C65	1481	1212	2.0 - 4.0
A06502	B53C65	1481	1212	5.0 - 7.0
A06601	B53C66	1703	1400	0.0 - 2.0
A06602	B53C66	1703	1400	7.0 - 9.0
A06701	B53C67	1901	1500	0.0 - 2.0
A06702	B53C67	1901	1500	7.0 - 9.0
A06801	B53C68	1898	1010	2.0 - 4.0
A06802	B53C68	1898	1010	4.0 - 6.0
A06901	B53C69	2002	1199	1.0 - 3.0
A06902	B53C69	2002	1199	6.0 - 8.0
A07001	B53C70	2100	1400	0.0 - 2.0
A07002	B53C70	2100	1400	9.5 - 11.5
A07101	B53C71	2250	1049	0.5 - 2.5
A07102	B53C71	2250	1049	4.0 - 6.0
A07201	B53C72	2399	1196	2.0 - 4.0
A07202	B53C72	2399	1196	8.0 - 10.0
A07301	B53C73	2499	1049	1.0 - 3.0
A07302	B53C73	2499	1049	5.0 - 7.0
A07401	B53C74	2700	1100	1.5 - 3.5
A07402	B53C74	2700	1100	6.0 - 8.0
A07501	B53C75	1868	1202	3.0 - 5.0
A07502	B53C75	1868	1202	8.0 - 10.0
B01201	B53W12D	3530	1211	0.0 - 0.5
B01202	B53W12D	3530	1211	4.0 - 6.0
B01203	B53W12D	3530	1211	10.0 - 12.0

Sample ID	Location ID	Coordinates Easting	Northing	Depth Interval (feet)
B01204	B53W12D	3530	1211	38.0 - 40.0
B01205	B53W12D	3530	1211	52.5 - 54.4
B01261	B53W12D	3530	1211	n/a
B01701	B53W17S	1910	1751	0.0 - 0.5
B01702	B53W17S	1910	1751	2.0 - 4.0
B01703	B53W17S	1910	1751	10.0 - 12.0
B01704	B53W17S	1910	1751	24.0 - 26.0
B01705	B53W17S	1910	1751	28.0 - 30.0
B01706	B53W17S	1910	1751	8.0 - 10.0
B01761	B53W17S	1910	1751	n/a
B01801	B53W18S	560	1561	0.0 - 0.5
B01802	B53W18S	560	1561	4.0 - 6.0
B01803	B53W18S	560	1561	10.0 - 12.0
B01804	B53W18S	560	1561	25.0 - 27.0
B01805	B53W18S	560	1561	30.0 - 32.0
B01861	B53W18S	560	1561	n/a
B01901	B53W19S	1426	853	0.0 - 0.5
B01902	B53W19S	1426	853	2.0 - 4.0
B01903	B53W19S	1426	853	10.0 - 12.0
B01904	B53W19S	1426	853	6.0 - 8.0
B01905	B53W19S	1426	853	12.0 - 14.0
B01961	B53W19S	1426	853	n/a
B02001	B53W20S	3303	804	0.0 - 0.5
B02002	B53W20S	3303	804	2.0 - 4.0
B02003	B53W20S	3303	804	10.0 - 12.0
B02004	B53W20S	3303	804	17.0 - 19.0
B02005	B53W20S	3303	804	14.0 - 16.0
B02061	B53W20S	3303	804	n/a
D00101	B16C88	-1027	2382	0.0 - 2.0
D00102	B16C88	-1027	2382	6.0 - 8.0
D00103	B16C88	-1027	2382	10.0 - 12.0
D00104	B16C89	-940	2220	2.0 - 4.0
D00105	B16C89	-940	2220	4.0 - 6.0
D00106	B16C90	-660	2388	4.0 - 6.0
D00107	B16C90	-660	2388	6.0 - 8.0
D00108	B16C90	-660	2388	8.0 - 10.0
D00109	B16C91	-569	2605	0.0 - 2.0
D0010A	B16C91	-569	2605	4.0 - 6.0
D07001	B16C70	1517	2050	0.0 - 2.0
D07101	B16C71	2749	1791	0.0 - 2.0
D07102	B16C71	2749	1791	2.0 - 5.0
D07201	B16C72	2445	1507	0.0 - 2.0
D07202	B16C72	2445	1507	2.0 - 4.0
D07301	B16C73	2615	1818	6.0 - 8.0
D07302	B16C73	2615	1818	8.0 - 10.0
D07401	B16C74	2654	1510	2.0 - 4.0
D07402	B16C74	2654	1510	7.0 - 9.0
D07501	B16C75	2235	1465	5.0 - 7.0
D07601	B16C76	2980	1400	0.0 - 2.0
D07602	B16C76	2980	1400	6.0 - 8.0
D07701	B16C77	2505	1392	0.0 - 2.0
D07702	B16C77	2505	1392	6.0 - 8.0
D07801	B16C78	2860	1280	7.0 - 8.5
D07802	B16C78	2860	1280	11.0 - 12.0

Sample ID	Location ID	Coordinates Easting	Northing	Depth Interval (feet)
D07901	B16C79	2234	1700	2.0 - 4.0
D07902	B16C79	2234	1700	4.0 - 6.0
D08001	B16C80	3067	1323	0.0 - 2.0
D08002	B16C80	3067	1323	4.0 - 6.0
D08101	B16C81	2505	1346	0.0 - 2.0
D08102	B16C81	2505	1346	14.0 - 16.0
D08201	B16C82	3402	1410	0.0 - 2.0
D08202	B16C82	3402	1410	2.0 - 4.0
D08301	B16C83	1330	1135	0.0 - 2.0
D08302	B16C83	1330	1135	4.0 - 6.0
D08401	B16C84	2698	1462	0.0 - 2.0
D08402	B16C84	2698	1462	4.0 - 6.0
D08601	B16C86	1518	2044	6.8 - 8.8
E00502	B16W05S	2901	1596	0.0 - 0.5
E00505	B16W05S	2901	1596	0.5 - 2.5
E00506	B16W05S	2901	1596	14.0 - 16.0
E00509	B16W05S	2901	1596	12.0 - 14.0
E0050A	B16W05S	2901	1596	18.0 - 20.0
E00561	B16W05S	2901	1596	n/a
E00701	B16W07S	3007	1309	0.0 - 0.5
E00702	B16W07S	3007	1309	5.0 - 7.0
E00703	B16W07S	3007	1309	11.0 - 13.0
E00704	B16W07S	3007	1309	15.0 - 17.0
E00705	B16W07S	3007	1309	17.0 - 19.0
E00761	B16W07S	3007	1309	n/a
E00901	B16W09S	2386	1827	0.0 - 0.5
E00902	B16W09S	2386	1827	6.0 - 8.0
E00903	B16W09S	2386	1827	10.0 - 12.0
E00904	B16W09S	2386	1827	8.0 - 10.0
E00905	B16W09S	2386	1827	14.0 - 16.0
E01101	B16W11S	2290	1599	0.0 - 0.5
E01102	B16W11S	2290	1599	7.0 - 9.0
E01103	B16W11S	2290	1599	11.0 - 13.0
E01104	B16W11S	2290	1599	9.0 - 11.0
E01105	B16W11S	2290	1599	14.0 - 16.0
E01161	B16W11S	2290	1599	n/a
E01301	B16W13S	2400	1830	0.0 - 0.5
E01302	B16W13S	2400	1830	8.0 - 10.0
E01303	B16W13S	2400	1830	14.0 - 16.0
E03601	P036	2974	1814	0.0 - 0.5
E03701	P037	3108	1804	0.0 - 0.5
E03801	P038	2946	1736	0.0 - 0.5
E03901	P039	2938	1640	0.0 - 0.5
E04001	P040	2937	1535	0.0 - 0.5
E04101	P041	2960	1479	0.0 - 0.5
E04201	P042	3030	1468	0.0 - 0.5
E04301	P043	3087	1463	0.0 - 0.5
F00801	B16W08S	3232	1269	0.0 - 0.5
F00802	B16W08S	3232	1269	1.5 - 3.5
F00803	B16W08S	3232	1269	13.0 - 15.0
F00804	B16W08S	3232	1269	11.0 - 13.0
F00805	B16W08S	3232	1269	19.0 - 21.0
F00861	B16W08S	3232	1269	n/a
F11901	PF119	3203	1236	0.0 - 0.5

Sample ID	Location ID	Coordinates Easting	Northing	Depth Interval (feet)
F12001	PF120	3195	1169	0.0 - 0.5
F12101	PF121	3190	1124	0.0 - 0.5
F12201	PF122	3187	1075	0.0 - 0.5
F12901	PF129	3340	1198	0.0 - 0.5
H00501	HISS5D	535	1731	0.0 - 0.5
H00502	HISS5D	535	1731	2.0 - 4.0
H00503	HISS5D	535	1731	10.0 - 12.0
H00504	HISS5D	535	1731	0.0 - 0.0
H00505	HISS5D	535	1731	0.0 - 0.0
H01701	HISS17S	308	1837	0.0 - 0.5
H01702	HISS17S	308	1837	2.0 - 4.0
H01703	HISS17S	308	1837	10.0 - 12.0
H01704	HISS17S	308	1837	4.0 - 6.0
H01705	HISS17S	308	1837	6.0 - 8.0
H01706	HISS17D	**308**	**1837**	**14.0 - 16.0**
H01762	HISS17S	308	1837	n/a
H01801	HISS18S	691	2084	0.0 - 0.5
H01802	HISS18S	691	2084	2.0 - 4.0
H01803	HISS18S	691	2084	4.0 - 6.0
H01804	HISS18S	691	2084	10.0 - 12.0
H01805	HISS18S	691	2084	14.0 - 16.0
H01806	HISS18D	**691**	**2084**	**18.0 - 20.0**
H01862	HISS18S	691	2084	n/a
H01901	HISS19S	1115	2028	0.0 - 0.5
H01902	HISS19S	1115	2028	2.0 - 4.0
H01903	HISS19S	1115	2028	5.0 - 7.0
H01904	HISS19S	1115	2028	7.0 - 9.0
H01962	HISS19S	1115	2028	n/a
H02001	HISS20S	429	1269	0.0 - 0.5
H02002	HISS20S	429	1269	2.0 - 4.0
H02003	HISS20S	429	1269	10.0 - 12.0
H02004	HISS20S	429	1269	12.0 - 14.0
H02005	HISS20S	429	1269	25.0 - 27.0
H02062	HISS20S	429	1269	n/a
L01201	B16W12S	2203	1266	0.0 - 0.5
L01202	B16W12S	2203	1266	2.0 - 4.0
L01203	B16W12S	2203	1266	8.0 - 10.0
L01261	B16W12S	2203	1266	n/a
L09401	L094	2348	1159	0.0 - 0.5
L09501	L095	2558	1175	0.0 - 0.5
L09601	L096	2633	1175	0.0 - 0.5
L09701	L097	2511	1155	0.0 - 0.5
L09801	L098	2630	1155	0.0 - 0.5
L09901	L099	2349	1115	0.0 - 0.5
L10001	L100	2410	1082	0.0 - 0.5
L10101	L101	2188	1075	0.0 - 0.5
L10201	L102	2501	1060	0.0 - 0.5
L10301	L103	2576	1063	0.0 - 0.5
M10401	MC104	2176	2177	0.0 - 0.5
M10501	MC105	2172	2123	0.0 - 0.5
M10601	MC106	2418	2046	0.0 - 0.5
M10701	MC107	2357	2012	0.0 - 0.5
M10801	MC108	2418	2046	0.0 - 0.5
M10901	MC109	2885	1916	0.0 - 0.5

Sample ID	Location ID	Coordinates Easting	Northing	Depth Interval (feet)
M11001	MC110	2171	1919	0.0 - 0.5
M11101	MC111	2676	1900	0.0 - 0.5
M11201	MC112	2429	1900	0.0 - 0.5
M11301	MC113	3170	1899	0.0 - 0.5
M11401	MC114	2960	1862	0.0 - 0.5
M11501	MC115	2478	2099	0.0 - 0.5
M11601	MC116	2470	1999	0.0 - 0.5
M11701	MC117	2713	1999	0.0 - 0.5
M11801	MC118	2896	2030	0.0 - 0.5
N04401	NWR044	1327	2483	0.0 - 0.5
N04501	NWR045	1346	2460	0.0 - 0.5
N04601	NWR046	1316	2425	0.0 - 0.5
N04701	NWR047	1369	2412	0.0 - 0.5
N04801	NWR048	1330	2347	0.0 - 0.5
N04901	NWR049	1377	2299	0.0 - 0.5
N05001	NWR050	1310	2298	0.0 - 0.5
N05101	NWR051	1381	2086	0.0 - 0.5
N05201	NWR052	1361	1990	0.0 - 0.5
N05301	NWR053	1370	1843	0.0 - 0.5
N05401	NWR054	1357	1770	0.0 - 0.5
N05501	NWR055	1401	1718	0.0 - 0.5
N05601	NWR056	1403	1597	0.0 - 0.5
N05701	NWR057	1410	1536	0.0 - 0.5
N05801	NWR058	1489	1457	0.0 - 0.5
N05901	NWR059	1408	1329	0.0 - 0.5
N06001	NWR060	1370	1274	0.0 - 0.5
N06101	NWR061	1137	1134	0.0 - 0.5
N06201	NWR062	1438	1104	0.0 - 0.5
N06301	NWR063	1182	1066	0.0 - 0.5
N06401	NWR064	1284	1067	0.0 - 0.5
N06501	NWR065	1448	1035	0.0 - 0.5
N06601	NWR066	1367	960	0.0 - 0.5
N06701	NWR067	1411	933	0.0 - 0.5
N06801	NWR068	1350	889	0.0 - 0.5
N13001	NWR130	1324	2097	0.0 - 0.5
OT0001	B16C73	2615	1818	6.0 - 8.0
OT0002	B16C73	2615	1818	8.0 - 10.0
OT0003	B16W13S	2400	1830	6.0 - 8.0
OT0004	B16C88	-1027	2382	6.0 - 8.0
OT0031	B53C75	1868	1202	3.0 - 5.0
OT0032	B53C75	1868	1202	8.0 - 10.0
OT0033	HISS20S	429	1269	2.0 - 4.0
OT0034	SCH001	4527	7435	0.0 - 0.0
P02601	P026	1474	1967	0.0 - 0.5
P02701	P027	1895	1944	0.0 - 0.5
P02801	P028	1607	1836	0.0 - 0.5
P02901	P029	1662	1792	0.0 - 0.5
P03001	P030	1557	1762	0.0 - 0.5
P03101	P031	1723	1529	0.0 - 0.5
P03201	P032	1648	1507	0.0 - 0.5
P03301	P033	1790	1475	0.0 - 0.5
P03401	P034	1500	1592	0.0 - 0.5
P03501	P035	1600	1500	0.0 - 0.5
P08501	B16C85	1682	1625	8.0 - 10.0

Sample ID	Location ID	Coordinates Easting	Northing	Depth Interval (feet)		
P08502	B16C85	1682	1625	23.0	-	25.0
P08503	B16C85	1682	1625	25.0	-	27.0
P08504	B16C85	1682	1625	27.0	-	29.0
P08505	B16C85	1682	1625	29.0	-	31.0
P08506	B16C85	1682	1625	31.0	-	33.0
P08507	B16C85	1682	1625	33.0	-	35.0
P08508	B16C85	1682	1625	15.0	-	23.0
P08509	B16C85	1682	1625	26.0	-	30.0
Q00601	B16W06S	3269	1621	0.0	-	0.5
Q00602	B16W06S	3269	1621	1.5	-	3.5
Q00603	B16W06S	3269	1621	9.0	-	11.0
Q00604	B16W06S	3269	1621	34.0	-	36.0
Q00605	B16W06S	3269	1621	41.0	-	43.0
Q00606	B16W06S	3269	1621	1.5	-	3.5
Q00661	B16W06S	3269	1621	n/a		
Q08501	CBQ085	3205	1944	0.0	-	0.5
Q08601	CBQ086	3254	1856	0.0	-	0.5
Q08701	CBQ087	3194	1771	0.0	-	0.5
Q08801	CBQ088	3140	1602	0.0	-	0.5
Q08901	CBQ089	3083	1429	0.0	-	0.5
Q09001	CBQ090	3026	1018	0.0	-	0.5
Q09101	CBQ091	3004	981	0.0	-	0.5
Q09301	CBQ093	2995	873	0.0	-	0.5
R00111	S001	3790	1440	0.0	-	0.5
R00211	S002	3805	1360	0.0	-	0.5
R00311	S003	3810	1260	0.0	-	0.5
R00411	S004	3800	1190	0.0	-	0.5
R00511	S005	3690	1170	0.0	-	0.5
R00611	S006	3660	1120	0.0	-	0.5
R00711	S007	3826	1110	0.0	-	0.5
R00811	S008	3670	1095	0.0	-	0.5
R00911	S009	3680	1000	0.0	-	0.5
R01011	S010	3800	1000	0.0	-	0.5
S00101	CS001	3327	2215	0.0	-	0.5
S00201	CS002	3494	2183	0.0	-	0.5
S00301	CS003	3610	2200	0.0	-	0.5
S00401	CS004	3638	2105	0.0	-	0.5
S00501	CS005	3441	2086	0.0	-	0.5
S00601	CS006	3592	2050	0.0	-	0.5
S00701	CS007	3727	2056	0.0	-	0.5
S00801	CS008	3343	1985	0.0	-	0.5
S00901	CS009	3522	1993	0.0	-	0.5
S01001	CS010	3671	2004	0.0	-	0.5
S01101	CS011	3599	1900	0.0	-	0.5
S01201	CS012	3662	1804	0.0	-	0.5
S01301	CS013	3648	1697	0.0	-	0.5
S01401	CS014	3634	1471	0.0	-	0.5
S01501	CS015	3623	1443	0.0	-	0.5
S01601	CS016	3597	1372	0.0	-	0.5
S01701	CS017	3593	1318	0.0	-	0.5
S12301	CS123	3556	1224	0.0	-	0.5
S12401	CS124	3620	1080	0.0	-	0.5
S13101	CS131	3593	1944	0.0	-	0.5
T01001	B16W10S	2061	2178	0.0	-	0.5

Sample ID	Location ID	Coordinates Easting	Northing	Depth Interval (feet)
T01002	B16W10S	2061	2178	5.0 - 7.0
T01003	B16W10S	2061	2178	13.0 - 15.0
T01004	B16W10S	2061	2178	12.0 - 14.0
T01005	B16W10S	2061	2178	14.5 - 16.5
T01061	B16W10S	2061	2178	n/a
T07001	ST070	2059	2356	0.0 - 0.5
T07101	ST071	2091	2236	0.0 - 0.5
T07201	ST072	2174	2240	0.0 - 0.5
T07301	ST073	2080	2139	0.0 - 0.5
T07401	ST074	2080	1964	0.0 - 0.5
T07501	ST075	2079	1887	0.0 - 0.5
T07601	ST076	2058	1739	0.0 - 0.5
T07701	ST077	2047	1467	0.0 - 0.5
T07801	ST078	2065	1395	0.0 - 0.5
T07901	ST079	2069	1202	0.0 - 0.5
T08001	ST080	2041	974	0.0 - 0.5
T08101	ST081	2138	988	0.0 - 0.5
T08201	ST082	2063	923	0.0 - 0.5
T08401	ST084	2058	885	0.0 - 0.5
U00101	V001	752	2899	0.0 - 0.5
U00201	V002	949	2899	0.0 - 0.5
U00301	V003	1152	2900	0.0 - 0.5
U00401	V004	1300	2900	0.0 - 0.5
U00501	V005	4927	4022	0.0 - 0.5
U00601	V006	4848	3951	0.0 - 0.5
U00701	V007	4922	3921	0.0 - 0.5
U00801	V008	4766	3881	0.0 - 0.5
U00901	V009	4868	3874	0.0 - 0.5
U01001	V010	4051	3399	0.0 - 0.5
U01101	V011	4250	3400	0.0 - 0.5
U01201	V012	4400	3399	0.0 - 0.5
U01301	V013	4551	3401	0.0 - 0.5
U01401	V014	4750	3350	0.0 - 0.5
U01501	V015	4850	3350	0.0 - 0.5
U01601	V016	4950	3350	0.0 - 0.5
U01701	V017	5025	3350	0.0 - 0.5
U01801	V018	5100	3350	0.0 - 0.5
U01901	V019	5250	3348	0.0 - 0.5
U02001	V020	5450	3334	0.0 - 0.5
U02101	V021	5550	3329	0.0 - 0.5
U02201	V022	5700	3299	0.0 - 0.5
U02301	V023	5964	3302	0.0 - 0.5
U02401	V024	6300	3280	0.0 - 0.5
U02501	V025	6600	3262	0.0 - 0.5
V01901	AS019	1643	1000	0.0 - 0.5
V02002	AS020	1701	985	0.5 - 3.0
V02102	AS021	2837	977	0.5 - 3.0
V02201	AS022	1698	922	0.0 - 0.5
V02301	AS023	1606	888	0.0 - 0.5
V02401	AS024	1780	875	0.0 - 0.5
V02501	AS025	1702	843	0.0 - 0.5
X00611		3109	1450	n/a
X01511		2905	1617	n/a
X02511		2156	1490	n/a

Sample ID	Location ID	Coordinates Easting	Northing	Depth Interval (feet)
X03311		2499	1555	n/a
X05011		1557	1729	n/a
X05211		1558	1577	n/a
X05511		1487	2137	n/a
X05711		1554	2059	n/a
X06611		1958	1951	n/a
X06711		1965	2020	n/a
X07311		1251	1011	n/a
X10011		2890	1810	n/a
X10111		2790	1830	n/a
X10211		2800	1420	n/a
X10311		2370	1690	n/a
X10411		1550	2130	n/a
X10611		1550	1670	n/a
X10711		1520	1610	n/a
X10811		1520	1590	n/a
X11011		1030	1020	n/a
X11111		1040	1000	n/a
X11211		1040	1470	n/a
X11511		2380	1700	n/a
Y12501	P125	2650	1654	0.0 - 0.5
Y12701	P127	2291	1438	0.0 - 0.5
Y12801	P128	3198	1017	0.0 - 0.5

Note: Usage of an abbreviation in a location identification is different from the use of the same letter in the sample identification.

exceeded the DOE's DCG values or were below background tolerance limits. The average concentrations of Total Uranium, Ra-226, and Th-230 over the past nine years of monitoring that are above the background wells tolerance limit are shown on appropriate figures.

2. DESCRIPTION OF EXTENT OF CONTAMINATION

This section consists of 17 figures with accompanying text. The text discusses specific aspects of each figure in terms of:

- presentation of the relevant figure and tables,
- discussion of the relevant FSP objectives (Table 1-1), and
- summary of the results.

2.1 Downtown Area

Figure 2-1. Areal Extent of Radionuclide Contamination in Soil at St. Louis Downtown Site and Adjacent Vicinity Properties

Figure 2-1 shows the areal extent of radionuclide contamination in the soil at the SLDS and adjacent vicinity properties (McKinley Iron Co.; PVO Foods Inc.; Thomas and Proetz Lumber Co.; Norfolk and Western Railroad; St. Louis Association Railroad; and Chicago, Burlington and Quincy Railroad). At this site, a total of 1,774 soil samples were collected and analyzed for a combination of U-238, Ra-226, Th-230, and Th-232 between 1986 and 1991. The data results are presented in Tables 3-1 through 3-4. The sample results that exceeded DOE guidelines are shown within the shaded area on Figure 2-1. As shown, the radionuclide contamination in the soils extends from North Broadway on the west to the Mississippi River on the east, and from Salisbury Street on the north to just south of Angelrodt Street. The most heavily impacted area is located between Plant 6 and Plant 7W extending west to the Chicago, Burlington, and Quincy Railroad.

This figure addresses the horizontal aspects of Objectives 1, 3, and 5 of the FSP (BNI 1993). A total of 154 soil samples were collected during the 1992 field season and analyzed for radionuclides to refine the horizontal boundaries of the soil contamination at SLDS and the vicinity properties adjacent to SLDS (Objectives 1 and 3). Four locations were not sampled because of obstructions and could not be relocated to within reasonable distances from the planned coordinates. The data results are presented in Tables 3-5 and 3-6. The results indicated that on SLDS, the extent of the contamination was successfully bounded around Plants 1, 2, 5, 6E, and 7S. At the City of St. Louis property, the extent of contamination was found to extend further to the north but did not change appreciably to the west. On the west side of the site along the Norfolk and Western Railroad, the contamination to the north was found to end at the McKinley Bridge intersection and to the south past the Angelrodt Street intersection. On the St. Louis Terminal Railroad, the results showed that the contamination ends just south of Angelrodt Street. Also, on the Chicago, Burlington, and Quincy Railroad, the contamination to the south was found to end near Angelrodt Street. The sampling results also defined the lateral extent of the contamination along the Chicago, Burlington, and Quincy Railroad to be at SLDS Plant 6E.

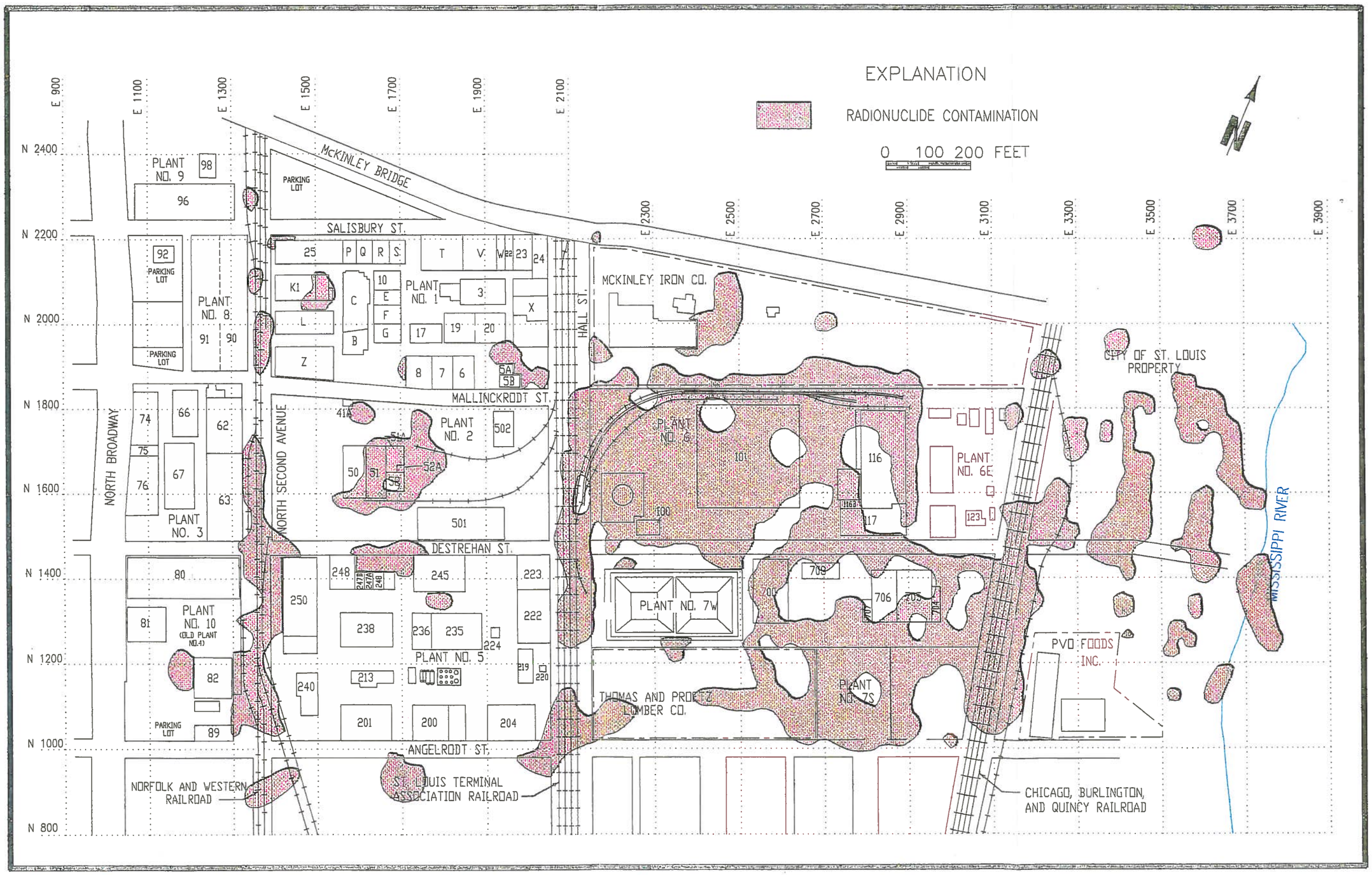


Figure 2-1. Areal Extent of Radionuclide Contamination in Soil at St. Louis Downtown Site and Adjacent Vicinity Properties

At the Thomas and Proetz Lumber Company property, the extent of the contamination was successfully refined with little change to the existing boundary. Finally, at the McKinley Iron Company property, the results show that the contamination extends north to the McKinley Bridge in the central area of the property.

A total of 10 local background soil samples were collected in the vicinity of SLDS (Objective 4) at Hyde Park and analyzed to determine local background concentrations for volatile organic compounds (VOCs), base/neutral and acid extractable (BNAE) organics, and metals. These results allow for data to be evaluated against local background values. The coordinates for these background locations and results of these analyses are presented in Table 3-37.

In addition, 10 sediment samples were collected in the Mississippi River adjacent to SLDS during the 1992 field season to determine the concentrations of radionuclide contaminants (Objective 5). The data results are presented in Table 3-8. High water level conditions in the Mississippi River prevented sampling at depth. Surface sediment samples (0.0-0.5 ft) were analyzed and found to be below DOE guidelines. Historical sampling along the western bank of the Mississippi in an area east of the Mallinckrodt property was done when the water level had receded and samples could be taken along the shoreline. Prior data results, presented in Table 3-7, show that two samples had elevated levels of radionuclides.

Figure 2-2. Vertical Extent of Radionuclide Contamination in Soil at St. Louis Downtown Site and Adjacent Vicinity Properties

Figure 2-2 shows the vertical extent of the soil contamination beneath SLDS and the adjacent vicinity properties from approximately East 900 North 1600 to approximately East 3800 North 1600. The data used for this figure are identical to that shown on Figure 2-1; and are presented in Tables 3-1 through 3-6. The collected samples extend from the surface to a maximum depth of 15 meters (m) (50 feet [ft]). The sample results that exceeded DOE guidelines are shown within the shaded area of the figure. The contamination extends to depths of 7 m (23 ft) beneath Building 52 at Plant 2 and 5.5 m (18 ft) at Plant 6. However, throughout most of the SLDS site, the depth of contamination only extends to a depth of 0.6 m (2 ft).

This figure addresses the vertical aspects of Objectives 1 and 3 of the FSP (BNI 1993). A total of 154 soil samples were collected during the 1992 field season and analyzed for radionuclides to refine the vertical boundaries of the soil contamination at SLDS and the vicinity properties adjacent to SLDS in accordance with these objectives. The results indicate that at the St. Louis Terminal Railroad Association Property, the vertical extent of the contamination is no greater than 0.6 m (2 ft). At the Chicago, Burlington, and Quincy Railroad property, the maximum depth of the contamination was 0.6 m (2 ft) at one sampling location and 0 to 0.3 m (0 to 1 ft) at all other sampled locations. Also, at the Thomas and Proetz Lumber Company, contamination was identified to a depth of 0.3 m (1 ft); and at the McKinley Iron Company property to a depth of 0.6 m (2 ft).

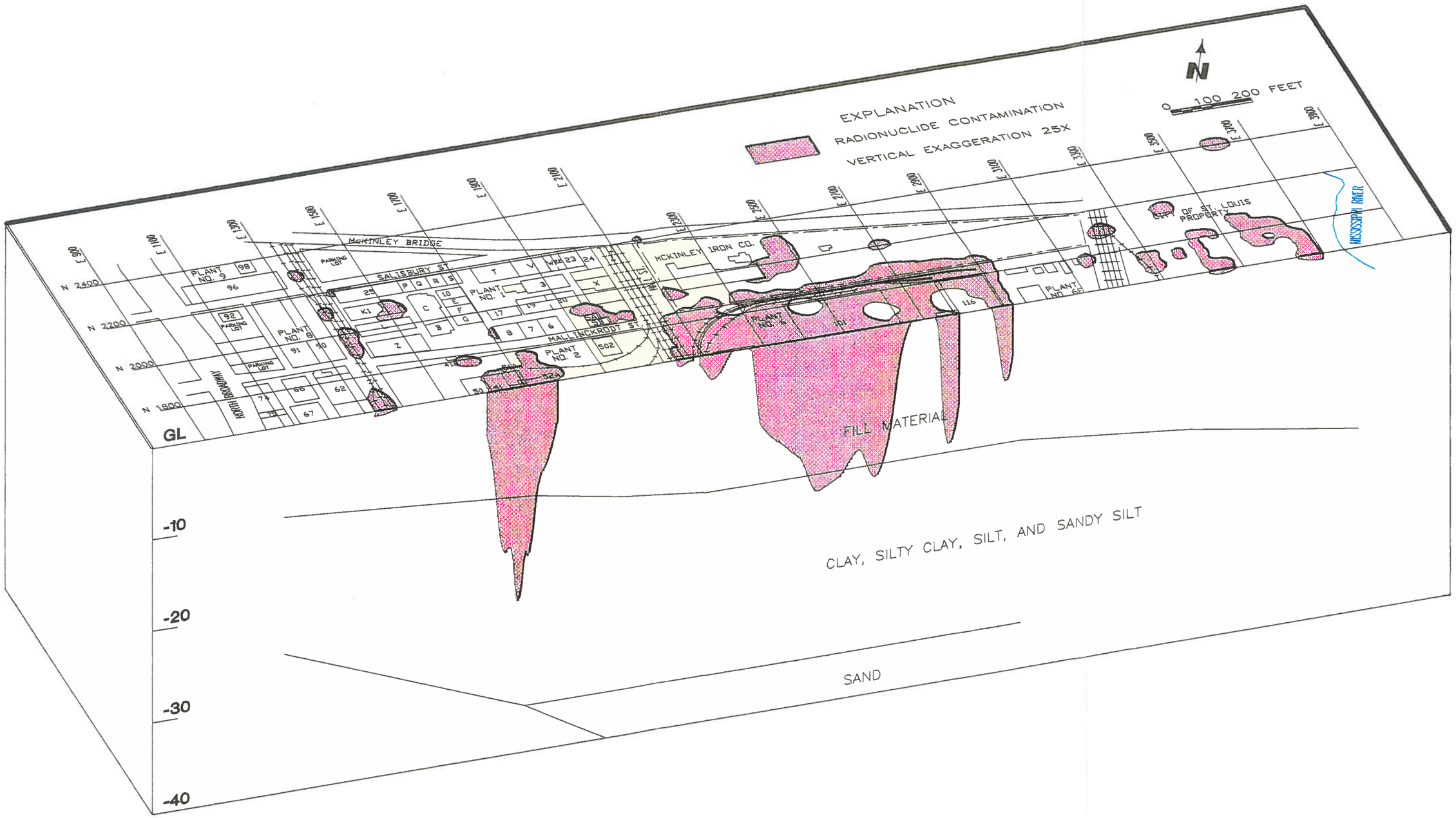


Figure 2-2. Vertical Extent of Radionuclide Contamination in Soil at St. Louis Downtown Site and Adjacent Vicinity Properties

Figure 2-3. Radionuclide Contamination in Manholes/Drains/Process Lines at St. Louis Downtown Site and Adjacent Vicinity Properties

Figure 2-3 shows the location of the 50 manholes at SLDS. In 1989, one sample was collected and analyzed for U-238, Ra-226, Th-230, and Th-232 from within each of the manholes. The characterization data reflect significantly elevated levels of radionuclides in the immediate vicinity of the former Manhattan Engineer District (MED)/Atomic Energy Commission (AEC) processing areas but those levels rapidly drop off with increasing distance from the former sources of contamination, to levels near or below DOE guidelines at the site boundary. Figure 2-3 and Table 3-9 show 27 manhole samples exceeded DOE guidelines.

This figure addresses Objective 2 of the FSP (BNI 1993). Accessible drains, sumps, manholes, and process lines in and around SLDS were proposed to be surveyed for direct alpha, beta-gamma, and removable contamination to determine the presence and extent of the radionuclide contamination. After initial studies of utility drawings for SLDS, review of existing data for the sewer systems, and a walkdown of the facility, some locations were eliminated due to accessibility constraints. Limited accessibility to the drain/process lines prevented specially fabricated detectors from being used. Instead, 23 samples were collected within the drain lines and analyzed for U-238, Ra-226, Th-230, and Th-232. Data were evaluated using the DOE guidelines for radioactive contamination in soil, since a specific guideline for sludge does not exist. The data results indicated that seven drain lines were contaminated as presented in Table 3-10.

During MED/AEC operations from 1942 - 1957, all effluent (process, sanitary, and stormwater) from SLDS was discharged directly to the Mississippi River through a combined sewer system (i.e., stormwater and sanitary waste flow in a common conduit). In the interim, the Metropolitan St. Louis Sewer District (MSD) has made many improvements in the sewage collection and treatment systems. In 1970, the Bissell Point Treatment Plant (located approximately 1 mile north of SLDS) went on line receiving dry weather flow from the sewers. In times of heavy runoff or river stages above 17 feet (flood stage is 30 feet), some or all of the combined flow from the sewers was discharged to the river without treatment. Modifications were performed to ensure all dry weather flow receives treatment at Bissell Point, regardless of river stage.

The contaminated drain lines will be addressed during remedial action. The drain lines typically lie at depths within the zones of contaminated soil and lend themselves to integrated characterization and remedial action. Mallinckrodt is an operating facility. Therefore, characterization immediately followed by remedial action would be the preferred approach to the remediation of these areas since this approach would minimize disruption of plant operations.

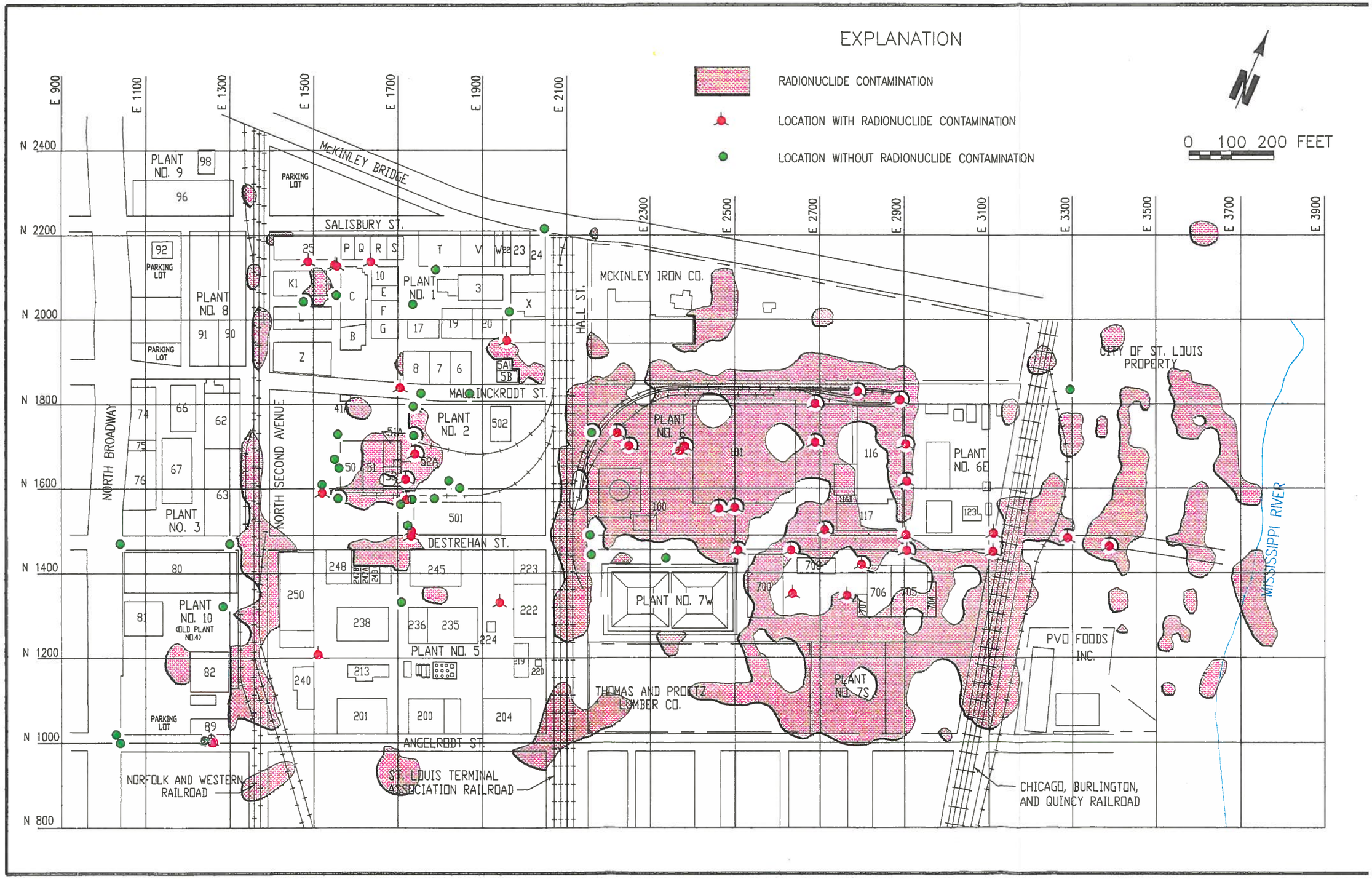


Figure 2-3. Radionuclide Contamination in Manholes/Drains/Process Lines at St. Louis Downtown Site and Adjacent Vicinity Properties

Figure 2-4. Radionuclide Contamination of Groundwater at St. Louis Downtown Site and Adjacent Vicinity Properties

Figure 2-4 shows the groundwater results at SLDS and adjacent vicinity properties (McKinley Iron Co.; PVO Foods Inc.; Thomas and Proetz Lumber Co.; Norfolk and Western Railroad; St. Louis Association Railroad; and Chicago, Burlington, and Quincy Railroad). Groundwater flow is generally toward the Mississippi River to the east of SLDS. Between 1987 and 1989, nine wells were drilled at the site at the locations shown on the figure. In eight of the wells, groundwater samples were collected and analyzed. Due to the potential transport of radionuclides via their adsorption onto mobile, colloidal-sized particles, samples collected for radiological analyses were not filtered. All sample analyses for Ra-226, Th-230, and Th-232 resulted in concentration levels of below 10 pCi/L presented in Table 3-12. Likewise, all sample analyses for Total Uranium were below 10 pCi/L except in Well B16W02S where the result was 162 pCi/L. Figure 2-4 shows that groundwater radionuclide contamination levels identified at SLDS are below DCG guidelines. The results of the two sampling activities (1989 and 1992) for Total Uranium above the background wells tolerance limit for each well are shown on the figure next to the well location identification. The Ra-226 and Th-230 results for all wells were below the background wells tolerance limit. The annual means for each well are presented in Table 3-12.

This figure addresses Objective 7 of the FSP (BNI 1993). A total of eight shallow groundwater wells were installed and sampled during the 1992 field season and analyzed for radionuclides to supplement the characterization of groundwater in this area. Five of these wells were installed immediately adjacent to existing deep wells. The remaining three wells were installed downgradient of Plants 1 and 5 where additional groundwater characterization was obtained. The data results are presented in Table 3-13.

Groundwater samples were also collected and analyzed for VOCs, BNAE organics, and metals. The data results are presented in Table 3-39. Organic contaminants (acetone and bis[2-ethylhexyl]phthalate) were found above detection limits in six wells but are believed not to be related to MED/AEC activities. Additionally, five organic contaminants (1,1-dichloroethane; 1,2-dichloroethene; methylene chloride; 1,2-dichloropropane; and xylenes) were reported as present even though the observed levels were below the detection limits. The occurrence of such organic contaminants in the groundwater is not unexpected considering the industrial setting which surrounds the SLDS area.

Historic groundwater sample results established local background conditions and are presented in Tables 3-12, 3-13, and 3-39. Background well B16W01S was not sampled during the 1992 field season due to surface infiltration. A new well cap on a riser casing was installed on this well to exclude surface water.

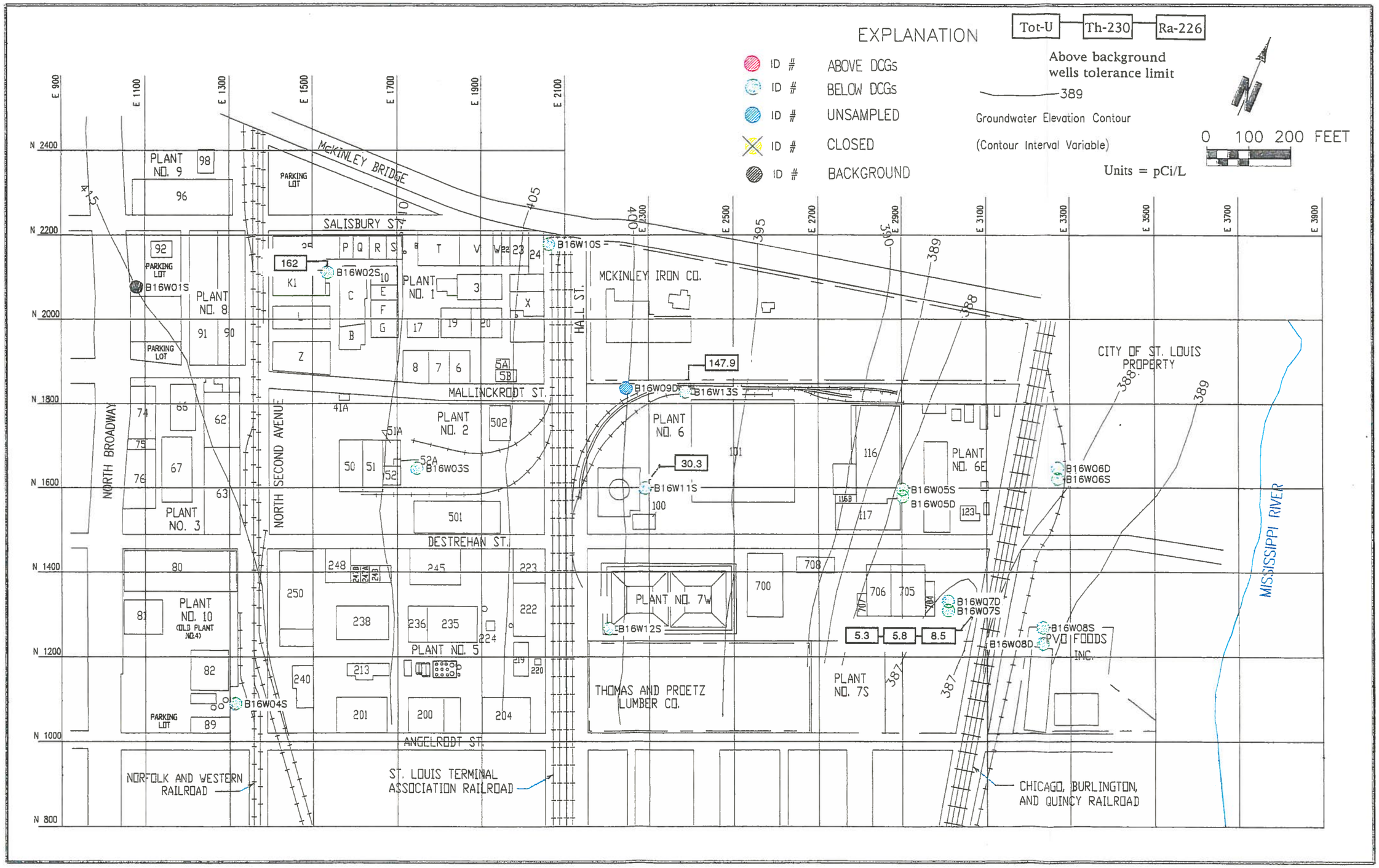


Figure 2-4. Radionuclide Contamination of Groundwater at St. Louis Downtown Site and Adjacent Vicinity Properties

2.2 Airport Area

SLAPS

Figure 2-5. Areal Extent of Radionuclide Contamination in Soil at St. Louis Airport Site and Adjacent Vicinity Properties

Figure 2-5 shows the areal extent of radionuclide contamination in the soil at SLAPS and adjacent vicinity properties (St. Louis Airport Authority Site, ditches north and south of SLAPS, Ball Field Area, and Banshee Road). At this site, a total of 628 samples were collected and analyzed for a combination of U-238, Ra-226, Th-230, and Th-232 between 1986 and 1992. The data results are presented in Tables 3-14 through 3-17. The sample results that exceeded DOE guidelines are shown within the shaded area on the figure. Figure 2-5 shows the radioactive contamination in the soil extends from west of Coldwater Creek, east to Eva Avenue, and from north of Coldwater Creek to just south of Banshee Road. Consistent with the RI Report, soil (i.e., creek bank) samples collected along Coldwater Creek between SLAPS and HISS during the sediment sampling events are reported in Table 3-34 and shown on Figure 2-13. The SLAPS area is the most heavily impacted is located.

This figure addresses Objective 8 of the FSP (BNI 1993). A total of 15 samples were collected at five locations during the 1992 field season and analyzed for radionuclides to refine the horizontal boundaries of the soil contamination at the vicinity properties adjacent to SLAPS (Objective 8). The data results are presented in Tables 3-18 and 3-19. The results enabled refinement of the areal extent of contamination along the southern edge of the Ball Field area and the northern extent of the contamination on the St. Louis Airport Authority access road.

A total of 10 local background soil samples were collected in the vicinity of SLAPS (Objective 4) at Sacred Heart Cemetery and analyzed to determine local background concentrations for VOCs, BNAE organics, and metals. These results allow for data to be calculated against local background values. The coordinates for these background locations and results of these analyses are presented in Table 3-38.

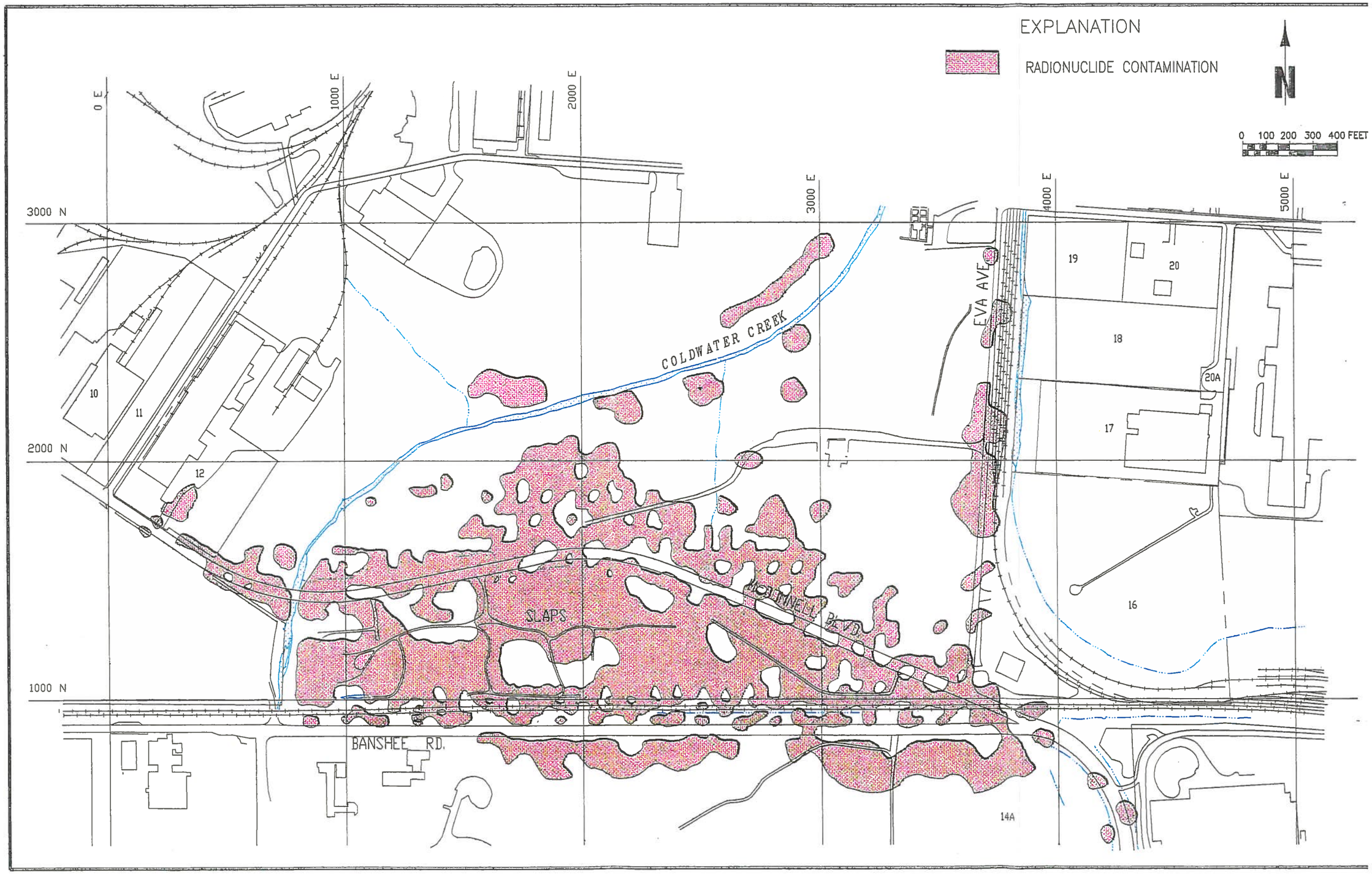


Figure 2-5. Areal Extent of Radionuclide Contamination in Soil at St. Louis Airport Site and Adjacent Vicinity Properties

Figure 2-6. Vertical Extent of Radionuclide Contamination in Soil at St. Louis Airport Site and Adjacent Vicinity Properties

Figure 2-6 shows the vertical extent of the soil contamination beneath SLAPS and the adjacent vicinity properties from approximately East 950 North 1100 to approximately East 5000 North 1100. The data used for this figure are identical to those shown on Figure 2-5 and are presented in Tables 3-14 through 3-19. The sample results that exceeded DOE guidelines are shown within the shaded area of the figure. The contamination extends to a maximum depth of 5.5 m (18 ft) beneath the west end of the SLAPS area and much of the contamination ranges between 2 and 2.5 m (7 and 8 ft) over the central part of the SLAPS area. However, throughout most of the site the depth of contamination only extends to a depth of 0.3 m (1 ft).

This figure addresses the vertical aspects of the extent of contamination at SLAPS and the Ball Field area. A total of 15 samples were collected at five locations during groundwater well drilling for the 1992 field season. The samples were analyzed for radionuclides to refine the vertical boundaries of the soil contamination at the Ball Field area vicinity property adjacent to SLAPS. The results indicated that the soil was only contaminated to a maximum depth of less than 1.2 m (4 ft).

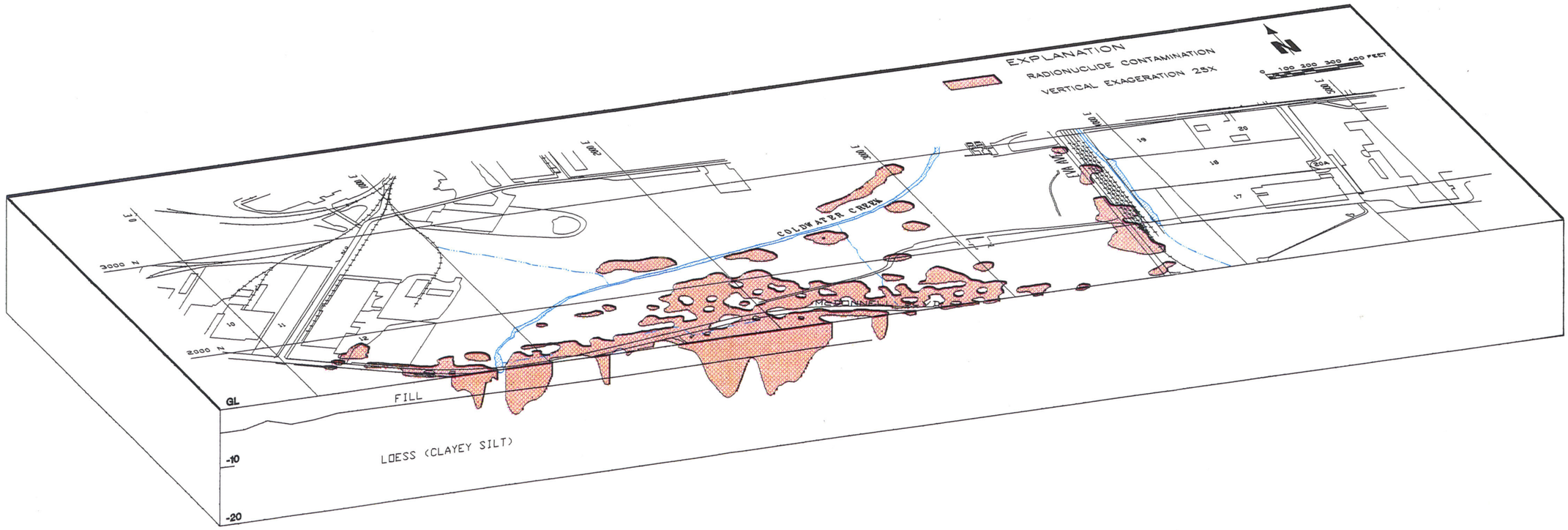


Figure 2-6. Vertical Extent of Radionuclide Contamination **in Soil at St. Louis Airport Site and Adjacent Vicinity Properties**

Figure 2-7. Areal Extent of TCLP Contamination in Soil at St. Louis Airport Site and Adjacent Vicinity Properties

Figure 2-7 shows the areal extent of radionuclide contamination and the one TCLP measurement that exceeded the regulatory threshold at the St. Louis site. A total of 100 soil samples were collected at SLDS, SLAPS, HISS, and the associated vicinity properties and submitted for TCLP total analyses (including both organic and inorganic parameters) during the 1992 field season. At SLDS, the 25 sampling locations (48 samples plus two duplicate samples) were biased toward areas where previous samples had failed the extraction procedure toxicity (EP-TOX) test for metals (lead) as well as to provide spatial coverage of the site. No commingled radiological/chemical waste was identified. Based on data in the characterization report for SLDS (BNI 1990d), no sample result indicated trichloroethene (TCE) present at a level of regulatory concern that would indicate the potential failure of the TCLP analyses. Therefore, no sample locations at SLDS were biased toward areas of previous TCE detection. At SLAPS, the 21 sampling locations (2 samples per location) were selected to provide spatial coverage of the site. These samples were collected at depths ranging from 0 to 16 ft. An additional two samples were collected as duplicates. At HISS/Futura, the five sampling locations (2 samples per location) were selected to provide spatial coverage of the site. The data results are presented in Tables 3-11, 3-20, and 3-29. As discussed below, even though one soil sample is above the TCLP regulatory threshold for a single analyte (shown on the figure as a green triangle on SLAPS), the site qualifies as a nonhazardous site per EPA guidelines. None of the samples taken at SLDS or HISS exceed the TCLP regulatory threshold in commingled areas. One sample (D08202) had a lead level which exceeded the regulatory threshold of 5000 micrograms per liter (μg/L) by 4000 μg/L, but this sample was below the area of radiological contamination and therefore not commingled.

This figure addresses Objective 6, and the commingled radiological/chemical aspects at SLAPS, of the FSP (BNI 1993). The intent of the objective was to bound the characterization of the waste in order to identify the potential for TCLP-characterized (i.e., mixed waste) soil during remediation. Of the 100 soil samples that were collected and analyzed using the TCLP test to determine the presence of mixed waste, only one measurement in a commingled area at a location at SLAPS (location B53C72, sample A07201) was found to exceed the TCLP regulatory threshold for one analyte (selenium). That is, this sample had a selenium level which exceeded the regulatory threshold of 1000 μg/L by 180 μg/L. EPA Test Methods for Evaluating Solid Waste (EPA 1986) states that although sampling of an area generates a mean concentration range and standard deviation for a given contaminant, it is not the variation of individual sample concentrations that is of ultimate concern, but rather the variation that characterizes the mean itself. Based on normal distribution and an 80 percent confidence interval, the selenium sampling results upper limit for the 80 percent confidence interval at SLAPS is less than the regulatory threshold. Thus, based on EPA analysis protocols, the selenium at SLAPS is not considered to be present in the waste at a hazardous level.

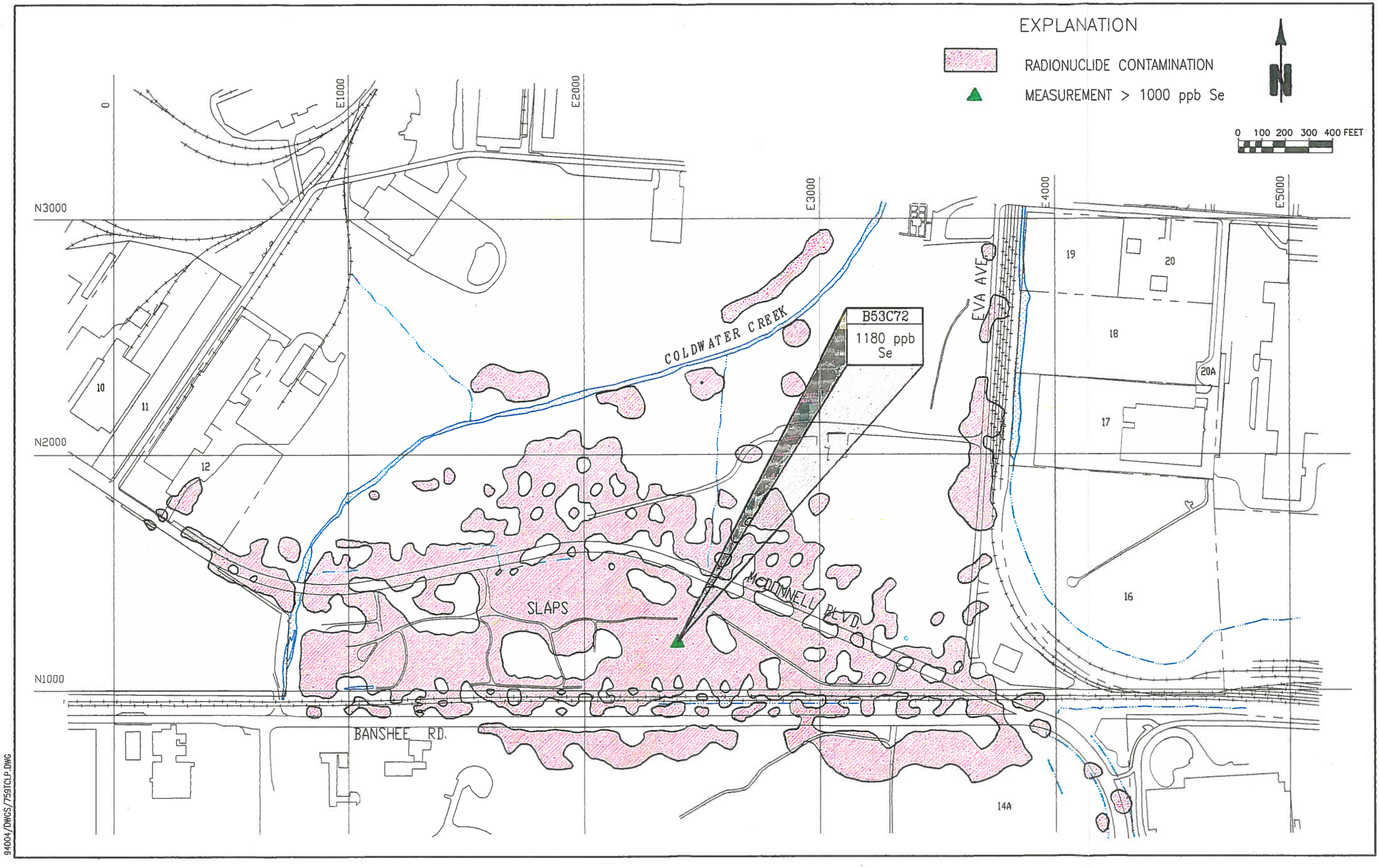


Figure 2-7. Areal Extent of TCLP Contamination in Soil at St. Louis Airport Site and Adjacent Vicinity Properties

Figure 2-8. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties

Figure 2-8 shows the areal extent of the groundwater radionuclide contamination above DOE guidelines at SLAPS and adjacent vicinity properties (St. Louis Airport Authority Site, ditches north and south of SLAPS, Ball Field Area, and Banshee Road). Groundwater flow is generally toward Coldwater Creek to the northwest of SLAPS. Between 1981 and 1988, 43 wells (6 wells designated A through F in 1981, 10 wells designated with an "M" in 1986, and 27 wells designated with a "B" from 1987 and 1988) were installed at the site with the locations shown on the figure. In 23 of the wells, groundwater samples were collected and analyzed. Due to the potential transport of radionuclides via their adsorption onto mobile, colloidal-sized particles, samples collected for radiological analyses were not filtered. The results identified the highest concentration levels of Total Uranium that exceeded the DCG guidelines in four wells: M11-9 (4807 pCi/L), Well A (2435 pCi/L), Well B (6570 pCi/L), and Well D (802 pCi/L) as presented in Table 3-21. All sample analyses for Th-230 were found to be below 52 pCi/L. For Ra-226, results were all below background wells tolerance limit at concentration levels below 2 pCi/L. In addition, when analyzed, concentration levels of Th-232 were below 0.2 pCi/L. The average of the annual means for Total Uranium and Th-230 above the background wells tolerance limit for each well are shown on the figure next to the well location identification. The annual means for each well are presented in Table 3-21 and shown on additional figures following Table 3-21.

This figure addresses Objective 7 of the FSP (BNI 1993). A total of four shallow and one deep groundwater well were installed around the perimeter of the SLAPS facility during the 1992 field season and analyzed for radionuclides to supplement the groundwater characterization in this area. The data results are presented in Table 3-22. The results confirmed that the groundwater contamination above the DCG guidelines is restricted to the west side of SLAPS around well M11-9, Well A, Well B, and Well D.

Groundwater samples were also collected and analyzed for VOCs, BNAE organics, and metals. The data results are presented in Table 3-40. Organic contaminants (trichloroethene, acetone, and 1,1,1-trichloroethane) were found above detection limits in four wells, but are believed not to be related to MED/AEC activities. Additionally, two organic contaminants (bis[2-ethylhexyl]phthalate and 1,2-dichloroethene) were reported as present even though the observed levels were below the detection limits. The occurrence of such organic contaminants in groundwater is not unexpected considering the industrial setting which surrounds the SLAPS area.

A groundwater sample was also collected to establish local background conditions at well B53W20S. The data, along with historic data from B53W01S and B53W010, are presented in Tables 3-21, 3-22, and 3-40.

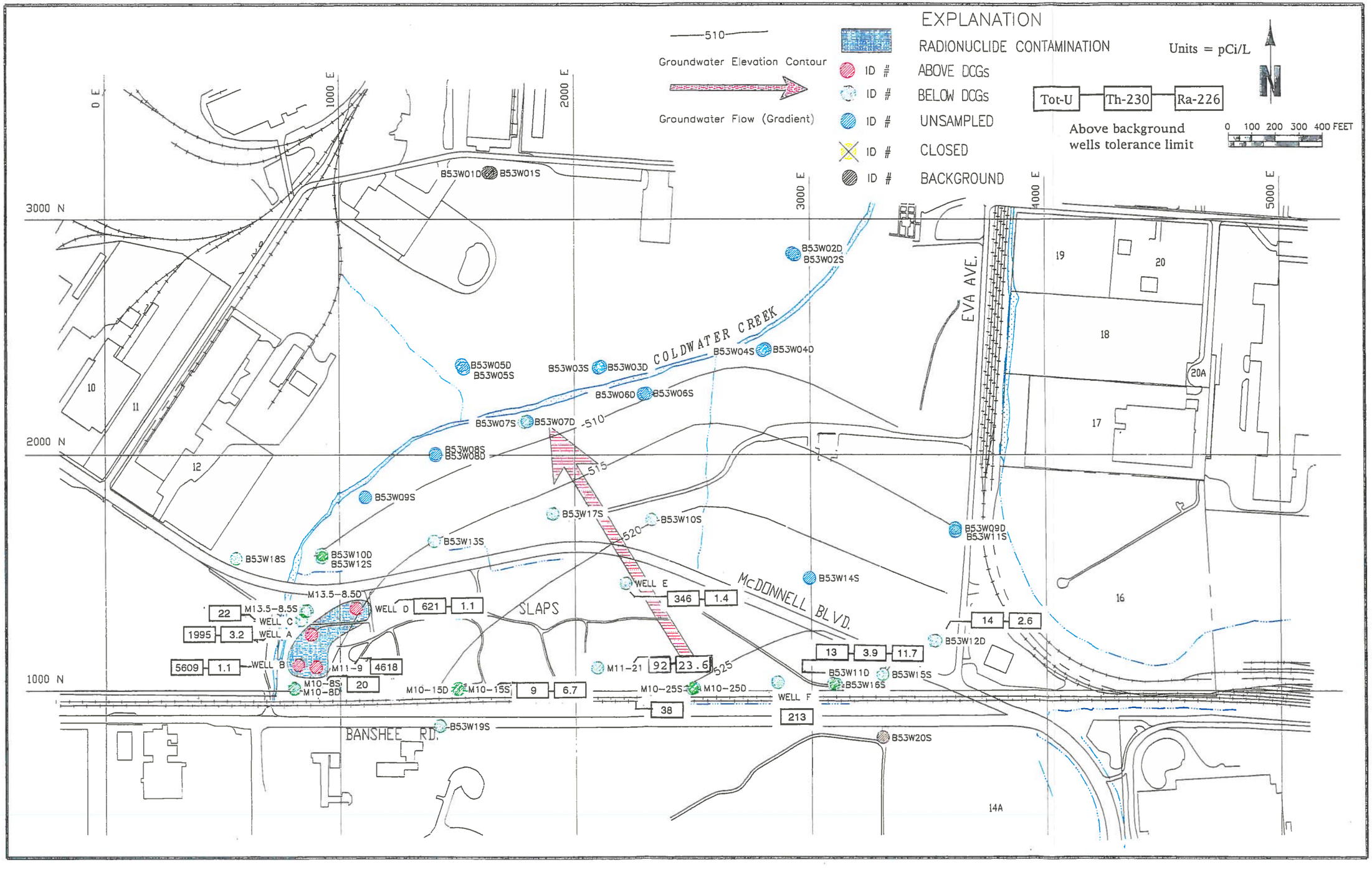


Figure 2-8. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties

HISS/FUTURA

The HISS/Futura figures (2-9, 2-10, and 2-11) use the HISS grid system as shown on each figure. Some historical data have been previously reported on the SLAPS grid system. The coordinates for the historical data have been converted to the HISS grid system for tabulation and plotting on Figures 2-9, 2-10, and 2-11. Data provided in Tables 3-23 through 3-31 are all reported using the HISS grid system.

Figure 2-9. Areal Extent of Radionuclide Contamination in Soil at HISS/Futura Site and Adjacent Vicinity Properties

Figure 2-9 shows the areal extent of radionuclide contamination in the soil at HISS and adjacent vicinity properties (Futura, Latty Avenue 1 through 5, and Seeger 6). At this site, a total of 2,580 samples were collected and analyzed for a combination of U-238, Ra-226, Th-230, and Th-232 between 1986 and 1992. The data results are presented in Tables 3-23 through 3-26. The sample results that exceeded DOE guidelines are shown within the shaded area on the figure. As shown, the radionuclide contamination extends from the Latty 5 property on the east to the Norfolk and Western Railroad lines just west of Coldwater Creek and from the northern end of Latty 1 to southeast of Seeger 6. The area most heavily impacted trends from northwest of the HISS/Futura properties, through those properties, and continues to the south along the Norfolk and Western Railroad.

This figure addresses the horizontal aspects of the extent of contamination at HISS/Futura. A total of 16 samples including one duplicate were collected during the 1992 field season and analyzed for radionuclides to refine the horizontal boundaries of the soil contamination at HISS. The data results are shown on Tables 3-27 and 3-28. The results indicated that the soil is contaminated from the Futura Coatings property west to the Norfolk and Western Railroad. The sampling results also indicated that the contamination extends west from HISS to the fence line that separates the HISS and Futura properties.

Figure 2-9. Areal Extent of Radionuclide Contamination in Soil at HISS-Futura and Adjacent Vicinity Properties

Figure 2-10. Vertical Extent of Radionuclide Contamination in Soil at HISS/Futura Site and Adjacent Vicinity Properties

Figure 2-10 shows the vertical extent of the soil contamination beneath HISS/Futura and the adjacent vicinity properties. The data used for this figure are identical to that shown in Figure 2-9 and are presented in Tables 3-23 through 3-28. The sample results that exceeded DOE guidelines are shown within the shaded area of the figure. As shown, the contamination extends to a maximum depth of 4.5 m (15 ft) beneath the HISS/Futura area. However, throughout most of the HISS/Futura site, the depth of contamination only extends to a depth of 0.9 m (3 ft). On the HISS/Futura adjacent vicinity properties, most of the contamination is confined to a depth of 0.3 m (1 ft). However, in isolated areas along Latty Avenue, the contamination extends down to a maximum depth of 2.5 m (8 ft).

This figure addresses the horizontal aspects of Objective 8 of the FSP (BNI 1993). A total of 16 samples, including one duplicate, were collected at five sampling locations during the 1992 field season and analyzed for radionuclides to refine the vertical boundaries of the soil contamination at HISS in accordance with the objective. The results indicate that at one of the sampling locations (HISS20S), the depth of contamination is greater than 1.2 m (4 ft) and less than 3 m (10 ft). At another of the sampling locations (HISS5D), the contamination extended to a depth of 4 m (12 ft). At all other locations, the contamination was restricted to the top 0.0- to 0.3-m (0- to 1-ft) interval.

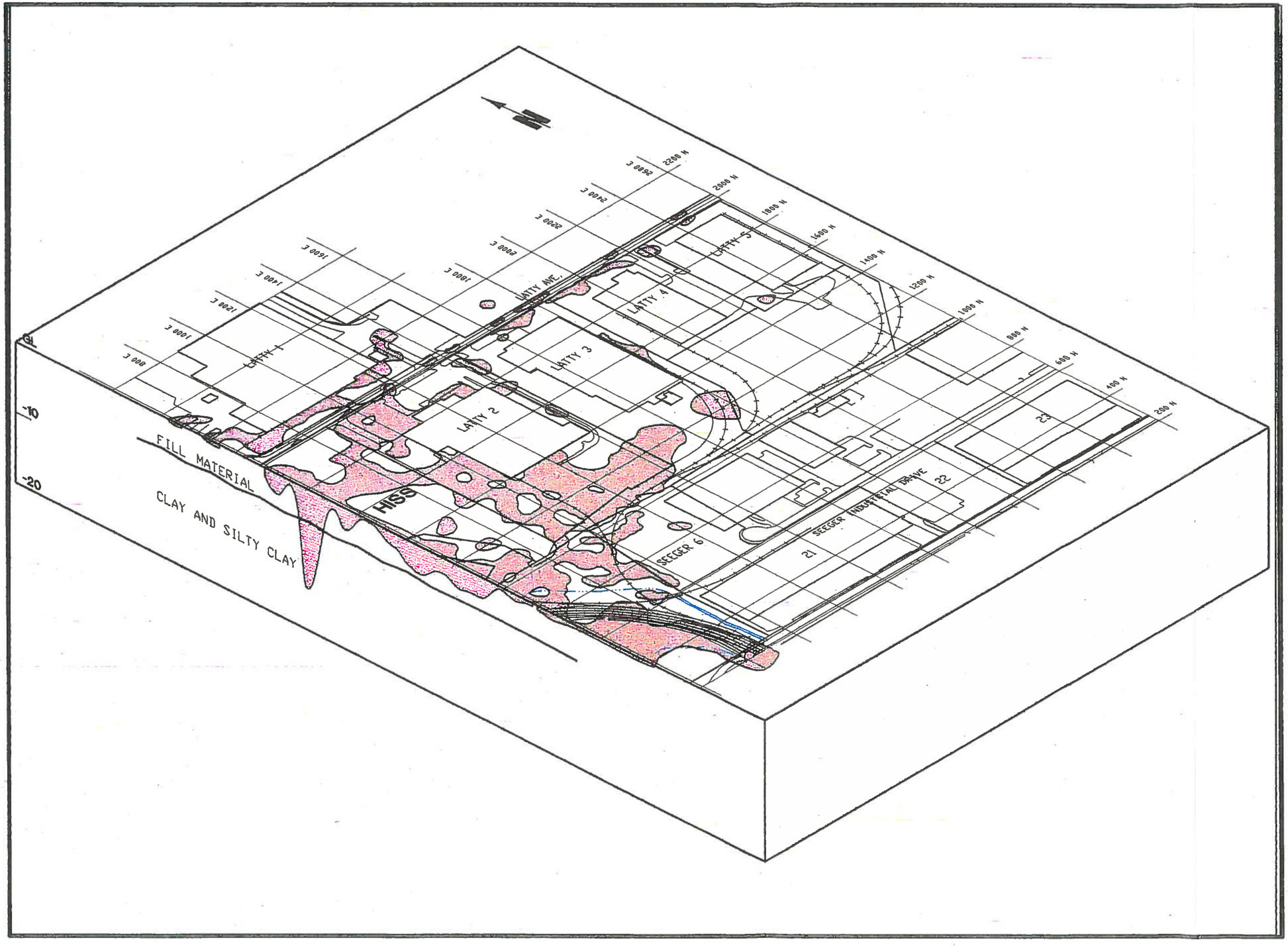


Figure 2-10. Vertical Extent of Radionuclide Contamination in Soil at HISS-Futura Site and Adjacent Vicinity Properties

Figure 2-11. Radionuclide Contamination of Groundwater at HISS/Futura Site and Adjacent Vicinity Properties

Figure 2-11 shows the groundwater results at HISS and adjacent vicinity properties (Futura, Latty Avenue 1 through 5, and Seeger 6). Groundwater flow is generally observed moving in a radial pattern away from HISS. Between 1982 and 1989, 16 wells were drilled at the site with the locations shown on the figure. In all 16 of the wells, groundwater samples were collected and analyzed. Due to the potential transport of radionuclides via their adsorption onto mobile, colloidal-sized particles, samples collected for radiological analyses were not filtered. All sample analyses for Th-230 were found to be below 107 pCi/L with all but three concentrations below 10 pCi/L as presented in Table 3-30. For Ra-226, results were all below concentration levels of 4 pCi/L. Likewise, for Total Uranium the concentration levels were low with a maximum value of approximately 80-82 pCi/L found in wells HISS-5 and HISS-6. Figure 2-11 shows that groundwater radionuclide contamination levels at the HISS/Futura properties are below DOE guidelines. The average of the annual means for Total Uranium, Ra-226, and Th-230 above the background wells tolerance limit for each well are shown on the figure next to the well identification. The annual means for each well are presented in Table 3-30 and shown on additional figures following Table 3-30.

This figure addresses Objective 7 of the FSP (BNI 1993). A total of four shallow groundwater wells were installed and sampled around the perimeter of the HISS facility during the 1992 field season and analyzed for radionuclides to supplement the characterization of the shallow groundwater aquifer. Additionally, one deep well (HISS-5D) was installed and sampled near the center of the soil contamination zone to clarify the absence of deep groundwater contamination at the site. The data results are presented in Table 3-31. The results confirmed that groundwater radionuclide contamination is below the DOE guidelines at this site in the shallow or deep aquifer. Additionally, in 1992, two wells were closed: HISS-3 and HISS-4.

Groundwater samples were also collected and analyzed for VOCs, BNAE organics, and metals. The data results are presented in Table 3-41. Well HISS-5 was not sampled for chemical analysis because the radiological analyses confirmed no deep groundwater radiological contamination at the site. No organic contaminants were found above detection limits in the wells at HISS. Two organic contaminants (bis[2-ethylhexyl]phthalate and 1,2-dichloroethene) were reported as present even though the observed levels were below the detection limits, but are not believed to be related to MED/AEC activities. The occurrence of such organic contaminants in groundwater is not unexpected considering the industrial setting which surrounds the HISS area.

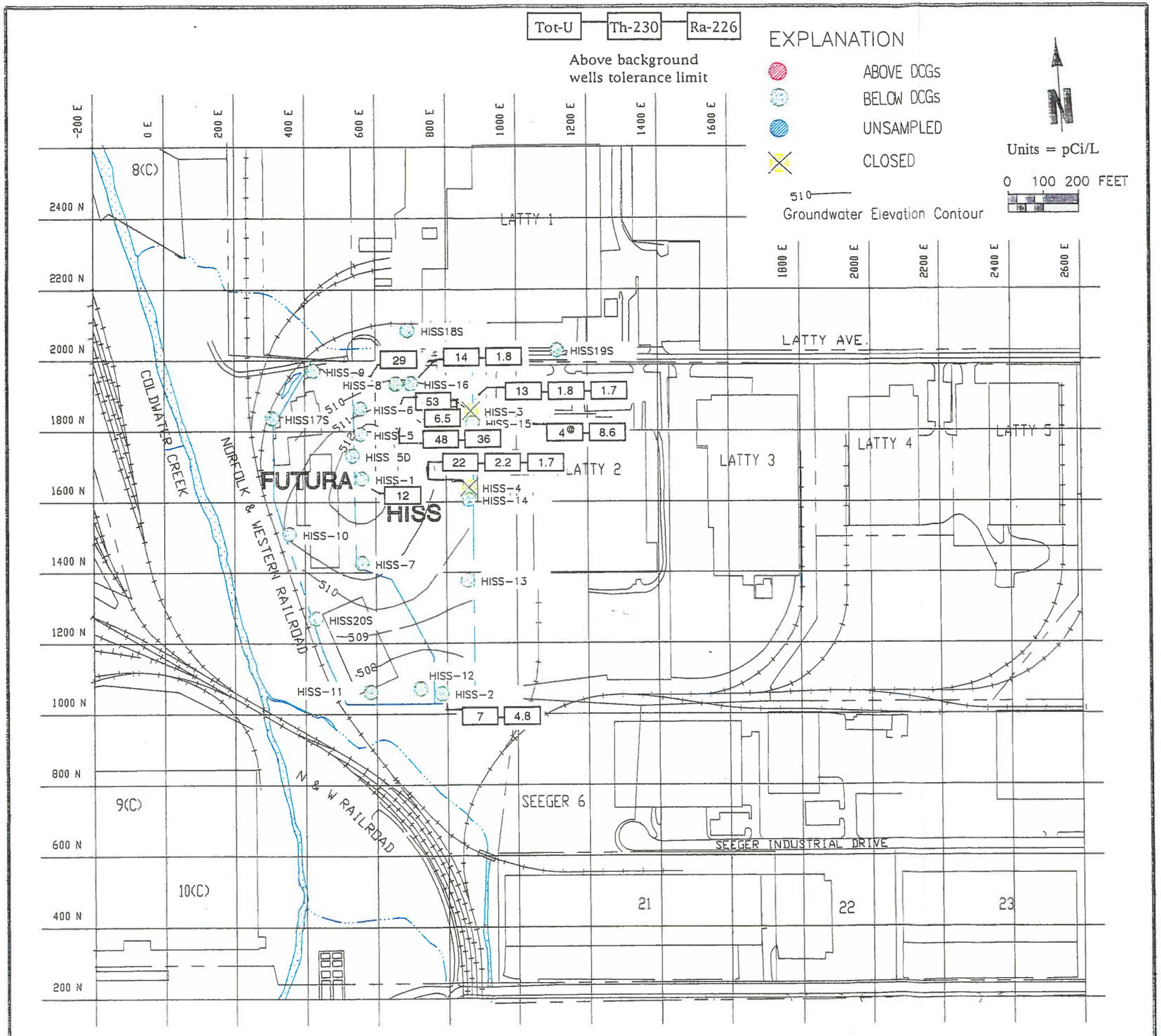


Figure 2.11 Radionuclide Contamination of Groundwater at Hiss/Futura and Adjacent Vicinity Properties

SLAPS VICINITY PROPERTIES

The SLAPS vicinity properties are shown on Figure 2-12, using the SLAPS grid system. Some historical data have been previously reported on the HISS grid system. The coordinates for the historical data have been converted to the SLAPS grid system for consistent presentation purposes. Historical data have been tabulated (Tables 3-32 and 3-33) also using the SLAPS grid system.

Figure 2-12. Areal Extent of Radionuclide Contamination in Soil at St. Louis Airport Site Vicinity Properties, Haul Roads, and Railroads

Figure 2-12 shows the areal extent of radionuclide contamination at the St. Louis vicinity properties, which are comprised primarily of haul roads (Pershall Road, Banshee Road, McDonnell Boulevard, Hazelwood Avenue); Haul Road Properties 35, 38, and 63; and railroads adjacent to Hazelwood Avenue, Latty Avenue, Eva Avenue, and Hanley Avenue. A total of 6,132 samples were collected at these vicinity properties and analyzed for a combination of U-238, Ra-226, Th-230, and Th-232 between 1986 and 1992. Additional sampling was conducted in 1990 at 23 properties along the Haul Roads, Coldwater Creek, and Norfolk and Western Railroad property. The data results are presented in Tables 3-32 and 3-33. The samples were collected at depths of 0 to 29 ft. The sample results that exceeded DOE guidelines are shown within the shaded area on the figure. As shown, the radionuclide contamination extends from Pershall Road on the north to Banshee Road and McDonnell Boulevard on the south, and from Hazelwood Avenue on the east to Coldwater Creek and the western extreme of McDonnell Boulevard on the west. The vicinity property contamination is primarily collinear with haul roads and railroads. The largest continuous area of contamination is north of SLAPS in the Ball Field area.

This figure and Figure 2-9 address the horizontal aspects of Objective 8 of the FSP (BNI 1993). A total of 25 samples were collected during the 1992 field season and analyzed for radionuclides to refine the horizontal and vertical boundaries of the soil contamination along the haul roads. The analytical results are presented in Table 3-18. The results of the sampling along the railroads south of Latty Avenue indicated that the sampling locations have radionuclide concentrations below DOE guidelines and successfully defined the northern and southern extent of contamination south of the Latty 3 building. In addition, the sampling results along the south shoulder of Seeger Industrial Drive confirmed that there was no radionuclide contamination along that route.

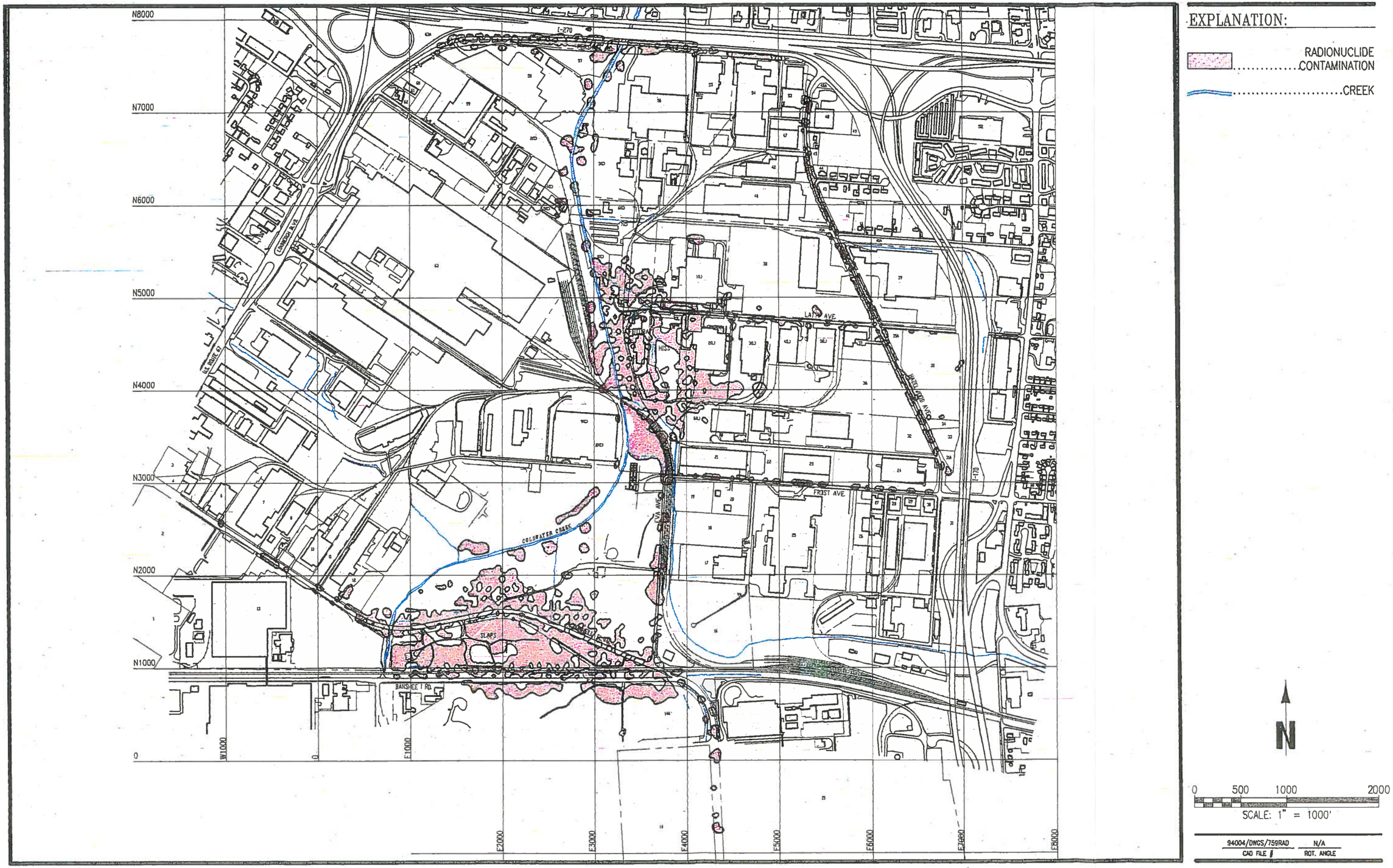


Figure 2-12. Areal Extent of Radionuclide Contamination in Soil at St. Louis Airport Site Vicinity Properties, Haul Roads, and Railroads

COLDWATER CREEK

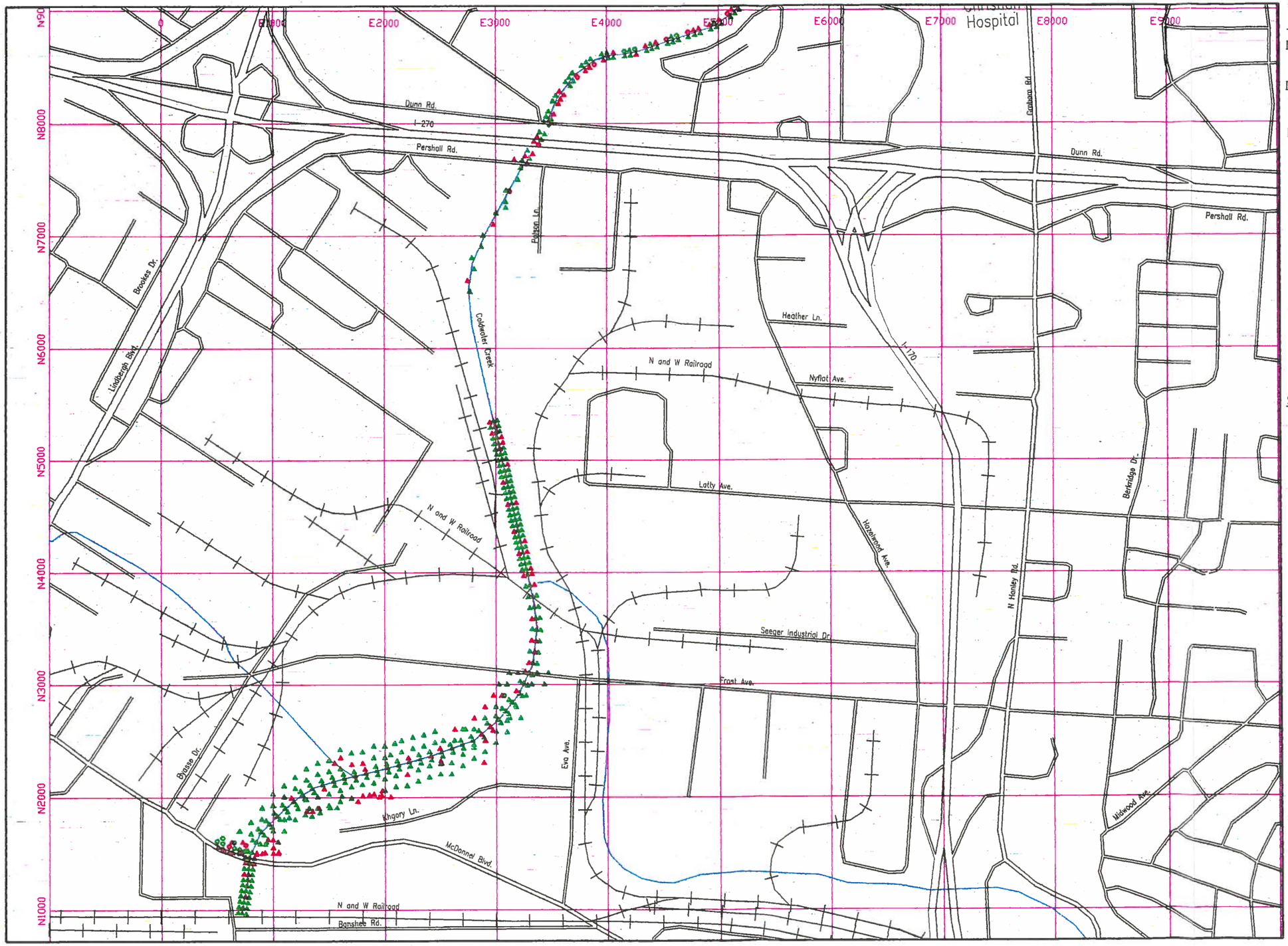
Figure 2-13. Radiological Contamination in Sediment along Coldwater Creek

Figure 2-13 shows the extent of radionuclide contamination in the sediment along Coldwater Creek from SLAPS to the Missouri River. Between 1986 and 1991, a total of 939 sediment samples were collected from the center of the creek and at the water's edge on both sides of the creek. In 1986 and 1987, the samples were collected over a 2.6 kilometers (km) (1.6 miles [mi]) distance between SLAPS and Pershall Road (Section A). In 1989, sample collection continued downstream between Pershall Road and Bruce Drive which is a reach of 2.4 km (1.5 mi) (Section B). A second survey in 1989 extended the sampling an additional 7.7 km (4.8 mi) to Old Halls Ferry Road (Section C). In 1990, the sampling continued downstream over a 9.0 km (5.6 mi) distance between Old Halls Ferry Road and the mouth of the creek at the Missouri River (Section D). Sampling intervals varied from 15 to 150 m (50 to 500 ft) during the surveys as shown on the figure. Samples were collected to a depth of 15 cm (0.5 ft) along Section A and 0.9 to 1.2 m (3 to 4 ft) along Section B. Also, along Sections C and D, the samples were collected to a depth of 0.9 m (3 ft); but only the 0.0- to 15-cm (0.0- to 0.5-ft) interval were analyzed at that time with the remainder of the samples being archived. As discussed below, further analysis of the archived samples was performed to refine the understanding of the vertical contamination.

The sediment samples were analyzed for U-238, Ra-226, Th-230, and Th-232. The sample results that exceeded DOE guidelines are shown on the figure for the 0.0 to 15 cm (0.0 to 0.5 ft) depth interval and for depths greater than 15 centimeters (cm) (0.5 ft). The individual sample results for each analyte are presented in Table 3-34. For Figure 2-13, background values for soil have been subtracted from the results presented in the table. As shown, the radionuclide contamination in the sediment occurs in selected reaches from SLAPS to the Missouri River.

In addition, this figure and Table 3-35 present the results of the additional sediment samples that were analyzed during 1992. For Figure 2-13, background values have also been subtracted from the sediment results presented in this table. As described in the "Letter Report on the Scope For the Sampling of Existing Coldwater Creek Sediment Cores" (SAIC 1992), an additional 23 sediment samples were retrieved from archive storage and analyzed to determine if radiological contaminants exist at depths below 15 cm (0.5 ft) in depositional areas along Coldwater Creek Sections C and D. The locations of these samples are shown on the figure with a sample identification number next to the symbol. All analyzed samples were retrieved from the 0.3 to 0.6 m (1 to 2 ft) depth interval core. The results indicate that the sediment does not exceed DOE guidelines except at two locations (CWC0118RC and CWC0298). Given the dynamic nature of the creek and consistent with the methodology of the observational approach, a final determination of contamination occurring below the currently identified depth of contamination will be made during remedial action once the source term has been removed.

Table 3-36 presents the results of four sediment samples taken from Coldwater Creek between SLAPS and HISS in 1988 and analyzed for chemical results.



EXPLANATION: SYMBOL

I. Surface Sediment (0–0.5')
- Contaminated ▲
- Uncontaminated ▲

II. Subsurface Sediment (>0.5')
- Contaminated ●
- Uncontaminated ●

Recent Sample ID CWC0110RC

Note: Subsurface Symbol Used When Contamination Is Present Both In Surface and Subsurface

FEATURES:
- Creek & Tributaries
- Roads
- Rail Road Tracks

DATA COLLECTION ACTIVITIES:

SECTION	LOCATION	COLLECTION DATE
A	BETWEEN SLAPS AND HISS	1986
B2	McDONNELL BLVD. BRIDGE TO PERSHALL RD.	1987
B	PERSHALL ROAD TO BRUCE DRIVE	1989
C	BRUCE DRIVE TO OLD HALLS FERRY RD.	1989
D	OLD HALLS FERRY RD. TO MISSOURI RIVER	1990

N

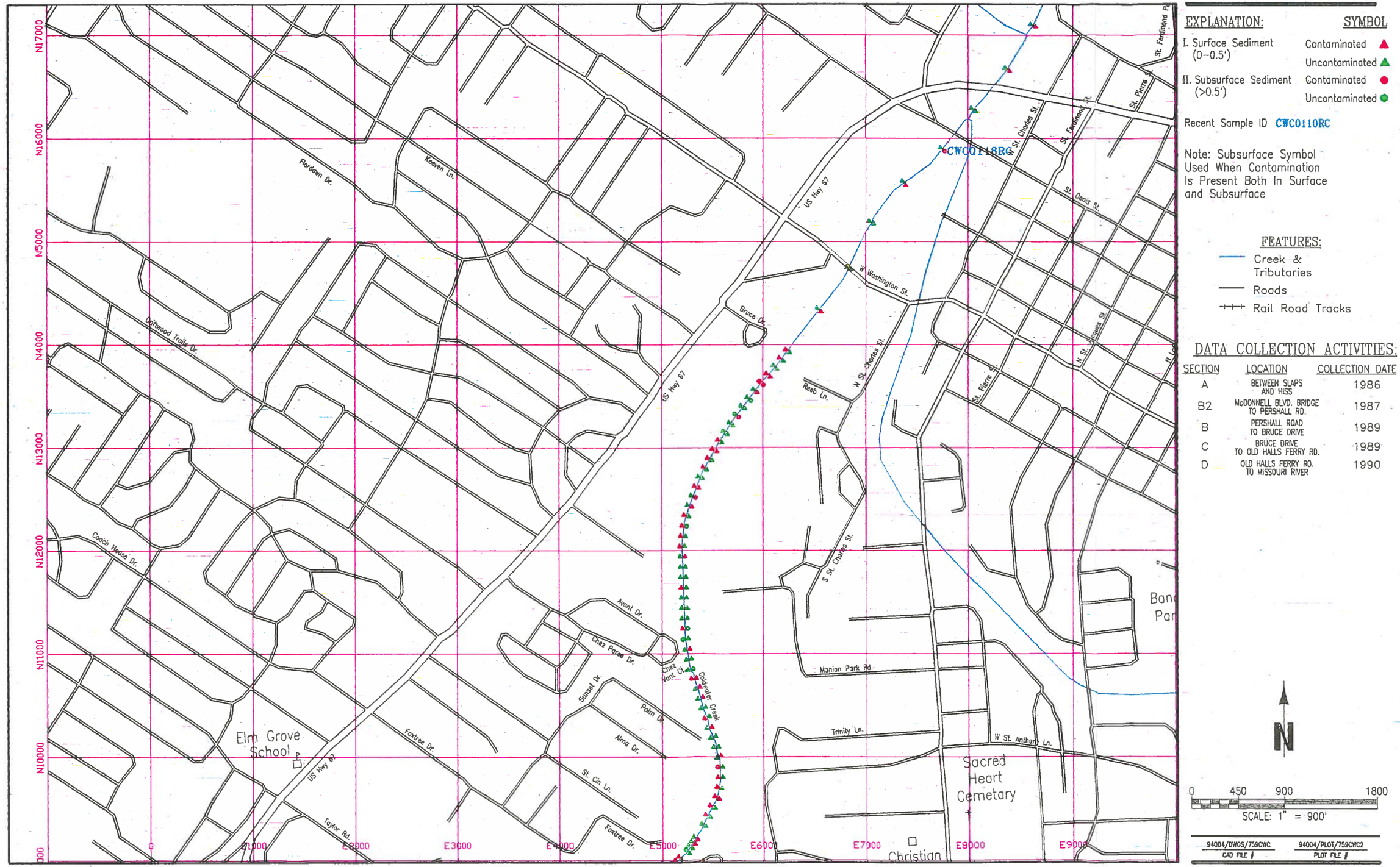
0 450 900 1800

SCALE: 1" = 900'

94004/DWGS/759CWC CAD FILE #

94004/PLOT/759CWC1 PLOT FILE #

Figure 2-13(1). Radionuclide Contamination in Sediment Along Coldwater Creek Map 1 of 5



EXPLANATION:

	SYMBOL
I. Surface Sediment (0–0.5')	Contaminated ▲
	Uncontaminated ▲
II. Subsurface Sediment (>0.5')	Contaminated ●
	Uncontaminated ●

Recent Sample ID CWC0110RC

Note: Subsurface Symbol Used When Contamination Is Present Both In Surface and Subsurface

FEATURES:

- Creek & Tributaries
- Roads
- Rail Road Tracks

DATA COLLECTION ACTIVITIES:

SECTION	LOCATION	COLLECTION DATE
A	BETWEEN SLAPS AND HISS	1986
B2	McDONNELL BLVD. BRIDGE TO PERSHALL RD.	1987
B	PERSHALL ROAD TO BRUCE DRIVE	1989
C	BRUCE DRIVE TO OLD HALLS FERRY RD.	1989
D	OLD HALLS FERRY RD. TO MISSOURI RIVER	1990

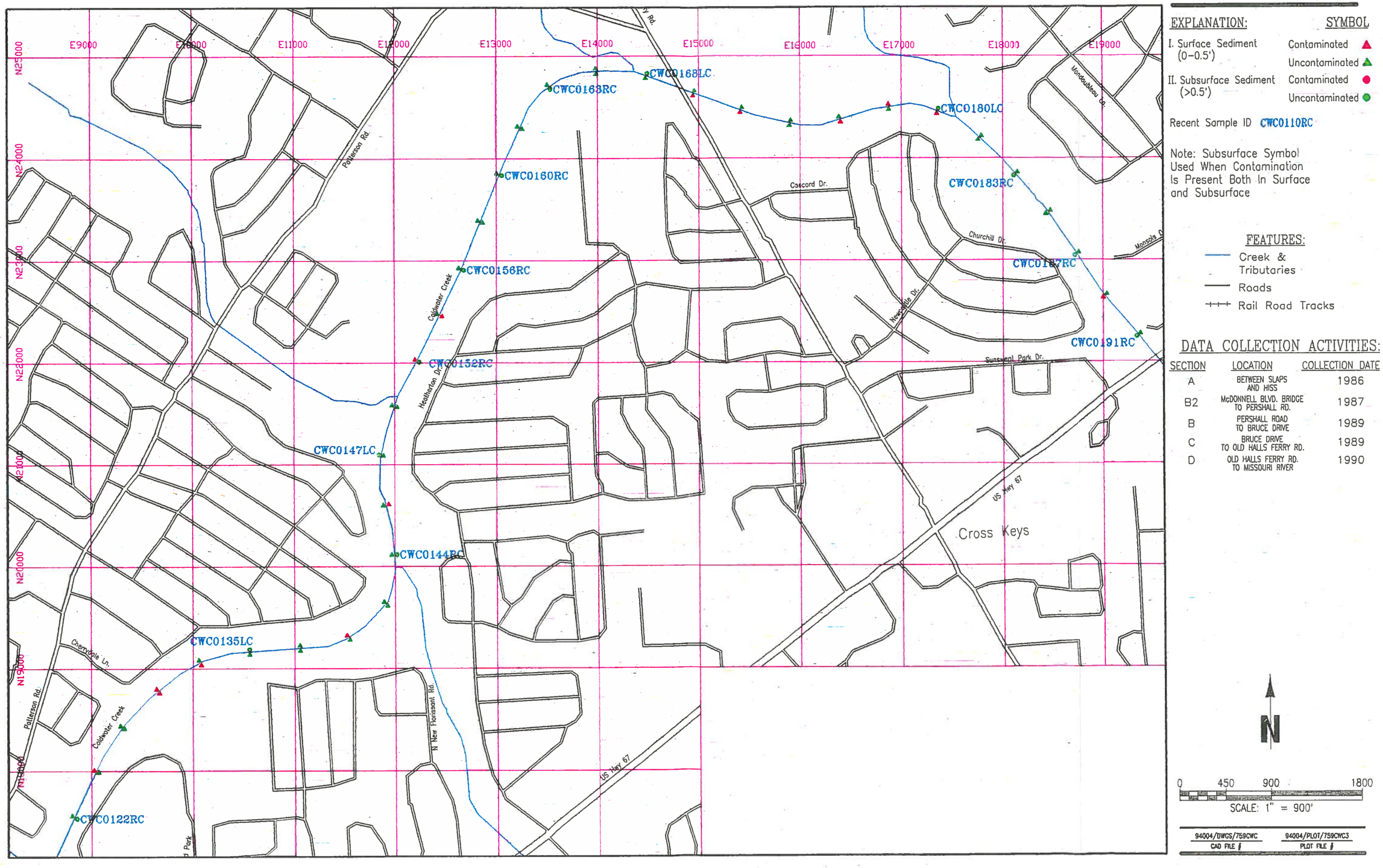
N

0 450 900 1800

SCALE: 1" = 900'

94004/DWGS/759CWC CAD FILE | 94004/PLOT/759CWC2 PLOT FILE

Figure 2–13(2). Radionuclide Contamination in Sediment Along Coldwater Creek Map 2 of 5



EXPLANATION: SYMBOL

I. Surface Sediment (0–0.5')
- Contaminated ▲
- Uncontaminated △

II. Subsurface Sediment (>0.5')
- Contaminated ●
- Uncontaminated ○

Recent Sample ID CWC0110RC

Note: Subsurface Symbol Used When Contamination Is Present Both In Surface and Subsurface

FEATURES:
- Creek & Tributaries
- Roads
- Rail Road Tracks

DATA COLLECTION ACTIVITIES:

SECTION	LOCATION	COLLECTION DATE
A	BETWEEN SLAPS AND HISS	1986
B2	McDONNELL BLVD. BRIDGE TO PERSHALL RD.	1987
B	PERSHALL ROAD TO BRUCE DRIVE	1989
C	BRUCE DRIVE TO OLD HALLS FERRY RD.	1989
D	OLD HALLS FERRY RD. TO MISSOURI RIVER	1990

N

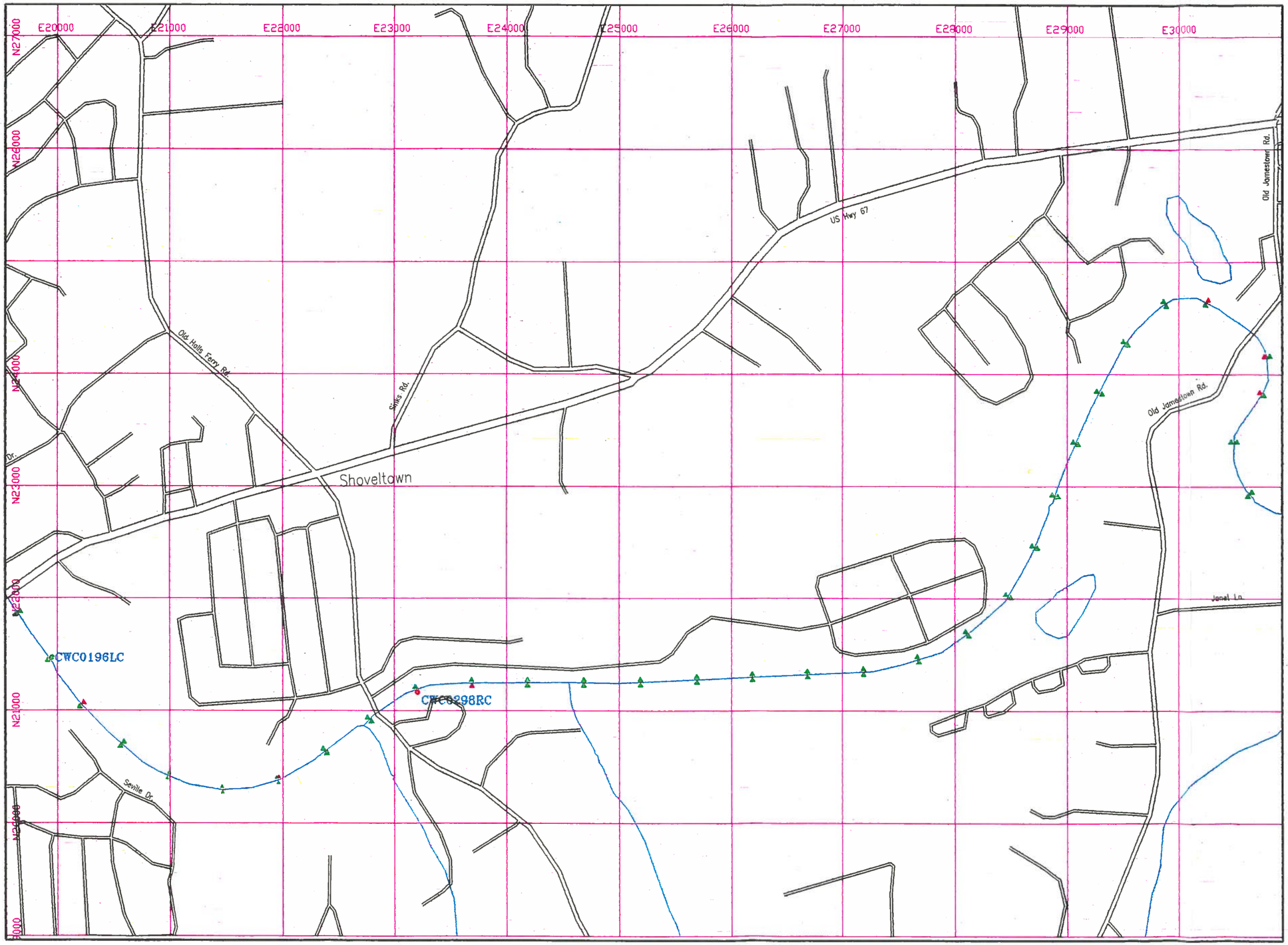
0 450 900 1800

SCALE: 1" = 900'

94004/DWGS/759CWC CAD FILE #

94004/PLOT/759CWC3 PLOT FILE #

Figure 2–13(3). Radionuclide Contamination in Sediment Along Coldwater Creek Map 3 of 5



EXPLANATION:

SYMBOL

I. Surface Sediment (0–0.5')
- Contaminated ▲
- Uncontaminated ▲

II. Subsurface Sediment (>0.5')
- Contaminated ●
- Uncontaminated ●

Recent Sample ID CWC0110RC

Note: Subsurface Symbol Used When Contamination Is Present Both In Surface and Subsurface

FEATURES:
- Creek & Tributaries
- Roads
- Rail Road Tracks

DATA COLLECTION ACTIVITIES:

SECTION	LOCATION	COLLECTION DATE
A	BETWEEN SLAPS AND HISS	1986
B2	McDONNELL BLVD. BRIDGE TO PERSHALL RD.	1987
B	PERSHALL ROAD TO BRUCE DRIVE	1989
C	BRUCE DRIVE TO OLD HALLS FERRY RD.	1989
D	OLD HALLS FERRY RD. TO MISSOURI RIVER	1990

N

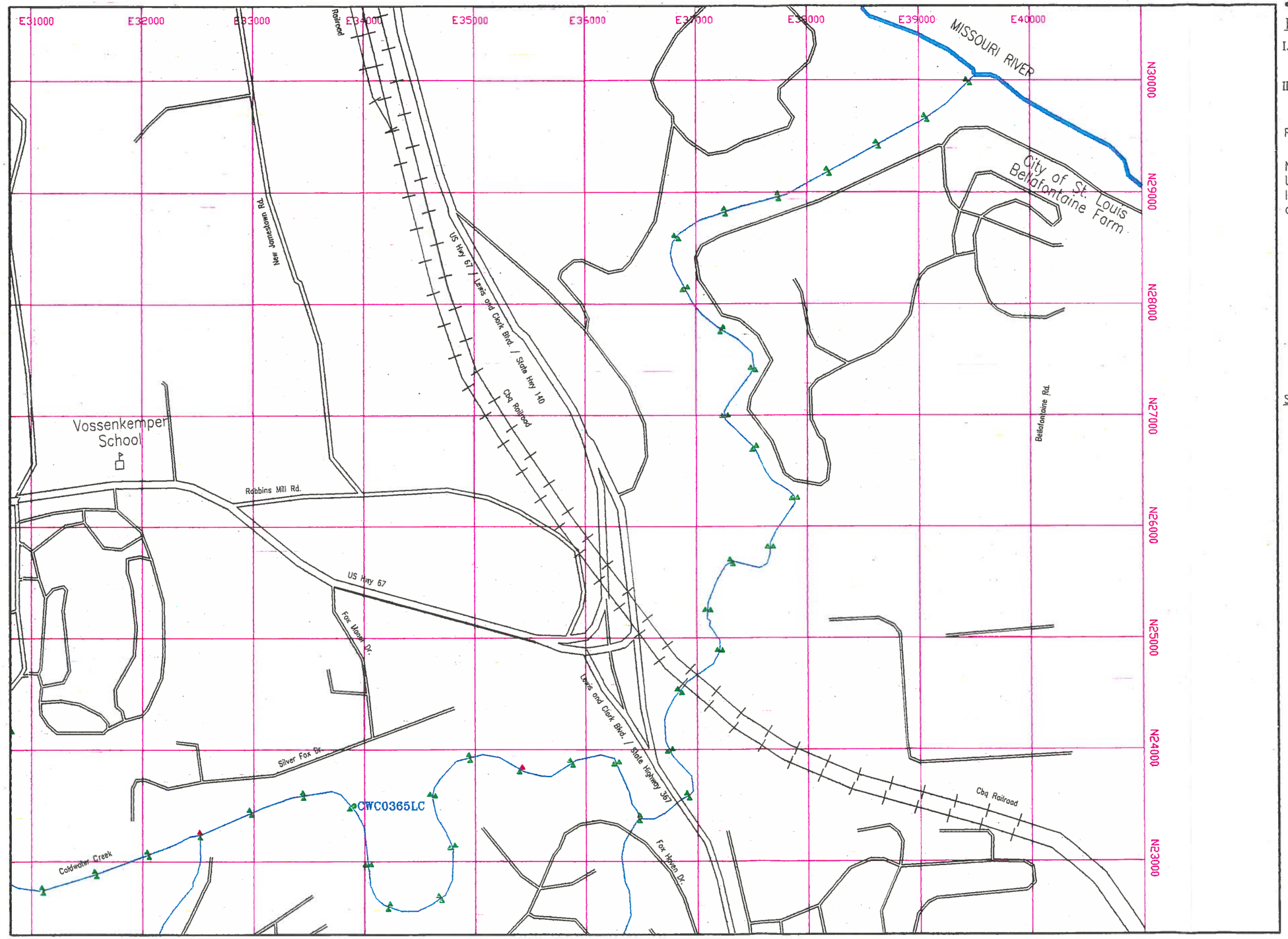
0 450 900 1800

SCALE: 1" = 900'

94004/DWGS/759CWC CAD FILE #

94004/PLOT/759CWC4 PLOT FILE #

Figure 2–13(4). Radionuclide Contamination in Sediment Along Coldwater Creek Map 4 of 5



EXPLANATION:

SYMBOL

I. Surface Sediment (0–0.5')
- Contaminated
- Uncontaminated

II. Subsurface Sediment (>0.5')
- Contaminated
- Uncontaminated

Recent Sample ID CWC0110RC

Note: Subsurface Symbol Used When Contamination Is Present Both In Surface and Subsurface

FEATURES:
- Creek & Tributaries
- Roads
- Rail Road Tracks

DATA COLLECTION ACTIVITIES:

SECTION	LOCATION	COLLECTION DATE
A	BETWEEN SLAPS AND HISS	1986
B2	McDONNELL BLVD. BRIDGE TO PERSHALL RD.	1987
B	PERSHALL ROAD TO BRUCE DRIVE	1989
C	BRUCE DRIVE TO OLD HALLS FERRY RD.	1989
D	OLD HALLS FERRY RD. TO MISSOURI RIVER	1990

N

0 450 900 1800

SCALE: 1" = 900'

94004/DWGS/759CWC CAD FILE #

94004/PLOT/759CWC5 PLOT FILE #

Figure 2-13(5). Radionuclide Contamination in Sediment Along Coldwater Creek Map 5 of 5

SPECIAL STUDIES

Figures 2-14, 2-15, and 2-16. Survey Scan Locations for Futura Coatings Buildings

Figures 2-14 through 2-16 show the survey scan locations for the Futura Coatings buildings. As stated in Objective 9 of the FSP (BNI 1993), surveys and measurements were conducted at the Futura property to refine determinations of exposure rates to workers within the buildings. Limited alpha and beta-gamma surveys for the presence of fixed and removable radionuclides on the interior walls of the building, along with radon concentrations and exposure measurements, were conducted in each of the three buildings in areas that were readily accessible to individuals working in the buildings.

The data results are presented in Table 3-44. The MDAs for alpha and beta-gamma for fixed contamination were 26 and 494 disintegrations per minute per 100 square centimeters (dpm/100 cm^2), respectively. The MDAs for alpha and beta-gamma for removable contamination were 2 and 64 dpm/100 cm^2, respectively. The DOE guidelines for allowable total residual surface contamination (DOE 1990) gives an average fixed alpha contamination of 1,000 dpm/100 cm^2 and an average fixed beta-gamma contamination of 5,000 dpm/100 cm^2. The DOE guideline for removable alpha contamination is 200 dpm/100 cm^2 and for removable beta-gamma contamination is 1,000 dpm/100 cm^2. Therefore, building survey results are all below the DOE guidelines.

All results for the three buildings were below the DOE Order 5400.5 air immersion DCG limits for radon of 3 pCi/L for the public.

The maximum pressurized ionization chamber (PIC) exposure measurement was 12.7 microroentgen per hour (μR/hr). Assuming this represents an absorbed dose of a worker over one year (2,080 hrs) and using a quality factor of unity, the resultant annual dose equivalent would be 26 millirem per year (mrem/yr). This is below the DOE primary standard of 100 mrem effective dose equivalent to members of the public in a year.

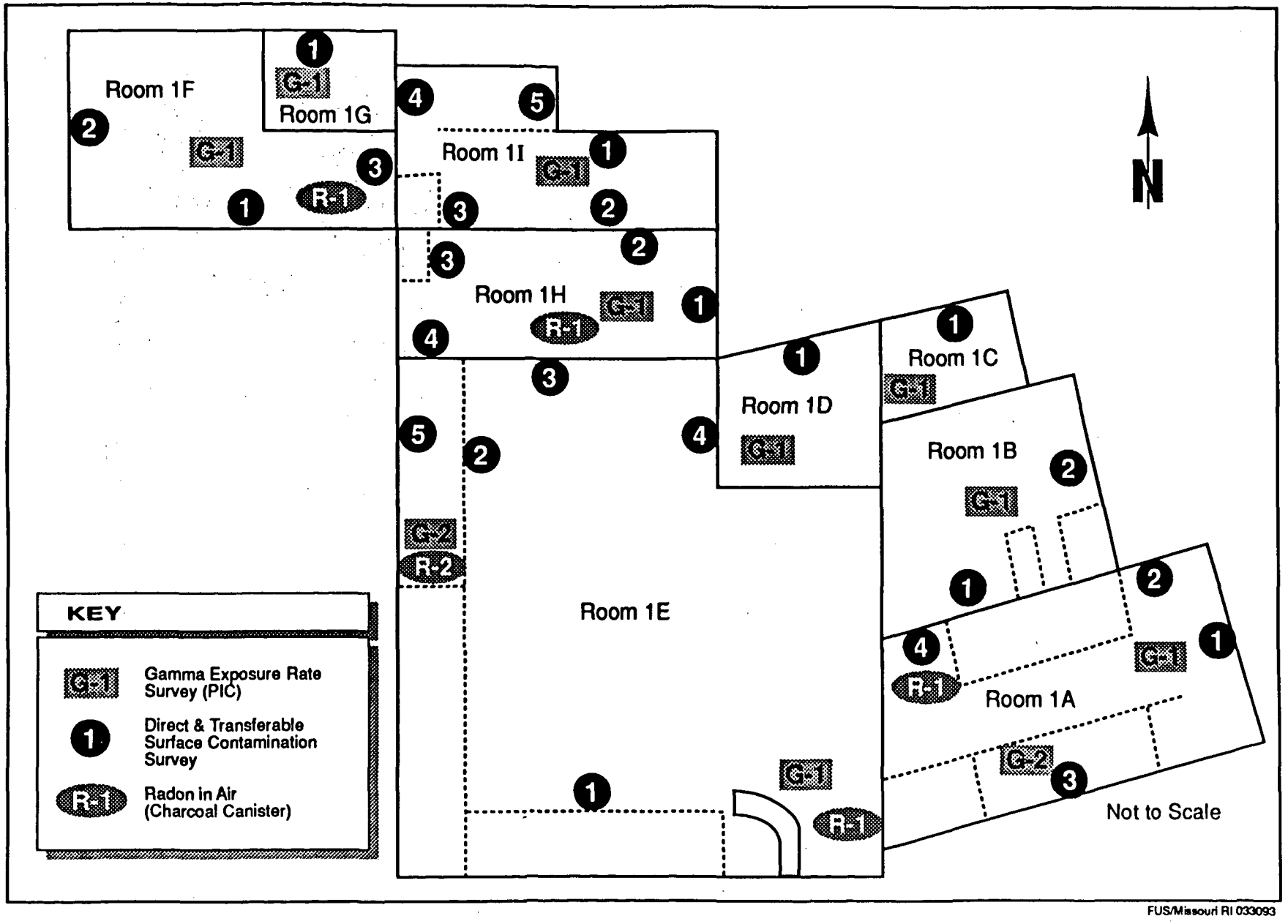


Figure 2-14. Survey Locations for Futura Coatings Building No. 1

PREDECISIONAL DRAFT - DO NOT CITE

PREDECISIONAL DRAFT - DO NOT CITE

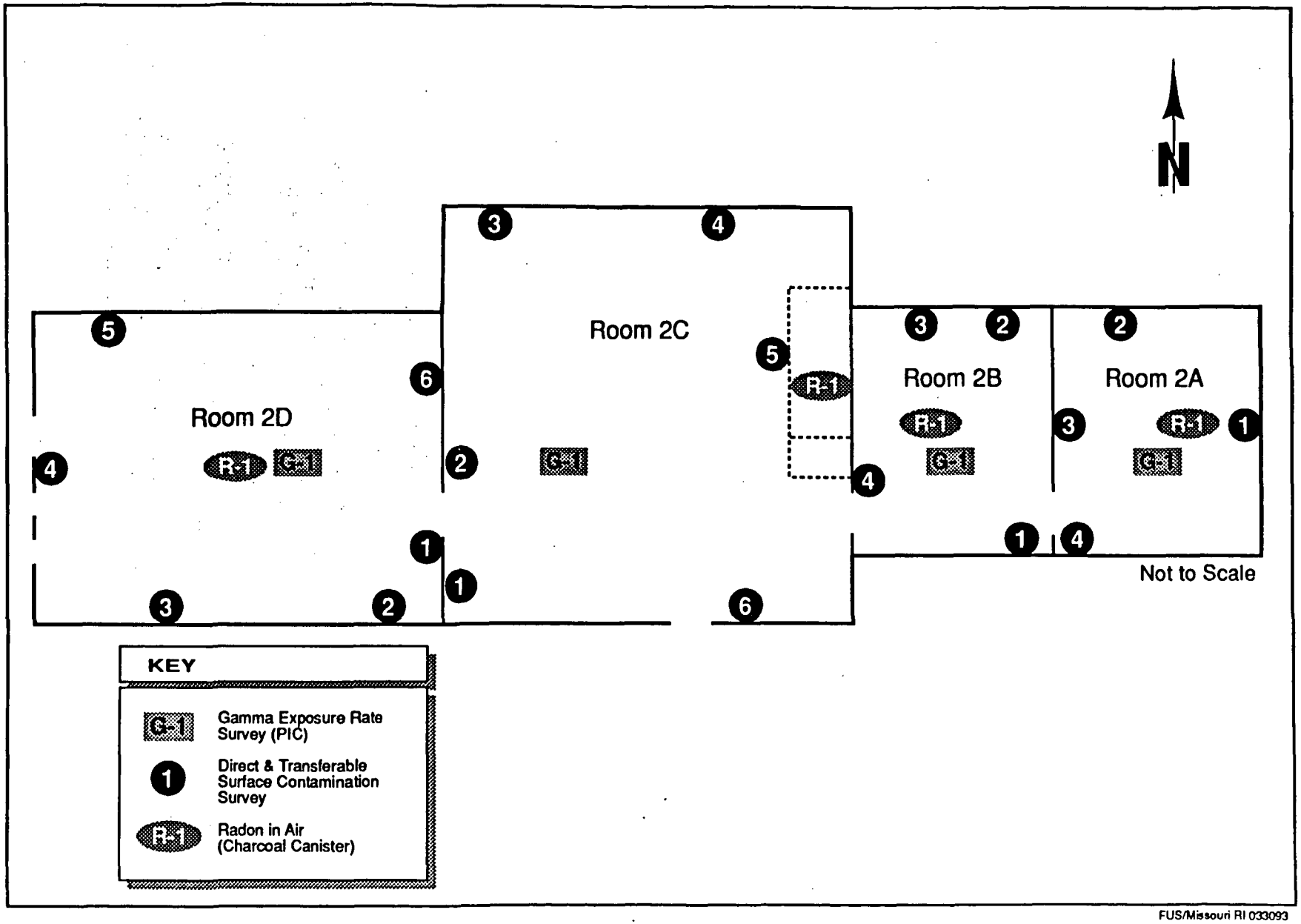


Figure 2-15. Survey Locations for Futura Coatings Building No. 2

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PREDECISIONAL DRAFT - DO NOT CITE

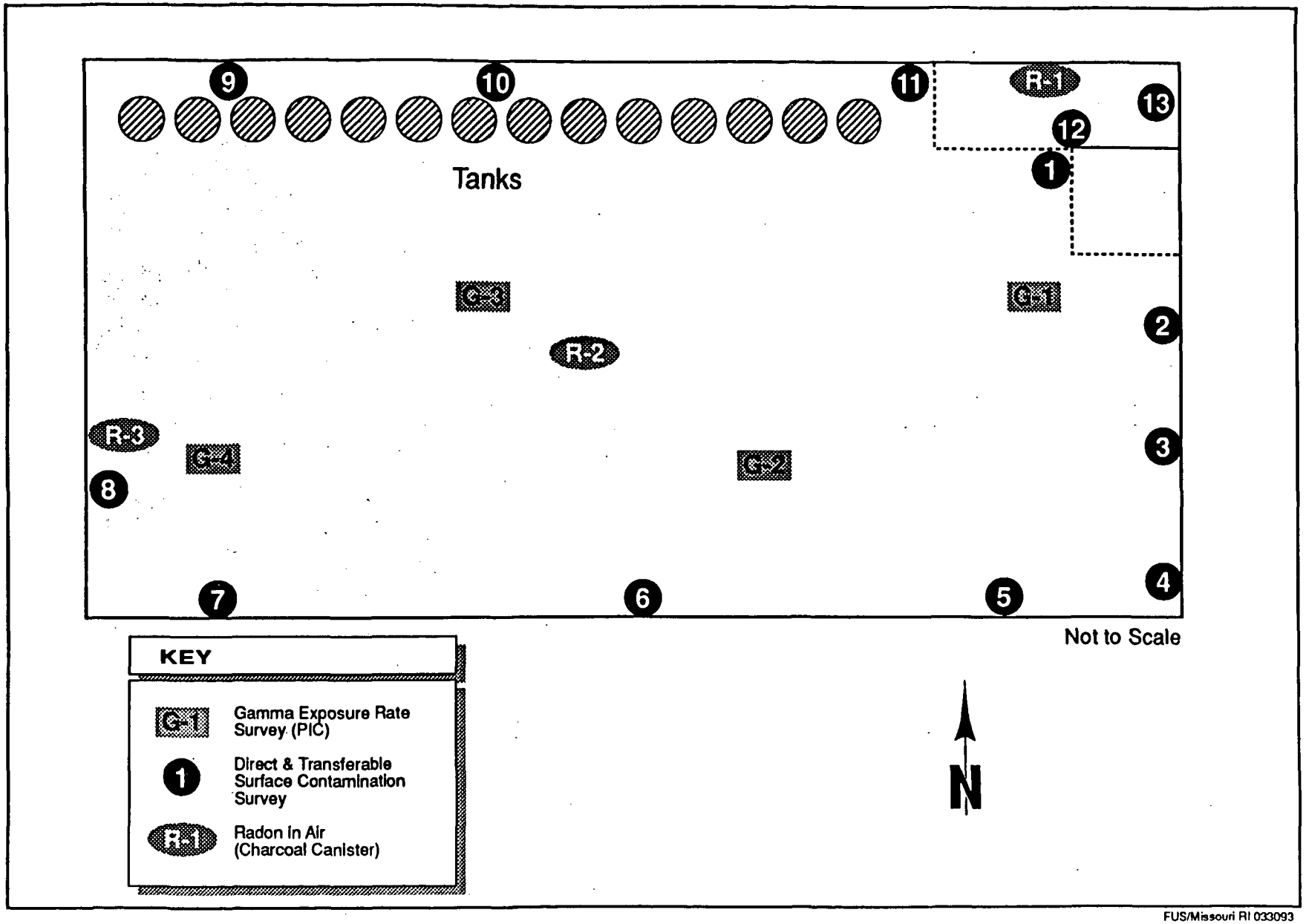

Figure 2-16. Survey Locations for Futura Coatings Building No. 3

PREDECISIONAL DRAFT - DO NOT CITE

PREDECISIONAL DRAFT - DO NOT CITE

Figure 2-17. Survey Scan Locations for Building 101 at St. Louis Downtown Site

Building surveys were taken inside of Building 101 at SLDS to evaluate the cause for elevated gamma readings within the building. The data presented in Table 3-45 represent direct beta-gamma readings of potassium-40 reagent containers. Background in the building was 37 counts per minute (cpm). Reagent container counts ranged from 89 to 356 cpm. The reported corresponding dpm/100 cm^2 are based on instrument efficiency and count times. The elevated beta-gamma readings are attributed to the potassium-40 reagents and not MED/AEC activities.

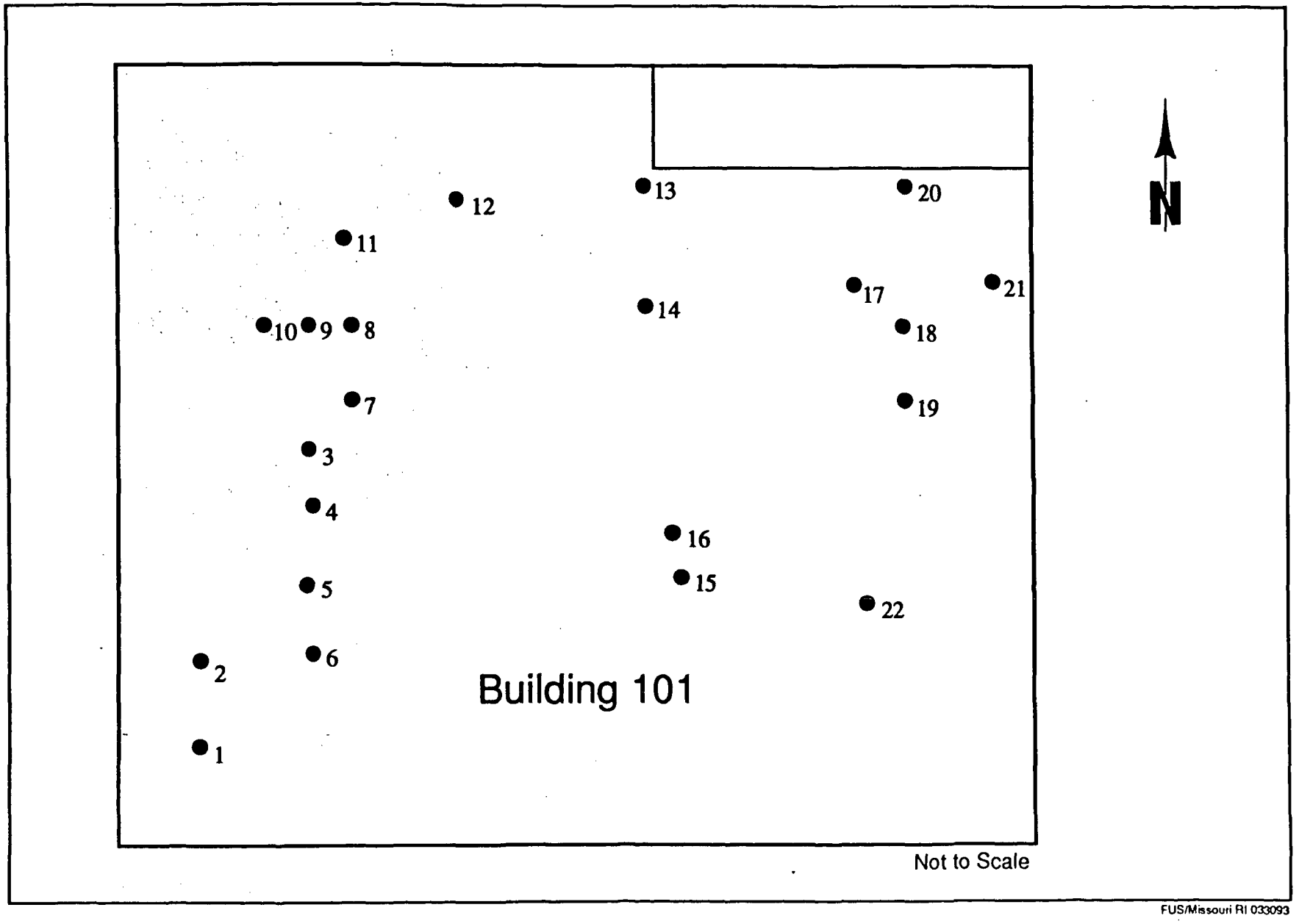

Figure 2-17. Survey Locations for Building 101 at St. Louis Downtown Site

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PREDECISIONAL DRAFT - DO NOT CITE

Table 3-42. Radiological Concentrations in Vegetation at St. Louis Airport Site

As stated in Objective 9 of the FSP (BNI 1993), a total of six vegetation samples were collected from different species of flora (grass) growing along contaminated ditches next to the Haul Roads. These samples were analyzed for radionuclides and the results are presented in Table 3-42. All samples analyzed for U-238, Ra-226, and Th-232 gave results below the MDA. All samples analyzed for Th-230 gave results below 1.0 pCi/g.

Table 3-43. Actinium and Protactinium Concentrations in Soil at St. Louis Downtown Site and St. Louis Airport Site

As stated in Objective 9 of the FSP (BNI 1993), a total of five samples from both SLDS and SLAPS were taken from the archives and analyzed to determine whether protactinium and actinium were differentially migrating from the onsite radioactively contaminated soils. The data results are presented in Table 3-43. Data for two samples originally selected for analysis from SLDS could not be provided due to insufficient sample amount.

All eight reported samples were found to be below the MDAs for both Ac-227 and protactinium (Pa)-231. The highest MDAs reported for this sample set of eight were 2.6 pCi/g for Ac-227 and 5.2 pCi/g for Pa-231.

Residues and wastes from uranium processing at SLDS and later placed at SLAPS and HISS are not in secular equilibrium. Previous results (BNI 1991b) indicate that uranium and thorium constituents have been separated for further purification or product production, leaving behind the daughters and residual uranium. Previous Ac-227 and Pa-231 data ranged from <2.0 to 4.0 pCi/g at SLDS and from 8 to 58 pCi/g at SLAPS, with the activity of Pa-231 being estimated from the decay products Ac-227 and Th-227. The FSP data for SLDS confirms the levels of Ac-227 and Pa-231 are below the MDAs for SLDS. At SLAPS, assuming uniform distribution of the contamination over the surface and subsurface area, the FSP data results show the activity levels of Ac-227 and Pa-231 for the areas directly below areas of contamination are below the MDAs, therefore indicating no migration.

Table 3-46. Geotechnical Data from St. Louis Downtown Site, St. Louis Airport Site, and Hazelwood Interim Storage Site

As stated in the FSP (BNI 1993), two shelby tube samples were collected from well boreholes during groundwater monitoring well installation. Samples were analyzed for coefficient of permeability, unit weight, specific gravity, moisture density relationship, Atterberg limits, soil classification, hygroscopic moisture content, and cation exchange capacity. Results are presented in Table 3-46.

Tables 3-47 through 3-59. Chemical Data for Soil and Groundwater at St. Louis Downtown Site, St. Louis Airport Site, Hazelwood Interim Storage Site, and Futura Coatings

The investigation of nature and extent of the chemical contamination at the St. Louis site included analyses of VOCs, BNAE organics, metals, Resource Conservation and Recovery Act (RCRA)-hazardous waste characteristics, pH, specific conductance, total organic halides (TOXs), total organic compounds (TOCs), fluoride, sulfate, and nitrate. Methods were performed using EPA's Contract Laboratory Program (CLP) and other associated EPA methods, including *Statement of Work for Organics Analysis*, *Statement of Work for Inorganics Analysis*, *Test Methods for Evaluating Solid Waste (SW-846)*, *Standard Methods for the Examination of Water and Wastewater*, *Methods for Chemical Analysis of Water and Wastes*, and *American Society for Testing and Materials (ASTM)*.

Chemical analysis of soil at SLDS included 24 samples for VOCs, 57 for BNAE organics, 63 for RCRA characteristics, and 109 for metals all collected from a total of 110 boreholes. Soil data results found above detection limits are listed in Table 3-51. Chemical analysis of groundwater in four deep and four shallow wells at SLDS was conducted for four quarters between July 1988 and April 1989. The groundwater samples were analyzed for VOCs, BNAE organics, pesticides, polychlorinated biphenyls (PCBs), metals, pH, TOCs, TOXs, specific conductance, fluoride, and nitrates and the results are given in Tables 3-47 and 3-56.

Chemical analysis of soil at SLAPS and the Ball Field area from a total of 22 random and 8 biased borehole locations included 90 samples for VOCs, BNAE organics, metals, nitrate, sulfate, and fluoride and 42 samples for RCRA characteristics. Soil data results found above detection limits are listed in Tables 3-52 and 3-53. The sampling of groundwater in 21 (including 2 background) groundwater wells began quarterly in April 1987 at SLAPS for the chemical indicator parameters including pH, TOCs, TOXs, and specific conductance and the results are given in Tables 3-57 and 3-59. Tables 3-48 and 3-50 show the results of analyses conducted for 18 wells (including 2 background) in January 1989 for VOCs, BNAE organics, pesticides, PCBs, and metals.

Chemical analysis of soil at HISS/Futura from a total of 6 random and 6 biased borehole locations included 28 samples for VOCs, BNAE organics, nitrate, sulfate, and fluoride; 22 samples for metals; and 16 samples for RCRA characteristics. Soil data results found above detection limits are listed in Tables 3-54 and 3-55. The sampling of 7 groundwater wells began quarterly in April 1987 at HISS/Futura for the chemical indicator parameters including pH, TOCs, TOXs, and specific conductance, with 4 additional wells being added in 1990 for a total of 11 and the results are given in Table 3-58. Table 3-49 shows the results of analyses conducted for the 7 wells in January 1989 for VOCs, BNAE organics, pesticides, PCBs, and metals.

3. TABULATED HISTORICAL AND FIELD SAMPLING PLAN SAMPLING DATA

This section contains the historical RI and FSP data used in the figures given in Section 2. These tables contain information on sample location or sample identification, depth, and coordinates for each analytical result reported. FSP radiological sample data reported with an uncertainty of 2 sigma equal to zero are the actual reported MDA values. In some instances, for historic samples taken by hand with a slide-hammer sampler, neither location nor sample identification are provided. The tables are listed behind each tab correlating them to a figure. A correlation that provides the location identification from the FSP (BNI 1993) along with the sample identification and coordinates for the FSP data taken during the 1992 field season is presented in Table 1-2. Document numbers appearing at the bottom of tables refer to the specific RI report or associated RI Appendices reports from which the data were tabulated. The reference list in Section 4 contains a listing of these documents.

As shown below, the usage of an abbreviation in a location identification is different from use of the same letter in a sample identification. The following letters are used in the IDs:

Location ID	Definition
AS	Vicinity of Angelrodt Street
B	Borehole
C	Chemical
CBQ	Chicago, Burlington, and Quincy Railroad
CS	City of St. Louis
D	Deep
HISS or H	Hazelwood Interim Storage Site
L	Thomas and Proetz Lumber
MC	McKinley Iron Company
NWR	Norfolk and Western Railroad
P	Plants 1, 2, 5, 6E, and 7S
PF	PVO Foods, Inc.
R	Radiological
S	Mississippi River Sediment or shallow (if in last character position)
SCH	Sacred Heart Cemetery
ST	St. Louis Terminal Railroad
V	Vegetation (when associated with an "A" sample ID)
	Vicinity Property (when associated with a "U" sample ID)
W	Well

Example Location IDs:

B16W01S	Borehole at SLDS from shallow well 01
B15R001	Borehole at SLDS, location number 001, sampled for radiological analysis
HISS17S	Borehole at HISS, shallow, location number 17

Sample ID	Definition of Location Sampled
A	SLAPS - St. Louis Airport Site
B	SLAPS: Ball Field
D	SLDS - St. Louis Downtown Site
E	SLDS: Plants 6E and 7S
F	SLDS: PVO Foods, Inc.
H	HISS - Hazelwood Interim Storage Site
L	SLDS: Thomas and Proetz Lumber
M	SLDS: McKinley Iron Company Property
N	SLDS: Norfolk and Western Railroad Property
P	SLDS: Plants 1, 2, and 5
Q	SLDS: Chicago, Burlington, and Quincy Railroad
R	Mississippi River Sediment Sampling
S	SLDS: City of St. Louis Property
T	SLDS: St. Louis Terminal Railroad
U	Haul Roads and Vicinity Sampling
V	SLDS: Vicinity of Angelrodt Street
X	SLDS: Drain Process Lines
Y	Additional Sampling at SLDS: Plants 6E and 7S
OT	Duplicate

Example Sample IDs:

L01203	Sample from SLDS, Thomas and Proetz Lumber, location number 12, sample number 03
V02401	Sample from SLDS, Vicinity of Angelrodt Street, location number 24, sample number 01
A06702	Sample from SLAPS - St. Louis Airport Site, location number 67, sample number 02
OT0004	Duplicate sample number 04

4. REFERENCES

APHA (American Public Health Association) 1989. *Standard Methods for the Examination of Water and Wastewater*, 17th edition, Washington, D.C.

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Table 3-1 Historic Sampling Data
Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 W01S	1080	2076	0.0 - 0.5	< 4.0 ± 0.0	0.4 ± 0.2	< 0.5 ± 0.0	0.6 ± 0.3	
	1100	990	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.6	1.2 ± 0.6	2.8 ± 0.6	
B16 C058	1179	1180	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.6	1.0 ± 0.7	0.7 ± 0.6	
	1188	1104	0.0 - 0.5	8.0 ± 4.0	0.7 ± 0.5	< 1.0 ± 0.0	3.6 ± 0.5	
	1190	2225	0.0 - 0.5	< 5.0 ± 0.0	< 1.0 ± 0.0	1.1 ± 0.8	1.4 ± 0.3	
	1200	1900	0.0 - 0.5	< 4.0 ± 0.0	0.5 ± 0.4	1.0 ± 1.0	1.2 ± 0.4	
	1215	1008	0.0 - 0.5	< 7.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	2.3 ± 0.7	
B16 R043	1218	1238	0.0 - 0.5	< 3.0 ± 0.0	0.7 ± 0.3	< 0.5 ± 0.0	1.1 ± 0.3	
B16 C060	1223	1080	0.0 - 0.5	< 3.0 ± 0.0	0.5 ± 0.2	< 0.5 ± 0.0	0.3 ± 0.2	
	1230	1460	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.5	1.7 ± 0.4	
B16 R042	1234	1313	0.0 - 0.5	< 2.0 ± 0.0	0.7 ± 0.2	< 0.5 ± 0.0	0.5 ± 0.2	
	1290	1850	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.8	< 1.0 ± 0.0	1.7 ± 0.4	
	1300	990	0.0 - 0.5	< 8.0 ± 0.0	0.9 ± 0.5	< 1.0 ± 0.0	2.0 ± 0.5	
	1300	1050	0.0 - 0.0	95000 ± 4000	2100 ± 500	<700.0 ± 0.0	98000 ± 2000	*
	1300	1100	0.0 - 0.0	32.0 ± 7.0	5.1 ± 0.8	1.6 ± 0.7	38.0 ± 5.0	*
	1305	1045	0.0 - 0.0	89000 ± 2000	460.0 ± 110	<310.0 ± 0.0	18000 ± 1000	*
	1310	1095	0.0 - 0.0	14.0 ± 4.0	2.4 ± 0.6	1.2 ± 0.6	18.0 ± 3.0	*
	1325	1490	0.0 - 0.5	< 5.0 ± 0.0	3.2 ± 0.8	6.0 ± 1.0	7.9 ± 2.3	*
B16 C151	1340	1342	0.0 - 0.5	< 7.0 ± 0.0	0.7 ± 0.3	< 4.0 ± 0.0	2.4 ± 1.4	
	1436	1460	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.7	1.4 ± 0.9	21.0 ± 2.0	*
	1436	1460	0.2 - 0.5	< 4.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	8.1 ± 0.9	*
B16 R001	1470	2137	0.0 - 0.5	< 4.0 ± 0.0	1.3 ± 0.6	< 0.8 ± 0.0	< 0.3 ± 0.0	
	1476	2118	0.0 - 0.5	< 15.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	2.9 ± 0.5	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1500	989	0.0 - 0.5	< 6.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	1.8 ± 0.5	
	1500	2238	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.6	2.0 ± 1.0	1.5 ± 0.4	
	1535	2090	0.0 - 0.5	< 27.0 ± 0.0	75.0 ± 4.0	< 2.0 ± 0.0	26.0 ± 2.0	*
B16 W02S	1536	2111	0.0 - 0.5	< 6.0 ± 0.0	1.0 ± 0.6	1.9 ± 0.8	0.7 ± 0.3	
	1539	2079	0.0 - 0.5	100.0 ± 40.0	30.0 ± 2.0	< 1.0 ± 0.0	23.0 ± 1.0	*
B16 C003	1547	2088	0.0 - 0.5	< 4.0 ± 0.0	1.1 ± 0.3	< 0.5 ± 0.0	0.7 ± 0.2	
B16 R005	1548	1817	0.0 - 0.5	< 4.0 ± 0.0	0.6 ± 0.3	< 0.5 ± 0.0	0.6 ± 0.2	
	1550	1480	0.0 - 0.5	< 4.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.5 ± 0.4	
B16 C016	1553	1550	0.0 - 0.5	< 3.0 ± 0.0	0.7 ± 0.3	< 0.5 ± 0.0	0.8 ± 0.3	
B16 C015	1557	1616	0.0 - 0.5	< 3.0 ± 0.0	0.5 ± 0.3	< 0.5 ± 0.0	1.0 ± 0.3	
	1561	1588	0.0 - 0.5	< 9.0 ± 0.0	6.0 ± 1.0	3.0 ± 1.0	18.0 ± 3.0	*
B16 R101	1583	2278	0.0 - 0.5	< 6.0 ± 0.0	0.8 ± 0.3	< 2.0 ± 0.0	2.0 ± 1.3	
	1595	2207	0.0 - 0.5	< 6.0 ± 0.0	0.7 ± 0.6	1.3 ± 0.7	1.3 ± 0.3	
	1600	1010	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.7 ± 0.4	
	1608	1457	0.0 - 0.5	160.0 ± 50.0	290.0 ± 10	130.0 ± 10	1000 ± 100.0	*
	1611	1793	0.0 - 0.5	7000 ± 1000	110.0 ± 10	< 2.0 ± 0.0	14000 ± 1000	*
B16 R106	1616	1438	0.0 - 0.5	< 5.0 ± 0.0	0.5 ± 0.2	< 0.9 ± 0.0	1.4 ± 1.1	
	1625	1588	0.0 - 0.5	4700 ± 700.0	430.0 ± 30	< 4.0 ± 0.0	1700 ± 100.0	*
B16 R010	1657	1545	0.0 - 0.5	< 3.0 ± 0.0	0.9 ± 0.4	< 0.5 ± 0.0	0.7 ± 0.2	
B16 R006	1661	1750	0.0 - 0.5	< 3.0 ± 0.0	0.8 ± 0.3	< 0.5 ± 0.0	0.8 ± 0.3	
B16 C118	1665	1420	0.0 - 0.5	< 19.0 ± 0.0	21.0 ± 1.0	3.0 ± 1.0	52.0 ± 6.0	*
	1700	984	0.0 - 0.5	< 9.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	9.1 ± 0.9	*
	1700	2238	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.7	0.9 ± 0.8	1.5 ± 0.4	
	1705	1599	0.0 - 0.5	8100 ± 1200	31.0 ± 6.0	< 2.0 ± 0.0	1000 ± 100.0	*
B16 C007	1705	1750	0.0 - 0.5	< 4.0 ± 0.0	0.6 ± 0.3	< 0.5 ± 0.0	0.9 ± 0.4	
	1710	1671	0.0 - 0.5	6600 ± 1000	290.0 ± 10	< 1.0 ± 0.0	11000 ± 1000	*
	1710	1888	0.0 - 0.5	< 38.0 ± 0.0	180.0 ± 10	< 2.0 ± 0.0	38.0 ± 2.0	*
	1718	1463	0.0 - 0.5	22.0 ± 17.0	16.0 ± 2.0	< 2.0 ± 0.0	10.0 ± 1.0	*
	1750	1756	0.0 - 0.5	39.0 ± 10.0	1.9 ± 0.7	1.2 ± 0.7	75.0 ± 4.0	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C014	1795	1685	0.0 - 0.5	< 6.0 ± 0.0	1.0 ± 0.3	< 0.5 ± 0.0	0.9 ± 0.4	
	1800	1009	0.0 - 0.5	< 5.0 ± 0.0	0.7 ± 0.5	1.2 ± 0.6	1.4 ± 0.3	
	1800	1800	0.0 - 0.5	< 8.0 ± 0.0	1.3 ± 0.9	< 1.0 ± 0.0	2.3 ± 0.6	
	1800	2208	0.0 - 0.5	< 8.0 ± 0.0	2.4 ± 0.7	2.0 ± 2.0	1.9 ± 0.4	
B16 R009	1815	1628	0.0 - 0.5	< 3.0 ± 0.0	0.6 ± 0.3	< 0.5 ± 0.0	0.8 ± 0.3	
	1850	1480	0.0 - 0.5	< 3.0 ± 0.0	0.4 ± 0.3	0.7 ± 0.6	1.2 ± 0.3	
	1900	984	0.0 - 0.5	< 10.0 ± 0.0	2.1 ± 0.8	1.5 ± 0.9	4.1 ± 0.8	
	1900	2230	0.0 - 0.5	< 6.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	1.9 ± 0.4	
	1922	1914	0.0 - 0.5	< 58.0 ± 0.0	310.0 ± 10	< 4.0 ± 0.0	220.0 ± 10.0	*
	1950	1952	0.0 - 0.5	<210.0 ± 0.0	5400 ± 200	< 14.0 ± 0.0	330.0 ± 10.0	*
	1994	1852	0.0 - 0.5	< 10.0 ± 0.0	8.0 ± 1.0	2.0 ± 1.0	11.0 ± 1.0	*
	1995	2207	0.0 - 0.5	< 7.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	3.5 ± 0.7	
	2000	1009	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	0.9 ± 0.5	2.3 ± 0.4	
	2000	1450	0.0 - 0.5	< 17.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	3.2 ± 0.7	
	2023	1888	0.0 - 0.5	<140.0 ± 0.0	1600 ± 100	< 9.0 ± 0.0	270.0 ± 10.0	*
	2050	1800	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.8	< 1.0 ± 0.0	2.0 ± 0.4	
B16 R016	2064	1782	0.0 - 0.5	< 3.0 ± 0.0	0.7 ± 0.3	< 0.5 ± 0.0	0.7 ± 0.3	
	2161	1190	0.0 - 0.5	< 8.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.4 ± 0.3	
	2163	1610	0.0 - 0.5	< 26.0 ± 0.0	120.0 ± 10	< 3.0 ± 0.0	130.0 ± 10.0	*
	2163	2000	0.0 - 0.5	< 13.0 ± 0.0	1.5 ± 1.0	< 1.0 ± 0.0	3.9 ± 0.6	
	2164	1804	0.0 - 0.5	< 7.0 ± 0.0	6.0 ± 1.0	2.1 ± 0.8	15.0 ± 1.0	*
	2165	2198	0.0 - 0.5	15.0 ± 5.0	3.8 ± 0.8	< 1.0 ± 0.0	5.5 ± 0.7	S
	2166	1400	0.0 - 0.5	< 13.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	1.4 ± 0.3	
	2169	1579	0.0 - 0.5	< 10.0 ± 0.0	310.0 ± 10	< 1.0 ± 0.0	47.0 ± 2.0	*
	2169	1619	0.0 - 0.5	< 11.0 ± 0.0	490.0 ± 10	< 1.0 ± 0.0	130.0 ± 10.0	*
	2200	1840	0.0 - 0.5	< 10.0 ± 0.0	330.0 ± 10	< 1.0 ± 0.0	16.0 ± 1.0	*
	2207	1823	0.0 - 0.5	< 8.0 ± 0.0	3.5 ± 0.8	< 1.0 ± 0.0	260.0 ± 10.0	*
	2212	1486	0.0 - 0.5	< 11.0 ± 0.0	32.0 ± 3.0	< 1.0 ± 0.0	64.0 ± 2.0	*
	2215	1012	0.0 - 0.5	< 8.0 ± 0.0	3.9 ± 0.9	1.3 ± 0.0	3.1 ± 0.5	

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R023	2216	1506	0.0 - 0.5	< 3.0 ± 0.0	1.2 ± 0.4	0.4 ± 0.4	1.1 ± 0.3
B16 C040	2225	1466	0.0 - 0.5	< 10.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	0.9 ± 0.4
	2232	1435	0.0 - 0.5	< 21.0 ± 0.0	11.0 ± 2.0	22.0 ± 3.0	670.0 ± 20.0 *
	2273	1630	0.0 - 0.5	83.0 ± 14.0	3.3 ± 0.9	2.0 ± 1.0	5.5 ± 0.9 *
	2299	1762	0.0 - 0.5	110.0 ± 30.0	82.0 ± 4.0	17.0 ± 4.0	160.0 ± 10.0 *
	2300	984	0.0 - 0.5	< 6.0 ± 0.0	2.7 ± 0.8	< 1.0 ± 0.0	4.0 ± 1.2
	2317	1502	0.0 - 0.5	86.0 ± 19.0	78.0 ± 4.0	< 1.0 ± 0.0	130.0 ± 10.0 *
	2348	1251	0.0 - 0.5	15.0 ± 9.0	11.0 ± 2.0	1.4 ± 0.8	8.4 ± 1.0 *
	2421	1015	0.0 - 0.5	< 12.0 ± 0.0	1.3 ± 0.9	< 1.0 ± 0.0	1.9 ± 0.5
	2500	983	0.0 - 0.5	< 11.0 ± 0.0	2.5 ± 0.8	< 1.0 ± 0.0	4.2 ± 0.6
	2503	1453	0.0 - 0.5	65.0 ± 15.0	18.0 ± 2.0	6.0 ± 2.0	74.0 ± 6.0 *
	2514	1554	0.0 - 0.5	< 9.0 ± 0.0	5.0 ± 1.0	5.0 ± 1.0	7.0 ± 0.6 *
	2523	1251	0.0 - 0.5	< 10.0 ± 0.0	260.0 ± 10	< 1.0 ± 0.0	280.0 ± 10.0 *
	2530	1364	0.0 - 0.5	140.0 ± 30.0	50.0 ± 4.0	15.0 ± 4.0	220.0 ± 10.0 *
	2573	1289	0.0 - 0.5	< 10.0 ± 0.0	18.0 ± 2.0	30.0 ± 4.0	38.0 ± 3.0 *
	2575	1514	0.0 - 0.5	< 11.0 ± 0.0	1.2 ± 0.6	1.3 ± 0.9	2.1 ± 0.4
	2600	1016	0.0 - 0.5	< 4.0 ± 0.0	2.7 ± 0.7	< 1.0 ± 0.0	3.7 ± 0.6
	2622	1275	0.0 - 0.5	37.0 ± 21.0	50.0 ± 3.0	20.0 ± 4.0	59.0 ± 6.0 *
	2628	1563	0.0 - 0.5	< 9.0 ± 0.0	3.3 ± 0.9	1.2 ± 0.9	4.6 ± 0.8
	2672	1485	0.0 - 0.5	< 24.0 ± 0.0	35.0 ± 3.0	45.0 ± 4.0	77.0 ± 5.0 *
	2700	980	0.0 - 0.5	< 13.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	3.6 ± 0.6
B16 R037	2700	1334	0.0 - 0.5	< 3.0 ± 0.0	0.4 ± 0.3	0.5 ± 0.4	0.6 ± 0.3
	2725	1535	0.0 - 0.5	< 46.0 ± 0.0	210.0 ± 10	65.0 ± 6.0	73.0 ± 6.0 *
	2725	1705	0.0 - 0.5	< 97.0 ± 0.0	920.0 ± 20	< 6.0 ± 0.0	110.0 ± 10.0 *
	2735	1636	0.0 - 0.5	< 9.0 ± 0.0	7.0 ± 1.0	< 1.0 ± 0.0	13.0 ± 2.0 *
	2746	1800	0.0 - 0.5	< 18.0 ± 0.0	18.0 ± 2.0	11.0 ± 2.0	150.0 ± 10.0 *
B16 C030	2749	1791	0.0 - 0.5	< 3.0 ± 0.0	1.9 ± 0.6	0.7 ± 0.5	0.7 ± 0.4
	2754	1290	0.0 - 0.5	31.0 ± 18.0	48.0 ± 3.0	< 1.0 ± 0.0	55.0 ± 2.0 *
	2756	1333	0.0 - 0.5	23.0 ± 10.0	5.0 ± 1.0	< 1.0 ± 0.0	16.0 ± 1.0 *

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2770	1495	0.0 - 0.5	< 73.0 ± 0.0	160.0 ± 10	440.0 ± 20	65.0 ± 6.0	*
B16 R038	2799	1384	0.0 - 0.5	< 4.0 ± 0.0	0.6 ± 0.4	< 0.5 ± 0.0	0.4 ± 0.2	
	2800	1016	0.0 - 0.5	< 5.0 ± 0.0	2.3 ± 0.7	2.4 ± 0.9	5.0 ± 0.6	S
	2821	1422	0.0 - 0.5	< 9.0 ± 0.0	370.0 ± 10	32.0 ± 5.0	14.0 ± 1.0	*
	2865	1493	0.0 - 0.5	< 25.0 ± 0.0	34.0 ± 2.0	100.0 ± 10	680.0 ± 20.0	*
B16 R030	2870	1432	0.0 - 0.5	< 3.0 ± 0.0	0.7 ± 0.3	0.6 ± 0.3	0.6 ± 0.3	
	2871	1841	0.0 - 0.5	12.0 ± 9.0	7.0 ± 1.0	3.0 ± 1.0	150.0 ± 10.0	*
	2893	1797	0.0 - 0.5	63.0 ± 35.0	92.0 ± 5.0	49.0 ± 6.0	1.7 ± 0.4	*
	2895	1529	0.0 - 0.5	41.0 ± 23.0	11.0 ± 2.0	18.0 ± 3.0	15.0 ± 3.0	*
	2896	1592	0.0 - 0.5	< 87.0 ± 0.0	790.0 ± 30	370.0 ± 40	68.0 ± 7.0	*
	2897	1737	0.0 - 0.5	61.0 ± 17.0	25.0 ± 2.0	2.0 ± 1.0	3.0 ± 1.2	*
	2900	982	0.0 - 0.5	< 5.0 ± 0.0	2.2 ± 0.7	1.9 ± 0.8	3.3 ± 0.5	
B16 R040	2910	1273	0.0 - 0.5	< 2.0 ± 0.0	0.5 ± 0.2	0.4 ± 0.3	0.7 ± 0.3	
	2924	1453	0.0 - 0.5	17.0 ± 13.0	22.0 ± 2.0	< 1.0 ± 0.0	30.0 ± 2.0	*
	2966	1306	0.0 - 0.5	< 9.0 ± 0.0	51.0 ± 3.0	190.0 ± 10	71.0 ± 8.0	*
	3000	1016	0.0 - 0.5	< 9.0 ± 0.0	2.7 ± 0.9	1.2 ± 0.9	6.9 ± 1.5	*
	3006	1358	0.0 - 0.5	< 14.0 ± 0.0	15.0 ± 2.0	35.0 ± 5.0	24.0 ± 3.0	*
	3055	1437	0.0 - 0.5	67.0 ± 22.0	50.0 ± 3.0	< 1.0 ± 0.0	41.0 ± 2.0	*
	3056	1278	0.0 - 0.5	< 12.0 ± 0.0	53.0 ± 4.0	210.0 ± 10	46.0 ± 7.0	*
	3110	1012	0.0 - 0.5	< 5.0 ± 0.0	4.7 ± 0.9	2.0 ± 1.0	5.2 ± 1.0	
	3150	1100	0.0 - 0.5	< 11.0 ± 0.0	6.0 ± 1.0	2.0 ± 1.0	6.0 ± 0.9	*
	3150	1150	0.0 - 0.5	130.0 ± 20.0	4.0 ± 1.0	2.0 ± 1.0	4.7 ± 0.7	*
	3150	1200	0.0 - 0.5	8.0 ± 6.0	3.0 ± 1.0	1.0 ± 1.0	7.3 ± 1.0	*
	3150	1250	0.0 - 0.5	< 13.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	8.3 ± 1.5	*
	3156	1794	0.0 - 0.5	< 21.0 ± 0.0	27.0 ± 3.0	2.0 ± 1.0	15.0 ± 1.0	*
	3200	1350	0.0 - 0.5	12.0 ± 7.0	3.0 ± 0.9	1.3 ± 0.8	11.0 ± 1.0	*
B53C43	3200	1400	0.0 - 0.5	10.0 ± 6.0	2.5 ± 0.8	1.1 ± 0.7	11.0 ± 1.0	*
	3200	1450	0.0 - 0.5	8.0 ± 5.0	2.6 ± 0.8	< 1.0 ± 0.0	5.5 ± 0.7	
	3200	1500	0.0 - 0.5	20.0 ± 5.0	4.3 ± 0.9	< 1.0 ± 0.0	14.0 ± 2.0	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3200	1550	0.0 - 0.5	31.0 ± 12.0	6.0 ± 1.0	< 2.0 ± 0.0	15.0 ± 1.0	*
	3225	1515	0.0 - 0.5	< 11.0 ± 0.0	20.0 ± 2.0	46.0 ± 5.0	20.0 ± 2.0	*
	3240	1545	0.0 - 0.5	400.0 ± 40.0	380.0 ± 10	32.0 ± 6.0	520.0 ± 20.0	*
	3240	1550	0.0 - 0.5	< 11.0 ± 0.0	12.0 ± 2.0	2.0 ± 1.0	9.8 ± 0.8	*
	3244	1750	0.0 - 0.5	< 7.0 ± 0.0	3.0 ± 0.7	1.7 ± 0.8	4.7 ± 0.8	
	3250	1350	0.0 - 0.5	< 11.0 ± 0.0	1.0 ± 1.0	2.0 ± 1.0	5.0 ± 0.7	
	3250	1400	0.0 - 0.5	< 11.0 ± 0.0	< 0.8 ± 0.0	< 1.0 ± 0.0	5.2 ± 0.6	
	3250	1450	0.0 - 0.5	< 13.0 ± 0.0	3.8 ± 0.9	< 2.0 ± 0.0	5.9 ± 0.6	
	3250	1600	0.0 - 0.5	< 12.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	5.0 ± 0.6	S
	3250	1700	0.0 - 0.5	< 12.0 ± 0.0	3.6 ± 0.9	2.0 ± 1.0	4.7 ± 0.7	
	3250	1800	0.0 - 0.5	< 7.0 ± 0.0	2.2 ± 0.8	1.4 ± 0.8	1.9 ± 0.5	
	3255	1650	0.0 - 0.5	13.0 ± 6.0	1.7 ± 0.7	1.7 ± 0.7	2.7 ± 0.5	
	3258	1500	0.0 - 0.5	< 9.0 ± 0.0	3.2 ± 0.7	1.8 ± 0.7	6.5 ± 0.9	*
	3280	1480	0.0 - 0.5	< 13.0 ± 0.0	34.0 ± 3.0	10.0 ± 3.0	8.0 ± 0.7	*
	3300	1450	0.0 - 0.5	< 13.0 ± 0.0	3.0 ± 0.9	3.0 ± 1.0	4.1 ± 0.6	
	3300	1500	0.0 - 0.5	< 11.0 ± 0.0	4.0 ± 0.9	2.1 ± 0.9	5.4 ± 0.6	S
	3300	1550	0.0 - 0.5	< 12.0 ± 0.0	3.9 ± 0.9	< 1.0 ± 0.0	3.5 ± 0.5	
	3300	1600	0.0 - 0.5	< 10.0 ± 0.0	4.2 ± 0.9	1.6 ± 0.8	5.2 ± 0.6	
	3300	1650	0.0 - 0.5	7.0 ± 5.0	4.0 ± 1.0	1.0 ± 1.0	4.7 ± 0.6	
B16 R140	3300	1700	0.0 - 0.5	42.0 ± 12.0	2.0 ± 1.0	2.0 ± 1.0	5.1 ± 0.8	S
	3300	1750	0.0 - 0.5	19.0 ± 6.0	8.0 ± 1.0	< 1.0 ± 0.0	6.8 ± 1.5	*
	3300	1800	0.0 - 0.5	< 10.0 ± 0.0	2.5 ± 0.7	2.0 ± 1.0	2.0 ± 0.4	
	3300	1850	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.6	2.0 ± 0.9	2.6 ± 0.4	
	3300	1900	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.4	< 1.0 ± 0.0	1.3 ± 0.3	
	3340	1475	0.0 - 0.5	< 15.0 ± 0.0	7.0 ± 1.0	6.0 ± 2.0	10.0 ± 1.0	*
	3350	1450	0.0 - 0.5	< 9.0 ± 0.0	3.8 ± 0.9	3.0 ± 1.0	18.0 ± 1.0	*
	3350	1500	0.0 - 0.5	< 10.0 ± 0.0	5.0 ± 1.0	4.0 ± 1.0	2.8 ± 0.7	S
	3350	1550	0.0 - 0.5	< 7.0 ± 0.0	2.8 ± 0.8	3.0 ± 1.0	4.1 ± 0.6	
	3350	1600	0.0 - 0.5	< 8.0 ± 0.0	2.9 ± 0.9	2.0 ± 1.0	3.0 ± 0.8	

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3350	1650	0.0 - 0.5	< 8.0 ± 0.0	2.4 ± 0.9	2.0 ± 0.9	3.9 ± 0.5	
	3350	1700	0.0 - 0.5	16.0 ± 5.0	2.1 ± 0.7	0.9 ± 0.8	3.0 ± 0.5	
	3350	1750	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.7	0.9 ± 0.8	3.4 ± 0.5	
	3350	1800	0.0 - 0.5	< 10.0 ± 0.0	1.5 ± 0.7	1.8 ± 0.8	2.0 ± 0.5	
	3350	1850	0.0 - 0.5	< 9.0 ± 0.0	2.0 ± 1.0	1.0 ± 1.0	2.6 ± 0.5	
	3350	1900	0.0 - 0.5	< 10.0 ± 0.0	1.8 ± 0.6	1.6 ± 0.7	-a-	
	3350	1950	0.0 - 0.5	< 12.0 ± 0.0	2.5 ± 0.7	1.4 ± 0.8	-a-	
	3365	1740	0.0 - 0.5	47.0 ± 14.0	10.0 ± 2.0	26.0 ± 3.0	42.0 ± 3.0	*
	3368	1745	0.0 - 0.5	19.0 ± 9.0	15.0 ± 2.0	25.0 ± 4.0	22.0 ± 2.0	*
	3390	1470	0.0 - 0.5	< 15.0 ± 0.0	9.0 ± 2.0	5.0 ± 2.0	12.0 ± 2.0	*
	3400	1450	0.0 - 0.5	< 6.0 ± 0.0	7.0 ± 1.0	2.0 ± 1.0	8.5 ± 1.0	*
	3400	1500	0.0 - 0.5	< 15.0 ± 0.0	7.0 ± 1.0	3.0 ± 1.0	6.0 ± 1.1	*
	3400	1550	0.0 - 0.5	24.0 ± 12.0	8.0 ± 1.0	< 1.0 ± 0.0	7.0 ± 0.9	*
	3400	1600	0.0 - 0.5	9.0 ± 4.0	2.8 ± 0.9	2.0 ± 1.0	7.3 ± 0.8	*
	3400	1650	0.0 - 0.5	< 10.0 ± 0.0	2.9 ± 0.9	2.0 ± 1.0	4.5 ± 0.6	
	3400	1700	0.0 - 0.5	< 7.0 ± 0.0	2.5 ± 0.8	1.4 ± 1.0	4.2 ± 0.6	
	3400	1750	0.0 - 0.5	< 8.0 ± 0.0	1.8 ± 0.7	1.3 ± 0.9	2.9 ± 0.8	
B16 C145	3400	1800	0.0 - 0.5	< 7.0 ± 0.0	2.9 ± 0.8	1.5 ± 0.9	3.6 ± 0.6	
	3400	1850	0.0 - 0.5	< 9.0 ± 0.0	2.1 ± 0.6	1.2 ± 0.9	2.0 ± 0.4	
	3400	1900	0.0 - 0.5	< 11.0 ± 0.0	2.6 ± 0.7	1.6 ± 0.8	2.6 ± 0.5	
	3400	1950	0.0 - 0.5	< 11.0 ± 0.0	5.0 ± 1.0	2.2 ± 0.9	2.8 ± 0.5	S
	3415	1270	0.0 - 0.5	< 11.0 ± 0.0	8.0 ± 1.0	2.0 ± 1.0	6.6 ± 0.7	*
	3415	1335	0.0 - 0.5	24.0 ± 10.0	5.0 ± 1.0	3.0 ± 1.0	17.0 ± 2.0	*
	3416	1365	0.0 - 0.5	< 10.0 ± 0.0	3.5 ± 0.9	0.8 ± 0.7	2.3 ± 0.4	
	3418	1340	0.0 - 0.5	17.0 ± 9.0	46.0 ± 3.0	< 1.0 ± 0.0	30.0 ± 2.0	*
	3418	1352	0.0 - 0.5	36.0 ± 18.0	59.0 ± 3.0	2.0 ± 2.0	24.1 ± 1.0	*
	3420	1348	0.0 - 0.5	< 12.0 ± 0.0	46.0 ± 3.0	< 1.0 ± 0.0	29.0 ± 2.0	*
	3420	1410	0.0 - 0.5	< 11.0 ± 0.0	11.0 ± 1.0	1.0 ± 1.0	9.3 ± 0.8	*
	3420	1670	0.0 - 0.5	< 12.0 ± 0.0	62.0 ± 4.0	< 1.0 ± 0.0	39.0 ± 2.0	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3420	1695	0.0 - 0.5	< 42.0 ± 0.0	1300 ± 100	< 2.0 ± 0.0	4.5 ± 0.3	*
	3420	1770	0.0 - 0.5	< 13.0 ± 0.0	7.0 ± 1.0	3.0 ± 1.0	12.0 ± 1.0	*
	3422	1351	0.0 - 0.5	< 30.0 ± 0.0	120.0 ± 10	< 2.0 ± 0.0	76.3 ± 3.0	*
	3425	1285	0.0 - 0.5	< 11.0 ± 0.0	3.3 ± 0.9	2.0 ± 1.0	2.7 ± 0.5	
	3425	1290	0.0 - 0.5	< 11.0 ± 0.0	2.8 ± 0.8	1.0 ± 1.0	5.9 ± 0.7	
	3430	1669	0.0 - 0.5	< 40.0 ± 0.0	110.0 ± 10	< 3.0 ± 0.0	73.0 ± 2.0	*
	3430	1738	0.0 - 0.5	< 9.0 ± 0.0	5.0 ± 1.0	3.0 ± 1.0	5.6 ± 0.6	S
	3430	1825	0.0 - 0.5	< 18.0 ± 0.0	26.0 ± 2.0	3.0 ± 1.0	18.0 ± 1.0	*
	3437	1506	0.0 - 0.5	< 11.0 ± 0.0	6.0 ± 1.0	3.0 ± 1.0	120.0 ± 10.0	*
	3438	1806	0.0 - 0.5	< 21.0 ± 0.0	57.0 ± 3.0	4.0 ± 2.0	41.0 ± 2.0	*
	3440	1518	0.0 - 0.5	< 13.0 ± 0.0	6.0 ± 1.0	2.0 ± 1.0	260.0 ± 10.0	*
	3450	1150	0.0 - 0.5	< 11.0 ± 0.0	3.0 ± 0.8	1.6 ± 0.8	1.3 ± 0.4	
	3450	1200	0.0 - 0.5	< 10.0 ± 0.0	1.2 ± 0.5	2.0 ± 1.0	1.5 ± 0.3	
	3450	1250	0.0 - 0.5	< 10.0 ± 0.0	1.5 ± 0.6	0.8 ± 0.7	1.0 ± 0.3	
	3450	1300	0.0 - 0.5	< 10.0 ± 0.0	2.7 ± 0.7	1.3 ± 0.9	2.0 ± 0.6	
	3450	1350	0.0 - 0.5	< 11.0 ± 0.0	2.0 ± 0.6	4.0 ± 1.0	1.4 ± 0.4	
	3450	1400	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.6	1.5 ± 0.9	1.3 ± 0.4	
	3450	1450	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.6	3.0 ± 1.0	1.6 ± 0.4	
	3450	1500	0.0 - 0.5	< 11.0 ± 0.0	8.0 ± 1.0	4.0 ± 1.0	5.8 ± 0.7	*
	3450	1550	0.0 - 0.5	< 10.0 ± 0.0	2.4 ± 0.7	2.0 ± 1.0	13.0 ± 1.0	*
	3450	1600	0.0 - 0.5	< 10.0 ± 0.0	2.7 ± 0.8	4.0 ± 1.0	23.0 ± 3.0	*
	3450	1650	0.0 - 0.5	< 12.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	8.7 ± 1.6	*
	3450	1700	0.0 - 0.5	< 9.0 ± 0.0	2.8 ± 0.7	1.2 ± 0.8	3.6 ± 0.5	
	3450	1750	0.0 - 0.5	< 11.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	4.9 ± 0.6	
	3450	1800	0.0 - 0.5	< 5.0 ± 0.0	1.9 ± 0.7	1.3 ± 0.7	4.8 ± 0.7	
	3450	1850	0.0 - 0.5	< 10.0 ± 0.0	2.9 ± 0.7	1.8 ± 0.9	3.7 ± 0.8	
	3450	1900	0.0 - 0.5	< 10.0 ± 0.0	1.9 ± 0.6	1.0 ± 0.7	2.0 ± 0.7	
	3450	1950	0.0 - 0.5	< 10.0 ± 0.0	1.6 ± 0.5	< 1.0 ± 0.0	1.7 ± 0.4	
	3453	1690	0.0 - 0.5	< 10.0 ± 0.0	15.0 ± 2.0	< 1.0 ± 0.0	35.0 ± 2.0	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3470	1810	0.0 - 0.5	63.0 ± 36.0	370.0 ± 10	< 1.0 ± 0.0	580.0 ± 10.0	*
	3472	1812	0.0 - 0.5	< 11.0 ± 0.0	6.0 ± 1.0	< 1.0 ± 0.0	7.9 ± 1.0	*
	3500	1100	0.0 - 0.5	< 11.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	1.3 ± 0.5	
	3500	1150	0.0 - 0.5	< 11.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	1.6 ± 0.7	
	3500	1200	0.0 - 0.5	< 6.0 ± 0.0	1.9 ± 0.6	1.2 ± 0.7	1.3 ± 0.5	
	3500	1250	0.0 - 0.5	< 7.0 ± 0.0	0.7 ± 0.6	1.0 ± 0.8	1.6 ± 0.4	
	3500	1300	0.0 - 0.5	< 6.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	1.1 ± 0.5	
	3500	1350	0.0 - 0.5	< 8.0 ± 0.0	1.7 ± 0.6	0.9 ± 0.6	1.4 ± 0.5	
	3502	1550	0.0 - 0.5	< 8.0 ± 0.0	2.0 ± 0.6	0.8 ± 0.6	1.5 ± 0.4	
	3502	1600	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.6	1.5 ± 0.7	1.6 ± 0.3	
	3502	1650	0.0 - 0.5	< 7.0 ± 0.0	1.0 ± 0.6	1.3 ± 0.9	1.3 ± 0.3	
	3502	1700	0.0 - 0.5	< 12.0 ± 0.0	1.5 ± 0.6	3.0 ± 1.0	1.9 ± 0.4	
	3502	1750	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.5	2.1 ± 0.9	1.4 ± 0.4	
	3502	1800	0.0 - 0.5	< 9.0 ± 0.0	1.6 ± 0.6	2.6 ± 0.9	1.5 ± 0.3	
	3502	1850	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.8	1.8 ± 0.9	1.6 ± 0.4	
	3506	1400	0.0 - 0.5	< 11.0 ± 0.0	1.2 ± 0.5	0.9 ± 0.5	1.4 ± 0.6	
	3506	1450	0.0 - 0.5	< 11.0 ± 0.0	1.2 ± 0.6	1.5 ± 0.8	0.9 ± 0.6	
	3506	1500	0.0 - 0.5	< 9.0 ± 0.0	1.7 ± 0.6	1.7 ± 0.8	1.3 ± 0.5	
	3510	1235	0.0 - 0.5	< 13.0 ± 0.0	25.0 ± 2.0	2.0 ± 1.0	26.0 ± 3.0	*
	3525	1235	0.0 - 0.5	< 44.0 ± 0.0	160.0 ± 10	< 3.0 ± 0.0	76.0 ± 0.5	*
	3530	1125	0.0 - 0.5	< 11.0 ± 0.0	16.0 ± 2.0	2.0 ± 1.0	1.9 ± 0.4	*
	3535	1270	0.0 - 0.5	< 9.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	3.7 ± 0.6	S
	3542	1480	0.0 - 0.5	< 11.0 ± 0.0	5.0 ± 1.0	10.0 ± 2.0	8.9 ± 1.9	*
	3548	1295	0.0 - 0.5	< 25.0 ± 0.0	54.0 ± 3.0	3.0 ± 2.0	13.0 ± 2.0	*
	3550	1050	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.5	< 0.6 ± 0.0	1.6 ± 0.4	
	3550	1100	0.0 - 0.5	< 3.0 ± 0.0	1.2 ± 0.4	0.8 ± 0.5	1.8 ± 0.7	
	3550	1150	0.0 - 0.5	< 5.0 ± 0.0	1.4 ± 0.5	< 0.6 ± 0.0	1.8 ± 0.4	
	3550	1200	0.0 - 0.5	< 6.0 ± 0.0	3.0 ± 0.8	0.9 ± 0.8	3.5 ± 0.5	
	3550	1250	0.0 - 0.5	< 5.0 ± 0.0	1.4 ± 0.8	< 0.8 ± 0.0	2.3 ± 0.4	

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3550	1300	0.0 - 0.5	< 7.0 ± 0.0	2.2 ± 0.7	< 0.8 ± 0.0	2.4 ± 0.5	
	3550	1350	0.0 - 0.5	< 2.0 ± 0.0	0.7 ± 0.4	< 0.4 ± 0.0	0.9 ± 0.3	
	3550	1400	0.0 - 0.5	< 6.0 ± 0.0	1.8 ± 0.7	0.6 ± 0.5	3.7 ± 0.6	
	3550	1450	0.0 - 0.5	< 3.0 ± 0.0	1.3 ± 0.8	1.1 ± 0.7	2.7 ± 0.7	
	3550	1500	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.6	1.3 ± 0.7	4.2 ± 0.5	
	3550	1550	0.0 - 0.5	< 4.0 ± 0.0	1.2 ± 0.6	1.1 ± 0.6	2.6 ± 0.5	
	3550	1600	0.0 - 0.5	< 4.0 ± 0.0	1.4 ± 0.6	< 0.6 ± 0.0	2.2 ± 0.4	
	3550	1650	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.6	1.3 ± 0.7	2.3 ± 0.5	
	3550	1860	0.0 - 0.5	< 11.0 ± 0.0	10.0 ± 1.0	4.0 ± 2.0	16.0 ± 1.0	*
	3558	1499	0.0 - 0.5	< 9.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	150.0 ± 10.0	*
	3560	1250	0.0 - 0.5	140.0 ± 30.0	130.0 ± 10	< 1.0 ± 0.0	130.0 ± 10.0	*
	3564	1835	0.0 - 0.5	31.0 ± 8.0	22.0 ± 3.0	7.0 ± 3.0	29.0 ± 2.0	*
	3565	1775	0.0 - 0.5	< 10.0 ± 0.0	20.0 ± 2.0	< 1.0 ± 0.0	180.0 ± 10.0	*
	3565	1890	0.0 - 0.5	< 11.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	3.6 ± 0.5	
	3570	1285	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.7	< 1.0 ± 0.0	3.4 ± 0.6	
	3575	1870	0.0 - 0.5	< 9.0 ± 0.0	47.0 ± 3.0	< 1.0 ± 0.0	49.0 ± 2.0	*
	3580	1770	0.0 - 0.5	< 10.0 ± 0.0	110.0 ± 10	< 1.0 ± 0.0	540.0 ± 20.0	*
	3583	1778	0.0 - 0.5	29.0 ± 11.0	120.0 ± 10	< 2.0 ± 0.0	590.0 ± 30.0	*
	3585	1545	0.0 - 0.5	20000 ± 2000	< 6.0 ± 0.0	< 8.0 ± 0.0	25.0 ± 1.0	*
	3585	1785	0.0 - 0.5	< 10.0 ± 0.0	65.0 ± 4.0	< 1.0 ± 0.0	83.0 ± 2.0	*
	3590	1355	0.0 - 0.5	< 14.0 ± 0.0	380.0 ± 10	< 1.0 ± 0.0	55.0 ± 2.0	*
	3590	1744	0.0 - 0.5	< 18.0 ± 0.0	140.0 ± 10	< 1.0 ± 0.0	260.0 ± 10.0	*
	3590	1876	0.0 - 0.5	< 12.0 ± 0.0	3.0 ± 0.8	2.0 ± 1.0	2.7 ± 0.6	
	3595	1740	0.0 - 0.5	< 11.0 ± 0.0	46.0 ± 3.0	< 1.0 ± 0.0	87.0 ± 3.0	*
	3595	1745	0.0 - 0.5	< 12.0 ± 0.0	170.0 ± 10	< 1.0 ± 0.0	110.0 ± 10.0	*
	3600	1300	0.0 - 0.5	< 10.0 ± 0.0	3.2 ± 0.9	1.0 ± 1.0	4.2 ± 0.7	
	3600	1350	0.0 - 0.5	< 10.0 ± 0.0	< 0.2 ± 0.0	< 0.3 ± 0.0	2.3 ± 0.4	
B16 R147	3600	1400	0.0 - 0.5	< 9.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	14.0 ± 1.0	*
	3600	1450	0.0 - 0.5	< 9.0 ± 0.0	1.9 ± 0.8	< 0.7 ± 0.0	7.9 ± 1.1	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3600	1500	0.0 - 0.5	< 7.0 ± 0.0	3.0 ± 1.0	2.3 ± 0.9	6.0 ± 1.0	S
	3600	1550	0.0 - 0.5	< 9.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	8.7 ± 0.7	*
	3600	1600	0.0 - 0.5	< 8.0 ± 0.0	2.9 ± 0.8	1.6 ± 0.8	12.0 ± 2.0	*
	3600	1650	0.0 - 0.5	< 12.0 ± 0.0	2.1 ± 0.7	1.4 ± 0.7	4.3 ± 0.6	
	3600	1700	0.0 - 0.5	< 8.0 ± 0.0	1.8 ± 0.6	< 0.9 ± 0.0	3.3 ± 0.6	
	3600	1730	0.0 - 0.5	< 14.0 ± 0.0	9.0 ± 2.0	< 2.0 ± 0.0	9.0 ± 0.8	*
	3600	1750	0.0 - 0.5	< 8.0 ± 0.0	3.4 ± 0.9	1.0 ± 0.6	6.0 ± 1.3	
	3600	1800	0.0 - 0.5	< 12.0 ± 0.0	3.0 ± 1.0	1.3 ± 0.8	6.1 ± 0.7	S
	3600	1845	0.0 - 0.5	28.0 ± 6.0	7.0 ± 1.0	2.0 ± 1.0	13.0 ± 1.0	*
	3600	1850	0.0 - 0.5	< 8.0 ± 0.0	1.3 ± 0.6	1.0 ± 0.9	2.4 ± 0.5	
	3600	1900	0.0 - 0.5	< 11.0 ± 0.0	1.7 ± 0.8	2.0 ± 1.0	2.1 ± 0.8	
	3610	1645	0.0 - 0.5	< 11.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	1.7 ± 0.4	
	3610	1740	0.0 - 0.5	< 11.0 ± 0.0	3.0 ± 1.0	2.3 ± 0.9	7.8 ± 0.7	*
	3620	1838	0.0 - 0.5	14.0 ± 5.0	4.0 ± 1.0	1.0 ± 1.0	5.9 ± 1.0	S
	3625	1748	0.0 - 0.5	< 11.0 ± 0.0	15.0 ± 2.0	< 1.0 ± 0.0	160.0 ± 10.0	*
	3625	1780	0.0 - 0.5	< 11.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	7.5 ± 0.8	*
	3627	1760	0.0 - 0.5	< 11.0 ± 0.0	23.0 ± 2.0	< 1.0 ± 0.0	240.0 ± 10.0	*
	3630	1770	0.0 - 0.5	< 10.0 ± 0.0	20.0 ± 2.0	2.0 ± 1.0	120.0 ± 10.0	*
	3650	1550	0.0 - 0.5	< 11.0 ± 0.0	2.6 ± 0.7	1.6 ± 0.9	2.4 ± 0.8	
	3650	1600	0.0 - 0.5	< 8.0 ± 0.0	2.1 ± 0.7	0.8 ± 0.7	6.0 ± 1.1	
	3650	1650	0.0 - 0.5	< 10.0 ± 0.0	2.6 ± 0.7	< 1.0 ± 0.0	7.3 ± 1.3	*
	3650	1700	0.0 - 0.5	< 10.0 ± 0.0	3.0 ± 0.8	1.9 ± 0.9	7.9 ± 1.2	*
	3650	1750	0.0 - 0.5	< 8.0 ± 0.0	2.4 ± 0.9	1.5 ± 0.8	5.9 ± 0.9	S
	3650	1800	0.0 - 0.5	< 14.0 ± 0.0	10.0 ± 2.0	4.0 ± 2.0	9.0 ± 1.3	*
	3650	1850	0.0 - 0.5	< 11.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	4.4 ± 0.9	S
	3650	1900	0.0 - 0.5	< 10.0 ± 0.0	2.2 ± 0.6	< 1.0 ± 0.0	1.8 ± 0.6	
	3653	1710	0.0 - 0.5	< 11.0 ± 0.0	3.0 ± 1.0	2.2 ± 0.9	8.4 ± 0.9	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3730	1570	0.0 - 0.5	< 15.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	2.7 ± 0.5 S
	3750	1750	0.0 - 0.5	< 9.0 ± 0.0	0.8 ± 0.6	2.0 ± 1.0	1.0 ± 0.5
	3760	1550	0.0 - 0.5	7.0 ± 5.0	0.7 ± 0.6	2.0 ± 1.0	1.5 ± 0.3
	3790	1950	0.0 - 0.5	< 5.0 ± 0.0	0.6 ± 0.4	1.0 ± 0.5	1.2 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Table 3-2 Historic Sampling Data
Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R125	2300	1240	0.0 - 1.0	< 5.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0	2.3 ± 0.5
B16 R126	2400	1240	0.0 - 1.0	< 4.0 ± 0.0	0.6 ± 0.4	0.5 ± 0.5	2.0 ± 0.4
B16 R128	2535	1463	0.0 - 1.0	15.0 ± 3.0	3.2 ± 0.5	0.9 ± 0.5	10.0 ± 3.0
B16 R128	2535	1463	1.0 - 3.0	< 17.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	4.5 ± 0.6
B16 R126	2400	1240	2.0 - 3.0	10.0 ± 8.0	6.0 ± 1.0	4.0 ± 2.0	6.8 ± 0.8
B16 R125	2300	1240	3.0 - 4.0	13.0 ± 6.0	4.0 ± 1.0	1.7 ± 0.9	6.8 ± 0.7
B16 R126	2400	1240	7.0 - 8.0	< 12.0 ± 0.0	7.0 ± 2.0	3.0 ± 2.0	11.0 ± 1.0
B16 R125	2300	1240	8.0 - 9.0	< 10.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	3.3 ± 0.5
B16 R128	2535	1463	8.0 - 9.0	< 16.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	3.4 ± 0.5
B16 R128	2535	1463	15.0 - 16.5	< 7.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	1.1 ± 0.8
B16C41	0	0	16.0 - 18.0	-a-	-a-	-a-	-a-
	1027	1036	1.0 - 2.0	< 8.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.2 ± 0.3
	1033	1480	1.0 - 2.0	< 8.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	2.0 ± 0.9
	1042	1850	1.0 - 2.0	< 5.0 ± 0.0	< 1.0 ± 0.0	0.9 ± 0.5	1.2 ± 0.8
	1050	2230	1.0 - 2.0	< 8.0 ± 0.0	1.5 ± 0.7	1.0 ± 1.0	2.9 ± 0.5
B16 W01S	1080	2076	0.5 - 2.0	< 15.0 ± 0.0	2.0 ± 1.0	1.0 ± 1.0	1.0 ± 0.3
B16 W01S	1080	2076	4.0 - 6.0	< 14.0 ± 0.0	3.0 ± 1.0	2.0 ± 2.0	0.7 ± 0.3
B16 W01S	1080	2076	8.0 - 9.0	< 11.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	1.9 ± 0.6
B16 C152	1112	1196	0.0 - 2.0	< 7.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.3 ± 0.4
B16 C152	1112	1196	4.0 - 6.0	10.0 ± 7.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.3 ± 0.4
B16 C152	1112	1196	6.0 - 8.0	< 6.0 ± 0.0	< 1.0 ± 0.0	1.9 ± 0.9	1.2 ± 0.6
B16 C153	1130	1029	0.0 - 2.0	< 9.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 1.0	2.2 ± 0.8
B16 C153	1130	1029	4.0 - 6.0	< 9.0 ± 0.0	1.3 ± 0.7	< 1.0 ± 0.0	1.4 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R124	1165	1285	0.0 - 2.0	< 8.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	4.4 ± 0.6	
B16 R124	1165	1285	2.0 - 4.0	< 11.0 ± 0.0	1.4 ± 0.4	< 0.6 ± 0.0	2.7 ± 1.4	
B16 R124	1165	1285	4.0 - 6.0	< 6.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.4	2.1 ± 1.2	
B16 C058	1179	1180	0.5 - 2.0	20.0 ± 18.0	14.0 ± 2.0	4.0 ± 2.0	7.2 ± 1.0	S
B16 C058	1179	1180	2.0 - 3.0	< 27.0 ± 0.0	5.0 ± 2.0	5.0 ± 2.0	1.4 ± 0.4	
B16 C058	1179	1180	4.0 - 5.0	< 20.0 ± 0.0	< 1.0 ± 0.0	3.0 ± 2.0	1.7 ± 0.9	
B16 R043	1218	1238	0.5 - 2.0	10.0 ± 6.0	3.0 ± 1.0	1.0 ± 1.0	4.6 ± 0.6	
B16 R043	1218	1238	2.0 - 3.0	< 22.0 ± 0.0	11.0 ± 2.0	4.0 ± 2.0	5.3 ± 1.4	
B16 R043	1218	1238	3.0 - 4.0	< 9.0 ± 0.0	2.0 ± 1.0	1.0 ± 1.0	3.1 ± 0.7	
B16 C060	1223	1080	0.5 - 2.0	24.0 ± 10.0	3.0 ± 1.0	7.0 ± 2.0	2.5 ± 0.8	
B16 C060	1223	1080	2.0 - 4.0	18.0 ± 9.0	2.2 ± 0.8	< 3.0 ± 0.0	1.7 ± 0.5	
B16 C060	1223	1080	4.0 - 6.0	< 37.0 ± 0.0	6.0 ± 2.0	6.0 ± 2.0	1.5 ± 0.6	
B16 C060	1223	1080	7.0 - 8.0	< 5.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	-a-	
B16 C060	1223	1080	9.0 - 10.0	< 2.0 ± 0.0	1.5 ± 0.8	2.0 ± 1.0	-a-	
B16 C060	1223	1080	11.0 - 12.0	< 3.0 ± 0.0	1.5 ± 0.6	1.4 ± 0.6	-a-	
B16 R042	1234	1313	0.5 - 2.0	< 6.0 ± 0.0	1.6 ± 0.6	0.9 ± 0.8	1.5 ± 0.4	
B16 R042	1234	1313	3.0 - 4.0	< 17.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	1.0 ± 0.4	
B16 W04S	1313	1089	0.0 - 1.0	370.0 ± 30.0	16.0 ± 2.0	4.0 ± 2.0	31.0 ± 2.0	*
B16 W04S	1313	1089	2.0 - 3.0	45.0 ± 16.0	5.0 ± 1.0	< 2.0 ± 0.0	4.8 ± 0.6	S
B16 W04S	1313	1089	5.0 - 6.0	< 11.0 ± 0.0	1.9 ± 0.9	1.0 ± 0.9	1.9 ± 0.5	
B16 W04S	1313	1089	11.0 - 12.0	< 10.0 ± 0.0	2.2 ± 0.9	2.0 ± 1.0	2.0 ± 0.5	
B16 R044	1325	1040	0.0 - 1.0	< 10.0 ± 0.0	7.0 ± 1.0	3.0 ± 1.0	7.6 ± 0.9	
B16 R044	1325	1040	1.0 - 2.0	< 12.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	3.0 ± 0.6	
B16 R044	1325	1040	3.0 - 4.0	< 10.0 ± 0.0	2.4 ± 0.9	3.0 ± 1.0	2.6 ± 0.5	
B16 R041	1327	1495	0.0 - 1.0	< 3.0 ± 0.0	0.7 ± 0.3	< 0.5 ± 0.0	0.5 ± 0.2	
B16 R041	1327	1495	1.0 - 2.0	< 32.0 ± 0.0	9.0 ± 2.0	4.0 ± 2.0	4.2 ± 1.1	
B16 R041	1327	1495	2.0 - 4.0	< 14.0 ± 0.0	5.0 ± 1.0	2.0 ± 2.0	3.1 ± 0.5	
B16 R041	1327	1495	4.0 - 5.0	< 19.0 ± 0.0	4.0 ± 1.0	< 3.0 ± 0.0	1.8 ± 0.4	
B16 C057	1330	1260	0.0 - 1.0	15.0 ± 6.0	2.5 ± 0.8	< 1.0 ± 0.0	8.9 ± 0.9	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C057	1330	1260	1.0 - 2.0	< 25.0 ± 0.0	5.0 ± 2.0	5.0 ± 2.0	3.4 ± 0.5	
B16 C057	1330	1260	4.0 - 5.0	< 22.0 ± 0.0	5.0 ± 2.0	2.0 ± 2.0	2.5 ± 0.8	
B16 C057	1330	1260	9.0 - 10.0	< 10.0 ± 0.0	2.0 ± 1.0	3.0 ± 7.0	1.3 ± 0.4	
B16 C059	1337	1135	0.0 - 2.0	58.0 ± 20.0	8.0 ± 2.0	4.0 ± 2.0	16.0 ± 2.0	*
B16 C059	1337	1135	4.0 - 5.0	< 18.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	1.2 ± 0.8	
B16 C059	1337	1135	6.0 - 7.0	< 24.0 ± 0.0	6.0 ± 2.0	3.0 ± 1.0	1.2 ± 0.4	
B16 C151	1340	1342	0.5 - 2.0	< 6.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	6.8 ± 2.1	
B16 C151	1340	1342	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.5	< 0.5 ± 0.0	1.9 ± 1.3	
B16 C151	1340	1342	10.0 - 12.0	35.0 ± 8.0	2.0 ± 1.0	2.0 ± 1.0	2.1 ± 1.2	
B16 C100	1399	2192	0.5 - 2.0	60.0 ± 15.0	< 2.0 ± 0.0	2.0 ± 2.0	9.8 ± 2.5	*
B16 C100	1399	2192	3.0 - 3.5	3.0 ± 2.0	1.2 ± 0.4	1.5 ± 0.6	1.7 ± 1.2	
B16 C100	1399	2192	6.0 - 7.0	< 5.0 ± 0.0	< 0.4 ± 0.0	< 0.4 ± 0.0	2.2 ± 1.3	
B16 C100	1399	2192	8.0 - 9.5	< 7.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	2.7 ± 1.4	
B16 R121	1410	1387	0.5 - 2.0	170.0 ± 20.0	9.0 ± 3.0	< 2.0 ± 0.0	250.0 ± 10.0	*
B16 R121	1410	1387	2.0 - 4.0	23.0 ± 5.0	2.9 ± 0.5	2.0 ± 1.0	11.0 ± 3.0	S
B16 R121	1410	1387	4.0 - 5.0	10.0 ± 7.0	2.0 ± 1.0	< 5.0 ± 0.0	3.0 ± 1.5	
B16 R121	1410	1387	5.0 - 6.0	6.0 ± 4.0	1.4 ± 0.5	1.3 ± 0.7	2.2 ± 1.3	
B16 R121	1410	1387	6.0 - 7.0	7.0 ± 3.0	1.5 ± 0.4	0.7 ± 0.4	4.4 ± 1.7	
B16 R121	1410	1387	11.0 - 12.0	< 4.0 ± 0.0	1.1 ± 0.6	< 1.0 ± 0.0	< 0.5 ± 0.0	
B16 R132	1412	1950	0.0 - 2.0	< 8.0 ± 0.0	2.6 ± 0.9	< 1.0 ± 0.0	9.0 ± 2.4	
B16 R132	1412	1950	2.0 - 4.0	5.0 ± 2.0	1.9 ± 0.4	1.0 ± 0.5	4.6 ± 1.8	
B16 R132	1412	1950	4.0 - 6.0	5.0 ± 3.0	1.4 ± 0.5	< 0.8 ± 0.0	2.2 ± 1.3	
B16 R132	1412	1950	6.0 - 8.0	< 6.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	3.4 ± 1.5	
B16 R132	1412	1950	13.0 - 14.0	< 4.0 ± 0.0	1.5 ± 0.5	0.7 ± 0.4	< 0.7 ± 0.0	
B16 C102	1420	2130	0.5 - 2.0	< 15.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	1.5 ± 0.4	
B16 C102	1420	2130	4.0 - 5.0	< 13.0 ± 0.0	2.4 ± 0.5	< 1.0 ± 0.0	1.4 ± 1.1	
B16 C102	1420	2130	7.0 - 7.5	< 7.0 ± 0.0	2.0 ± 0.7	2.0 ± 2.0	1.6 ± 0.5	
B16 R127	1425	1065	0.0 - 2.0	< 6.0 ± 0.0	0.8 ± 0.8	1.1 ± 0.5	6.8 ± 2.1	
B16 R127	1425	1065	2.0 - 3.0	< 8.0 ± 0.0	2.9 ± 0.8	2.1 ± 0.7	2.2 ± 1.3	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R127	1425	1065	4.0 - 6.0	< 4.0 ± 0.0	1.4 ± 0.4	0.6 ± 0.5	< 1.0 ± 0.0	
B16 R127	1425	1065	6.0 - 7.0	< 4.0 ± 0.0	1.7 ± 0.4	0.5 ± 0.5	1.3 ± 0.9	
B16 R127	1425	1065	13.0 - 14.0	< 6.0 ± 0.0	1.1 ± 0.7	1.3 ± 0.5	0.8 ± 0.7	
B16 R004	1434	2048	0.5 - 2.0	< 12.0 ± 0.0	2.0 ± 1.0	1.0 ± 1.0	2.1 ± 0.4	
B16 R004	1434	2048	4.0 - 5.0	< 7.0 ± 0.0	1.2 ± 0.7	< 1.0 ± 0.0	1.7 ± 0.6	
B16 R004	1434	2048	6.0 - 7.0	< 12.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	2.0 ± 0.4	
B16 R100	1460	2300	1.0 - 1.5	< 6.0 ± 0.0	0.7 ± 0.4	0.8 ± 0.7	1.9 ± 0.7	
B16 R100	1460	2300	2.0 - 3.0	< 7.0 ± 0.0	1.9 ± 0.8	< 1.0 ± 0.0	1.0 ± 0.6	
B16 R100	1460	2300	7.0 - 8.0	< 8.0 ± 0.0	1.2 ± 0.8	< 1.0 ± 0.0	1.2 ± 0.5	
B16 R001	1470	2137	0.5 - 2.0	< 9.0 ± 0.0	1.7 ± 0.7	< 1.0 ± 0.0	1.2 ± 0.3	
B16 R001	1470	2137	4.0 - 5.0	< 16.0 ± 0.0	1.7 ± 0.8	3.0 ± 1.0	1.7 ± 0.3	
B16 C105	1480	2100	0.5 - 2.0	< 3.0 ± 0.0	1.6 ± 0.5	1.4 ± 0.6	1.8 ± 1.1	
B16 C105	1480	2100	4.0 - 6.0	< 8.0 ± 0.0	1.1 ± 0.7	1.8 ± 0.5	< 0.7 ± 0.0	
B16 C105	1480	2100	8.0 - 10.0	< 3.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.3 ± 0.9	
B16 R003	1490	2047	0.5 - 2.0	< 11.0 ± 0.0	3.0 ± 0.9	2.0 ± 1.0	2.5 ± 0.5	
B16 R003	1490	2047	2.0 - 4.0	< 12.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	2.9 ± 0.6	
B16 R003	1490	2047	4.0 - 6.0	< 39.0 ± 0.0	46.0 ± 5.0	6.0 ± 2.0	230.0 ± 10.0	*
B16 R003	1490	2047	6.0 - 7.0	< 13.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	18.0 ± 1.0	*
B16 R003	1490	2047	7.0 - 8.0	< 4.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	2.5 ± 0.5	
B16 C106	1495	1955	0.5 - 2.0	< 13.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	2.8 ± 0.6	
B16 C106	1495	1955	4.0 - 6.0	< 10.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	2.5 ± 0.6	
B16 C106	1495	1955	9.0 - 10.0	< 18.0 ± 0.0	2.0 ± 1.0	1.5 ± 0.5	1.0 ± 1.0	
B16 C106	1495	1955	12.0 - 13.5	< 18.0 ± 0.0	< 1.0 ± 0.0	< 2.0 ± 0.0	1.6 ± 0.4	
B16 C001	1507	2108	0.5 - 2.0	42.0 ± 20.0	15.0 ± 3.0	< 2.0 ± 0.0	19.0 ± 1.0	*
B16 C001	1507	2108	3.0 - 4.0	< 23.0 ± 0.0	4.0 ± 2.0	< 2.0 ± 0.0	1.3 ± 0.3	
B16 C002	1521	2065	0.5 - 2.0	160.0 ± 40.0	61.0 ± 6.0	< 3.0 ± 0.0	91.0 ± 3.0	*
B16 C002	1521	2065	8.0 - 9.0	310.0 ± 30.0	3.0 ± 1.0	2.0 ± 1.0	8.4 ± 1.3	*
B16 C002	1521	2065	9.0 - 10.0	73.0 ± 20.0	2.0 ± 1.0	3.0 ± 2.0	3.2 ± 0.6	*
B16 C103	1535	2133	0.5 - 2.0	6.0 ± 3.0	2.8 ± 0.5	< 1.0 ± 0.0	1.4 ± 1.0	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 C103	1535	2133	2.0 - 3.0	< 4.0 ± 0.0	1.8 ± 0.5	< 0.8 ± 0.0	2.0 ± 1.3
B16 C103	1535	2133	3.0 - 4.0	< 4.0 ± 0.0	1.0 ± 0.4	1.0 ± 0.5	1.5 ± 1.2
B16 C103	1535	2133	4.0 - 6.0	< 4.5 ± 0.0	2.0 ± 1.3	3.1 ± 1.4	1.1 ± 0.9
B16 C103	1535	2133	6.0 - 7.0	< 11.0 ± 0.0	1.3 ± 0.5	< 0.7 ± 0.0	2.7 ± 1.4
B16 C103	1535	2133	7.0 - 8.0	< 6.0 ± 0.0	1.5 ± 0.4	1.3 ± 0.7	0.8 ± 0.7
B16 W02S	1536	2111	1.0 - 2.0	< 10.0 ± 0.0	2.3 ± 0.9	2.0 ± 1.0	1.2 ± 0.4
B16 W02S	1536	2111	3.0 - 4.0	< 12.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	2.4 ± 0.5
B16 W02S	1536	2111	8.0 - 9.0	< 14.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	1.6 ± 0.4
B16 C101	1545	2216	0.0 - 1.0	2.0 ± 2.0	2.3 ± 0.3	1.2 ± 0.2	1.5 ± 1.2
B16 C101	1545	2216	1.0 - 2.0	< 8.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	3.2 ± 0.6
B16 C101	1545	2216	4.0 - 6.0	< 6.0 ± 0.0	1.0 ± 0.4	1.2 ± 0.5	1.7 ± 1.2
B16 C101	1545	2216	11.0 - 12.0	< 16.0 ± 0.0	< 2.0 ± 0.0	< 3.0 ± 0.0	1.6 ± 0.4
B16 C101	1545	2216	16.0 - 18.0	< 12.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.7 ± 0.4
B16 C003	1547	2088	0.5 - 2.0	< 21.0 ± 0.0	3.0 ± 2.0	4.0 ± 2.0	1.6 ± 0.7
B16 C003	1547	2088	2.0 - 4.0	< 12.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	2.5 ± 0.6
B16 C003	1547	2088	4.0 - 6.0	< 18.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	1.7 ± 0.5
B16 R005	1548	1817	0.5 - 2.0	< 7.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	1.5 ± 0.4
B16 R005	1548	1817	4.0 - 5.0	< 13.0 ± 0.0	1.0 ± 1.0	< 2.0 ± 0.0	2.0 ± 0.4
B16 C004	1550	2038	0.0 - 1.0	< 4.0 ± 0.0	1.0 ± 0.3	< 0.5 ± 0.0	0.4 ± 0.2
B16 C004	1550	2038	1.0 - 2.0	< 22.0 ± 0.0	6.0 ± 2.0	< 3.0 ± 0.0	1.7 ± 0.5
B16 C004	1550	2038	3.0 - 4.0	< 15.0 ± 0.0	5.0 ± 1.0	4.0 ± 1.0	6.2 ± 1.3
B16 C004	1550	2038	4.0 - 6.0	< 11.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	6.7 ± 1.6
B16 C016	1553	1550	0.5 - 2.0	< 9.0 ± 0.0	1.7 ± 0.9	1.1 ± 0.9	2.8 ± 0.5
B16 C016	1553	1550	6.5 - 8.5	< 9.0 ± 0.0	3.0 ± 1.0	1.0 ± 1.0	2.6 ± 0.4
B16 C015	1557	1616	0.5 - 2.0	< 12.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	1.2 ± 0.4
B16 C015	1557	1616	9.0 - 10.0	< 15.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	4.3 ± 1.4
B16 R107	1565	1347	0.5 - 2.0	21.0 ± 8.0	2.0 ± 1.0	1.7 ± 0.9	8.5 ± 2.4
B16 R107	1565	1347	2.0 - 4.0	< 3.0 ± 0.0	1.6 ± 0.4	< 0.5 ± 0.0	2.8 ± 1.5
B16 R107	1565	1347	6.0 - 8.0	3.0 ± 3.0	1.5 ± 0.3	0.5 ± 0.4	3.5 ± 1.6

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R107	1565	1347	10.0 - 11.0	< 4.0 ± 0.0	1.0 ± 0.5	0.9 ± 0.6	1.0 ± 0.8	
B16 R107	1565	1347	17.0 - 18.0	< 5.0 ± 0.0	2.2 ± 0.8	1.0 ± 1.0	< 0.7 ± 0.0	
B16 R002	1573	1710	0.5 - 1.0	< 13.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	1.3 ± 0.7	
B16 R002	1573	1710	2.0 - 3.0	< 9.0 ± 0.0	2.1 ± 0.7	1.0 ± 1.0	1.3 ± 0.4	
B16 R002	1573	1710	7.0 - 8.0	< 13.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.3 ± 0.4	
B16 R101	1583	2278	0.5 - 2.0	< 4.0 ± 0.0	0.8 ± 0.5	1.8 ± 0.8	1.3 ± 0.3	
B16 R101	1583	2278	4.0 - 5.0	< 4.0 ± 0.0	< 0.4 ± 0.0	< 0.4 ± 0.0	< 0.8 ± 0.0	
B16 R101	1583	2278	7.0 - 8.0	< 9.0 ± 0.0	< 1.0 ± 0.0	< 2.0 ± 0.0	1.6 ± 0.4	
B16 C115	1590	1671	0.5 - 1.0	< 10.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.6 ± 0.4	
B16 C115	1590	1671	4.0 - 5.0	< 5.0 ± 0.0	1.5 ± 0.5	2.2 ± 0.7	1.0 ± 0.3	
B16 C115	1590	1671	10.0 - 11.0	< 5.0 ± 0.0	0.9 ± 0.4	3.0 ± 1.0	1.2 ± 0.3	
B16 C112	1600	1743	0.5 - 1.5	38.0 ± 13.0	0.9 ± 0.8	< 1.0 ± 0.0	5.1 ± 1.3	
B16 C112	1600	1743	1.5 - 2.5	14.0 ± 3.0	0.6 ± 0.3	< 0.3 ± 0.0	1.9 ± 1.3	
B16 C112	1600	1743	4.0 - 6.0	< 10.0 ± 0.0	1.2 ± 0.4	1.3 ± 0.4	1.9 ± 1.3	
B16 C112	1600	1743	7.0 - 8.0	< 6.0 ± 0.0	0.9 ± 0.4	< 0.5 ± 0.0	1.5 ± 1.2	
B16 C112	1600	1743	10.0 - 11.0	< 11.0 ± 0.0	1.2 ± 0.8	< 1.0 ± 0.0	1.9 ± 0.4	
B16 C112	1600	1743	16.0 - 17.0	< 2.0 ± 0.0	1.0 ± 0.3	< 0.7 ± 0.0	2.0 ± 1.3	
B16 C112	1600	1743	23.0 - 24.0	< 16.0 ± 0.0	1.0 ± 0.5	1.6 ± 0.7	1.9 ± 1.3	
B16 C112	1600	1743	29.0 - 30.0	< 9.0 ± 0.0	1.7 ± 0.8	2.4 ± 0.9	1.1 ± 0.3	
B16 R106	1616	1438	0.5 - 2.0	< 11.0 ± 0.0	5.0 ± 2.0	3.0 ± 2.0	17.0 ± 3.0	*
B16 R106	1616	1438	6.0 - 8.0	23.0 ± 14.0	5.0 ± 2.0	< 3.0 ± 0.0	7.8 ± 2.3	
B16 R106	1616	1438	10.0 - 11.5	< 6.0 ± 0.0	1.5 ± 0.4	1.6 ± 0.4	2.7 ± 1.4	
B16 R106	1616	1438	14.0 - 15.0	< 5.0 ± 0.0	1.3 ± 0.4	< 0.5 ± 0.0	< 1.0 ± 0.0	
B16 R106	1616	1438	15.0 - 16.0	< 8.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	1.3 ± 0.9	
B16 C012	1636	1601	0.5 - 1.0	1200 ± 100.0	5.0 ± 2.0	< 2.0 ± 0.0	7.9 ± 1.0	*
B16 C012	1636	1601	1.0 - 2.0	340.0 ± 50.0	2.0 ± 1.0	5.0 ± 2.0	2.0 ± 0.7	*
B16 C012	1636	1601	2.0 - 3.0	2100 ± 300.0	7.0 ± 2.0	< 2.0 ± 0.0	12.0 ± 1.0	*
B16 C012	1636	1601	4.0 - 6.0	53.0 ± 15.0	2.0 ± 1.0	< 1.0 ± 0.0	-a-	*
B16 C012	1636	1601	8.0 - 9.0	21.0 ± 11.0	4.0 ± 1.0	3.0 ± 1.0	-a-	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C012	1636	1601	11.0 - 12.0	< 4.0 ± 0.0	2.6 ± 0.8	2.0 ± 1.0	-a-	
B16 C119	1640	1350	2.0 - 4.0	< 9.0 ± 0.0	4.0 ± 2.0	2.0 ± 1.0	4.9 ± 1.8	
B16 C119	1640	1350	4.0 - 6.0	< 12.0 ± 0.0	2.9 ± 0.6	2.3 ± 0.7	1.4 ± 1.1	
B16 C119	1640	1350	6.0 - 8.0	< 3.0 ± 0.0	1.4 ± 0.5	1.4 ± 0.7	< 0.6 ± 0.0	
B16 C119	1640	1350	10.5 - 12.5	< 4.0 ± 0.0	0.7 ± 0.3	0.5 ± 0.4	< 0.9 ± 0.0	
B16 C119	1640	1350	12.5 - 14.5	< 13.0 ± 0.0	5.0 ± 2.0	3.0 ± 2.0	7.0 ± 2.2	
B16 C119	1640	1350	14.5 - 16.5	< 14.0 ± 0.0	1.5 ± 0.4	1.0 ± 0.5	< 0.9 ± 0.0	
B16 C119	1640	1350	16.5 - 18.5	< 6.0 ± 0.0	0.9 ± 0.4	< 0.8 ± 0.0	2.4 ± 1.4	
B16 C119	1640	1350	18.5 - 20.5	< 5.0 ± 0.0	2.0 ± 0.8	3.0 ± 1.0	1.6 ± 1.0	
B16 C011	1645	1650	0.5 - 2.0	6300 ± 800.0	500.0 ± 50	< 2.0 ± 0.0	6600 ± 100.0	*
B16 C011	1645	1650	4.0 - 5.0	14000 ± 2000	18.0 ± 5.0	< 2.0 ± 0.0	120.0 ± 10.0	*
B16 C011	1645	1650	5.0 - 6.0	33000 ± 6000	19.0 ± 8.0	< 7.0 ± 0.0	510.0 ± 10.0	*
B16 C011	1645	1650	8.0 - 9.0	28000 ± 3000	10.0 ± 7.0	< 6.0 ± 0.0	80.0 ± 4.0	*
B16 C011	1645	1650	9.0 - 10.0	13000 ± 2000	5.0 ± 4.0	< 3.0 ± 0.0	5.8 ± 0.8	*
B16 C011	1645	1650	10.5 - 11.0	4700 ± 500.0	8.0 ± 2.0	4.0 ± 2.0	70.0 ± 4.0	*
B16 C011	1645	1650	11.0 - 12.0	920.0 ± 70.0	3.0 ± 2.0	3.0 ± 2.0	34.0 ± 2.0	*
B16 C011	1645	1650	12.0 - 13.0	150.0 ± 30.0	1.8 ± 0.8	5.0 ± 1.0	20.0 ± 1.0	*
B16 C011	1645	1650	13.0 - 14.0	2200 ± 200.0	4.0 ± 2.0	3.0 ± 2.0	59.0 ± 2.0	*
B16 C011	1645	1650	14.0 - 16.0	530.0 ± 50.0	4.0 ± 1.0	4.0 ± 2.0	26.0 ± 2.0	*
B16 C011	1645	1650	16.0 - 17.0	6000 ± 1800	9.0 ± 2.0	9.0 ± 3.0	140.0 ± 10.0	*
B16 C011	1645	1650	17.0 - 18.0	210.0 ± 20.0	0.7 ± 0.7	2.0 ± 0.9	7.3 ± 1.3	*
B16 C011	1645	1650	18.0 - 20.0	1200 ± 100.0	4.0 ± 2.0	5.0 ± 2.0	92.0 ± 3.0	*
B16 C010	1646	1708	0.5 - 1.0	160.0 ± 30.0	5.0 ± 2.0	5.0 ± 2.0	2.6 ± 0.9	*
B16 C010	1646	1708	2.0 - 3.0	18.0 ± 10.0	2.4 ± 0.8	2.0 ± 1.0	1.4 ± 0.6	
B16 C010	1646	1708	4.0 - 5.0	35.0 ± 13.0	1.0 ± 1.0	3.0 ± 1.0	1.1 ± 0.3	
B16 R010	1657	1545	0.5 - 2.0	< 8.0 ± 0.0	1.5 ± 0.5	1.1 ± 0.5	1.6 ± 0.7	
B16 R010	1657	1545	3.0 - 4.0	< 7.0 ± 0.0	3.0 ± 1.0	1.0 ± 1.0	1.3 ± 0.4	
B16 R010	1657	1545	13.0 - 14.0	< 15.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	1.6 ± 1.0	
B16 R006	1661	1750	0.5 - 1.0	< 7.0 ± 0.0	2.0 ± 0.7	1.5 ± 0.8	1.0 ± 0.3	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R006	1661	1750	4.0 - 6.0	< 5.0 ± 0.0	1.8 ± 0.6	1.1 ± 0.7	1.6 ± 0.6	
B16 R006	1661	1750	7.0 - 8.0	< 9.0 ± 0.0	2.2 ± 0.9	3.0 ± 1.0	1.5 ± 0.4	
B16 C118	1665	1420	0.5 - 2.0	< 30.0 ± 0.0	150.0 ± 10	8.0 ± 6.0	55.0 ± 6.0	*
B16 C118	1665	1420	2.0 - 3.0	< 4.0 ± 0.0	4.5 ± 0.7	< 0.9 ± 0.0	4.0 ± 1.7	
B16 C118	1665	1420	3.0 - 4.0	< 8.0 ± 0.0	1.2 ± 0.6	2.3 ± 0.7	5.6 ± 2.0	
B16 C118	1665	1420	4.0 - 6.0	< 7.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	4.7 ± 1.8	
B16 C118	1665	1420	10.0 - 12.0	< 16.0 ± 0.0	1.7 ± 0.6	1.9 ± 0.7	2.4 ± 1.4	
B16 C118	1665	1420	15.0 - 16.0	< 4.0 ± 0.0	1.9 ± 0.9	2.0 ± 1.0	1.8 ± 1.1	
B16 C009	1674	1664	0.5 - 1.0	9300 ± 1100	< 1.0 ± 0.0	< 2.0 ± 0.0	16.0 ± 1.0	*
B16 C009	1674	1664	10.0 - 12.0	6100 ± 500.0	4.0 ± 4.0	< 2.0 ± 0.0	6.7 ± 0.7	*
B16 C009	1674	1664	16.0 - 17.0	32.0 ± 12.0	1.3 ± 0.9	2.0 ± 1.0	1.5 ± 0.3	
B16 C009	1674	1664	17.0 - 18.0	140.0 ± 20.0	1.4 ± 0.8	1.7 ± 0.9	1.8 ± 0.4	*
B16 C114	1675	1675	1.0 - 2.0	46.0 ± 7.0	2.9 ± 0.9	< 1.0 ± 0.0	6.8 ± 2.1	S
B16 C114	1675	1675	4.0 - 6.0	70.0 ± 7.0	< 1.0 ± 0.0	1.8 ± 0.8	3.9 ± 1.6	*
B16 C114	1675	1675	7.0 - 8.0	540.0 ± 20.0	< 2.0 ± 0.0	< 2.0 ± 0.0	38.0 ± 5.0	*
B16 R103	1675	1900	1.0 - 2.0	< 10.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	5.2 ± 0.7	
B16 R103	1675	1900	3.0 - 5.0	< 8.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	4.1 ± 1.6	
B16 R103	1675	1900	9.0 - 10.0	< 9.0 ± 0.0	1.8 ± 0.7	1.8 ± 0.8	< 0.7 ± 0.0	
B16 R103	1675	1900	12.0 - 13.0	< 4.0 ± 0.0	1.9 ± 0.6	2.0 ± 1.0	0.8 ± 0.7	
B16 C008	1678	1694	1.0 - 2.0	690.0 ± 70.0	8.0 ± 2.0	2.0 ± 2.0	3.7 ± 0.5	*
B16 C008	1678	1694	4.0 - 6.0	340.0 ± 30.0	3.0 ± 1.0	4.0 ± 2.0	1.7 ± 0.4	*
B16 C008	1678	1694	9.0 - 10.0	29.0 ± 19.0	3.0 ± 1.0	3.0 ± 2.0	1.2 ± 0.3	
B16 C008	1678	1694	10.0 - 11.0	41.0 ± 14.0	2.0 ± 1.0	2.0 ± 2.0	1.5 ± 0.4	
B16 C008	1678	1694	13.0 - 14.0	< 15.0 ± 0.0	1.9 ± 0.9	3.0 ± 1.0	1.3 ± 0.3	
B16 C113	1678	1719	0.5 - 2.0	25.0 ± 13.0	4.0 ± 1.0	2.0 ± 1.0	5.6 ± 0.8	
B16 C113	1678	1719	4.0 - 5.0	< 6.0 ± 0.0	0.7 ± 0.3	< 0.4 ± 0.0	1.5 ± 1.2	
B16 C113	1678	1719	7.0 - 8.0	98.0 ± 16.0	0.9 ± 0.7	< 1.0 ± 0.0	1.0 ± 0.4	*
B16 C113	1678	1719	8.0 - 9.0	15.0 ± 4.0	1.7 ± 0.4	1.7 ± 0.6	1.7 ± 1.2	
B16 C113	1678	1719	9.0 - 10.0	4.0 ± 4.0	1.3 ± 0.7	1.4 ± 0.6	1.7 ± 1.2	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C113	1678	1719	10.0 - 12.0	< 6.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 0.5	
B16 R008	1683	1634	0.5 - 2.0	210.0 ± 30.0	3.0 ± 1.0	2.0 ± 1.0	59.0 ± 2.0	*
B16 R008	1683	1634	8.0 - 10.0	5800 ± 900.0	5.0 ± 2.0	4.0 ± 2.0	5.9 ± 0.7	*
B16 R008	1683	1634	14.0 - 15.0	830.0 ± 60.0	2.0 ± 2.0	6.0 ± 3.0	1.8 ± 0.4	*
B16 R008	1683	1634	17.0 - 19.0	260.0 ± 60.0	4.0 ± 1.0	2.0 ± 2.0	1.0 ± 0.4	*
B16 R008	1683	1634	21.0 - 22.0	240.0 ± 30.0	3.0 ± 1.0	2.0 ± 1.0	1.2 ± 0.3	*
B16 R008	1683	1634	22.0 - 23.0	48.0 ± 14.0	1.1 ± 0.8	2.0 ± 1.0	0.9 ± 0.3	S
B16 C117	1700	1590	0.5 - 2.0	< 14.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.8 ± 0.4	
B16 C117	1700	1590	3.0 - 4.0	22.0 ± 9.0	< 3.0 ± 0.0	< 8.0 ± 0.0	1.5 ± 1.2	
B16 C117	1700	1590	6.0 - 7.0	52.0 ± 8.0	1.0 ± 1.0	< 6.0 ± 0.0	3.5 ± 1.6	*
B16 C117	1700	1590	8.0 - 10.0	110.0 ± 20.0	1.5 ± 0.7	< 1.0 ± 0.0	1.5 ± 0.3	*
B16 C117	1700	1590	12.0 - 14.0	< 9.0 ± 0.0	1.2 ± 0.7	1.6 ± 0.9	1.2 ± 0.5	
B16 C007	1705	1750	0.5 - 2.0	< 10.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	2.1 ± 0.8	
B16 C007	1705	1750	3.0 - 4.0	< 17.0 ± 0.0	7.0 ± 2.0	3.0 ± 2.0	2.6 ± 0.5	
B16 C007	1705	1750	11.0 - 12.0	< 7.0 ± 0.0	1.2 ± 0.7	< 1.0 ± 0.0	1.4 ± 0.4	
B16 C107	1708	1845	0.5 - 2.0	< 16.0 ± 0.0	2.0 ± 2.0	3.0 ± 2.0	2.6 ± 0.5	
B16 C107	1708	1845	5.0 - 6.0	< 16.0 ± 0.0	2.0 ± 1.0	< 3.0 ± 0.0	2.0 ± 0.4	
B16 C107	1708	1845	11.0 - 12.0	< 15.0 ± 0.0	2.0 ± 1.0	< 3.0 ± 0.0	1.2 ± 0.3	
B16 R007	1713	1640	0.5 - 1.0	< 14.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	5.4 ± 0.7	
B16 R007	1713	1640	1.0 - 2.0	59.0 ± 16.0	4.0 ± 1.0	5.0 ± 2.0	1.7 ± 0.4	*
B16 R007	1713	1640	2.0 - 3.0	210.0 ± 30.0	9.0 ± 2.0	5.0 ± 2.0	4.1 ± 0.6	*
B16 R007	1713	1640	3.0 - 4.0	95.0 ± 21.0	4.0 ± 1.0	3.0 ± 2.0	1.8 ± 0.4	*
B16 R007	1713	1640	4.0 - 6.0	56.0 ± 14.0	2.4 ± 0.9	< 1.0 ± 0.0	1.4 ± 0.3	*
B16 R007	1713	1640	6.0 - 8.0	3400 ± 600.0	2.0 ± 2.0	3.0 ± 2.0	3.4 ± 0.5	*
B16 R007	1713	1640	8.0 - 10.0	4400 ± 400.0	3.0 ± 3.0	< 3.0 ± 0.0	3.8 ± 0.7	*
B16 R007	1713	1640	10.0 - 11.0	4900 ± 500.0	3.0 ± 2.0	< 2.0 ± 0.0	3.4 ± 0.6	*
B16 R007	1713	1640	11.0 - 12.0	180.0 ± 20.0	2.0 ± 0.8	2.0 ± 1.0	1.7 ± 0.4	*
B16 R007	1713	1640	12.0 - 13.0	1200 ± 100.0	< 1.0 ± 0.0	2.0 ± 1.0	1.5 ± 0.3	*
B16 R007	1713	1640	13.0 - 14.0	340.0 ± 40.0	2.0 ± 1.0	4.0 ± 2.0	1.4 ± 0.5	*

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R007	1713	1640	14.0 - 15.0	660.0 ± 80.0	2.0 ± 1.0	3.0 ± 1.0	1.6 ± 0.4	*
B16 R007	1713	1640	15.0 - 16.0	170.0 ± 20.0	1.0 ± 0.7	2.0 ± 1.0	1.1 ± 0.3	*
B16 R007	1713	1640	16.0 - 17.0	460.0 ± 40.0	< 1.0 ± 0.0	2.0 ± 1.0	1.5 ± 0.3	*
B16 R007	1713	1640	17.0 - 18.0	48.0 ± 12.0	2.4 ± 0.8	1.0 ± 1.0	1.2 ± 0.3	S
B16 R007	1713	1640	18.0 - 19.0	51.0 ± 12.0	1.6 ± 0.8	4.0 ± 1.0	1.4 ± 0.3	S
B16 R007	1713	1640	19.0 - 20.0	33.0 ± 8.0	1.9 ± 0.7	2.4 ± 0.9	2.5 ± 0.4	
B16 R108	1720	1459	1.0 - 2.0	18.0 ± 9.0	9.0 ± 2.0	2.0 ± 1.0	17.0 ± 3.0	*
B16 R108	1720	1459	4.0 - 5.0	< 7.0 ± 0.0	< 0.6 ± 0.0	< 0.7 ± 0.0	< 1.0 ± 0.0	
B16 R108	1720	1459	7.0 - 8.0	11.0 ± 4.0	1.8 ± 0.7	1.2 ± 0.7	2.6 ± 1.9	
B16 R108	1720	1459	12.0 - 13.0	< 5.0 ± 0.0	< 0.5 ± 0.0	< 0.9 ± 0.0	1.9 ± 1.3	
B16 R108	1720	1459	15.0 - 16.0	< 8.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	1.8 ± 1.1	
B16 R102	1722	1963	1.0 - 2.0	< 8.0 ± 0.0	5.0 ± 1.0	3.0 ± 1.0	4.6 ± 0.7	
B16 R102	1722	1963	4.0 - 5.0	< 11.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	3.2 ± 0.6	
B16 R102	1722	1963	10.0 - 11.0	< 9.0 ± 0.0	1.3 ± 1.0	4.0 ± 2.0	1.1 ± 0.3	
B16 W03S	1746	1646	0.5 - 1.0	< 10.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	1.6 ± 0.6	
B16 W03S	1746	1646	2.0 - 3.0	< 11.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	1.2 ± 0.3	
B16 W03S	1746	1646	8.0 - 10.0	86.0 ± 17.0	2.0 ± 0.9	< 1.0 ± 0.0	2.3 ± 0.6	*
B16 W03S	1746	1646	12.0 - 14.0	< 4.0 ± 0.0	1.3 ± 0.8	1.0 ± 1.0	-a-	
B16 W03S	1746	1646	15.0 - 16.0	< 4.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	-a-	
B16 C013	1750	1703	2.0 - 3.0	67.0 ± 26.0	8.0 ± 2.0	5.0 ± 3.0	3.9 ± 0.6	*
B16 C013	1750	1703	3.0 - 4.0	58.0 ± 14.0	2.0 ± 0.8	1.5 ± 1.1	11.0 ± 2.0	*
B16 C013	1750	1703	4.0 - 5.0	280.0 ± 40.0	3.0 ± 1.0	3.0 ± 1.0	1.8 ± 0.4	*
B16 C013	1750	1703	6.0 - 8.0	56.0 ± 18.0	2.0 ± 1.0	2.0 ± 1.0	2.2 ± 0.9	*
B16 C013	1750	1703	8.0 - 10.0	110.0 ± 20.0	3.1 ± 0.8	1.0 ± 1.0	4.2 ± 0.8	*
B16 C013	1750	1703	10.0 - 11.0	260.0 ± 30.0	3.0 ± 1.0	2.0 ± 1.0	2.1 ± 0.6	*
B16 C013	1750	1703	11.0 - 12.0	< 7.0 ± 0.0	3.0 ± 1.0	1.0 ± 1.0	-a-	
B16 C013	1750	1703	13.0 - 14.0	< 7.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	-a-	
B16 R011	1760	1585	0.0 - 1.0	< 4.0 ± 0.0	1.0 ± 0.4	1.0 ± 0.4	0.4 ± 0.2	
B16 R011	1760	1585	1.0 - 2.0	13.0 ± 8.0	3.5 ± 0.9	2.0 ± 1.0	2.9 ± 1.3	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R011	1760	1585	13.0 - 14.0	< 17.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.4 ± 0.5
B16 C005	1780	1757	0.0 - 1.0	< 5.0 ± 0.0	0.8 ± 0.7	0.9 ± 0.7	1.1 ± 0.5
B16 C005	1780	1757	4.0 - 5.0	< 15.0 ± 0.0	5.0 ± 2.0	< 1.0 ± 0.0	< 3.0 ± 0.6
B16 C005	1780	1757	11.0 - 12.0	< 17.0 ± 0.0	1.0 ± 1.0	4.0 ± 2.0	2.1 ± 1.2
B16 R109	1794	1348	1.0 - 2.0	17.0 ± 10.0	5.0 ± 1.0	2.0 ± 1.0	29.0 ± 2.0 *
B16 R109	1794	1348	3.0 - 4.0	< 5.0 ± 0.0	0.9 ± 0.4	< 0.4 ± 0.0	5.1 ± 1.9
B16 R109	1794	1348	5.0 - 7.0	< 7.0 ± 0.0	7.0 ± 2.0	< 2.0 ± 0.0	6.4 ± 1.1
B16 R109	1794	1348	9.0 - 11.0	10.0 ± 4.0	3.8 ± 0.5	1.0 ± 0.7	3.5 ± 1.6
B16 R109	1794	1348	13.0 - 14.0	7.0 ± 2.0	3.0 ± 0.2	< 4.0 ± 0.0	3.5 ± 1.6
B16 R109	1794	1348	14.0 - 15.0	< 6.0 ± 0.0	1.6 ± 0.7	< 1.0 ± 0.0	3.4 ± 0.6
B16 C014	1795	1685	0.5 - 2.0	< 20.0 ± 0.0	6.0 ± 2.0	< 2.0 ± 0.0	2.9 ± 1.1
B16 C014	1795	1685	2.0 - 4.0	100.0 ± 20.0	6.0 ± 2.0	4.0 ± 2.0	3.5 ± 0.6 *
B16 C014	1795	1685	4.0 - 5.0	< 19.0 ± 0.0	7.0 ± 2.0	2.0 ± 2.0	3.2 ± 0.6
B16 C108	1800	1951	1.0 - 2.0	< 7.0 ± 0.0	6.0 ± 1.0	3.0 ± 1.0	11.0 ± 3.0
B16 C108	1800	1951	2.0 - 4.0	< 3.0 ± 0.0	2.4 ± 0.6	1.2 ± 0.6	1.9 ± 1.3
B16 C108	1800	1951	6.0 - 8.0	< 5.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.8 ± 1.1
B16 C108	1800	1951	11.0 - 12.0	< 6.0 ± 0.0	1.7 ± 0.7	1.2 ± 0.9	2.4 ± 1.3
B16 R155	1810	1720	0.0 - 1.0	< 4.0 ± 0.0	1.1 ± 0.7	2.0 ± 1.0	2.1 ± 1.2
B16 R155	1810	1720	4.0 - 5.0	< 11.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.4	1.2 ± 1.1
B16 R155	1810	1720	8.0 - 9.0	< 5.0 ± 0.0	2.3 ± 0.8	1.1 ± 1.0	0.8 ± 0.7
B16 R155	1810	1720	13.0 - 14.0	< 5.0 ± 0.0	1.3 ± 0.7	2.0 ± 1.0	2.1 ± 1.2
B16 R009	1815	1628	0.5 - 2.0	< 18.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	2.0 ± 0.8
B16 R009	1815	1628	2.0 - 4.0	< 7.0 ± 0.0	1.5 ± 0.6	1.0 ± 0.6	1.5 ± 0.4
B16 R009	1815	1628	9.0 - 10.0	< 11.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.5 ± 0.4
B16 C006	1890	1785	0.0 - 2.0	< 9.0 ± 0.0	1.3 ± 0.9	< 1.0 ± 0.0	1.5 ± 0.6
B16 C006	1890	1785	15.0 - 16.0	< 14.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.2 ± 0.5
B16 C109	1900	1850	1.5 - 3.0	< 12.0 ± 0.0	6.0 ± 1.0	2.0 ± 2.0	6.1 ± 0.7
B16 C109	1900	1850	4.0 - 6.0	< 8.0 ± 0.0	1.3 ± 0.4	1.0 ± 0.6	1.0 ± 1.0
B16 C109	1900	1850	7.0 - 8.0	< 6.0 ± 0.0	2.2 ± 0.6	< 0.6 ± 0.0	1.4 ± 1.1

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 C109	1900	1850	10.0 - 12.0	< 9.0 ± 0.0	2.0 ± 1.0	2.1 ± 0.9	1.2 ± 0.4
B16 R104	1920	1910	0.5 - 2.0	< 17.0 ± 0.0	1.5 ± 0.5	< 3.0 ± 0.0	< 1.0 ± 0.0
B16 R104	1920	1910	2.0 - 4.0	< 6.0 ± 0.0	1.8 ± 0.5	< 1.0 ± 0.0	1.2 ± 0.4
B16 R104	1920	1910	6.0 - 7.0	< 4.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	< 0.9 ± 0.0
B16 R104	1920	1910	10.0 - 12.0	< 6.0 ± 0.0	0.9 ± 0.6	< 1.0 ± 0.0	1.1 ± 0.3
B16 C110	1963	1973	0.5 - 1.5	< 9.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	2.8 ± 0.5
B16 C110	1963	1973	4.0 - 6.0	< 3.0 ± 0.0	1.5 ± 0.8	< 2.0 ± 0.0	2.5 ± 1.4
B16 C110	1963	1973	7.0 - 8.0	< 9.0 ± 0.0	1.7 ± 0.8	1.4 ± 0.9	1.7 ± 0.4
B16 C110	1963	1973	10.0 - 11.0	< 10.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	1.1 ± 0.3
B16 R105	2000	1850	1.0 - 2.0	< 11.0 ± 0.0	2.9 ± 0.8	2.0 ± 2.0	0.9 ± 0.3
B16 R105	2000	1850	3.0 - 4.0	< 15.0 ± 0.0	5.0 ± 1.0	< 2.0 ± 0.0	6.8 ± 0.9
B16 R105	2000	1850	5.0 - 6.0	< 20.0 ± 0.0	1.9 ± 0.6	1.9 ± 0.6	2.5 ± 1.4
B16 R105	2000	1850	8.0 - 9.0	< 3.0 ± 0.0	1.1 ± 0.4	1.4 ± 0.7	< 1.0 ± 0.0
B16 R105	2000	1850	12.0 - 13.0	< 8.0 ± 0.0	2.2 ± 0.7	< 1.0 ± 0.0	2.7 ± 0.9
B16 C111	2020	1910	0.5 - 2.0	< 11.0 ± 0.0	1.8 ± 0.8	< 1.0 ± 0.0	1.2 ± 0.4
B16 C111	2020	1910	4.0 - 5.0	< 10.0 ± 0.0	1.5 ± 0.8	1.0 ± 1.0	1.7 ± 1.2
B16 C111	2020	1910	7.0 - 8.0	< 3.0 ± 0.0	1.5 ± 0.5	1.5 ± 0.7	1.0 ± 1.0
B16 C111	2020	1910	10.0 - 12.0	13.0 ± 6.0	6.0 ± 1.0	< 2.0 ± 0.0	9.4 ± 0.8
B16 R016	2064	1782	0.5 - 2.0	< 16.0 ± 0.0	8.0 ± 1.0	3.0 ± 2.0	3.7 ± 0.6
B16 R016	2064	1782	4.0 - 5.0	< 2.0 ± 0.0	1.8 ± 0.5	< 1.0 ± 0.0	-a-
B16 R022	2083	1702	0.0 - 1.0	< 3.0 ± 0.0	0.3 ± 0.2	< 0.5 ± 0.0	0.5 ± 0.3
B16 R022	2083	1702	1.0 - 2.0	< 8.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	11.0 ± 2.0
B16 R022	2083	1702	3.0 - 4.0	< 7.0 ± 0.0	7.0 ± 1.0	< 1.0 ± 0.0	4.0 ± 0.6
B16 R022	2083	1702	6.0 - 8.0	< 11.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	1.9 ± 0.4
B16 C120	2155	1605	0.5 - 2.0	< 17.0 ± 0.0	5.0 ± 1.0	< 2.0 ± 0.0	22.0 ± 1.0 *
B16 C120	2155	1605	4.0 - 5.0	< 3.0 ± 0.0	1.3 ± 0.5	< 0.7 ± 0.0	3.3 ± 1.6
B16 C120	2155	1605	6.0 - 7.0	< 10.0 ± 0.0	3.0 ± 1.0	2.0 ± 2.0	6.2 ± 0.9
B16 C120	2155	1605	10.0 - 12.0	5.0 ± 4.0	2.0 ± 0.8	2.7 ± 0.8	1.2 ± 1.1
B16 C120	2155	1605	15.0 - 16.0	< 7.0 ± 0.0	3.4 ± 0.8	1.0 ± 1.0	1.2 ± 0.5

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R123	2165	1322	0.0 - 1.0	< 4.0 ± 0.0	0.5 ± 0.2	< 1.0 ± 0.0	< 0.8 ± 0.0	
B16 R123	2165	1322	1.0 - 2.0	< 7.0 ± 0.0	1.7 ± 0.5	2.0 ± 1.0	1.2 ± 0.4	
B16 R123	2165	1322	5.0 - 6.0	< 3.0 ± 0.0	0.7 ± 0.4	< 0.5 ± 0.0	2.4 ± 1.4	
B16 R123	2165	1322	9.0 - 11.0	< 10.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	1.1 ± 0.3	
B16 R123	2165	1322	16.0 - 17.0	< 3.0 ± 0.0	1.0 ± 0.4	1.3 ± 0.5	1.3 ± 0.3	
B16 C121	2165	1500	0.0 - 1.0	< 10.0 ± 0.0	4.0 ± 1.0	2.0 ± 2.0	7.3 ± 0.8	
B16 C121	2165	1500	1.0 - 2.0	6.0 ± 3.0	2.6 ± 0.4	1.0 ± 1.0	2.5 ± 1.4	
B16 C121	2165	1500	2.0 - 3.0	< 16.0 ± 0.0	< 2.0 ± 0.0	< 3.0 ± 0.0	3.5 ± 0.6	
B16 C121	2165	1500	8.0 - 10.0	< 5.0 ± 0.0	1.6 ± 0.5	1.4 ± 0.8	1.2 ± 1.1	
B16 C121	2165	1500	14.0 - 16.0	< 6.0 ± 0.0	0.9 ± 0.4	1.0 ± 1.0	0.6 ± 0.3	
B16 R017	2173	1640	0.0 - 1.0	28.0 ± 9.0	12.0 ± 2.0	3.0 ± 2.0	55.0 ± 2.0	*
B16 R017	2173	1640	2.0 - 3.0	57.0 ± 8.0	7.0 ± 1.0	2.0 ± 2.0	10.0 ± 1.0	*
B16 R017	2173	1640	4.0 - 5.0	< 10.0 ± 0.0	5.0 ± 2.0	< 3.0 ± 0.0	4.1 ± 0.6	
B16 R017	2173	1640	11.0 - 12.0	< 9.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	1.4 ± 0.4	
B16 R012	2178	1827	0.0 - 2.0	< 12.0 ± 0.0	7.0 ± 2.0	< 2.0 ± 0.0	2.8 ± 1.1	
B16 R012	2178	1827	4.0 - 6.0	< 7.0 ± 0.0	5.0 ± 1.0	4.0 ± 1.0	2.5 ± 0.9	
B16 R012	2178	1827	7.0 - 8.0	< 9.0 ± 0.0	14.0 ± 3.0	3.0 ± 2.0	6.9 ± 0.9	S
B16 R012	2178	1827	8.0 - 10.0	< 11.0 ± 0.0	5.0 ± 2.0	3.0 ± 2.0	2.0 ± 0.4	
B16 C050	2180	1350	0.0 - 2.0	< 27.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	4.1 ± 1.3	
B16 C050	2180	1350	3.0 - 4.0	< 38.0 ± 0.0	< 2.0 ± 0.0	< 5.0 ± 0.0	1.4 ± 0.5	
B16 C050	2180	1350	7.0 - 8.0	< 47.0 ± 0.0	6.0 ± 2.0	< 6.0 ± 0.0	1.5 ± 0.3	
B16 C050	2180	1350	9.0 - 10.0	< 53.0 ± 0.0	7.0 ± 3.0	< 7.0 ± 0.0	1.7 ± 0.4	
B16 C050	2180	1350	11.0 - 13.0	< 2.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	-a-	
B16 C050	2180	1350	16.0 - 17.0	< 2.0 ± 0.0	2.0 ± 0.7	1.5 ± 0.5	-a-	
B16 C051	2181	1255	0.0 - 2.0	< 14.0 ± 0.0	2.0 ± 1.0	1.0 ± 1.0	4.7 ± 0.6	
B16 C051	2181	1255	5.0 - 6.0	< 9.0 ± 0.0	0.7 ± 0.6	2.0 ± 1.0	1.0 ± 0.6	
B16 C051	2181	1255	7.0 - 8.0	< 13.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 1.0	1.1 ± 0.5	
B16 C051	2181	1255	10.0 - 11.0	< 16.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.8 ± 0.4	
B16 R014	2190	1737	0.0 - 2.0	100.0 ± 20.0	8.0 ± 1.0	< 1.0 ± 0.0	60.0 ± 3.0	*

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R014	2190	1737	2.0 - 3.0	85.0 ± 17.0	12.0 ± 2.0	3.0 ± 1.0	53.0 ± 2.0	*
B16 R014	2190	1737	3.0 - 4.0	38.0 ± 12.0	1.9 ± 0.9	2.0 ± 1.0	1.9 ± 0.4	
B16 R014	2190	1737	13.0 - 14.0	< 19.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	1.3 ± 0.3	
B16 R023	2216	1506	2.0 - 3.0	< 10.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	2.4 ± 0.7	
B16 R023	2216	1506	3.0 - 4.0	81.0 ± 14.0	6.0 ± 1.0	3.0 ± 1.0	3.7 ± 0.8	*
B16 R023	2216	1506	4.0 - 6.0	< 10.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	-a-	
B16 R023	2216	1506	9.0 - 10.0	16.0 ± 9.0	3.0 ± 1.0	4.0 ± 1.0	-a-	
B16 R023	2216	1506	14.0 - 16.0	< 6.0 ± 0.0	1.7 ± 0.7	3.0 ± 1.0	-a-	
B16 C040	2225	1466	0.5 - 1.0	< 18.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	3.2 ± 0.7	
B16 C040	2225	1466	0.5 - 16.0	< 12.0 ± 0.0	2.4 ± 0.7	2.0 ± 1.0	1.4 ± 0.4	
B16 C040	2225	1466	2.0 - 4.0	< 24.0 ± 0.0	3.0 ± 1.0	< 3.0 ± 0.0	2.4 ± 0.4	
B16 C040	2225	1466	4.0 - 6.0	< 38.0 ± 0.0	< 3.0 ± 0.0	5.0 ± 3.0	2.5 ± 0.7	
B16 C040	2225	1466	6.0 - 7.0	< 37.0 ± 0.0	4.0 ± 2.0	5.0 ± 3.0	1.6 ± 0.4	
B16 C040	2225	1466	7.0 - 8.0	< 22.0 ± 0.0	4.0 ± 2.0	4.0 ± 2.0	1.1 ± 0.3	
B16 C040	2225	1466	8.0 - 10.0	< 26.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	1.7 ± 0.4	
B16 C040	2225	1466	10.0 - 12.0	< 26.0 ± 0.0	5.0 ± 2.0	-a-	0.9 ± 0.6	
B16 C040	2225	1466	12.0 - 13.0	< 19.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	1.1 ± 0.3	
B16 C040	2225	1466	13.0 - 14.0	< 21.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	1.6 ± 0.4	
B16 C040	2225	1466	14.0 - 15.0	< 25.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	1.3 ± 0.5	
B16 C040	2225	1466	15.0 - 16.0	< 24.0 ± 0.0	3.0 ± 1.0	5.0 ± 2.0	1.0 ± 0.3	
B16 C023	2244	1700	0.5 - 2.0	42.0 ± 13.0	7.0 ± 2.0	4.0 ± 2.0	25.0 ± 2.0	*
B16 C023	2244	1700	3.0 - 4.0	64.0 ± 24.0	5.0 ± 2.0	5.0 ± 2.0	11.0 ± 1.0	*
B16 C023	2244	1700	6.0 - 8.0	60.0 ± 20.0	7.0 ± 2.0	4.0 ± 3.0	100.0 ± 10.0	*
B16 C023	2244	1700	8.0 - 10.0	< 7.0 ± 0.0	2.7 ± 0.8	< 0.9 ± 0.0	8.2 ± 0.8	
B16 C023	2244	1700	10.0 - 11.0	< 7.0 ± 0.0	< 0.6 ± 0.0	1.6 ± 0.8	3.4 ± 0.6	
B16 C017	2267	1832	0.0 - 2.0	< 12.0 ± 0.0	4.0 ± 1.0	1.0 ± 1.0	3.9 ± 0.7	
B16 C017	2267	1832	4.0 - 6.0	< 13.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	2.4 ± 0.5	
B16 C017	2267	1832	8.0 - 10.0	< 9.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.9 ± 0.5	
B16 C035	2271	1505	1.0 - 2.0	< 12.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	0.4 ± 0.2	

Concentrations

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 Concentrations (pCi/g ± 2σ)	Radium-226 Concentrations (pCi/g ± 2σ)	Thorium-232 Concentrations (pCi/g ± 2σ)	Thorium-230 Concentrations (pCi/g ± 2σ)	
B16 C035	2271	1505	3.0 - 4.0	< 13.0 ± 0.0	7.0 ± 2.0	3.0 ± 2.0	2.2 ± 0.4	
B16 C035	2271	1505	10.0 - 12.0	140.0 ± 30.0	5.0 ± 1.0	< 2.0 ± 0.0	3.2 ± 0.8	*
B16 C035	2271	1505	12.0 - 14.0	13.0 ± 6.0	3.0 ± 1.0	1.0 ± 1.0	-a-	
B16 C035	2271	1505	16.0 - 17.0	< 5.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	-a-	
B16 C034	2285	1661	0.5 - 2.0	< 26.0 ± 0.0	5.0 ± 2.0	< 4.0 ± 0.0	6.6 ± 0.8	
B16 C034	2285	1661	4.0 - 5.0	120.0 ± 40.0	22.0 ± 4.0	4.0 ± 2.0	530.0 ± 10.0	*
B16 C034	2285	1661	5.0 - 6.0	110.0 ± 40.0	9.0 ± 3.0	12.0 ± 3.0	2800 ± 100.0	*
B16 C034	2285	1661	6.0 - 7.0	57.0 ± 21.0	9.0 ± 2.0	< 4.0 ± 0.0	130.0 ± 10.0	*
B16 C034	2285	1661	8.0 - 9.0	< 33.0 ± 0.0	4.0 ± 2.0	7.0 ± 3.0	18.0 ± 1.0	*
B16 C034	2285	1661	9.0 - 10.0	< 3.0 ± 0.0	2.0 ± 0.6	1.8 ± 0.8	2.4 ± 0.5	
B16 R024	2291	1560	0.5 - 2.0	< 10.0 ± 0.0	2.1 ± 0.6	1.8 ± 0.9	2.0 ± 0.4	
B16 R024	2291	1560	2.0 - 3.0	< 14.0 ± 0.0	2.6 ± 0.8	3.0 ± 1.0	1.6 ± 0.3	
B16 R024	2291	1560	3.0 - 4.0	< 15.0 ± 0.0	2.1 ± 0.9	2.0 ± 1.0	1.4 ± 0.5	
B16 R024	2291	1560	4.0 - 5.0	44.0 ± 12.0	5.0 ± 1.0	1.6 ± 0.8	2.9 ± 0.5	S
B16 R024	2291	1560	5.0 - 6.0	920.0 ± 50.0	5.0 ± 2.0	3.0 ± 1.0	3.6 ± 0.6	*
B16 R024	2291	1560	6.0 - 7.0	110.0 ± 20.0	4.0 ± 1.0	< 3.0 ± 0.0	3.3 ± 0.5	*
B16 R024	2291	1560	7.0 - 8.0	8800 ± 200.0	7.0 ± 4.0	3.0 ± 3.0	28.0 ± 2.0	*
B16 R024	2291	1560	8.0 - 9.0	15000 ± 1000	6.0 ± 3.0	< 2.0 ± 0.0	6.5 ± 0.8	*
B16 R024	2291	1560	9.0 - 10.0	1300 ± 100.0	1.0 ± 1.0	3.0 ± 2.0	1.9 ± 0.7	*
B16 R024	2291	1560	10.0 - 11.0	930.0 ± 50.0	3.0 ± 1.0	< 2.0 ± 0.0	1.8 ± 0.4	*
B16 R024	2291	1560	11.0 - 12.0	24.0 ± 12.0	3.0 ± 1.0	5.0 ± 2.0	1.7 ± 0.5	
B16 R024	2291	1560	12.0 - 14.0	200.0 ± 30.0	2.0 ± 1.0	4.0 ± 2.0	3.1 ± 0.5	*
B16 R024	2291	1560	14.0 - 15.0	190.0 ± 20.0	2.9 ± 0.9	2.0 ± 1.0	2.8 ± 0.5	*
B16 R024	2291	1560	15.0 - 16.0	< 14.0 ± 0.0	2.0 ± 0.9	2.0 ± 1.0	1.8 ± 0.4	
B16 R024	2291	1560	16.0 - 17.0	< 14.0 ± 0.0	1.8 ± 0.8	< 2.0 ± 0.0	1.2 ± 0.3	
B16 R024	2291	1560	17.0 - 18.0	120.0 ± 20.0	2.6 ± 0.9	4.0 ± 1.0	1.3 ± 0.3	*
B16 R110	2297	1700	0.5 - 2.0	38.0 ± 11.0	36.0 ± 2.0	7.0 ± 2.0	65.0 ± 6.0	*
B16 R110	2297	1700	4.0 - 5.0	15.0 ± 3.0	2.8 ± 0.4	0.9 ± 0.7	9.2 ± 2.5	
B16 R110	2297	1700	8.0 - 9.0	< 4.0 ± 0.0	2.7 ± 0.7	< 1.0 ± 0.0	4.0 ± 1.7	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R110	2297	1700	11.0 - 12.0	< 12.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	13.0 ± 1.0	
B16 R110	2297	1700	13.0 - 14.0	< 7.0 ± 0.0	0.7 ± 0.3	1.0 ± 0.3	< 0.9 ± 0.0	
B16 R110	2297	1700	15.0 - 16.0	< 4.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	0.9 ± 0.3	
B16 R131	2303	1548	0.5 - 2.0	< 5.0 ± 0.0	1.5 ± 0.4	< 1.0 ± 0.0	4.2 ± 1.7	
B16 R131	2303	1548	2.0 - 4.0	37.0 ± 13.0	6.4 ± 0.9	< 1.0 ± 0.0	20.0 ± 4.0	*
B16 R131	2303	1548	4.0 - 6.0	8.0 ± 3.0	< 0.3 ± 0.0	< 0.4 ± 0.0	7.1 ± 2.2	
B16 R131	2303	1548	6.0 - 7.0	3200 ± 100.0	< 4.0 ± 0.0	< 6.0 ± 0.0	440.0 ± 20.0	*
B16 R131	2303	1548	8.0 - 9.0	1100 ± 40.0	< 0.6 ± 0.0	< 0.9 ± 0.0	300.0 ± 20.0	*
B16 R131	2303	1548	11.0 - 12.0	150.0 ± 10.0	1.1 ± 0.5	1.0 ± 0.6	10.0 ± 3.0	*
B16 R131	2303	1548	14.0 - 15.0	131.0 ± 12.0	1.3 ± 0.5	< 0.9 ± 0.0	43.0 ± 5.0	*
B16 R131	2303	1548	16.0 - 17.0	17.0 ± 4.0	1.8 ± 0.5	1.6 ± 0.6	4.0 ± 1.7	
B16 R131	2303	1548	18.0 - 19.0	25.0 ± 6.0	1.5 ± 0.6	1.8 ± 0.5	1.4 ± 1.0	
B16 C036	2306	1525	0.5 - 2.0	150.0 ± 40.0	37.0 ± 5.0	4.0 ± 3.0	22.0 ± 2.0	*
B16 C036	2306	1525	2.0 - 3.0	300.0 ± 50.0	8.0 ± 3.0	3.0 ± 2.0	2.3 ± 0.5	*
B16 C036	2306	1525	6.0 - 8.0	82.0 ± 17.0	4.0 ± 1.0	2.0 ± 1.0	3.5 ± 1.1	*
B16 C036	2306	1525	10.0 - 11.0	210.0 ± 30.0	3.0 ± 1.0	5.0 ± 2.0	1.4 ± 0.3	*
B16 C036	2306	1525	15.0 - 16.0	170.0 ± 30.0	2.0 ± 1.0	2.0 ± 2.0	1.9 ± 0.5	*
B16 C036	2306	1525	16.0 - 17.0	130.0 ± 20.0	1.7 ± 0.8	3.0 ± 2.0	-a-	*
B16 R111	2350	1830	0.0 - 1.0	170.0 ± 20.0	2.0 ± 1.0	< 1.0 ± 0.0	13.0 ± 1.0	*
B16 R111	2350	1830	3.0 - 4.0	47.0 ± 8.0	1.5 ± 0.5	1.3 ± 0.8	5.1 ± 1.9	S
B16 R111	2350	1830	6.0 - 7.0	5.0 ± 4.0	1.7 ± 0.5	1.9 ± 0.4	3.3 ± 1.6	
B16 R111	2350	1830	9.0 - 11.0	< 22.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	2.0 ± 1.3	
B16 R111	2350	1830	12.0 - 13.0	< 11.0 ± 0.0	2.1 ± 0.7	2.0 ± 1.0	2.3 ± 0.5	
B16 R111	2350	1830	15.0 - 16.0	< 7.0 ± 0.0	1.2 ± 0.7	2.0 ± 1.0	1.5 ± 0.4	
B16 R026	2351	1515	1.0 - 2.0	< 18.0 ± 0.0	20.0 ± 2.0	3.0 ± 1.0	18.0 ± 1.0	*
B16 R026	2351	1515	3.0 - 4.0	< 15.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 1.0	2.2 ± 0.3	
B16 R026	2351	1515	6.0 - 7.0	< 16.0 ± 0.0	4.0 ± 1.0	2.0 ± 2.0	3.0 ± 0.4	
B16 R026	2351	1515	8.0 - 9.0	140.0 ± 20.0	4.0 ± 1.0	2.0 ± 1.0	2.3 ± 0.6	*
B16 R026	2351	1515	12.0 - 13.0	480.0 ± 30.0	3.0 ± 1.0	< 1.0 ± 0.0	2.3 ± 0.5	*

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R026	2351	1515	14.0 - 16.0	80.0 ± 10.0	2.0 ± 0.8	1.6 ± 0.8	1.3 ± 0.3	*
B16 R027	2365	1447	0.0 - 1.0	< 10.0 ± 0.0	1.9 ± 0.8	2.0 ± 1.0	1.3 ± 0.3	
B16 R027	2365	1447	11.0 - 12.0	< 23.0 ± 0.0	3.0 ± 2.0	< 2.0 ± 0.0	0.8 ± 0.3	
B16 R027	2365	1447	16.0 - 17.0	< 28.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	1.9 ± 0.4	
B16 R027	2365	1447	17.0 - 18.0	< 11.0 ± 0.0	1.8 ± 0.8	2.0 ± 1.0	1.6 ± 0.4	
B16 R015	2368	1758	0.5 - 2.0	< 10.0 ± 0.0	3.9 ± 0.9	3.0 ± 1.0	7.1 ± 0.7	
B16 R015	2368	1758	4.0 - 5.0	< 18.0 ± 0.0	20.0 ± 2.0	< 2.0 ± 0.0	17.0 ± 1.0	*
B16 R015	2368	1758	6.0 - 7.0	42.0 ± 13.0	4.0 ± 1.0	3.0 ± 1.0	3.2 ± 0.5	S
B16 R015	2368	1758	8.0 - 10.0	38.0 ± 12.0	4.0 ± 1.0	2.0 ± 1.0	2.0 ± 0.4	S
B16 R015	2368	1758	12.0 - 14.0	98.0 ± 13.0	5.0 ± 3.0	< 1.0 ± 0.0	-a-	*
B16 R015	2368	1758	17.0 - 18.0	10.0 ± 5.0	2.0 ± 1.0	3.0 ± 1.0	-a-	
B16 R018	2386	1658	0.5 - 2.0	< 14.0 ± 0.0	6.0 ± 1.0	4.0 ± 1.0	7.8 ± 0.9	
B16 R018	2386	1658	4.0 - 5.0	< 15.0 ± 0.0	2.5 ± 0.8	3.0 ± 1.0	1.3 ± 0.3	
B16 R018	2386	1658	7.0 - 8.0	70.0 ± 20.0	3.0 ± 1.0	5.0 ± 2.0	1.7 ± 0.3	*
B16 R018	2386	1658	9.0 - 10.0	580.0 ± 40.0	15.0 ± 2.0	3.0 ± 2.0	190.0 ± 10.0	*
B16 R018	2386	1658	11.0 - 12.0	69.0 ± 15.0	2.6 ± 0.8	< 2.0 ± 0.0	1.5 ± 0.3	*
B16 R018	2386	1658	12.0 - 13.0	13.0 ± 3.0	0.5 ± 0.4	1.0 ± 0.5	-a-	
B16 R018	2386	1658	15.0 - 16.0	9.0 ± 5.0	1.7 ± 0.8	2.0 ± 1.0	-a-	
B16 R018	2386	1658	17.0 - 18.0	< 5.0 ± 0.0	2.0 ± 0.9	3.0 ± 1.0	-a-	
B16 C124	2390	1548	0.0 - 1.0	< 3.0 ± 0.0	0.4 ± 0.3	< 2.0 ± 0.0	< 1.0 ± 0.0	
B16 C124	2390	1548	1.0 - 2.5	39.0 ± 12.0	14.0 ± 2.0	2.0 ± 2.0	13.0 ± 1.0	S
B16 C124	2390	1548	6.0 - 8.0	9.0 ± 3.0	1.4 ± 0.4	1.5 ± 0.6	2.0 ± 1.3	
B16 C124	2390	1548	10.0 - 11.0	16.0 ± 3.0	0.7 ± 0.5	0.4 ± 0.4	2.4 ± 1.4	
B16 C124	2390	1548	14.0 - 15.0	240.0 ± 30.0	4.0 ± 2.0	< 3.0 ± 0.0	4.5 ± 0.7	*
B16 C124	2390	1548	17.0 - 18.0	61.0 ± 13.0	3.0 ± 1.0	2.0 ± 2.0	1.8 ± 0.4	*
B16 C018	2395	1830	0.0 - 1.0	74.0 ± 18.0	19.0 ± 4.0	< 3.0 ± 0.0	24.0 ± 1.0	*
B16 C018	2395	1830	1.0 - 2.0	34.0 ± 8.0	2.3 ± 0.9	< 1.0 ± 0.0	4.0 ± 0.8	
B16 C018	2395	1830	4.0 - 5.0	40.0 ± 14.0	8.0 ± 3.0	< 5.0 ± 0.0	5.8 ± 0.9	S
B16 C018	2395	1830	5.0 - 6.0	27.0 ± 17.0	20.0 ± 3.0	4.0 ± 3.0	12.0 ± 1.0	*

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C018	2395	1830	8.0 - 10.0	64.0 ± 20.0	8.0 ± 2.0	< 2.0 ± 0.0	3.6 ± 0.8	*
B16 C018	2395	1830	12.0 - 13.0	< 9.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	-a-	
B16 C018	2395	1830	14.0 - 16.0	< 9.0 ± 0.0	1.1 ± 0.9	1.0 ± 1.0	-a-	
B16 R019	2439	1694	2.0 - 3.0	25.0 ± 10.0	5.0 ± 1.0	< 1.0 ± 0.0	7.5 ± 0.8	
B16 R019	2439	1694	6.0 - 7.0	21.0 ± 13.0	6.0 ± 2.0	2.0 ± 1.0	3.9 ± 0.5	
B16 R019	2439	1694	7.0 - 8.0	91.0 ± 25.0	10.0 ± 3.0	6.0 ± 3.0	3.9 ± 0.6	*
B16 R019	2439	1694	9.0 - 10.0	75.0 ± 19.0	15.0 ± 2.0	3.0 ± 2.0	310.0 ± 10.0	*
B16 R019	2439	1694	10.0 - 11.0	16.0 ± 6.0	3.0 ± 0.7	< 0.6 ± 0.0	22.0 ± 1.0	*
B16 R019	2439	1694	11.0 - 12.0	11.0 ± 4.0	0.7 ± 0.3	0.6 ± 0.5	2.8 ± 0.5	
B16 C027	2442	1610	1.0 - 2.5	< 23.0 ± 0.0	6.0 ± 2.0	5.0 ± 3.0	5.1 ± 0.9	
B16 C027	2442	1610	4.0 - 5.0	670.0 ± 60.0	86.0 ± 6.0	< 2.0 ± 0.0	89.0 ± 3.0	*
B16 C027	2442	1610	8.0 - 10.0	6700 ± 800.0	6.0 ± 3.0	5.0 ± 3.0	100.0 ± 10.0	*
B16 C027	2442	1610	14.0 - 16.0	130.0 ± 20.0	3.0 ± 1.0	< 2.0 ± 0.0	2.7 ± 0.5	*
B16 C027	2442	1610	17.0 - 18.0	10.0 ± 4.0	1.9 ± 0.7	1.0 ± 1.0	1.3 ± 0.3	
B16 C037	2445	1506	0.0 - 1.0	< 2.0 ± 0.0	< 0.5 ± 0.0	< 0.5 ± 0.0	1.7 ± 0.4	
B16 C037	2445	1506	1.0 - 2.0	< 25.0 ± 0.0	13.0 ± 3.0	4.0 ± 2.0	7.5 ± 1.0	S
B16 C037	2445	1506	3.0 - 4.0	< 30.0 ± 0.0	4.0 ± 3.0	2.0 ± 2.0	2.8 ± 0.5	
B16 C037	2445	1506	6.0 - 7.0	< 21.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.5 ± 0.5	
B16 C024	2448	1799	1.0 - 2.0	< 5.0 ± 0.0	0.8 ± 0.5	< 0.7 ± 0.0	4.0 ± 0.5	
B16 C024	2448	1799	2.0 - 3.0	< 11.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	2.6 ± 0.5	
B16 C024	2448	1799	3.0 - 5.0	< 9.0 ± 0.0	13.0 ± 2.0	2.0 ± 2.0	6.0 ± 1.5	
B16 C024	2448	1799	5.0 - 6.0	< 9.0 ± 0.0	7.0 ± 2.0	< 2.0 ± 0.0	< 3.1 ± 0.7	
B16 C024	2448	1799	9.0 - 11.0	< 7.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	2.1 ± 0.4	
B16 R112	2451	1565	0.5 - 2.0	< 27.0 ± 0.0	10.0 ± 3.0	< 3.0 ± 0.0	78.0 ± 3.0	*
B16 R112	2451	1565	3.0 - 4.0	< 34.0 ± 0.0	53.0 ± 7.0	< 4.0 ± 0.0	14.0 ± 1.0	*
B16 R112	2451	1565	5.0 - 6.0	41.0 ± 6.0	3.6 ± 0.8	< 5.0 ± 0.0	4.3 ± 1.8	
B16 R112	2451	1565	10.0 - 11.0	31.0 ± 4.0	1.0 ± 0.7	1.2 ± 0.5	3.0 ± 1.5	
B16 R112	2451	1565	13.0 - 14.0	< 12.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	2.3 ± 0.6	
B16 C019	2493	1831	0.0 - 1.0	< 15.0 ± 0.0	9.0 ± 3.0	4.0 ± 3.0	44.0 ± 3.0	*

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C019	2493	1831	1.0 - 2.0	890.0 ± 80.0	9.0 ± 3.0	5.0 ± 3.0	90.0 ± 3.0	*
B16 C019	2493	1831	4.0 - 5.0	< 15.0 ± 0.0	8.0 ± 3.0	5.0 ± 3.0	3.4 ± 0.7	
B16 C019	2493	1831	8.0 - 10.0	50.0 ± 17.0	8.0 ± 2.0	2.0 ± 2.0	3.8 ± 0.8	S
B16 C019	2493	1831	12.0 - 14.0	< 2.0 ± 0.0	2.0 ± 0.9	< 1.0 ± 0.0	-a-	
B16 C019	2493	1831	14.0 - 16.0	7.0 ± 5.0	2.0 ± 0.6	< 1.0 ± 0.0	-a-	
B16 C053	2506	1268	0.0 - 1.0	14.0 ± 7.0	1.8 ± 0.6	3.0 ± 1.0	2.3 ± 0.4	
B16 C053	2506	1268	0.0 - 18.0	< 7.0 ± 0.0	3.0 ± 1.0	1.0 ± 1.0	3.8 ± 0.6	
B16 C053	2506	1268	1.0 - 2.0	8.0 ± 5.0	6.0 ± 1.0	< 1.0 ± 0.0	12.0 ± 1.0	
B16 C053	2506	1268	2.0 - 3.0	< 9.0 ± 0.0	8.0 ± 2.0	< 2.0 ± 0.0	5.4 ± 0.6	
B16 C053	2506	1268	3.0 - 4.0	18.0 ± 11.0	6.0 ± 2.0	2.0 ± 1.0	5.8 ± 0.7	
B16 C053	2506	1268	4.0 - 5.0	< 10.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	2.9 ± 0.5	
B16 C053	2506	1268	5.0 - 6.0	< 15.0 ± 0.0	1.1 ± 0.6	< 1.0 ± 0.0	1.4 ± 0.3	
B16 C053	2506	1268	6.0 - 7.0	29.0 ± 12.0	3.0 ± 1.0	2.0 ± 1.0	3.3 ± 0.5	
B16 C053	2506	1268	7.0 - 8.0	< 39.0 ± 0.0	3.0 ± 3.0	< 3.0 ± 0.0	2.8 ± 0.5	
B16 C053	2506	1268	8.0 - 9.0	< 10.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	3.0 ± 0.5	
B16 C053	2506	1268	9.0 - 10.0	< 14.0 ± 0.0	4.0 ± 1.0	< 3.0 ± 0.0	2.9 ± 0.5	
B16 C053	2506	1268	10.0 - 12.0	< 11.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	4.4 ± 0.6	
B16 C053	2506	1268	12.0 - 14.0	< 11.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	2.7 ± 0.5	
B16 C053	2506	1268	14.0 - 15.0	< 6.0 ± 0.0	0.6 ± 0.5	1.0 ± 1.0	1.1 ± 0.3	
B16 C053	2506	1268	15.0 - 16.0	< 4.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	2.6 ± 0.5	
B16 C053	2506	1268	16.0 - 17.0	< 4.0 ± 0.0	0.6 ± 0.4	1.0 ± 1.0	1.4 ± 0.3	
B16 C053	2506	1268	17.0 - 18.0	< 6.0 ± 0.0	0.7 ± 0.2	< 1.0 ± 0.0	1.6 ± 0.4	
B16 R028	2511	1444	0.0 - 1.0	< 16.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	3.5 ± 0.8	
B16 R028	2511	1444	3.0 - 4.0	< 23.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	1.4 ± 0.3	
B16 R028	2511	1444	11.0 - 12.0	< 11.0 ± 0.0	< 0.8 ± 0.0	2.0 ± 1.0	1.8 ± 0.4	
B16 R028	2511	1444	15.0 - 16.0	< 26.0 ± 0.0	3.0 ± 1.0	5.0 ± 2.0	1.4 ± 0.3	
B16 C135	2515	1345	1.0 - 2.0	< 28.0 ± 0.0	9.0 ± 3.0	< 3.0 ± 0.0	12.0 ± 1.0	
B16 C135	2515	1345	6.0 - 7.0	< 7.0 ± 0.0	1.1 ± 0.4	0.7 ± 0.4	3.8 ± 1.7	
B16 C135	2515	1345	12.0 - 13.0	< 22.0 ± 0.0	5.0 ± 2.0	5.0 ± 3.0	5.4 ± 0.7	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C135	2515	1345	14.0 - 16.0	< 8.0 ± 0.0	0.9 ± 0.3	< 0.5 ± 0.0	1.9 ± 1.3	
B16 C135	2515	1345	18.0 - 20.0	< 5.0 ± 0.0	1.2 ± 0.5	1.6 ± 0.8	1.4 ± 0.3	
B16 C028	2540	1613	0.5 - 1.0	< 7.0 ± 0.0	1.9 ± 0.9	2.0 ± 1.0	5.4 ± 0.8	
B16 C028	2540	1613	2.0 - 3.0	130.0 ± 40.0	180.0 ± 10	< 3.0 ± 0.0	230.0 ± 10.0	*
B16 C028	2540	1613	3.0 - 4.0	68.0 ± 23.0	10.0 ± 2.0	6.0 ± 2.0	8.7 ± 0.9	*
B16 C028	2540	1613	4.0 - 5.0	55.0 ± 28.0	98.0 ± 6.0	6.0 ± 3.0	150.0 ± 10.0	*
B16 C028	2540	1613	8.0 - 9.0	21.0 ± 4.0	7.0 ± 1.0	1.7 ± 0.7	21.0 ± 1.0	*
B16 C028	2540	1613	9.0 - 10.0	7.0 ± 4.0	1.3 ± 0.7	< 0.8 ± 0.0	1.2 ± 0.7	
B16 C025	2540	1761	3.0 - 4.0	74.0 ± 22.0	22.0 ± 3.0	< 2.0 ± 0.0	23.0 ± 2.0	*
B16 C025	2540	1761	5.0 - 6.0	32.0 ± 13.0	11.0 ± 2.0	< 2.0 ± 0.0	10.0 ± 1.0	S
B16 C025	2540	1761	7.0 - 8.0	< 22.0 ± 0.0	6.0 ± 2.0	< 2.0 ± 0.0	6.7 ± 1.0	
B16 C025	2540	1761	8.0 - 9.0	< 25.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	4.8 ± 1.0	
B16 C025	2540	1761	10.0 - 11.0	16.0 ± 9.0	4.0 ± 1.0	< 1.0 ± 0.0	-a-	
B16 C025	2540	1761	13.0 - 14.0	< 3.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	-a-	
B16 C025	2540	1761	16.0 - 17.0	< 2.0 ± 0.0	2.2 ± 0.8	3.0 ± 1.0	-a-	
B16 R020	2545	1680	1.0 - 2.0	< 20.0 ± 0.0	14.0 ± 2.0	32.0 ± 5.0	20.0 ± 2.0	*
B16 R020	2545	1680	2.0 - 3.0	93.0 ± 33.0	18.0 ± 3.0	40.0 ± 7.0	25.0 ± 5.0	*
B16 R020	2545	1680	4.0 - 6.0	190.0 ± 90.0	160.0 ± 20	< 2.0 ± 0.0	140.0 ± 10.0	*
B16 R020	2545	1680	6.0 - 7.0	130.0 ± 30.0	26.0 ± 4.0	< 2.0 ± 0.0	35.0 ± 2.0	*
B16 R020	2545	1680	7.0 - 8.0	59.0 ± 41.0	130.0 ± 10	< 3.0 ± 0.0	410.0 ± 20.0	*
B16 R020	2545	1680	8.0 - 10.0	91.0 ± 39.0	180.0 ± 10	< 3.0 ± 0.0	3000 ± 100.0	*
B16 R020	2545	1680	10.0 - 12.0	140.0 ± 20.0	96.0 ± 7.0	6.0 ± 3.0	1600 ± 100.0	*
B16 R020	2545	1680	12.0 - 13.0	41.0 ± 20.0	53.0 ± 4.0	3.0 ± 2.0	700.0 ± 50.0	*
B16 R020	2545	1680	13.0 - 14.0	12.0 ± 8.0	5.0 ± 1.0	2.0 ± 1.0	8.8 ± 1.4	
B16 R020	2545	1680	14.0 - 15.0	26.0 ± 15.0	14.0 ± 2.0	2.0 ± 1.0	67.0 ± 2.0	*
B16 R020	2545	1680	15.0 - 16.0	16.0 ± 8.0	1.4 ± 0.8	1.7 ± 0.9	2.2 ± 0.8	
B16 C045	2550	1392	1.0 - 2.0	310.0 ± 70.0	490.0 ± 20	< 7.0 ± 0.0	200.0 ± 10.0	*
B16 C045	2550	1392	2.0 - 3.0	< 26.0 ± 0.0	19.0 ± 4.0	< 3.0 ± 0.0	6.5 ± 1.2	*
B16 C045	2550	1392	3.0 - 4.0	130.0 ± 70.0	270.0 ± 20	< 6.0 ± 0.0	79.0 ± 3.0	*

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C045	2550	1392	4.0 - 5.0	< 18.0 ± 0.0	7.0 ± 2.0	4.0 ± 2.0	2.8 ± 0.5	
B16 C045	2550	1392	5.0 - 7.0	< 35.0 ± 0.0	120.0 ± 10	< 3.0 ± 0.0	32.0 ± 2.0	*
B16 C045	2550	1392	7.0 - 8.0	9.0 ± 8.0	23.0 ± 2.0	2.0 ± 1.0	0.4 ± 0.2	*
B16 C045	2550	1392	8.0 - 9.0	< 8.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	3.7 ± 0.8	
B16 C038	2555	1506	0.0 - 1.0	< 12.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	1.2 ± 0.4	
B16 C038	2555	1506	2.0 - 4.0	< 12.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	1.1 ± 0.4	
B16 C038	2555	1506	6.0 - 7.0	12.0 ± 8.0	5.0 ± 2.0	3.0 ± 2.0	5.6 ± 1.4	
B16 C038	2555	1506	8.0 - 10.0	< 10.0 ± 0.0	4.0 ± 2.0	5.0 ± 3.0	1.3 ± 0.7	
B16 C125	2558	1553	0.5 - 2.0	17.0 ± 14.0	9.0 ± 2.0	26.0 ± 4.0	10.0 ± 3.0	*
B16 C125	2558	1553	4.0 - 6.0	< 10.0 ± 0.0	0.5 ± 0.4	1.2 ± 0.4	2.4 ± 1.4	
B16 C125	2558	1553	7.0 - 8.0	26.0 ± 21.0	3.0 ± 1.0	< 1.0 ± 0.0	6.4 ± 0.7	
B16 C125	2558	1553	10.0 - 11.0	34.0 ± 14.0	1.4 ± 0.6	< 0.7 ± 0.0	8.1 ± 2.4	S
B16 C125	2558	1553	15.0 - 16.0	5.0 ± 2.0	0.8 ± 0.4	0.5 ± 0.5	1.9 ± 1.3	
B16 C125	2558	1553	19.0 - 20.0	16.0 ± 7.0	0.7 ± 0.4	< 1.0 ± 0.0	1.0 ± 0.3	
B16 R129	2560	1255	0.0 - 2.0	< 6.0 ± 0.0	3.1 ± 1.0	2.0 ± 1.0	6.0 ± 1.0	
B16 R129	2560	1255	5.0 - 6.0	< 2.0 ± 0.0	< 0.3 ± 0.0	< 0.4 ± 0.0	< 0.9 ± 0.0	
B16 R129	2560	1255	7.0 - 8.0	< 19.0 ± 0.0	5.0 ± 2.0	< 3.0 ± 0.0	6.1 ± 1.0	
B16 R129	2560	1255	10.0 - 11.0	< 5.0 ± 0.0	1.1 ± 0.5	0.8 ± 0.6	< 0.8 ± 0.0	
B16 R129	2560	1255	14.0 - 18.0	< 3.0 ± 0.0	1.2 ± 0.4	1.7 ± 0.7	1.2 ± 1.0	
B16 R129	2560	1255	17.0 - 18.0	< 6.0 ± 0.0	3.2 ± 0.8	< 1.0 ± 0.0	2.0 ± 0.4	
B16 R032	2560	1411	1.0 - 2.0	150.0 ± 50.0	60.0 ± 5.0	< 3.0 ± 0.0	24.3 ± 3.0	*
B16 R032	2560	1411	2.0 - 3.0	37.0 ± 12.0	9.0 ± 2.0	2.0 ± 1.0	4.8 ± 0.7	S
B16 R032	2560	1411	3.0 - 4.0	40.0 ± 20.0	26.0 ± 3.0	10.0 ± 4.0	11.0 ± 1.0	*
B16 R032	2560	1411	4.0 - 5.0	< 21.0 ± 0.0	4.0 ± 1.0	3.0 ± 2.0	2.1 ± 0.4	
B16 C046	2582	1323	1.0 - 2.0	< 24.0 ± 0.0	12.0 ± 3.0	4.0 ± 2.0	4.6 ± 1.2	
B16 C046	2582	1323	3.0 - 5.0	< 21.0 ± 0.0	9.0 ± 2.0	3.0 ± 1.0	3.3 ± 1.3	
B16 C046	2582	1323	5.0 - 6.0	< 41.0 ± 0.0	11.0 ± 3.0	6.0 ± 3.0	4.5 ± 0.8	S
B16 C046	2582	1323	11.0 - 13.0	< 26.0 ± 0.0	5.0 ± 2.0	6.0 ± 3.0	1.8 ± 0.8	
B16 C046	2582	1323	16.0 - 17.0	< 5.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	-a-	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C046	2582	1323	18.0 - 19.0	< 2.0 ± 0.0	2.6 ± 0.7	2.5 ± 0.8	-a-	
B16 R033	2600	1325	1.0 - 2.0	< 19.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	2.3 ± 1.0	
B16 R033	2600	1325	3.0 - 4.0	< 22.0 ± 0.0	3.0 ± 1.0	5.0 ± 2.0	2.0 ± 0.4	
B16 R033	2600	1325	5.0 - 6.0	< 11.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	1.5 ± 0.4	
B16 R033	2600	1325	12.0 - 13.0	< 19.0 ± 0.0	6.0 ± 2.0	4.0 ± 2.0	3.7 ± 1.0	
B16 R033	2600	1325	17.0 - 18.0	< 2.0 ± 0.0	2.5 ± 0.8	1.5 ± 0.9	-a-	
B16 R033	2600	1325	20.0 - 21.0	< 3.0 ± 0.0	2.6 ± 0.7	2.0 ± 1.0	-a-	
B16 C029	2606	1609	4.0 - 5.0	< 8.0 ± 0.0	1.6 ± 0.6	0.7 ± 0.6	6.1 ± 0.9	
B16 C029	2606	1609	9.0 - 10.0	< 23.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	2.0 ± 0.7	
B16 C029	2606	1609	10.0 - 11.0	54.0 ± 19.0	6.0 ± 2.0	3.0 ± 2.0	3.6 ± 0.7	*
B16 C029	2606	1609	11.0 - 13.0	46.0 ± 16.0	5.0 ± 2.0	< 2.0 ± 0.0	2.5 ± 0.5	S
B16 C029	2606	1609	14.0 - 15.0	190.0 ± 20.0	4.0 ± 2.0	< 1.0 ± 0.0	-a-	*
B16 C029	2606	1609	16.0 - 17.0	24.0 ± 8.0	< 1.0 ± 0.0	3.0 ± 1.0	-a-	
B16 C044	2607	1416	0.9 - 1.7	120.0 ± 40.0	77.0 ± 8.0	< 3.0 ± 0.0	31.0 ± 3.0	*
B16 C044	2607	1416	3.0 - 4.0	28.0 ± 17.0	11.0 ± 2.0	3.0 ± 2.0	4.8 ± 0.8	S
B16 C044	2607	1416	5.0 - 6.0	12.0 ± 10.0	17.0 ± 3.0	< 1.0 ± 0.0	9.5 ± 1.6	*
B16 C044	2607	1416	11.0 - 12.0	< 18.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	1.4 ± 0.4	
B16 R013	2607	1831	0.0 - 1.0	25.0 ± 17.0	18.0 ± 3.0	5.0 ± 3.0	28.0 ± 3.0	*
B16 R013	2607	1831	1.0 - 2.0	160.0 ± 30.0	9.0 ± 2.0	2.0 ± 2.0	54.0 ± 2.0	*
B16 R013	2607	1831	2.0 - 3.0	< 7.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	1.0 ± 0.6	
B16 R013	2607	1831	5.0 - 6.0	< 7.0 ± 0.0	2.9 ± 0.9	3.0 ± 1.0	2.0 ± 0.9	
B16 R013	2607	1831	10.0 - 12.0	< 7.0 ± 0.0	1.8 ± 0.6	0.8 ± 0.7	1.6 ± 0.4	
B16 R021	2613	1704	3.0 - 4.0	< 13.0 ± 0.0	4.0 ± 1.0	7.0 ± 2.0	6.6 ± 1.9	
B16 R021	2613	1704	4.0 - 5.0	< 13.0 ± 0.0	5.0 ± 1.0	3.0 ± 1.0	4.2 ± 0.9	
B16 R021	2613	1704	6.0 - 7.0	< 15.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	2.8 ± 1.9	
B16 R021	2613	1704	13.0 - 14.0	< 17.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	2.0 ± 0.4	
B16 C026	2616	1797	1.0 - 2.0	< 31.0 ± 0.0	6.0 ± 2.0	5.0 ± 2.0	2.3 ± 0.4	
B16 C026	2616	1797	2.0 - 3.0	< 40.0 ± 0.0	6.0 ± 2.0	< 5.0 ± 0.0	2.6 ± 1.0	
B16 C026	2616	1797	5.0 - 6.0	< 29.0 ± 0.0	4.0 ± 1.0	< 4.0 ± 0.0	1.3 ± 0.7	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C026	2616	1797	7.0 - 8.0	< 30.0 ± 0.0	48.0 ± 5.0	< 4.0 ± 0.0	17.0 ± 1.0	*
B16 C026	2616	1797	9.0 - 10.0	< 53.0 ± 0.0	14.0 ± 4.0	< 7.0 ± 0.0	6.0 ± 1.0	
B16 C026	2616	1797	10.0 - 11.0	< 45.0 ± 0.0	11.0 ± 3.0	11.0 ± 4.0	3.9 ± 0.7	S
B16 C026	2616	1797	12.0 - 14.0	30.0 ± 10.0	6.0 ± 2.0	< 1.0 ± 0.0	-a-	
B16 C026	2616	1797	15.0 - 16.0	< 3.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	-a-	
B16 C026	2616	1797	17.0 - 18.0	< 2.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	-a-	
B16 C137	2625	1320	0.5 - 2.0	< 13.0 ± 0.0	8.0 ± 2.0	2.0 ± 1.0	9.3 ± 0.9	
B16 C137	2625	1320	3.0 - 4.0	2.0 ± 1.0	< 14.0 ± 0.0	5.0 ± 1.0	2.4 ± 1.4	
B16 C137	2625	1320	4.0 - 5.0	< 3.0 ± 0.0	1.1 ± 0.4	< 0.6 ± 0.0	< 0.8 ± 0.0	
B16 C137	2625	1320	6.0 - 8.0	< 9.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	4.3 ± 0.7	
B16 C137	2625	1320	11.0 - 12.0	< 5.0 ± 0.0	0.7 ± 0.6	0.5 ± 0.4	1.7 ± 1.2	
B16 C137	2625	1320	16.0 - 17.0	< 3.0 ± 0.0	0.9 ± 0.4	< 0.6 ± 0.0	1.0 ± 1.0	
B16 C137	2625	1320	19.0 - 20.0	< 26.0 ± 0.0	< 3.0 ± 0.0	7.0 ± 4.0	< 0.9 ± 0.0	
B16 C136	2625	1410	1.0 - 3.0	20.0 ± 9.0	6.0 ± 2.0	2.0 ± 2.0	4.8 ± 0.8	
B16 C136	2625	1410	5.0 - 7.0	< 20.0 ± 0.0	1.9 ± 0.7	1.9 ± 0.7	< 0.8 ± 0.0	
B16 C136	2625	1410	11.0 - 13.0	< 5.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.3 ± 0.4	
B16 C136	2625	1410	19.0 - 21.0	< 3.0 ± 0.0	0.9 ± 0.5	1.9 ± 0.6	1.2 ± 0.3	
B16 C052	2649	1277	0.0 - 1.0	< 24.0 ± 0.0	6.0 ± 2.0	5.0 ± 2.0	9.6 ± 2.1	
B16 C052	2649	1277	4.0 - 5.0	< 43.0 ± 0.0	9.0 ± 3.0	7.0 ± 4.0	61.0 ± 5.0	*
B16 C052	2649	1277	6.0 - 8.0	< 23.0 ± 0.0	12.0 ± 4.0	< 11.0 ± 0.0	7.8 ± 1.8	
B16 C052	2649	1277	10.0 - 12.0	< 6.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.9 ± 0.4	
B16 C052	2649	1277	14.0 - 16.0	< 2.0 ± 0.0	2.0 ± 0.5	1.5 ± 0.6	1.0 ± 0.3	
B16 C039	2654	1511	0.5 - 2.0	26.0 ± 18.0	3.0 ± 1.0	3.0 ± 2.0	19.0 ± 2.0	*
B16 C039	2654	1511	4.0 - 5.0	< 17.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	1.2 ± 0.4	
B16 C039	2654	1511	9.0 - 10.0	< 20.0 ± 0.0	15.0 ± 4.0	6.0 ± 4.0	7.7 ± 1.0	S
B16 C039	2654	1511	10.0 - 12.0	32.0 ± 22.0	9.0 ± 2.0	< 3.0 ± 0.0	5.2 ± 0.8	S
B16 C039	2654	1511	13.0 - 14.0	10.0 ± 5.0	< 1.0 ± 0.0	< 1.0 ± 0.0	-a-	
B16 C039	2654	1511	15.0 - 16.0	22.0 ± 5.0	< 1.0 ± 0.0	< 1.0 ± 0.0	-a-	
B16 C039	2654	1511	17.0 - 18.0	< 6.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	-a-	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C154	2660	1385	0.5 - 2.0	< 18.0 ± 0.0	11.0 ± 2.0	3.0 ± 2.0	9.2 ± 0.8	
B16 C154	2660	1385	3.0 - 4.0	< 4.0 ± 0.0	4.4 ± 0.8	0.9 ± 0.6	4.8 ± 1.9	
B16 C154	2660	1385	6.0 - 8.0	< 12.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	6.4 ± 0.7	
B16 C154	2660	1385	12.0 - 14.0	< 4.0 ± 0.0	1.2 ± 0.6	< 0.8 ± 0.0	1.0 ± 1.0	
B16 C154	2660	1385	19.0 - 20.0	< 6.0 ± 0.0	1.2 ± 0.6	2.6 ± 0.8	1.2 ± 0.3	
B16 R113	2660	1550	0.9 - 2.0	62.0 ± 15.0	9.0 ± 2.0	3.0 ± 2.0	110.0 ± 10.0	*
B16 R113	2660	1550	3.0 - 4.0	< 4.0 ± 0.0	1.5 ± 0.5	0.5 ± 0.4	3.2 ± 1.6	
B16 R113	2660	1550	7.0 - 8.0	< 15.0 ± 0.0	6.0 ± 2.0	4.0 ± 2.0	1.3 ± 0.3	
B16 R113	2660	1550	15.0 - 16.0	< 7.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	6.6 ± 1.3	
B16 C128	2670	1407	0.5 - 2.0	< 6.0 ± 0.0	6.0 ± 1.0	< 1.0 ± 0.0	< 0.7 ± 0.0	
B16 C128	2670	1407	6.0 - 8.0	< 6.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	1.9 ± 1.2	
B16 C128	2670	1407	14.0 - 15.0	< 20.0 ± 0.0	2.5 ± 0.6	< 2.0 ± 0.0	2.5 ± 1.4	
B16 C128	2670	1407	19.0 - 20.0	< 8.0 ± 0.0	11.0 ± 2.0	3.0 ± 2.0	< 0.8 ± 0.0	
B16 C054	2693	1265	0.0 - 1.0	< 7.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	40.0 ± 2.0	*
B16 C054	2693	1265	1.0 - 2.0	3.0 ± 2.0	3.7 ± 0.8	1.7 ± 0.7	6.5 ± 0.9	
B16 C054	2693	1265	4.0 - 5.0	< 46.0 ± 0.0	6.0 ± 2.0	< 6.0 ± 0.0	2.3 ± 0.5	
B16 C054	2693	1265	10.0 - 12.0	< 10.0 ± 0.0	1.4 ± 0.9	2.0 ± 1.0	1.1 ± 0.3	
B16 C054	2693	1265	16.0 - 18.0	< 8.0 ± 0.0	2.2 ± 0.7	2.0 ± 0.9	1.5 ± 0.4	
B16 R037	2700	1334	1.0 - 2.0	< 13.0 ± 0.0	6.0 ± 1.0	4.0 ± 1.0	5.0 ± 0.8	
B16 R037	2700	1334	4.0 - 6.0	< 8.0 ± 0.0	2.2 ± 0.7	1.8 ± 0.8	1.8 ± 0.4	
B16 R037	2700	1334	12.0 - 14.0	< 25.0 ± 0.0	5.0 ± 2.0	3.0 ± 2.0	2.1 ± 0.6	
B16 R037	2700	1334	15.0 - 16.0	< 14.0 ± 0.0	1.8 ± 0.8	4.0 ± 1.0	1.3 ± 0.4	
B16 C042	2700	1442	0.0 - 1.0	42.0 ± 12.0	13.0 ± 3.0	4.0 ± 2.0	16.0 ± 1.0	S
B16 C042	2700	1442	2.0 - 3.0	< 6.0 ± 0.0	1.0 ± 0.5	1.0 ± 0.6	1.1 ± 0.3	
B16 C042	2700	1442	4.0 - 5.0	< 11.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	4.8 ± 0.6	
B16 C042	2700	1442	6.0 - 7.0	< 28.0 ± 0.0	5.0 ± 2.0	3.0 ± 2.0	1.6 ± 0.4	
B16 C126	2702	1595	1.0 - 2.0	< 16.0 ± 0.0	6.0 ± 2.0	5.0 ± 4.0	6.6 ± 0.7	
B16 C126	2702	1595	6.0 - 7.0	6.0 ± 3.0	1.1 ± 0.5	0.5 ± 0.4	2.0 ± 1.3	
B16 C126	2702	1595	9.0 - 10.0	< 20.0 ± 0.0	7.0 ± 2.0	4.0 ± 4.0	4.7 ± 0.6	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C126	2702	1595	12.0 - 13.0	13.0 ± 7.0	3.8 ± 0.9	1.0 ± 1.0	4.2 ± 1.8	
B16 C126	2702	1595	14.0 - 16.0	< 3.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	1.7 ± 1.2	
B16 C126	2702	1595	18.0 - 20.0	< 19.0 ± 0.0	2.0 ± 0.7	< 2.0 ± 0.0	0.9 ± 0.3	
B16 R130	2703	1370	0.0 - 1.0	< 6.0 ± 0.0	0.6 ± 0.4	< 1.0 ± 0.0	1.5 ± 0.3	
B16 R130	2703	1370	3.0 - 4.0	< 7.0 ± 0.0	1.5 ± 0.5	< 3.0 ± 0.0	1.7 ± 1.2	
B16 R130	2703	1370	7.0 - 8.0	< 19.0 ± 0.0	3.0 ± 2.0	< 2.0 ± 0.0	1.7 ± 0.5	
B16 R130	2703	1370	11.0 - 13.0	< 5.0 ± 0.0	1.7 ± 0.4	1.0 ± 0.4	1.5 ± 1.2	
B16 R130	2703	1370	17.0 - 18.0	< 3.0 ± 0.0	1.5 ± 0.4	1.8 ± 0.8	< 0.8 ± 0.0	
B16 R130	2703	1370	20.0 - 21.0	< 5.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.8	1.1 ± 0.3	
B16 R114	2710	1700	0.0 - 1.0	< 8.0 ± 0.0	43.0 ± 2.0	< 0.9 ± 0.0	16.0 ± 3.0	*
B16 R114	2710	1700	1.0 - 2.0	< 15.0 ± 0.0	9.0 ± 2.0	2.0 ± 2.0	5.8 ± 0.7	
B16 R114	2710	1700	3.0 - 4.0	2.0 ± 2.0	0.9 ± 0.4	< 3.0 ± 0.0	< 0.9 ± 0.0	
B16 R114	2710	1700	6.0 - 8.0	< 15.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	3.5 ± 0.8	
B16 R114	2710	1700	12.0 - 13.0	< 6.0 ± 0.0	1.0 ± 0.5	< 0.4 ± 0.0	1.9 ± 1.2	
B16 R114	2710	1700	17.0 - 18.0	< 6.0 ± 0.0	< 1.0 ± 0.0	2.1 ± 0.9	1.1 ± 0.3	
B16 C020	2720	1831	0.0 - 1.0	< 49.0 ± 0.0	30.0 ± 4.0	< 4.0 ± 0.0	78.0 ± 2.0	*
B16 C020	2720	1831	1.0 - 2.0	< 27.0 ± 0.0	6.0 ± 2.0	< 4.0 ± 0.0	5.7 ± 1.3	
B16 C020	2720	1831	5.0 - 6.0	< 21.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	1.4 ± 0.3	
B16 C020	2720	1831	7.0 - 8.0	< 27.0 ± 0.0	4.0 ± 2.0	< 4.0 ± 0.0	3.2 ± 0.4	
B16 C020	2720	1831	9.0 - 10.0	< 5.0 ± 0.0	2.5 ± 0.8	< 1.0 ± 0.0	-a-	
B16 C020	2720	1831	12.0 - 14.0	< 3.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	-a-	
B16 C030	2749	1791	0.5 - 2.0	< 24.0 ± 0.0	11.0 ± 3.0	6.0 ± 2.0	2.2 ± 0.4	S
B16 C030	2749	1791	2.0 - 3.0	< 34.0 ± 0.0	7.0 ± 3.0	4.0 ± 2.0	4.3 ± 0.8	
B16 C030	2749	1791	4.0 - 6.0	< 17.0 ± 0.0	4.0 ± 2.0	< 2.0 ± 0.0	2.3 ± 0.5	
B16 C129	2750	1515	1.0 - 2.0	12.0 ± 7.0	3.6 ± 0.8	< 1.0 ± 0.0	26.0 ± 1.0	*
B16 C129	2750	1515	2.0 - 3.0	< 6.0 ± 0.0	0.7 ± 0.3	< 0.5 ± 0.0	2.2 ± 1.3	
B16 C129	2750	1515	4.0 - 6.0	< 16.0 ± 0.0	1.4 ± 0.3	0.9 ± 0.7	2.5 ± 1.4	
B16 C129	2750	1515	8.0 - 10.0	< 9.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	4.0 ± 0.6	
B16 C129	2750	1515	14.0 - 15.0	< 8.0 ± 0.0	1.3 ± 0.8	1.2 ± 0.9	3.3 ± 0.5	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R115	2753	1637	0.5 - 2.0	22.0 ± 8.0	4.0 ± 1.0	1.3 ± 1.0	3.2 ± 1.5	
B16 R115	2753	1637	5.0 - 6.0	13.0 ± 4.0	1.2 ± 0.4	< 1.0 ± 0.0	2.6 ± 1.3	
B16 R115	2753	1637	6.0 - 8.0	11.0 ± 4.0	4.9 ± 0.6	1.8 ± 0.8	4.0 ± 1.7	
B16 R115	2753	1637	8.0 - 10.0	< 7.0 ± 0.0	2.6 ± 0.9	< 2.0 ± 0.0	< 0.9 ± 0.0	
B16 R115	2753	1637	10.0 - 12.0	< 5.0 ± 0.0	4.8 ± 0.8	< 0.6 ± 0.0	< 0.9 ± 0.0	
B16 R115	2753	1637	12.0 - 14.0	38.0 ± 23.0	10.0 ± 9.0	< 33.0 ± 0.0	1.6 ± 1.1	S
B16 R115	2753	1637	14.0 - 16.0	< 8.0 ± 0.0	1.5 ± 0.6	< 0.7 ± 0.0	< 0.7 ± 0.0	
B16 R115	2753	1637	16.0 - 17.0	< 16.0 ± 0.0	1.9 ± 0.6	1.8 ± 0.9	< 0.8 ± 0.0	
B16 R115	2753	1637	17.0 - 18.0	< 7.0 ± 0.0	1.0 ± 0.7	1.4 ± 0.5	1.7 ± 1.1	
B16 C032	2760	1698	0.0 - 1.0	< 2.0 ± 0.0	1.2 ± 0.4	1.2 ± 0.4	0.7 ± 0.3	
B16 C032	2760	1698	1.0 - 2.0	< 23.0 ± 0.0	7.0 ± 2.0	3.0 ± 2.0	7.2 ± 0.8	
B16 C032	2760	1698	3.0 - 4.0	< 27.0 ± 0.0	6.0 ± 2.0	5.0 ± 2.0	1.9 ± 0.4	
B16 C032	2760	1698	10.0 - 12.0	< 25.0 ± 0.0	14.0 ± 3.0	2.0 ± 2.0	3.6 ± 0.9	
B16 C032	2760	1698	12.0 - 14.0	< 10.0 ± 0.0	4.0 ± 1.0	1.0 ± 1.0	1.6 ± 0.4	
B16 C032	2760	1698	14.0 - 15.0	< 17.0 ± 0.0	5.0 ± 2.0	3.0 ± 1.0	1.1 ± 0.3	
B16 C140	2765	1260	0.5 - 2.0	22.0 ± 9.0	7.0 ± 2.0	< 2.0 ± 0.0	43.0 ± 2.0	*
B16 C140	2765	1260	3.0 - 4.0	< 12.0 ± 0.0	2.6 ± 0.6	1.0 ± 0.6	1.7 ± 1.2	
B16 C140	2765	1260	8.0 - 10.0	< 21.0 ± 0.0	5.0 ± 2.0	< 3.0 ± 0.0	8.1 ± 0.8	
B16 C140	2765	1260	12.0 - 14.0	< 12.0 ± 0.0	1.9 ± 0.5	3.0 ± 1.0	1.5 ± 1.2	
B16 C140	2765	1260	15.0 - 16.0	< 5.0 ± 0.0	< 0.5 ± 0.0	< 0.5 ± 0.0	< 1.0 ± 0.0	
B16 C140	2765	1260	17.0 - 18.0	< 7.0 ± 0.0	1.4 ± 0.6	2.2 ± 0.8	1.1 ± 0.3	
B16 R029	2768	1441	0.0 - 1.5	< 4.0 ± 0.0	2.4 ± 0.6	0.9 ± 0.6	4.4 ± 0.6	
B16 R029	2768	1441	2.5 - 3.5	< 11.0 ± 0.0	2.0 ± 1.0	1.0 ± 1.0	1.6 ± 0.4	
B16 R029	2768	1441	8.0 - 10.0	< 12.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	0.9 ± 0.3	
B16 R029	2768	1441	15.0 - 16.0	< 21.0 ± 0.0	3.0 ± 1.0	4.0 ± 1.0	1.6 ± 0.5	
B16 R038	2799	1384	2.0 - 4.0	< 15.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	2.6 ± 0.5	
B16 R038	2799	1384	11.0 - 12.0	< 27.0 ± 0.0	6.0 ± 2.0	4.0 ± 2.0	1.8 ± 0.4	
B16 R038	2799	1384	12.0 - 13.0	< 12.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	2.4 ± 0.7	
B16 R038	2799	1384	13.0 - 14.0	< 20.0 ± 0.0	< 2.0 ± 0.0	2.0 ± 2.0	1.9 ± 0.4	

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B16 R038	2799	1384	14.0 - 16.0	< 16.0 ± 0.0	3.0 ± 1.0	4.0 ± 1.0	2.2 ± 0.5
B16 R038	2799	1384	16.0 - 18.0	< 25.0 ± 0.0	1.8 ± 0.9	2.0 ± 1.0	1.4 ± 0.4
B16 C021	2809	1829	0.0 - 1.0	< 40.0 ± 0.0	59.0 ± 6.0	< 5.0 ± 0.0	34.0 ± 3.0 *
B16 C021	2809	1829	1.0 - 2.0	< 45.0 ± 0.0	8.0 ± 3.0	< 7.0 ± 0.0	3.0 ± 0.4
B16 C021	2809	1829	4.0 - 5.0	< 41.0 ± 0.0	3.0 ± 2.0	7.0 ± 3.0	1.4 ± 0.4
B16 C021	2809	1829	8.0 - 9.0	< 37.0 ± 0.0	5.0 ± 2.0	4.0 ± 2.0	3.0 ± 0.6
B16 C021	2809	1829	10.0 - 11.0	< 3.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	-a-
B16 C021	2809	1829	14.0 - 16.0	< 2.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	-a-
B16 R116	2830	1653	1.0 - 2.0	6.2 ± 2.1	1.9 ± 0.5	1.1 ± 0.5	3.2 ± 0.5
B16 R116	2830	1653	6.0 - 7.0	4.5 ± 0.7	4.1 ± 0.2	2.1 ± 0.2	3.7 ± 0.6
B16 R116	2830	1653	15.0 - 16.0	5.0 ± 1.3	3.0 ± 0.3	1.8 ± 0.4	2.5 ± 0.5
B16 C139	2840	1330	2.0 - 4.0	< 5.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	1.5 ± 1.1
B16 C139	2840	1330	5.0 - 6.0	< 6.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	2.7 ± 1.4
B16 C139	2840	1330	8.0 - 10.0	< 5.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	2.8 ± 1.4
B16 C139	2840	1330	19.0 - 20.0	< 3.0 ± 0.0	1.1 ± 0.4	0.7 ± 0.6	< 0.5 ± 0.0
B16 C138	2840	1375	2.0 - 4.0	4.2 ± 2.5	5.4 ± 0.3	1.7 ± 0.6	6.0 ± 0.7
B16 C138	2840	1375	4.0 - 6.0	5.0 ± 2.0	1.8 ± 0.5	< 0.8 ± 0.0	1.9 ± 1.3
B16 C138	2840	1375	6.0 - 8.0	< 3.0 ± 0.0	2.3 ± 0.6	< 0.7 ± 0.0	3.7 ± 1.7
B16 C138	2840	1375	8.0 - 10.0	< 13.0 ± 0.0	3.2 ± 0.6	< 0.7 ± 0.0	3.2 ± 1.6
B16 C138	2840	1375	10.0 - 12.0	< 3.0 ± 0.0	8.7 ± 0.6	2.7 ± 0.6	9.5 ± 1.0
B16 C138	2840	1375	12.0 - 14.0	< 8.0 ± 0.0	1.4 ± 0.6	< 0.7 ± 0.0	1.9 ± 1.3
B16 C138	2840	1375	16.0 - 18.0	< 19.0 ± 0.0	2.5 ± 0.8	< 0.9 ± 0.0	3.2 ± 1.6
B16 C138	2840	1375	18.0 - 20.0	2.4 ± 1.6	1.6 ± 0.3	1.4 ± 0.3	1.5 ± 0.3
B16 C130	2865	1515	1.0 - 2.0	< 9.0 ± 0.0	1.6 ± 0.6	1.6 ± 0.7	2.3 ± 0.4
B16 C130	2865	1515	2.0 - 3.0	6.0 ± 3.0	2.6 ± 0.6	1.2 ± 0.5	10.0 ± 3.0
B16 C130	2865	1515	5.0 - 6.0	< 5.0 ± 0.0	1.2 ± 0.4	0.8 ± 0.4	1.4 ± 1.1
B16 C130	2865	1515	8.0 - 10.0	< 8.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	4.9 ± 0.7
B16 C130	2865	1515	18.0 - 20.0	< 10.0 ± 0.0	2.3 ± 0.7	< 1.0 ± 0.0	1.6 ± 0.4
B16 C127	2865	1785	2.0 - 4.0	6.6 ± 1.4	3.0 ± 0.6	1.5 ± 0.3	2.5 ± 0.5

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C127	2865	1785	8.0 - 10.0	7.3 ± 1.5	4.9 ± 0.1	1.4 ± 0.5	5.6 ± 0.7	
B16 C127	2865	1785	10.0 - 11.0	< 4.0 ± 0.0	3.7 ± 0.9	< 1.0 ± 0.0	3.3 ± 1.6	
B16 C127	2865	1785	11.0 - 12.0	< 7.0 ± 0.0	3.0 ± 2.0	2.3 ± 0.9	6.4 ± 2.1	
B16 C127	2865	1785	12.0 - 13.0	< 10.0 ± 0.0	1.8 ± 0.6	0.9 ± 0.6	9.2 ± 2.5	
B16 C127	2865	1785	13.0 - 14.0	9.0 ± 7.0	2.0 ± 2.0	2.0 ± 1.0	12.0 ± 3.0	
B16 C127	2865	1785	14.0 - 16.0	6.3 ± 3.8	75.0 ± 2.0	2.1 ± 0.3	600.0 ± 40.0	*
B16 C127	2865	1785	16.0 - 17.0	< 14.0 ± 0.0	149.0 ± 4.0	< 6.0 ± 0.0	300.0 ± 20.0	*
B16 C127	2865	1785	17.0 - 18.0	< 5.0 ± 0.0	1.8 ± 0.5	< 0.5 ± 0.0	23.0 ± 4.0	*
B16 C127	2865	1785	18.0 - 20.0	1.3 ± 0.4	4.0 ± 0.1	1.3 ± 0.1	10.0 ± 1.0	
B16 R030	2870	1432	0.7 - 2.0	< 14.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	6.8 ± 0.8	
B16 R030	2870	1432	10.0 - 12.0	< 14.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.7 ± 0.4	
B16 R030	2870	1432	17.0 - 18.0	< 17.0 ± 0.0	2.0 ± 1.0	4.0 ± 1.0	1.4 ± 0.4	
B16 C022	2877	1841	0.0 - 2.0	39.0 ± 12.0	5.0 ± 2.0	6.0 ± 3.0	2.5 ± 0.4	S
B16 C022	2877	1841	3.0 - 4.0	< 38.0 ± 0.0	5.0 ± 2.0	< 5.0 ± 0.0	1.2 ± 0.2	
B16 C022	2877	1841	5.0 - 6.0	< 30.0 ± 0.0	5.0 ± 2.0	< 4.0 ± 0.0	1.3 ± 0.3	
B16 C022	2877	1841	7.0 - 8.0	< 36.0 ± 0.0	3.0 ± 2.0	7.0 ± 3.0	1.4 ± 0.3	
B16 C022	2877	1841	9.0 - 10.0	< 4.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	-a-	
B16 C022	2877	1841	10.0 - 12.0	< 3.0 ± 0.0	1.3 ± 0.4	2.0 ± 1.0	-a-	
B16 R034	2882	1382	1.0 - 2.0	< 4.0 ± 0.0	2.2 ± 0.7	1.9 ± 0.9	3.7 ± 0.6	
B16 R034	2882	1382	2.0 - 3.0	< 14.0 ± 0.0	5.0 ± 2.0	4.0 ± 2.0	6.7 ± 1.2	
B16 R034	2882	1382	4.0 - 5.0	< 14.0 ± 0.0	6.0 ± 2.0	4.0 ± 2.0	7.1 ± 1.2	
B16 R034	2882	1382	9.0 - 10.0	< 13.0 ± 0.0	3.0 ± 2.0	3.0 ± 1.0	4.0 ± 0.6	
B16 C049	2885	1302	1.0 - 3.0	< 35.0 ± 0.0	8.0 ± 2.0	7.0 ± 3.0	3.0 ± 0.6	
B16 C049	2885	1302	5.0 - 6.0	< 38.0 ± 0.0	7.0 ± 3.0	< 5.0 ± 0.0	3.8 ± 0.5	
B16 C049	2885	1302	8.0 - 9.0	< 40.0 ± 0.0	10.0 ± 3.0	9.0 ± 3.0	4.7 ± 0.6	S
B16 C049	2885	1302	10.0 - 11.0	< 2.0 ± 0.0	2.1 ± 1.6	< 1.0 ± 0.0	-a-	
B16 C049	2885	1302	15.0 - 17.0	< 2.0 ± 0.0	1.7 ± 1.3	< 1.0 ± 0.0	-a-	
B16 R117	2899	1700	0.0 - 1.0	< 58.0 ± 0.0	33.0 ± 8.0	140.0 ± 20	9.8 ± 2.5	*
B16 R117	2899	1700	2.0 - 3.0	10.0 ± 7.0	6.0 ± 0.9	10.0 ± 1.0	5.4 ± 2.0	S

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R117	2899	1700	6.0 - 8.0	< 8.0 ± 0.0	8.0 ± 2.0	8.0 ± 3.0	2.9 ± 1.4	
B16 R117	2899	1700	9.0 - 10.0	< 6.0 ± 0.0	2.1 ± 0.6	2.0 ± 1.0	1.7 ± 1.2	
B16 R117	2899	1700	12.0 - 13.0	6.0 ± 4.0	2.5 ± 0.8	2.5 ± 0.8	2.5 ± 1.4	
B16 R117	2899	1700	15.0 - 16.0	< 6.0 ± 0.0	1.6 ± 0.9	2.0 ± 1.0	1.6 ± 1.0	
B16 W05D	2900	1601	0.0 - 2.0	< 12.0 ± 0.0	7.0 ± 2.0	18.0 ± 4.0	27.0 ± 3.0	*
B16 W05D	2900	1601	2.0 - 3.0	< 15.0 ± 0.0	9.0 ± 2.0	22.0 ± 4.0	14.0 ± 2.0	*
B16 W05D	2900	1601	3.0 - 4.0	< 25.0 ± 0.0	8.0 ± 2.0	4.0 ± 2.0	4.3 ± 0.6	
B16 W05D	2900	1601	9.0 - 10.0	< 3.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	-a-	
B16 W05D	2900	1601	11.0 - 12.0	10.0 ± 4.0	2.2 ± 0.7	3.0 ± 1.0	-a-	
B16 W05D	2900	1601	13.0 - 14.0	< 5.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	-a-	
B16 C033	2900	1651	0.0 - 2.0	15.0 ± 9.0	5.0 ± 1.0	7.0 ± 2.0	6.5 ± 0.9	S
B16 C033	2900	1651	2.0 - 3.0	96.0 ± 33.0	6.0 ± 2.0	7.0 ± 3.0	7.7 ± 1.4	*
B16 C033	2900	1651	5.0 - 6.0	< 10.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	2.1 ± 0.4	
B16 C033	2900	1651	8.0 - 10.0	< 14.0 ± 0.0	15.0 ± 4.0	7.0 ± 4.0	10.0 ± 2.0	S
B16 C033	2900	1651	12.0 - 13.0	< 2.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	2.1 ± 0.5	
B16 C033	2900	1651	15.0 - 16.0	< 3.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	1.0 ± 0.3	
B16 C033	2900	1651	17.0 - 18.0	< 3.0 ± 0.0	1.7 ± 1.1	3.0 ± 1.0	1.2 ± 0.3	
B16 C031	2900	1793	0.0 - 1.0	27.0 ± 20.0	5.0 ± 2.0	10.0 ± 3.0	4.3 ± 0.7	S
B16 C031	2900	1793	0.0 - 18.0	< 11.0 ± 0.0	43.0 ± 3.0	3.0 ± 2.0	8.4 ± 1.2	*
B16 C031	2900	1793	1.0 - 2.0	32.0 ± 14.0	12.0 ± 3.0	< 4.0 ± 0.0	3.3 ± 0.5	S
B16 C031	2900	1793	2.0 - 3.0	< 13.0 ± 0.0	7.0 ± 2.0	4.0 ± 2.0	3.4 ± 1.0	
B16 C031	2900	1793	3.0 - 4.0	< 8.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	1.3 ± 0.7	
B16 C031	2900	1793	4.0 - 5.0	15.0 ± 8.0	6.0 ± 2.0	9.0 ± 3.0	3.7 ± 0.5	S
B16 C031	2900	1793	5.0 - 6.0	9.0 ± 5.0	3.0 ± 1.0	4.0 ± 2.0	1.1 ± 0.4	
B16 C031	2900	1793	6.0 - 7.0	20.0 ± 13.0	7.0 ± 2.0	9.0 ± 3.0	2.7 ± 0.8	S
B16 C031	2900	1793	7.0 - 8.0	14.0 ± 5.0	3.0 ± 1.0	3.0 ± 1.0	1.0 ± 0.3	
B16 C031	2900	1793	8.0 - 10.0	< 11.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.9 ± 0.4	
B16 C031	2900	1793	10.0 - 11.0	< 11.0 ± 0.0	4.0 ± 1.0	5.0 ± 2.0	1.5 ± 0.4	
B16 C031	2900	1793	11.0 - 12.0	< 10.0 ± 0.0	2.4 ± 0.9	2.0 ± 1.0	1.6 ± 0.4	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 C031	2900	1793	12.0 - 13.0	<180.0 ± 0.0	2800 ± 100	< 13.0 ± 0.0	430.0 ± 10.0	*
B16 C031	2900	1793	13.0 - 14.0	< 10.0 ± 0.0	37.0 ± 4.0	< 2.0 ± 0.0	1.6 ± 0.4	*
B16 C031	2900	1793	14.0 - 15.0	< 11.0 ± 0.0	71.0 ± 6.0	< 2.0 ± 0.0	20.0 ± 2.0	*
B16 C031	2900	1793	15.0 - 16.0	< 11.0 ± 0.0	6.0 ± 2.0	< 2.0 ± 0.0	1.6 ± 0.3	
B16 C031	2900	1793	16.0 - 17.0	< 12.0 ± 0.0	10.0 ± 3.0	< 2.0 ± 0.0	1.9 ± 0.4	
B16 C031	2900	1793	17.0 - 18.0	< 12.0 ± 0.0	4.0 ± 1.0	< 2.0 ± 0.0	1.2 ± 0.4	
B16 C031	2900	1793	19.0 - 20.0	< 18.0 ± 0.0	8.0 ± 2.0	4.0 ± 1.0	1.7 ± 0.4	
B16 C031	2900	1793	20.0 - 21.0	< 11.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	2.1 ± 0.6	
B16 C031	2900	1793	21.0 - 22.0	< 16.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.5 ± 0.3	
B16 C031	2900	1793	22.0 - 23.0	< 12.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	2.5 ± 0.7	
B16 C031	2900	1793	23.0 - 24.0	< 12.0 ± 0.0	2.4 ± 0.9	1.0 ± 1.0	1.7 ± 0.5	
B16 C031	2900	1793	24.0 - 25.0	< 9.0 ± 0.0	2.8 ± 0.9	2.0 ± 1.0	1.7 ± 0.5	
B16 C048	2901	1330	1.0 - 2.0	< 4.0 ± 0.0	2.1 ± 0.6	1.2 ± 0.8	3.0 ± 0.7	
B16 C048	2901	1330	2.0 - 3.0	< 35.0 ± 0.0	14.0 ± 4.0	< 3.0 ± 0.0	7.8 ± 1.3	
B16 C048	2901	1330	7.0 - 8.0	< 22.0 ± 0.0	8.0 ± 2.0	7.0 ± 3.0	2.8 ± 0.5	
B16 C048	2901	1330	11.0 - 13.0	< 52.0 ± 0.0	12.0 ± 4.0	11.0 ± 5.0	3.9 ± 0.6	S
B16 C048	2901	1330	13.0 - 15.0	< 6.0 ± 0.0	5.0 ± 2.0	< 1.0 ± 0.0	-a-	
B16 C048	2901	1330	17.0 - 19.0	< 4.0 ± 0.0	1.7 ± 1.0	2.0 ± 1.0	-a-	
B16 C131	2903	1511	1.0 - 2.0	< 6.0 ± 0.0	3.0 ± 2.0	2.0 ± 2.0	4.5 ± 1.7	
B16 C131	2903	1511	4.0 - 5.0	< 7.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	3.7 ± 1.6	
B16 C131	2903	1511	8.0 - 10.0	< 5.0 ± 0.0	3.4 ± 0.8	< 0.8 ± 0.0	1.2 ± 1.1	
B16 C131	2903	1511	14.0 - 16.0	< 4.0 ± 0.0	2.4 ± 0.7	1.7 ± 0.9	1.0 ± 0.8	
B16 R040	2910	1273	0.5 - 2.5	19.0 ± 7.0	1.5 ± 0.6	1.3 ± 0.6	3.7 ± 1.1	
B16 R040	2910	1273	9.0 - 10.0	< 12.0 ± 0.0	5.0 ± 2.0	4.0 ± 2.0	2.2 ± 0.4	
B16 R040	2910	1273	14.0 - 16.0	< 19.0 ± 0.0	4.0 ± 2.0	< 2.0 ± 0.0	1.5 ± 0.6	
B16 R035	2921	1307	0.0 - 1.0	< 19.0 ± 0.0	1.7 ± 0.8	3.0 ± 1.0	1.1 ± 0.3	
B16 R035	2921	1307	1.0 - 3.0	< 17.0 ± 0.0	5.0 ± 1.0	4.0 ± 2.0	2.6 ± 0.8	
B16 R035	2921	1307	5.0 - 7.0	< 13.0 ± 0.0	2.2 ± 0.9	3.0 ± 1.0	1.4 ± 0.3	
B16 R035	2921	1307	13.0 - 14.0	< 67.0 ± 0.0	7.0 ± 3.0	< 9.0 ± 0.0	3.4 ± 0.6	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R035	2921	1307	15.0 - 16.0	< 4.0 ± 0.0	< 1.0 ± 0.0	1.1 ± 0.7	3.4 ± 0.6	
B16 R035	2921	1307	17.0 - 18.0	< 2.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	-a-	
B16 R133	2934	1228	1.0 - 2.0	27.0 ± 10.0	5.0 ± 1.0	2.0 ± 2.0	9.0 ± 0.8	S
B16 R133	2934	1228	2.0 - 3.0	< 9.0 ± 0.0	2.8 ± 0.7	< 0.7 ± 0.0	6.4 ± 2.1	
B16 R133	2934	1228	3.0 - 4.0	< 2.0 ± 0.0	1.2 ± 0.4	< 0.5 ± 0.0	2.4 ± 1.4	
B16 R133	2934	1228	4.0 - 6.0	< 27.0 ± 0.0	2.0 ± 2.0	< 3.0 ± 0.0	4.9 ± 0.7	
B16 R133	2934	1228	7.0 - 8.0	< 6.0 ± 0.0	1.0 ± 0.4	< 0.6 ± 0.0	1.5 ± 1.2	
B16 R133	2934	1228	11.0 - 12.0	< 22.0 ± 0.0	2.0 ± 1.0	< 4.0 ± 0.0	1.1 ± 0.4	
B16 R134	2938	1108	0.5 - 2.0	26.0 ± 12.0	6.0 ± 2.0	3.0 ± 2.0	6.3 ± 0.8	
B16 R134	2938	1108	2.0 - 4.0	6.0 ± 3.0	1.7 ± 0.6	1.0 ± 0.6	2.0 ± 1.3	
B16 R134	2938	1108	4.0 - 5.0	< 5.0 ± 0.0	2.1 ± 0.7	2.4 ± 0.8	1.5 ± 1.2	
B16 R134	2938	1108	5.0 - 6.0	< 12.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	4.1 ± 0.8	
B16 R134	2938	1108	8.0 - 9.0	5.0 ± 4.0	1.2 ± 0.4	1.1 ± 0.5	1.7 ± 1.2	
B16 R134	2938	1108	11.0 - 12.0	< 9.0 ± 0.0	2.2 ± 0.9	1.0 ± 1.0	1.4 ± 0.4	
B16 C047	2945	1401	1.0 - 3.0	< 12.0 ± 0.0	6.0 ± 1.0	< 1.0 ± 0.0	3.9 ± 0.9	
B16 C047	2945	1401	5.0 - 7.0	< 12.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	2.4 ± 0.9	
B16 C047	2945	1401	9.0 - 10.0	< 8.0 ± 0.0	2.8 ± 0.8	2.0 ± 1.0	1.3 ± 0.5	
B16 C142	2952	1038	0.0 - 1.0	< 13.0 ± 0.0	8.0 ± 2.0	< 1.0 ± 0.0	14.0 ± 2.0	
B16 C142	2952	1038	2.0 - 3.0	6.0 ± 6.0	5.5 ± 0.9	< 1.0 ± 0.0	2.7 ± 1.5	
B16 C142	2952	1038	4.0 - 6.0	< 9.0 ± 0.0	1.8 ± 0.8	< 1.0 ± 0.0	3.7 ± 1.0	
B16 C142	2952	1038	10.0 - 12.0	< 8.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	1.6 ± 0.4	
B16 R031	2980	1418	0.0 - 0.8	< 5.0 ± 0.0	0.6 ± 0.4	1.0 ± 0.5	0.6 ± 0.2	
B16 R031	2980	1418	1.0 - 2.0	41.0 ± 11.0	4.0 ± 1.0	2.0 ± 1.0	5.3 ± 0.7	S
B16 R031	2980	1418	4.0 - 6.0	17.0 ± 7.0	4.0 ± 1.0	1.0 ± 1.0	2.0 ± 0.4	
B16 R031	2980	1418	6.0 - 8.0	21.0 ± 13.0	5.0 ± 2.0	2.0 ± 2.0	5.3 ± 1.3	
B16 R031	2980	1418	8.0 - 10.0	< 20.0 ± 0.0	3.0 ± 1.0	2.0 ± 2.0	2.1 ± 0.4	
B16 R118	2996	1837	0.5 - 2.0	< 5.0 ± 0.0	1.9 ± 0.4	< 2.0 ± 0.0	0.7 ± 0.7	
B16 R118	2996	1837	4.0 - 6.0	< 4.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	0.9 ± 0.8	
B16 R118	2996	1837	10.0 - 12.0	< 9.0 ± 0.0	0.7 ± 0.3	0.7 ± 0.3	1.2 ± 1.1	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R118	2996	1837	15.0 - 16.0	< 6.0 ± 0.0	1.1 ± 0.4	0.7 ± 0.4	0.9 ± 0.8
B16 C143	3000	1050	0.0 - 1.0	< 15.0 ± 0.0	4.0 ± 2.0	4.0 ± 2.0	6.0 ± 0.8
B16 C143	3000	1050	3.0 - 4.0	< 15.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	7.2 ± 1.1
B16 C143	3000	1050	5.0 - 6.0	< 21.0 ± 0.0	1.6 ± 0.7	1.5 ± 0.7	1.5 ± 1.2
B16 C143	3000	1050	8.0 - 9.0	< 8.0 ± 0.0	1.5 ± 0.4	< 0.8 ± 0.0	1.5 ± 1.2
B16 C143	3000	1050	12.0 - 14.0	< 9.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.6 ± 0.4
B16 W07D	3006	1300	0.5 - 1.0	< 16.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.9 ± 0.4
B16 W07D	3006	1300	2.0 - 3.0	< 16.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.6 ± 0.5
B16 W07D	3006	1300	5.0 - 6.0	< 34.0 ± 0.0	7.0 ± 3.0	3.0 ± 3.0	5.0 ± 0.7
B16 W07D	3006	1300	8.0 - 10.0	< 48.0 ± 0.0	7.0 ± 5.0	9.0 ± 5.0	4.4 ± 0.6
B16 W07D	3006	1300	15.0 - 16.0	< 2.0 ± 0.0	1.0 ± 0.4	< 1.0 ± 0.0	-a-
B16 R039	3010	1354	0.2 - 1.0	< 8.0 ± 0.0	3.3 ± 0.9	1.0 ± 1.0	1.4 ± 0.4
B16 R039	3010	1354	2.0 - 3.0	< 10.0 ± 0.0	2.6 ± 0.7	2.0 ± 1.0	1.5 ± 0.4
B16 R039	3010	1354	3.0 - 4.0	22.0 ± 7.0	3.0 ± 1.0	5.0 ± 2.0	3.2 ± 0.5
B16 R039	3010	1354	4.0 - 5.0	< 13.0 ± 0.0	6.0 ± 2.0	2.0 ± 1.0	3.0 ± 0.5
B16 R039	3010	1354	19.0 - 20.0	< 6.0 ± 0.0	2.2 ± 0.6	2.0 ± 0.9	1.8 ± 0.4
B16 R135	3013	1145	0.0 - 2.0	< 10.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	12.0 ± 1.0
B16 R135	3013	1145	4.0 - 6.0	15.0 ± 8.0	5.0 ± 1.0	< 2.0 ± 0.0	8.1 ± 1.4
B16 R135	3013	1145	6.0 - 7.0	4.0 ± 2.0	1.8 ± 0.5	< 0.7 ± 0.0	3.0 ± 1.5
B16 R135	3013	1145	7.0 - 8.0	< 6.0 ± 0.0	1.2 ± 0.4	0.6 ± 0.4	1.9 ± 1.3
B16 R135	3013	1145	9.0 - 10.0	< 7.0 ± 0.0	0.9 ± 0.5	0.8 ± 0.6	< 1.0 ± 0.0
B16 R135	3013	1145	11.0 - 12.0	< 7.0 ± 0.0	1.9 ± 0.6	1.6 ± 0.8	1.3 ± 0.4
B16 C055	3024	1243	0.0 - 2.0	< 40.0 ± 0.0	8.0 ± 3.0	4.0 ± 3.0	9.6 ± 1.0
B16 C055	3024	1243	2.0 - 4.0	< 25.0 ± 0.0	11.0 ± 3.0	6.0 ± 3.0	6.9 ± 0.8 S
B16 C055	3024	1243	6.0 - 8.0	< 14.0 ± 0.0	5.0 ± 2.0	4.0 ± 2.0	2.7 ± 0.5
B16 C133	3025	1505	0.5 - 2.0	< 14.0 ± 0.0	9.0 ± 2.0	2.0 ± 1.0	4.7 ± 0.7
B16 C133	3025	1505	2.0 - 4.0	6.0 ± 5.0	3.0 ± 1.0	< 1.0 ± 0.0	1.2 ± 1.1
B16 C133	3025	1505	4.0 - 6.0	< 10.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	4.4 ± 0.7
B16 C133	3025	1505	10.0 - 12.0	< 7.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	1.2 ± 0.5

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 C132	3033	1695	1.0 - 2.0	< 8.0 ± 0.0	2.9 ± 0.8	1.0 ± 0.9	1.2 ± 0.3
B16 C132	3033	1695	2.0 - 4.0	< 12.0 ± 0.0	0.8 ± 0.5	< 0.7 ± 0.0	3.0 ± 1.5
B16 C132	3033	1695	6.0 - 8.0	< 2.0 ± 0.0	0.9 ± 0.3	0.7 ± 0.5	1.2 ± 1.1
B16 C132	3033	1695	10.0 - 12.0	< 8.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.6 ± 0.4
B16 C132	3033	1695	14.0 - 16.0	< 7.0 ± 0.0	2.0 ± 0.9	< 1.0 ± 0.0	1.9 ± 0.5
B16 C043	3050	1400	0.2 - 1.0	< 18.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	3.1 ± 0.5
B16 C043	3050	1400	1.0 - 2.0	< 23.0 ± 0.0	3.0 ± 2.0	< 2.0 ± 0.0	3.2 ± 0.6
B16 C043	3050	1400	2.0 - 3.0	< 25.0 ± 0.0	3.0 ± 1.0	5.0 ± 2.0	2.3 ± 0.5
B16 C043	3050	1400	5.0 - 6.0	< 8.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	4.9 ± 0.7
B16 R119	3050	1600	0.5 - 2.0	< 6.0 ± 0.0	0.7 ± 0.4	< 1.0 ± 0.0	1.4 ± 1.0
B16 R119	3050	1600	6.0 - 8.0	< 5.0 ± 0.0	1.9 ± 0.4	0.9 ± 0.5	2.0 ± 1.2
B16 R119	3050	1600	9.0 - 10.0	< 12.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	2.8 ± 1.4
B16 R119	3050	1600	14.0 - 16.0	< 3.0 ± 0.0	0.8 ± 0.7	1.1 ± 0.4	< 0.6 ± 0.0
B16 C056	3058	1337	0.0 - 2.0	41.0 ± 15.0	7.0 ± 2.0	4.0 ± 3.0	3.3 ± 0.5 S
B16 C056	3058	1337	2.0 - 4.0	21.0 ± 19.0	11.0 ± 3.0	< 3.0 ± 0.0	16.0 ± 1.0 S
B16 C056	3058	1337	5.0 - 6.0	< 11.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	3.9 ± 0.5
B16 C056	3058	1337	6.0 - 8.0	< 7.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	3.4 ± 0.5
B16 C134	3100	1836	0.5 - 2.0	< 6.0 ± 0.0	1.1 ± 0.9	1.0 ± 0.8	1.9 ± 1.2
B16 C134	3100	1836	4.0 - 6.0	< 3.0 ± 0.0	2.1 ± 0.6	0.6 ± 0.5	3.0 ± 1.5
B16 C134	3100	1836	12.0 - 14.0	< 6.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.0 ± 0.9
B16 C141	3122	1515	0.5 - 2.0	< 4.0 ± 0.0	2.1 ± 0.8	1.9 ± 0.9	1.6 ± 1.0
B16 C141	3122	1515	4.0 - 5.0	< 8.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	< 0.7 ± 0.0
B16 C141	3122	1515	7.0 - 8.0	< 10.0 ± 0.0	1.6 ± 0.6	2.7 ± 0.6	1.4 ± 1.1
B16 C141	3122	1515	10.0 - 12.0	7.0 ± 2.0	2.1 ± 0.4	1.5 ± 0.4	1.5 ± 1.2
B16 C141	3122	1515	16.0 - 18.0	< 10.0 ± 0.0	4.0 ± 2.0	< 2.0 ± 0.0	1.3 ± 0.9
B16 R120	3125	1700	0.5 - 2.0	< 5.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.3 ± 0.9
B16 R120	3125	1700	4.0 - 6.0	< 4.0 ± 0.0	< 1.0 ± 0.0	1.8 ± 0.7	1.3 ± 0.9
B16 R120	3125	1700	13.0 - 14.0	< 5.0 ± 0.0	1.4 ± 0.5	2.1 ± 0.9	0.8 ± 0.7
B16 R154	3140	1032	0.0 - 1.0	< 22.0 ± 0.0	7.0 ± 2.0	< 2.0 ± 0.0	4.6 ± 0.7

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R154	3140	1032	1.0 - 2.0	1.0 ± 0.7	< 16.0 ± 0.0	5.0 ± 1.0	3.8 ± 1.7
B16 R154	3140	1032	4.0 - 5.0	1.1 ± 0.5	< 4.0 ± 0.0	1.1 ± 0.4	1.9 ± 1.3
B16 R154	3140	1032	7.0 - 8.0	0.6 ± 0.4	< 12.0 ± 0.0	1.5 ± 0.5	2.4 ± 1.4
B16 R154	3140	1032	9.0 - 10.0	< 9.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	4.2 ± 1.4
B16 R154	3140	1032	12.0 - 13.0	1.7 ± 0.8	< 6.0 ± 0.0	1.8 ± 0.5	2.0 ± 1.3
B16 R154	3140	1032	16.0 - 18.0	< 9.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	1.3 ± 0.4
B16 R122	3168	1836	0.5 - 2.0	< 7.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	3.4 ± 1.5
B16 R122	3168	1836	4.0 - 6.0	< 10.0 ± 0.0	0.9 ± 0.2	1.2 ± 0.3	1.5 ± 1.2
B16 R122	3168	1836	10.0 - 12.0	< 4.0 ± 0.0	1.6 ± 0.5	0.6 ± 0.3	< 0.6 ± 0.0
B16 R122	3168	1836	14.0 - 16.0	< 6.0 ± 0.0	0.7 ± 0.3	< 0.4 ± 0.0	1.9 ± 1.2
B16 R122	3168	1836	19.0 - 20.0	< 7.0 ± 0.0	0.8 ± 0.5	1.7 ± 0.4	1.1 ± 0.9
B16 R151	3180	1200	0.0 - 1.0	< 22.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	5.4 ± 0.6
B16 R151	3180	1200	2.0 - 3.0	1.6 ± 0.7	< 6.0 ± 0.0	4.0 ± 0.8	4.2 ± 1.8
B16 R151	3180	1200	4.0 - 5.0	< 12.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	4.2 ± 0.6
B16 R151	3180	1200	8.0 - 9.0	1.5 ± 0.5	< 4.0 ± 0.0	2.5 ± 0.5	1.7 ± 1.2
B16 R151	3180	1200	14.0 - 16.0	< 17.0 ± 0.0	2.0 ± 2.0	< 2.0 ± 0.0	1.5 ± 0.4
B16 R146	3205	1400	0.0 - 1.0	< 12.0 ± 0.0	5.0 ± 2.0	3.0 ± 2.0	8.9 ± 1.0
B16 R146	3205	1400	2.0 - 3.0	< 12.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	3.0 ± 1.1
B16 R146	3205	1400	5.0 - 6.0	< 12.0 ± 0.0	2.9 ± 0.9	2.0 ± 1.0	4.0 ± 1.7
B16 R146	3205	1400	10.0 - 11.0	< 6.0 ± 0.0	2.8 ± 0.8	2.0 ± 1.0	1.9 ± 1.3
B16 R146	3205	1400	13.0 - 14.0	< 7.0 ± 0.0	1.8 ± 0.8	2.0 ± 1.0	0.7 ± 0.2
B16 R148	3214	1300	0.0 - 1.0	< 7.0 ± 0.0	2.7 ± 0.7	0.8 ± 0.7	4.7 ± 0.6
B16 R148	3214	1300	3.0 - 4.0	< 10.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	3.9 ± 1.0
B16 R148	3214	1300	7.0 - 8.0	< 11.0 ± 0.0	1.6 ± 0.5	0.8 ± 0.6	2.7 ± 1.5
B16 R148	3214	1300	11.0 - 12.0	< 8.0 ± 0.0	5.1 ± 0.9	2.0 ± 1.0	3.5 ± 1.6
B16 R148	3214	1300	15.0 - 16.0	< 6.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	0.8 ± 0.3
B16 R142	3230	1635	0.0 - 1.0	11.0 ± 6.0	1.9 ± 0.8	2.6 ± 0.9	4.4 ± 0.6
B16 R142	3230	1635	2.0 - 3.0	< 9.0 ± 0.0	1.2 ± 0.9	1.3 ± 1.1	2.5 ± 0.5
B16 R142	3230	1635	5.0 - 6.0	< 5.0 ± 0.0	0.5 ± 0.3	< 1.0 ± 0.0	< 0.8 ± 0.0

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R142	3230	1635	9.0 - 10.0	< 13.0 ± 0.0	1.1 ± 0.5	1.1 ± 0.6	< 1.0 ± 0.0
B16 R142	3230	1635	15.0 - 16.0	< 6.0 ± 0.0	0.8 ± 0.6	1.1 ± 0.9	0.9 ± 0.3
B16 W08D	3231	1258	0.0 - 2.0	< 7.0 ± 0.0	3.0 ± 1.0	0.9 ± 0.8	4.6 ± 0.7
B16 W08D	3231	1258	2.0 - 3.0	< 8.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	2.6 ± 0.4
B16 W08D	3231	1258	5.0 - 6.0	< 10.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	1.2 ± 0.7
B16 W08D	3231	1258	11.0 - 12.0	< 5.0 ± 0.0	1.5 ± 0.9	2.0 ± 1.0	1.9 ± 0.7
B16 W06D	3273	1629	0.0 - 1.0	17.0 ± 7.0	5.0 ± 1.0	2.0 ± 1.0	3.9 ± 1.0
B16 W06D	3273	1629	2.0 - 3.0	< 7.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	3.5 ± 0.8
B16 W06D	3273	1629	4.0 - 6.0	< 6.0 ± 0.0	3.0 ± 1.0	1.5 ± 0.8	2.5 ± 0.7
B16 W06D	3273	1629	8.0 - 10.0	< 7.0 ± 0.0	1.8 ± 0.9	2.0 ± 1.0	1.8 ± 0.7
B16 R140	3300	1700	0.0 - 1.0	8.0 ± 6.0	3.6 ± 0.9	1.0 ± 1.0	7.9 ± 0.9
B16 R140	3300	1700	1.0 - 2.0	< 6.0 ± 0.0	1.2 ± 0.4	2.1 ± 0.7	1.4 ± 1.1
B16 R140	3300	1700	3.0 - 4.0	< 14.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	< 1.0 ± 0.0
B16 R140	3300	1700	5.0 - 6.0	< 10.0 ± 0.0	1.8 ± 0.7	1.1 ± 0.7	2.5 ± 1.4
B16 R140	3300	1700	8.0 - 10.0	< 9.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	6.5 ± 0.9
B16 R140	3300	1700	13.0 - 14.0	< 11.0 ± 0.0	1.0 ± 0.6	0.8 ± 0.7	1.5 ± 1.2
B16 R140	3300	1700	19.0 - 20.0	< 4.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	1.1 ± 0.3
B16 C147	3305	1500	0.0 - 1.0	< 9.0 ± 0.0	6.0 ± 1.0	2.0 ± 1.0	7.8 ± 0.9
B16 C147	3305	1500	1.0 - 2.0	1.7 ± 0.8	< 6.0 ± 0.0	1.6 ± 0.5	1.5 ± 1.2
B16 C147	3305	1500	4.0 - 6.0	< 4.0 ± 0.0	1.0 ± 0.4	0.7 ± 0.4	2.4 ± 1.4
B16 C147	3305	1500	9.0 - 10.0	< 4.0 ± 0.0	0.7 ± 0.4	0.9 ± 0.4	2.2 ± 1.3
B16 C147	3305	1500	12.0 - 13.0	< 5.0 ± 0.0	1.6 ± 0.5	2.0 ± 0.8	< 0.8 ± 0.0
B16 C147	3305	1500	15.0 - 16.0	< 4.0 ± 0.0	6.0 ± 1.0	< 1.0 ± 0.0	6.8 ± 0.7
B16 C147	3305	1500	19.0 - 20.0	< 6.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.3
B16 R137	3315	1918	0.0 - 1.0	< 9.0 ± 0.0	3.1 ± 0.8	2.0 ± 1.0	1.9 ± 0.4
B16 R137	3315	1918	1.0 - 2.0	2.0 ± 0.8	< 5.0 ± 0.0	0.7 ± 0.5	1.2 ± 1.1
B16 R137	3315	1918	6.0 - 8.0	< 10.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	3.1 ± 0.5
B16 R137	3315	1918	10.0 - 12.0	0.5 ± 0.3	< 5.0 ± 0.0	0.5 ± 0.2	2.7 ± 1.5
B16 R137	3315	1918	15.0 - 16.0	< 6.0 ± 0.0	1.4 ± 0.6	1.4 ± 0.8	< 1.0 ± 0.0

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R150	3360	1250	0.0 - 1.0	< 10.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	5.5 ± 0.6
B16 R150	3360	1250	2.0 - 3.0	1.0 ± 0.4	< 6.0 ± 0.0	2.8 ± 0.5	2.5 ± 1.4
B16 R150	3360	1250	4.0 - 5.0	< 2.0 ± 0.0	< 12.0 ± 0.0	4.6 ± 0.9	2.0 ± 1.3
B16 R150	3360	1250	6.0 - 7.0	< 7.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	5.1 ± 0.6
B16 R150	3360	1250	10.0 - 12.0	2.7 ± 0.7	< 6.0 ± 0.0	2.9 ± 0.9	< 0.5 ± 0.0
B16 R150	3360	1250	14.0 - 15.0	< 1.0 ± 0.0	< 9.0 ± 0.0	4.0 ± 3.0	1.4 ± 1.1
B16 R150	3360	1250	17.0 - 18.0	< 12.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	9.5 ± 0.8
B16 R150	3360	1250	19.0 - 20.0	2.8 ± 1.0	< 8.0 ± 0.0	3.4 ± 0.7	3.8 ± 1.7
B16 R143	3395	1601	0.0 - 1.0	< 11.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	6.4 ± 0.7
B16 R143	3395	1601	1.0 - 2.0	< 4.0 ± 0.0	2.0 ± 0.6	0.7 ± 0.5	1.4 ± 1.1
B16 R143	3395	1601	3.0 - 4.0	< 8.0 ± 0.0	4.4 ± 1.0	2.5 ± 0.9	2.4 ± 1.4
B16 R143	3395	1601	4.0 - 6.0	< 11.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	4.0 ± 0.5
B16 R143	3395	1601	10.0 - 11.0	< 6.0 ± 0.0	2.0 ± 0.7	1.3 ± 0.7	2.0 ± 1.3
B16 R143	3395	1601	16.0 - 18.0	< 13.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.1 ± 0.3
B16 R152	3400	1200	0.0 - 2.0	< 8.0 ± 0.0	3.0 ± 0.8	< 1.0 ± 0.0	2.9 ± 0.5
B16 R152	3400	1200	4.0 - 6.0	1.7 ± 1.0	< 6.0 ± 0.0	1.8 ± 0.7	1.4 ± 1.1
B16 R152	3400	1200	8.0 - 10.0	< 2.0 ± 0.0	< 9.0 ± 0.0	1.5 ± 0.4	1.5 ± 1.2
B16 R152	3400	1200	14.0 - 16.0	< 8.0 ± 0.0	2.5 ± 0.8	1.5 ± 0.8	1.4 ± 0.3
B16 R152	3400	1200	18.0 - 20.0	< 7.0 ± 0.0	2.4 ± 0.8	3.0 ± 1.0	1.5 ± 0.3
B16 C148	3400	1400	0.0 - 1.0	< 13.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	3.1 ± 0.5
B16 C148	3400	1400	1.0 - 2.0	< 3.0 ± 0.0	0.6 ± 0.3	1.0 ± 0.5	1.7 ± 1.2
B16 C148	3400	1400	4.0 - 5.0	< 3.0 ± 0.0	0.9 ± 0.4	1.3 ± 0.5	1.5 ± 1.2
B16 C148	3400	1400	7.0 - 8.0	< 8.0 ± 0.0	2.8 ± 0.9	< 1.0 ± 0.0	4.5 ± 1.8
B16 C148	3400	1400	10.0 - 12.0	< 9.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	5.2 ± 1.0
B16 C148	3400	1400	14.0 - 15.0	< 6.0 ± 0.0	2.7 ± 0.8	1.0 ± 1.0	3.7 ± 1.7
B16 C148	3400	1400	18.0 - 20.0	< 12.0 ± 0.0	5.0 ± 1.0	4.0 ± 2.0	6.5 ± 0.8
B16 C145	3400	1800	0.0 - 1.0	< 10.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	7.6 ± 0.7
B16 C145	3400	1800	2.0 - 4.0	< 9.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	10.0 ± 1.0
B16 C145	3400	1800	6.0 - 7.0	1.4 ± 0.7	< 6.0 ± 0.0	2.3 ± 0.7	2.0 ± 1.3

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Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 C145	3400	1800	10.0 - 11.0	2.0 ± 1.0	< 11.0 ± 0.0	2.6 ± 1.0	1.2 ± 1.1
B16 C145	3400	1800	14.0 - 16.0	< 9.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	2.1 ± 0.4
B16 C145	3400	1800	20.0 - 21.0	1.6 ± 0.7	< 5.0 ± 0.0	1.7 ± 0.5	1.0 ± 1.0
B16 C145	3400	1800	27.0 - 28.0	1.9 ± 0.9	< 7.0 ± 0.0	3.1 ± 0.7	1.5 ± 1.2
B16 C145	3400	1800	31.0 - 32.0	< 7.0 ± 0.0	0.8 ± 0.6	2.3 ± 0.8	1.0 ± 0.5
B16 R136	3435	2020	0.0 - 1.0	< 14.0 ± 0.0	2.0 ± 2.0	4.0 ± 2.0	1.1 ± 0.3
B16 R136	3435	2020	1.0 - 2.0	1.6 ± 0.9	< 6.0 ± 0.0	1.4 ± 0.7	< 0.9 ± 0.0
B16 R136	3435	2020	4.0 - 5.0	1.1 ± 0.6	< 4.0 ± 0.0	2.3 ± 0.6	3.2 ± 1.6
B16 R136	3435	2020	9.0 - 10.0	1.1 ± 0.5	< 4.0 ± 0.0	1.2 ± 0.5	2.0 ± 1.3
B16 R136	3435	2020	13.0 - 14.0	< 17.0 ± 0.0	< 1.0 ± 0.0	< 2.0 ± 0.0	1.0 ± 0.3
B16 R136	3435	2020	18.0 - 19.0	2.5 ± 1.0	< 8.0 ± 0.0	1.5 ± 1.1	< 0.8 ± 0.0
B16 R136	3435	2020	23.0 - 24.0	< 7.0 ± 0.0	1.5 ± 0.8	3.0 ± 1.0	0.9 ± 0.3
B16 R136	3435	2020	26.0 - 27.0	< 1.0 ± 0.0	< 4.0 ± 0.0	0.8 ± 0.5	< 1.0 ± 0.0
B16 R145	3500	1500	0.0 - 1.0	< 9.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	1.6 ± 0.3
B16 R145	3500	1500	2.0 - 3.0	< 3.0 ± 0.0	0.7 ± 0.3	1.2 ± 0.5	< 0.8 ± 0.0
B16 R145	3500	1500	6.0 - 7.0	< 6.0 ± 0.0	1.0 ± 0.4	1.7 ± 0.4	1.5 ± 1.2
B16 R145	3500	1500	9.0 - 10.0	< 8.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	0.8 ± 0.3
B16 R145	3500	1500	13.0 - 14.0	< 2.0 ± 0.0	0.5 ± 0.2	0.9 ± 0.4	1.5 ± 1.2
B16 R145	3500	1500	19.0 - 20.0	< 7.0 ± 0.0	1.9 ± 0.6	< 1.0 ± 0.0	0.8 ± 0.3
B16 R141	3500	1700	0.0 - 1.0	< 4.0 ± 0.0	1.3 ± 0.5	1.2 ± 0.6	1.2 ± 0.3
B16 R141	3500	1700	2.0 - 3.0	< 12.0 ± 0.0	0.7 ± 0.4	1.1 ± 0.5	1.0 ± 1.0
B16 R141	3500	1700	6.0 - 7.0	< 6.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.8	2.4 ± 1.4
B16 R141	3500	1700	10.0 - 11.0	< 16.0 ± 0.0	9.0 ± 2.0	< 2.0 ± 0.0	4.8 ± 0.7
B16 R141	3500	1700	12.0 - 13.0	< 14.0 ± 0.0	4.0 ± 1.0	1.4 ± 0.8	2.0 ± 1.3
B16 R141	3500	1700	16.0 - 17.0	< 4.0 ± 0.0	1.7 ± 0.5	1.3 ± 0.7	1.0 ± 1.0
B16 R141	3500	1700	21.0 - 22.0	< 5.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	2.4 ± 0.5
B16 R138	3500	1925	0.0 - 1.0	< 6.0 ± 0.0	2.3 ± 0.7	< 1.0 ± 0.0	1.2 ± 0.3
B16 R138	3500	1925	1.0 - 2.0	1.6 ± 0.7	< 4.0 ± 0.0	0.9 ± 0.4	< 0.8 ± 0.0
B16 R138	3500	1925	5.0 - 6.0	1.8 ± 0.8	< 3.0 ± 0.0	0.7 ± 0.3	1.2 ± 1.1

Document ID(s): 20722-258A

Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R138	3500	1925	10.0 - 11.0	0.6 ± 0.4	< 3.0 ± 0.0	0.6 ± 0.3	1.0 ± 1.0
B16 R138	3500	1925	15.0 - 16.0	< 15.0 ± 0.0	6.0 ± 2.0	2.0 ± 2.0	5.3 ± 0.8
B16 R138	3500	1925	21.0 - 22.0	< 22.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	4.6 ± 0.6
B16 R138	3500	1925	25.0 - 26.0	0.6 ± 0.4	< 3.0 ± 0.0	0.6 ± 0.4	< 0.8 ± 0.0
B16 R138	3500	1925	33.0 - 34.0	3.3 ± 0.9	< 4.0 ± 0.0	1.8 ± 0.8	< 0.9 ± 0.0
B16 C149	3505	1300	0.0 - 1.0	< 33.0 ± 0.0	4.0 ± 3.0	< 3.0 ± 0.0	2.1 ± 0.4
B16 C149	3505	1300	4.0 - 5.0	< 15.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	2.7 ± 1.5
B16 C149	3505	1300	11.0 - 12.0	< 9.0 ± 0.0	1.6 ± 0.6	0.9 ± 0.6	4.3 ± 1.8
B16 C149	3505	1300	18.0 - 20.0	< 15.0 ± 0.0	4.0 ± 2.0	< 4.0 ± 0.0	6.3 ± 0.7
B16 C149	3505	1300	25.0 - 26.0	< 6.0 ± 0.0	2.6 ± 0.7	2.0 ± 1.0	4.8 ± 1.9
B16 C149	3505	1300	32.0 - 34.0	< 7.0 ± 0.0	3.4 ± 0.9	2.0 ± 0.9	4.8 ± 1.9
B16 C149	3505	1300	38.0 - 39.0	< 21.0 ± 0.0	6.0 ± 2.0	< 3.0 ± 0.0	4.9 ± 0.6
B16 C149	3505	1300	42.0 - 44.0	< 12.0 ± 0.0	3.2 ± 0.9	1.4 ± 0.9	1.0 ± 1.0
B16 C149	3505	1300	48.0 - 50.0	< 8.0 ± 0.0	2.0 ± 0.7	1.1 ± 0.8	1.9 ± 1.3
B16 R153	3527	1101	0.0 - 1.0	< 12.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	1.4 ± 0.3
B16 R153	3527	1101	1.0 - 2.0	1.7 ± 0.8	< 6.0 ± 0.0	1.5 ± 0.6	1.0 ± 1.0
B16 R153	3527	1101	4.0 - 5.0	< 1.0 ± 0.0	< 4.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0
B16 R153	3527	1101	7.0 - 8.0	1.5 ± 0.7	< 5.0 ± 0.0	2.9 ± 0.7	2.4 ± 1.4
B16 R153	3527	1101	8.0 - 9.0	< 24.0 ± 0.0	8.0 ± 3.0	< 3.0 ± 0.0	5.6 ± 0.8
B16 R153	3527	1101	10.0 - 11.0	1.0 ± 1.0	< 9.0 ± 0.0	4.0 ± 1.0	2.5 ± 1.4
B16 R153	3527	1101	14.0 - 16.0	1.1 ± 0.8	< 8.0 ± 0.0	3.0 ± 0.9	3.0 ± 1.5
B16 R153	3527	1101	19.0 - 20.0	< 12.0 ± 0.0	5.0 ± 1.0	4.0 ± 2.0	5.0 ± 0.6
B16 R149	3560	1199	0.0 - 1.0	< 10.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	3.1 ± 0.5
B16 R149	3560	1199	1.0 - 2.0	< 5.0 ± 0.0	2.3 ± 0.6	1.4 ± 0.7	2.2 ± 1.3
B16 R149	3560	1199	5.0 - 6.0	< 6.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.7	1.2 ± 1.1
B16 R149	3560	1199	11.0 - 12.0	< 20.0 ± 0.0	10.0 ± 2.0	< 2.0 ± 0.0	7.0 ± 0.7
B16 R149	3560	1199	13.0 - 14.0	1.7 ± 0.9	< 5.0 ± 0.0	4.8 ± 0.9	4.5 ± 1.8
B16 R149	3560	1199	15.0 - 16.0	1.5 ± 0.7	< 5.0 ± 0.0	2.5 ± 0.6	3.5 ± 1.6
B16 R149	3560	1199	18.0 - 20.0	< 9.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	4.9 ± 0.6

Document ID(s): 20722-258A

Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Concentrations Radium-226 (pCi/g ± 2σ)	Concentrations Thorium-232 (pCi/g ± 2σ)	Concentrations Thorium-230 (pCi/g ± 2σ)
B16 C150	3570	1000	0.0 - 1.0	< 9.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.4 ± 0.4
B16 C150	3570	1000	4.0 - 5.0	< 5.0 ± 0.0	2.0 ± 0.7	1.5 ± 0.7	2.8 ± 0.4
B16 C150	3570	1000	8.0 - 9.0	< 7.0 ± 0.0	2.3 ± 0.7	2.0 ± 1.0	5.5 ± 2.0
B16 C150	3570	1000	14.0 - 15.0	< 5.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.8	1.5 ± 1.2
B16 C150	3570	1000	19.0 - 20.0	< 8.0 ± 0.0	1.1 ± 0.7	2.0 ± 1.0	1.0 ± 0.3
B16 C144	3588	2000	0.0 - 1.0	< 30.0 ± 0.0	4.0 ± 2.0	< 4.0 ± 0.0	1.3 ± 0.4
B16 C144	3588	2000	1.0 - 2.0	0.9 ± 0.5	< 6.0 ± 0.0	0.9 ± 0.5	1.0 ± 1.0
B16 C144	3588	2000	5.0 - 6.0	1.0 ± 0.7	< 11.0 ± 0.0	2.1 ± 0.8	2.0 ± 1.3
B16 C144	3588	2000	7.0 - 9.0	< 1.0 ± 0.0	< 4.0 ± 0.0	1.1 ± 0.4	3.0 ± 1.5
B16 C144	3588	2000	11.0 - 12.0	< 14.0 ± 0.0	1.4 ± 1.3	< 2.0 ± 0.0	1.4 ± 0.4
B16 C144	3588	2000	14.0 - 15.0	< 1.0 ± 0.0	< 12.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.3
B16 C144	3588	2000	19.0 - 20.0	< 12.0 ± 0.0	1.0 ± 1.0	< 1.0 ± 0.0	2.3 ± 0.5
B16 R144	3590	1610	0.0 - 1.0	< 11.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	13.0 ± 1.0
B16 R144	3590	1610	1.0 - 2.0	< 1.0 ± 0.0	< 6.0 ± 0.0	2.8 ± 0.8	6.8 ± 2.2
B16 R144	3590	1610	5.0 - 6.0	< 6.0 ± 0.0	1.7 ± 1.4	2.1 ± 0.8	< 0.8 ± 0.0
B16 R144	3590	1610	8.0 - 9.0	< 10.0 ± 0.0	2.6 ± 0.9	< 1.0 ± 0.0	2.0 ± 0.7
B16 R144	3590	1610	14.0 - 15.0	< 6.0 ± 0.0	1.1 ± 0.4	1.6 ± 0.8	< 0.8 ± 0.0
B16 R144	3590	1610	19.0 - 20.0	< 8.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	1.1 ± 0.3
B16 R144	3590	1610	25.0 - 26.0	< 5.0 ± 0.0	1.0 ± 0.4	1.4 ± 0.7	1.0 ± 1.0
B16 R144	3590	1610	31.0 - 36.0	< 4.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	< 0.6 ± 0.0
B16 R144	3590	1610	47.0 - 48.0	< 5.0 ± 0.0	1.0 ± 0.4	1.2 ± 0.7	1.0 ± 1.0
B16 R147	3600	1400	0.0 - 1.0	< 15.0 ± 0.0	4.0 ± 2.0	4.0 ± 2.0	4.2 ± 0.8
B16 R147	3600	1400	1.0 - 2.0	< 5.0 ± 0.0	1.3 ± 0.4	1.6 ± 0.7	1.5 ± 1.2
B16 R147	3600	1400	4.0 - 5.0	< 4.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.7 ± 1.2
B16 R147	3600	1400	8.0 - 10.0	< 6.0 ± 0.0	1.5 ± 0.6	1.9 ± 0.8	1.5 ± 1.2
B16 R147	3600	1400	12.0 - 14.0	< 8.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	3.5 ± 0.7
B16 R147	3600	1400	16.0 - 17.0	< 2.0 ± 0.0	2.5 ± 0.8	2.0 ± 1.0	3.5 ± 1.6
B16 R147	3600	1400	19.0 - 20.0	< 12.0 ± 0.0	6.0 ± 2.0	5.0 ± 2.0	6.4 ± 1.2
B16 R139	3606	1799	0.0 - 1.0	< 11.0 ± 0.0	4.0 ± 1.0	1.5 ± 0.8	15.0 ± 2.0

Document ID(s): 20722-258A

Radionuclide Concentrations in Soil
Deep Investigations at SLDS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B16 R139	3606	1799	2.0 - 4.0	17.0 ± 8.0	3.3 ± 0.8	1.8 ± 0.9	14.0 ± 1.0 S
B16 R139	3606	1799	6.0 - 7.0	3.4 ± 0.8	< 8.0 ± 0.0	2.0 ± 0.9	< 0.8 ± 0.0
B16 R139	3606	1799	14.0 - 16.0	< 1.0 ± 0.0	< 3.0 ± 0.0	0.5 ± 0.3	1.0 ± 1.0
B16 R139	3606	1799	19.0 - 20.0	< 7.0 ± 0.0	1.0 ± 0.7	< 1.0 ± 0.0	1.3 ± 0.9
B16 R139	3606	1799	24.0 - 25.0	1.3 ± 0.4	< 6.0 ± 0.0	1.0 ± 0.5	1.5 ± 1.2
B16 R139	3606	1799	29.0 - 30.0	< 3.0 ± 0.0	0.9 ± 0.3	1.7 ± 0.8	< 0.9 ± 0.0
B16 R139	3606	1799	35.0 - 36.0	< 6.0 ± 0.0	1.1 ± 0.4	2.0 ± 0.4	< 0.9 ± 0.0
B16 C146	3618	1738	0.0 - 1.0	< 14.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	13.0 ± 1.0
B16 C146	3618	1738	1.0 - 2.0	1.1 ± 0.6	< 4.0 ± 0.0	1.4 ± 0.5	3.5 ± 1.6
B16 C146	3618	1738	2.0 - 4.0	0.9 ± 0.5	< 3.0 ± 0.0	1.1 ± 0.3	4.0 ± 1.7
B16 C146	3618	1738	10.0 - 12.0	< 7.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	11.0 ± 1.0
B16 C146	3618	1738	13.0 - 14.0	0.6 ± 0.5	< 4.0 ± 0.0	1.0 ± 0.4	1.7 ± 1.2
B16 C146	3618	1738	18.0 - 20.0	< 6.0 ± 0.0	2.4 ± 0.7	1.0 ± 0.7	2.4 ± 0.7

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-258A

Table 3-3 Historic Sampling Data

Radionuclide Concentrations in Soil

Shallow Investigations at SLDS - Norfolk & Western Railroad

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1320	1147	0.0 - 0.5	40.0 ± 23.0	300.0 ± 10	4.0 ± 3.0	8.7 ± 2.4	*
	1320	1165	0.0 - 0.5	120.0 ± 20.0	67.0 ± 4.0	3.0 ± 2.0	2100 ± 100.0	*
	1320	1210	0.0 - 0.5	1100 ± 100.0	20.0 ± 2.0	2.0 ± 1.0	68.0 ± 7.0	*
	1345	1200	0.0 - 0.5	< 3.0 ± 0.0	3.1 ± 0.7	1.9 ± 0.7	9.0 ± 2.5	*
	1345	1300	0.0 - 0.5	25.0 ± 10.0	4.0 ± 1.0	3.0 ± 2.0	13.0 ± 1.0	*
	1345	1425	0.0 - 0.5	41.0 ± 17.0	19.0 ± 2.0	56.0 ± 4.0	20.0 ± 4.0	*
	1345	1500	0.0 - 0.5	19.0 ± 7.0	4.0 ± 1.0	2.0 ± 1.0	18.0 ± 2.0	*
	1345	1600	0.0 - 0.5	7.0 ± 5.0	3.3 ± 0.7	1.5 ± 0.6	9.4 ± 2.5	*
	1345	1700	0.0 - 0.5	10.0 ± 6.0	4.0 ± 1.0	< 1.0 ± 0.0	21.0 ± 1.0	*
	1345	2000	0.0 - 0.5	< 7.0 ± 0.0	3.0 ± 0.9	1.6 ± 0.8	3.5 ± 1.5	
	1345	2230	0.0 - 0.5	< 3.0 ± 0.0	0.9 ± 0.4	< 1.0 ± 0.0	4.5 ± 0.6	
	1345	2400	0.0 - 0.5	< 7.0 ± 0.0	3.1 ± 0.9	0.9 ± 0.8	2.9 ± 0.5	
	1352	1600	0.0 - 0.5	12.0 ± 5.0	4.0 ± 1.0	3.0 ± 2.0	8.6 ± 0.8	*
	1352	1800	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.4	< 1.0 ± 0.0	1.6 ± 0.4	
	1352	1900	0.0 - 0.5	< 11.0 ± 0.0	3.0 ± 1.0	2.0 ± 2.0	3.6 ± 1.7	
	1352	2100	0.0 - 0.5	< 9.0 ± 0.0	2.8 ± 0.8	3.0 ± 1.0	5.4 ± 0.6	S
	1352	2300	0.0 - 0.5	< 8.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	5.6 ± 0.9	S
	1360	1900	0.0 - 0.5	6.0 ± 4.0	2.5 ± 0.7	1.6 ± 0.8	28.0 ± 4.0	*
	1360	2100	0.0 - 0.5	< 4.0 ± 0.0	2.6 ± 0.8	1.1 ± 0.8	13.0 ± 3.0	*
	1380	1130	0.0 - 0.5	< 7.0 ± 0.0	11.0 ± 1.0	30.0 ± 2.0	4.2 ± 1.7	*
	1385	2205	0.0 - 0.5	< 7.0 ± 0.0	0.9 ± 0.6	1.0 ± 1.0	3.7 ± 0.5	
	1390	1197	0.0 - 0.5	< 5.0 ± 0.0	1.7 ± 0.6	1.2 ± 0.6	4.1 ± 0.6	
	1397	1050	0.0 - 0.5	< 8.0 ± 0.0	8.0 ± 1.0	13.0 ± 2.0	9.3 ± 2.5	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-229

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Norfolk & Western Railroad

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1400	1010	0.0 - 0.5	< 7.0 ± 0.0	0.5 ± 0.5	< 1.0 ± 0.0	1.8 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-229

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - St. Louis Terminal Association Railroad

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2080	1493	0.0 - 0.5	< 45.0 ± 0.0	48.0 ± 4.0	160.0 ± 10	13.0 ± 3.0	*
	2080	1500	0.0 - 0.5	< 12.0 ± 0.0	6.0 ± 1.0	< 1.0 ± 0.0	8.5 ± 0.8	*
	2082	1100	0.0 - 0.5	< 9.0 ± 0.0	6.0 ± 1.0	< 1.0 ± 0.0	11.0 ± 1.0	*
	2083	1300	0.0 - 0.5	< 10.0 ± 0.0	7.0 ± 1.0	2.0 ± 1.0	14.0 ± 1.0	*
	2085	1700	0.0 - 0.5	< 6.0 ± 0.0	3.6 ± 0.8	1.1 ± 0.7	18.0 ± 1.0	*
	2087	1900	0.0 - 0.5	< 10.0 ± 0.0	5.0 ± 1.0	1.0 ± 1.0	5.6 ± 0.7	
	2090	2100	0.0 - 0.5	< 6.0 ± 0.0	2.8 ± 0.8	1.1 ± 0.7	4.9 ± 0.6	
	2100	976	0.0 - 0.5	< 10.0 ± 0.0	3.0 ± 1.0	2.0 ± 2.0	4.5 ± 0.5	
	2116	2188	0.0 - 0.5	< 10.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	2.6 ± 0.4	
	2132	1038	0.0 - 0.5	22.0 ± 9.0	3.4 ± 0.9	1.3 ± 0.8	9.0 ± 0.8	*
	2132	1900	0.0 - 0.5	< 7.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	3.6 ± 0.5	
	2133	1500	0.0 - 0.5	< 8.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	8.9 ± 1.0	*
	2134	1600	0.0 - 0.5	< 12.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	3.8 ± 0.6	
	2135	1700	0.0 - 0.5	< 10.0 ± 0.0	11.0 ± 2.0	4.0 ± 1.0	29.0 ± 2.0	*
	2136	1200	0.0 - 0.5	< 11.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	4.4 ± 0.6	
	2136	1300	0.0 - 0.5	< 10.0 ± 0.0	5.0 ± 1.0	4.0 ± 1.0	10.0 ± 2.0	*
	2136	1800	0.0 - 0.5	< 9.0 ± 0.0	12.0 ± 1.0	1.0 ± 0.0	27.0 ± 2.0	*
	2138	1100	0.0 - 0.5	< 8.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	4.7 ± 0.7	
	2139	2100	0.0 - 0.5	< 4.0 ± 0.0	1.6 ± 0.5	1.3 ± 0.6	3.4 ± 0.6	
	2140	1402	0.0 - 0.5	< 11.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	6.5 ± 0.7	*
	2140	2001	0.0 - 0.5	< 7.0 ± 0.0	2.9 ± 0.8	< 1.0 ± 0.0	4.4 ± 0.6	
	2141	1325	0.0 - 0.5	< 19.0 ± 0.0	39.0 ± 3.0	< 1.0 ± 0.0	51.0 ± 4.0	*
	2141	2200	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	2.0 ± 0.8	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-230

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Chicago, Burlington & Quincy Railroad

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3050	1100	0.0 - 0.5	35.0 ± 8.0	8.0 ± 2.0	< 2.0 ± 0.0	450.0 ± 10.0	*
	3050	1150	0.0 - 0.5	23.0 ± 8.0	5.0 ± 1.0	2.0 ± 1.0	110.0 ± 10.0	*
	3070	1082	0.0 - 0.5	< 21.0 ± 0.0	6.0 ± 1.0	< 1.0 ± 0.0	55.0 ± 3.0	*
	3084	1100	0.0 - 0.5	18.0 ± 8.0	9.0 ± 1.0	1.6 ± 0.8	150.0 ± 10.0	*
	3100	1050	0.0 - 0.5	< 11.0 ± 0.0	4.0 ± 1.0	1.6 ± 0.9	11.0 ± 1.0	*
	3100	1100	0.0 - 0.5	22.0 ± 11.0	4.0 ± 1.0	3.0 ± 1.0	33.0 ± 2.0	*
	3100	1250	0.0 - 0.5	34.0 ± 6.0	6.0 ± 1.0	< 1.0 ± 0.0	36.0 ± 2.0	*
	3100	1350	0.0 - 0.5	40.0 ± 14.0	6.0 ± 1.0	2.0 ± 1.0	17.0 ± 2.0	*
	3100	1400	0.0 - 0.5	120.0 ± 20.0	6.0 ± 1.0	2.0 ± 1.0	7.0 ± 0.8	*
	3119	1300	0.0 - 0.5	9.0 ± 4.0	3.6 ± 0.8	2.0 ± 1.0	18.0 ± 1.0	*
	3133	1200	0.0 - 0.5	< 9.0 ± 0.0	2.0 ± 0.6	< 1.0 ± 0.0	9.5 ± 1.0	*
	3150	1300	0.0 - 0.5	35.0 ± 10.0	6.0 ± 1.0	3.0 ± 1.0	6.6 ± 1.0	*
	3150	1350	0.0 - 0.5	< 15.0 ± 0.0	2.6 ± 0.8	1.0 ± 1.0	10.0 ± 2.0	*
	3150	1500	0.0 - 0.5	12.0 ± 10.0	4.0 ± 1.0	2.0 ± 1.0	3.6 ± 1.1	S
	3150	1550	0.0 - 0.5	33.0 ± 11.0	3.0 ± 1.0	2.3 ± 0.9	12.0 ± 1.0	*
	3154	1500	0.0 - 0.5	4.0 ± 3.0	2.6 ± 0.6	1.4 ± 0.9	6.5 ± 0.8	*
	3168	1400	0.0 - 0.5	18.0 ± 8.0	2.1 ± 0.8	< 1.0 ± 0.0	15.0 ± 2.0	*
	3189	1700	0.0 - 0.5	< 19.0 ± 0.0	1.5 ± 1.3	< 1.0 ± 0.0	2.0 ± 0.4	
	3203	1600	0.0 - 0.5	< 10.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	5.4 ± 1.1	
	3224	1900	0.0 - 0.5	14.0 ± 7.0	4.8 ± 1.0	0.9 ± 0.7	4.6 ± 1.3	S
	3238	1800	0.0 - 0.5	< 8.0 ± 0.0	1.7 ± 0.7	< 1.0 ± 0.0	3.2 ± 0.5	
	3245	1974	0.0 - 0.5	< 14.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	2.6 ± 0.5	
	3259	2100	0.0 - 0.5	< 8.0 ± 0.0	2.5 ± 0.7	2.0 ± 1.0	1.9 ± 0.4	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-231

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Chicago, Burlington & Quincy Railroad

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3273	2000	0.0 - 0.5	< 9.0 ± 0.0	0.9 ± 0.5	< 1.0 ± 0.0	2.7 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-231

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - McKinley Iron Company

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2200	1900	0.0 - 0.5	< 5.0 ± 0.0	3.8 ± 0.9	< 2.0 ± 0.0	5.7 ± 0.8	
	2237	1925	0.0 - 0.5	7.0 ± 4.0	2.8 ± 0.6	< 1.0 ± 0.0	3.4 ± 0.8	
	2250	1846	0.0 - 0.5	88.0 ± 24.0	65.0 ± 4.0	3.0 ± 2.0	84.0 ± 6.0	*
	2250	1875	0.0 - 0.5	32.0 ± 10.0	13.0 ± 2.0	1.0 ± 1.0	16.0 ± 1.0	*
	2265	1885	0.0 - 0.5	< 6.0 ± 0.0	1.5 ± 0.7	< 1.0 ± 0.0	3.0 ± 0.9	
	2280	1875	0.0 - 0.5	8.0 ± 5.0	2.2 ± 0.7	< 1.0 ± 0.0	1.8 ± 0.6	
	2295	1930	0.0 - 0.5	< 7.0 ± 0.0	2.1 ± 0.8	1.0 ± 1.0	2.8 ± 0.9	
	2300	1863	0.0 - 0.5	25.0 ± 10.0	13.0 ± 2.0	1.0 ± 1.0	17.0 ± 2.0	*
	2335	1942	0.0 - 0.5	11.0 ± 7.0	4.0 ± 1.0	1.0 ± 1.0	3.8 ± 0.8	
	2350	1875	0.0 - 0.5	8.0 ± 7.0	6.0 ± 1.0	< 1.0 ± 0.0	7.5 ± 1.5	*
	2350	1876	0.0 - 0.5	26.0 ± 9.0	13.0 ± 2.0	< 1.0 ± 0.0	18.0 ± 4.0	*
	2350	1925	0.0 - 0.5	< 5.0 ± 0.0	2.7 ± 0.7	< 1.0 ± 0.0	2.6 ± 0.8	
	2362	1943	0.0 - 0.5	13.0 ± 7.0	8.0 ± 1.0	< 1.0 ± 0.0	6.0 ± 0.9	*
	2368	1885	0.0 - 0.5	< 6.0 ± 0.0	1.9 ± 0.7	< 1.0 ± 0.0	3.2 ± 0.7	
	2394	1944	0.0 - 0.5	28.0 ± 7.0	18.0 ± 1.0	< 3.0 ± 0.0	24.0 ± 2.0	*
	2400	1864	0.0 - 0.5	17.0 ± 7.0	7.0 ± 1.0	2.0 ± 1.0	17.0 ± 2.0	*
	2400	1900	0.0 - 0.5	< 3.0 ± 0.0	0.9 ± 0.6	< 1.0 ± 0.0	0.9 ± 0.3	
	2400	2000	0.0 - 0.5	7.0 ± 5.0	3.2 ± 0.8	2.3 ± 0.9	6.2 ± 1.2	S
	2500	1863	0.0 - 0.5	18.0 ± 10.0	15.0 ± 2.0	2.0 ± 1.0	31.0 ± 2.0	*
	2500	1900	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.7	< 1.0 ± 0.0	1.9 ± 0.6	
	2600	1863	0.0 - 0.5	21.0 ± 10.0	11.0 ± 2.0	< 1.0 ± 0.0	22.0 ± 2.0	*
	2620	1900	0.0 - 0.5	< 3.0 ± 0.0	0.7 ± 0.4	< 1.0 ± 0.0	2.2 ± 0.5	
	2700	1863	0.0 - 0.5	8.0 ± 5.0	2.7 ± 0.7	1.0 ± 1.0	7.1 ± 1.3	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-226

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - McKinley Iron Company

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2800	1863	0.0 - 0.5	33.0 ± 9.0	4.0 ± 1.0	< 1.0 ± 0.0	11.0 ± 1.0	*
	2800	1945	0.0 - 0.5	10.0 ± 5.0	2.8 ± 0.8	< 1.0 ± 0.0	3.5 ± 0.5	
	2900	1860	0.0 - 0.5	41.0 ± 11.0	4.0 ± 1.0	< 1.0 ± 0.0	6.2 ± 0.8	S
	2900	1875	0.0 - 0.5	41.0 ± 11.0	6.0 ± 1.0	< 1.0 ± 0.0	7.8 ± 0.8	*
	3000	1863	0.0 - 0.5	18.0 ± 7.0	2.1 ± 0.7	< 1.0 ± 0.0	2.0 ± 0.6	
	3000	1880	0.0 - 0.5	< 6.0 ± 0.0	3.3 ± 0.9	1.0 ± 1.0	4.5 ± 0.8	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-226

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - PVO Foods Inc.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3205	1255	0.0 - 0.5	< 8.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	3.3 ± 0.6
	3250	1100	0.0 - 0.5	< 9.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	2.6 ± 0.4
	3255	1250	0.0 - 0.5	< 3.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	4.2 ± 0.7
	3315	1218	0.0 - 0.5	< 3.0 ± 0.0	1.6 ± 0.4	1.1 ± 0.5	2.3 ± 0.7
	3325	1255	0.0 - 0.5	< 6.0 ± 0.0	3.0 ± 1.0	1.0 ± 1.0	5.2 ± 0.9
	3350	1150	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.5	< 1.0 ± 0.0	2.2 ± 0.9
	3390	1255	0.0 - 0.5	< 11.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	4.4 ± 0.9
	3445	1090	0.0 - 0.5	< 3.0 ± 0.0	1.8 ± 0.5	1.3 ± 0.6	1.3 ± 0.6
	3485	1025	0.0 - 0.5	< 3.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0	1.4 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-227

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Thomas & Proetz Lumber Company

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2200	1160	0.0 - 0.5	< 2.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.1 ± 0.3	
	2200	1205	0.0 - 0.5	< 2.0 ± 0.0	0.7 ± 0.3	< 1.0 ± 0.0	1.1 ± 0.4	
	2300	1205	0.0 - 0.5	< 2.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.1 ± 0.3	
	2400	1155	0.0 - 0.5	< 2.0 ± 0.0	1.2 ± 0.4	< 1.0 ± 0.0	2.0 ± 0.4	
	2400	1231	0.0 - 0.5	< 2.0 ± 0.0	0.8 ± 0.3	< 1.0 ± 0.0	1.4 ± 0.4	
	2415	1123	0.0 - 0.5	48.0 ± 15.0	23.0 ± 2.0	3.0 ± 1.0	75.0 ± 2.0	*
	2500	1221	0.0 - 0.5	< 2.0 ± 0.0	2.2 ± 0.5	< 1.0 ± 0.0	3.6 ± 0.5	
	2507	1123	0.0 - 0.5	30.0 ± 12.0	14.0 ± 2.0	3.0 ± 2.0	28.0 ± 2.0	*
	2512	1245	0.0 - 0.5	< 11.0 ± 0.0	13.0 ± 1.0	< 1.0 ± 0.0	33.0 ± 2.0	*
	2582	1123	0.0 - 0.5	28.0 ± 10.0	8.0 ± 1.0	2.0 ± 1.0	48.0 ± 2.0	*
	2591	1245	0.0 - 0.5	< 11.0 ± 0.0	8.0 ± 2.0	1.5 ± 0.9	8.2 ± 0.8	*
	2600	1160	0.0 - 0.5	< 2.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	2.5 ± 0.5	
	2603	1221	0.0 - 0.5	< 2.0 ± 0.0	3.0 ± 0.7	< 1.0 ± 0.0	3.5 ± 0.9	
	2626	1042	0.0 - 0.5	21.0 ± 6.0	6.0 ± 1.0	0.8 ± 0.6	17.0 ± 1.0	*
	2682	1245	0.0 - 0.5	79.0 ± 13.0	23.0 ± 2.0	3.0 ± 2.0	130.0 ± 10.0	*
	2697	1114	0.0 - 0.5	< 20.0 ± 0.0	300.0 ± 10	56.0 ± 6.0	22.0 ± 1.0	*
	2700	1205	0.0 - 0.5	-a-	4.7 ± 0.8	< 1.0 ± 0.0	8.0 ± 1.3	*
	2730	1245	0.0 - 0.5	< 36.0 ± 0.0	16.0 ± 3.0	160.0 ± 10	230.0 ± 10.0	*
	2735	1212	0.0 - 0.5	39.0 ± 13.0	11.0 ± 2.0	3.0 ± 1.0	290.0 ± 10.0	*
	2754	1165	0.0 - 0.5	17.0 ± 8.0	5.0 ± 1.0	< 1.0 ± 0.0	12.0 ± 1.0	*
	2795	1245	0.0 - 0.5	15.0 ± 9.0	8.0 ± 1.0	< 1.0 ± 1.0	14.0 ± 1.0	*
	2800	1155	0.0 - 0.5	3.0 ± 2.0	0.9 ± 0.3	< 1.0 ± 0.0	1.8 ± 0.4	
	2800	1205	0.0 - 0.5	12.0 ± 5.0	5.0 ± 1.0	< 1.0 ± 0.0	14.0 ± 1.0	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-228

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Thomas & Proetz Lumber Company

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2825	1045	0.0 - 0.5	< 22.0 ± 0.0	61.0 ± 4.0	4.0 ± 2.0	20.0 ± 2.0	*
	2826	1063	0.0 - 0.5	< 22.0 ± 0.0	60.0 ± 3.0	2.0 ± 2.0	30.0 ± 2.0	*
	2835	1063	0.0 - 0.5	< 22.0 ± 0.0	81.0 ± 5.0	< 2.0 ± 0.0	28.0 ± 2.0	*
	2862	1063	0.0 - 0.5	46.0 ± 9.0	20.0 ± 2.0	< 1.0 ± 0.0	16.0 ± 1.0	*
	2868	1149	0.0 - 0.5	< 24.0 ± 0.0	100.0 ± 10	< 3.0 ± 0.0	21.0 ± 1.0	*
	2886	1035	0.0 - 0.5	< 14.0 ± 0.0	690.0 ± 10	< 6.0 ± 0.0	14.0 ± 1.0	*
	2900	1045	0.0 - 0.5	22.0 ± 11.0	47.0 ± 3.0	11.0 ± 3.0	96.0 ± 4.0	*
	2900	1205	0.0 - 0.5	29.0 ± 6.0	6.0 ± 1.0	< 1.0 ± 0.0	20.0 ± 2.0	*
	2900	1245	0.0 - 0.5	24.0 ± 7.0	3.7 ± 0.9	1.1 ± 0.8	4.5 ± 0.6	S
	2905	1049	0.0 - 0.5	< 82.0 ± 0.0	1800 ± 100	< 8.0 ± 0.0	10.0 ± 1.0	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-228

Table 3-4 Historic Sampling Data

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Chicago, Burlington & Quincy Railroad

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3100	1300	0.0 - 3.5	55.0 ± 12.0	4.0 ± 1.0	2.0 ± 1.0	110.0 ± 10.0 *

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-231

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - PVO Foods Inc.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3255	1250	2.0 - 3.0	< 3.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	5.8 ± 0.7
	3350	1150	2.0 - 3.0	< 3.0 ± 0.0	1.6 ± 0.5	1.3 ± 0.5	1.8 ± 0.4

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-227

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Thomas & Proetz Lumber Company

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2400	1155	1.0 - 2.0	< 2.0 ± 0.0	3.5 ± 0.6	2.2 ± 0.8	4.4 ± 0.6	
	2500	1221	1.0 - 2.0	< 2.0 ± 0.0	3.9 ± 0.9	< 1.0 ± 0.0	7.3 ± 1.5	
	2697	1114	0.5 - 1.0	< 17.0 ± 0.0	35.0 ± 2.0	9.0 ± 2.0	10.0 ± 1.0	*
	2700	1205	1.0 - 2.0	< 3.0 ± 0.0	2.8 ± 0.6	< 1.0 ± 0.0	4.0 ± 0.7	
	2700	1205	7.0 - 3.0	7.0 ± 3.0	-a-	-a-	-a-	
	2800	1155	2.0 - 3.0	10.0 ± 8.0	2.6 ± 0.8	< 1.0 ± 0.0	4.9 ± 0.6	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-228

Table 3-5 Field Sampling Plan Sampling Data
Radionuclide Concentrations in Soil
Shallow Investigations at SLDS

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
S13101	3593	1944	0.0 - 0.5	13.0 ± 0.0	1.9 ± 0.1	1.0 ± 0.1	1.3 ± 0.6
S12401	3620	1080	0.0 - 0.5	3.5 ± 1.7	1.6 ± 0.4	2.1 ± 0.4	0.9 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Norfolk and Western Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
N06101	1137	1135	0.0 - 0.5	5.9 ± 0.0	1.8 ± 0.1	1.5 ± 0.5	0.7 ± 0.5	
N06301	1182	1067	0.0 - 0.5	5.9 ± 1.4	1.2 ± 0.0	1.1 ± 0.0	1.3 ± 0.6	
N06401	1284	1067	0.0 - 0.5	3.0 ± 0.7	2.2 ± 0.2	1.4 ± 0.0	1.8 ± 0.7	
N05001	1310	2299	0.0 - 0.5	8.0 ± 1.3	2.9 ± 0.1	1.4 ± 0.0	3.0 ± 0.9	
N04601	1316	2426	0.0 - 0.5	5.5 ± 0.0	3.4 ± 0.3	1.4 ± 0.4	3.3 ± 0.9	
N13001	1324	2098	0.0 - 0.5	3.5 ± 0.4	3.9 ± 0.1	1.7 ± 0.7	2.3 ± 0.8	
N04401	1327	2483	0.0 - 0.5	11.4 ± 0.0	0.8 ± 0.2	0.7 ± 0.0	0.9 ± 0.6	
N04801	1330	2348	0.0 - 0.5	4.6 ± 0.0	2.1 ± 0.9	1.1 ± 0.4	1.4 ± 0.7	
N04501	1346	2461	0.0 - 0.5	7.0 ± 2.9	2.9 ± 0.6	1.2 ± 0.7	3.2 ± 0.9	
N06801	1350	890	0.0 - 0.5	5.9 ± 1.4	4.9 ± 0.2	1.8 ± 0.2	3.3 ± 0.9	S
N05401	1357	1771	0.0 - 0.5	9.4 ± 2.6	3.3 ± 0.1	1.4 ± 0.5	4.5 ± 1.0	
N05201	1361	1991	0.0 - 0.5	11.1 ± 2.7	4.9 ± 1.2	2.3 ± 0.3	3.4 ± 1.0	S
N06601	1367	961	0.0 - 0.5	6.4 ± 2.5	2.8 ± 0.3	1.0 ± 0.0	1.3 ± 0.6	
N04701	1369	2412	0.0 - 0.5	3.4 ± 0.2	2.4 ± 0.3	1.3 ± 0.0	0.7 ± 0.5	
N06001	1370	1274	0.0 - 0.5	364.0 ± 9.1	4.9 ± 0.4	1.7 ± 0.8	7.8 ± 1.4	*
N05301	1370	1843	0.0 - 0.5	8.7 ± 0.9	3.2 ± 0.2	1.1 ± 0.0	5.0 ± 1.1	
N04901	1377	2300	0.0 - 0.5	5.1 ± 0.0	1.5 ± 0.0	1.2 ± 0.0	0.8 ± 0.6	
N05101	1381	2087	0.0 - 0.5	6.7 ± 0.0	2.7 ± 0.3	2.1 ± 0.3	1.5 ± 0.6	
N05501	1401	1718	0.0 - 0.5	3.0 ± 0.0	1.3 ± 0.2	0.7 ± 0.0	0.5 ± 0.4	
N05601	1403	1597	0.0 - 0.5	9.6 ± 0.0	1.4 ± 0.3	0.7 ± 0.3	1.0 ± 0.5	
N05901	1408	1330	0.0 - 0.5	4.5 ± 2.0	4.3 ± 0.3	1.9 ± 0.4	10.8 ± 1.6	*
N05701	1410	1537	0.0 - 0.5	13.1 ± 0.0	1.2 ± 0.0	0.4 ± 0.2	1.2 ± 0.6	
N06701	1411	933	0.0 - 0.5	37.9 ± 6.8	12.2 ± 0.8	1.2 ± 0.2	38.5 ± 3.1	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Norfolk and Western Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
N06201	1438	1105	0.0 - 0.5	21.7 ± 3.4	1.0 ± 0.1	0.8 ± 0.2	1.1 ± 0.6
N06501	1448	1035	0.0 - 0.5	4.0 ± 0.9	3.5 ± 0.4	1.4 ± 0.0	1.8 ± 0.7
N05801	1489	1458	0.0 - 0.5	4.5 ± 2.1	1.8 ± 0.5	1.2 ± 0.0	1.9 ± 0.8

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - St. Louis Terminal Association Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
T08001	2041	975	0.0 - 0.5	10.3 ± 0.0	4.2 ± 0.5	2.3 ± 0.0	5.4 ± 1.2 S
T07701	2047	1468	0.0 - 0.5	9.1 ± 0.0	1.8 ± 0.3	1.0 ± 0.3	0.6 ± 0.3
T08401	2058	885	0.0 - 0.5	6.1 ± 0.2	4.8 ± 0.5	1.6 ± 0.0	3.1 ± 0.6
T07601	2058	1739	0.0 - 0.5	14.2 ± 0.2	2.6 ± 0.5	1.8 ± 1.0	4.1 ± 0.7
T07001	2059	2357	0.0 - 0.5	4.0 ± 0.2	1.9 ± 0.1	0.9 ± 0.0	0.4 ± 0.3
T01001	2061	2178	0.0 - 0.5	2.7 ± 0.6	1.8 ± 0.2	1.0 ± 0.2	1.7 ± 0.7
T08201	2063	924	0.0 - 0.5	2.8 ± 0.5	3.5 ± 0.7	1.1 ± 0.3	1.5 ± 0.5
T07801	2065	1395	0.0 - 0.5	7.1 ± 0.0	1.1 ± 0.1	0.3 ± 0.1	0.8 ± 0.4
T07901	2069	1203	0.0 - 0.5	2.9 ± 0.0	2.2 ± 0.1	1.1 ± 0.4	0.7 ± 0.3
T07501	2079	1888	0.0 - 0.5	6.0 ± 2.4	5.1 ± 0.4	1.1 ± 0.4	2.0 ± 0.5
T07401	2080	1964	0.0 - 0.5	4.6 ± 0.8	1.5 ± 0.2	0.9 ± 0.4	1.0 ± 0.4
T07301	2080	2140	0.0 - 0.5	4.4 ± 1.1	2.1 ± 0.2	0.9 ± 0.0	1.8 ± 0.5
T07101	2091	2237	0.0 - 0.5	4.8 ± 0.3	2.8 ± 0.2	1.1 ± 0.2	1.2 ± 0.4
T08101	2138	988	0.0 - 0.5	3.2 ± 1.5	2.3 ± 0.3	0.7 ± 0.0	1.6 ± 0.5
T07201	2174	2240	0.0 - 0.5	4.9 ± 0.3	1.3 ± 0.2	1.5 ± 0.0	3.9 ± 0.9

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Chicago, Burlington, and Quincy Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
Q09301	2995	873	0.0 - 0.5	2.5 ± 0.0	2.0 ± 0.6	1.3 ± 0.6	0.9 ± 0.4	
Q09101	3004	981	0.0 - 0.5	2.3 ± 0.2	1.7 ± 0.3	1.4 ± 0.4	3.3 ± 0.6	
Q09001	3026	1018	0.0 - 0.5	7.9 ± 3.2	2.0 ± 0.3	0.5 ± 0.1	1.7 ± 0.5	
Q08901	3083	1429	0.0 - 0.5	37.0 ± 1.6	2.7 ± 0.5	1.5 ± 0.4	12.0 ± 1.2	*
Q08801	3140	1602	0.0 - 0.5	2.9 ± 0.6	1.3 ± 0.3	0.6 ± 0.0	0.3 ± 0.3	
Q08701	3194	1771	0.0 - 0.5	6.6 ± 3.3	3.3 ± 0.6	1.3 ± 0.0	2.5 ± 0.8	
Q08501	3205	1944	0.0 - 0.5	13.9 ± 2.5	2.5 ± 0.4	1.2 ± 0.3	3.0 ± 0.8	
Q08601	3254	1856	0.0 - 0.5	5.5 ± 2.3	2.2 ± 0.4	1.0 ± 0.0	2.9 ± 0.8	
Q00601	3269	1621	0.0 - 0.5	9.9 ± 0.0	5.6 ± 0.4	0.9 ± 0.1	14.6 ± 1.9	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - McKinley Iron Company

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
M11001	2171	1919	0.0 - 0.5	18.6 ± 1.1	3.7 ± 0.4	1.8 ± 0.0	1.6 ± 0.6	
M10501	2172	2124	0.0 - 0.5	8.3 ± 0.0	2.9 ± 0.5	1.2 ± 0.4	1.4 ± 0.6	
M10401	2176	2178	0.0 - 0.5	3.0 ± 2.0	4.1 ± 0.5	0.9 ± 0.4	2.9 ± 0.9	
M10701	2357	2012	0.0 - 0.5	4.0 ± 0.0	1.3 ± 0.1	0.6 ± 0.0	0.5 ± 0.4	
M10601	2418	2046	0.0 - 0.5	1.9 ± 1.3	0.7 ± 0.1	0.8 ± 0.0	1.2 ± 0.6	
M10801	2418	2047	0.0 - 0.5	10.2 ± 0.0	3.3 ± 0.2	2.4 ± 0.0	1.3 ± 0.5	
M11201	2429	1900	0.0 - 0.5	6.2 ± 0.0	1.8 ± 0.0	1.8 ± 0.4	1.0 ± 0.5	
M11601	2470	2000	0.0 - 0.5	8.1 ± 0.5	7.0 ± 0.2	2.8 ± 0.0	1.1 ± 0.7	*
M11501	2478	2099	0.0 - 0.5	8.7 ± 0.0	5.0 ± 0.8	2.3 ± 1.2	0.9 ± 0.4	S
M11101	2676	1900	0.0 - 0.5	13.7 ± 2.3	9.4 ± 0.5	1.2 ± 0.0	9.9 ± 1.5	*
M11701	2713	2000	0.0 - 0.5	13.1 ± 0.0	2.9 ± 0.0	3.0 ± 0.0	0.4 ± 0.4	
M10901	2885	1916	0.0 - 0.5	20.6 ± 0.0	2.6 ± 0.6	1.8 ± 0.2	1.8 ± 0.7	
M11801	2896	2031	0.0 - 0.5	5.6 ± 2.4	1.5 ± 0.0	1.0 ± 0.0	2.5 ± 0.8	
M11401	2960	1862	0.0 - 0.5	6.8 ± 2.2	3.2 ± 0.2	1.6 ± 0.0	2.4 ± 0.8	
M11301	3170	1900	0.0 - 0.5	2.6 ± 2.0	2.0 ± 0.2	1.5 ± 0.7	-a-	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - PVO Foods, Inc.

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
F12201	3187	1076	0.0 - 0.5	9.1 ± 6.1	4.2 ± 0.5	1.5 ± 0.1	2.8 ± 0.8
F12101	3190	1125	0.0 - 0.5	6.0 ± 2.0	3.7 ± 0.3	1.6 ± 0.0	2.1 ± 0.7
F12001	3195	1169	0.0 - 0.5	3.7 ± 1.9	1.3 ± 0.0	1.6 ± 0.0	0.2 ± 0.3
F11901	3203	1237	0.0 - 0.5	13.7 ± 1.9	2.3 ± 0.3	2.0 ± 0.0	1.6 ± 0.6
F00801	3232	1269	0.0 - 0.5	2.4 ± 0.3	0.8 ± 0.0	1.0 ± 0.0	1.3 ± 0.7
F12901	3340	1198	0.0 - 0.5	8.7 ± 0.0	1.5 ± 0.1	0.6 ± 0.0	0.2 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Thomas and Proetz Lumber Company

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
L10101	2188	1076	0.0 - 0.5	9.0 ± 1.4	6.1 ± 0.6	1.7 ± 0.0	2.0 ± 0.8 *
L01201	2203	1266	0.0 - 0.5	4.5 ± 0.0	1.7 ± 0.3	1.1 ± 0.4	1.2 ± 0.6
L09401	2348	1160	0.0 - 0.5	4.1 ± 0.6	3.6 ± 1.0	1.0 ± 0.0	3.4 ± 0.9
L09901	2349	1115	0.0 - 0.5	11.6 ± 0.0	4.3 ± 0.5	1.3 ± 0.3	3.1 ± 0.9
L10001	2410	1083	0.0 - 0.5	6.6 ± 3.0	2.4 ± 0.4	1.0 ± 0.0	0.8 ± 0.6
L10201	2501	1060	0.0 - 0.5	4.7 ± 0.8	2.7 ± 0.5	1.7 ± 0.4	1.2 ± 0.6
L09701	2511	1155	0.0 - 0.5	5.4 ± 0.0	2.3 ± 0.3	0.9 ± 0.0	0.2 ± 0.3
L09501	2558	1175	0.0 - 0.5	20.3 ± 2.8	18.3 ± 0.7	2.0 ± 0.7	16.8 ± 1.9 *
L10301	2576	1063	0.0 - 0.5	6.1 ± 2.6	2.8 ± 0.3	1.9 ± 0.0	1.1 ± 0.6
L09801	2630	1155	0.0 - 0.5	4.6 ± 1.2	1.7 ± 0.1	0.6 ± 0.2	0.2 ± 0.3
L09601	2633	1175	0.0 - 0.5	7.7 ± 1.5	2.6 ± 0.4	1.5 ± 0.0	1.0 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Plants 1, 2, and 5

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
P02601	1474	1968	0.0 - 0.5	6.3 ± 0.0	0.6 ± 0.0	0.9 ± 0.0	0.4 ± 0.5
P03401	1500	1593	0.0 - 0.5	5.5 ± 0.0	1.4 ± 0.3	0.9 ± 0.0	-0.1 ± 0.4
P03001	1557	1763	0.0 - 0.5	2.4 ± 1.8	1.6 ± 0.3	0.7 ± 0.0	0.8 ± 0.6
P03501	1600	1500	0.0 - 0.5	4.5 ± 0.0	1.1 ± 0.0	1.4 ± 0.0	1.5 ± 0.6
P02801	1607	1837	0.0 - 0.5	7.3 ± 0.0	0.3 ± 0.0	0.6 ± 0.3	-0.2 ± 0.4
P03201	1648	1507	0.0 - 0.5	5.0 ± 0.0	1.3 ± 0.4	0.9 ± 0.0	0.1 ± 0.5
P02901	1662	1792	0.0 - 0.5	6.6 ± 0.0	1.6 ± 0.1	1.2 ± 0.0	0.3 ± 0.5
P03101	1723	1529	0.0 - 0.5	2.3 ± 0.2	1.0 ± 0.2	1.3 ± 0.9	1.4 ± 0.6
P03301	1790	1475	0.0 - 0.5	4.2 ± 0.0	0.7 ± 0.3	0.8 ± 0.0	0.4 ± 0.5
P02701	1895	1945	0.0 - 0.5	6.7 ± 0.0	3.7 ± 0.3	1.9 ± 0.0	0.9 ± 0.6

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Plants 6E and 7S

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
E01101	2290	1599	0.0 - 0.5	5.0 ± 0.3	2.0 ± 0.4	0.7 ± 0.0	3.5 ± 1.0
E00901	2386	1827	0.0 - 0.5	4.0 ± 0.0	2.2 ± 0.4	0.6 ± 0.0	17.2 ± 2.1 *
E01301	2400	1830	0.0 - 0.5	47.6 ± 6.5	19.8 ± 1.0	2.4 ± 0.4	21.1 ± 2.2 *
E00502	2901	1596	0.0 - 0.5	31.2 ± 10.4	8.4 ± 0.7	21.9 ± 0.7	6.7 ± 1.2 *
E04001	2937	1535	0.0 - 0.5	2.4 ± 1.0	1.5 ± 0.0	0.8 ± 0.1	0.7 ± 0.3
E03901	2938	1640	0.0 - 0.5	2.7 ± 0.1	1.2 ± 0.1	1.0 ± 0.0	0.5 ± 0.3
E03801	2946	1737	0.0 - 0.5	4.0 ± 3.1	2.0 ± 0.6	0.7 ± 0.1	0.5 ± 0.3
E04101	2960	1480	0.0 - 0.5	3.6 ± 0.6	2.3 ± 0.6	1.4 ± 0.8	1.2 ± 0.4
E03601	2974	1814	0.0 - 0.5	4.3 ± 0.0	1.0 ± 0.0	0.8 ± 0.6	0.5 ± 0.4
E00701	3007	1309	0.0 - 0.5	6.5 ± 0.5	1.8 ± 0.1	1.2 ± 0.3	1.3 ± 0.7
E04201	3030	1469	0.0 - 0.5	5.0 ± 2.4	2.9 ± 0.3	1.4 ± 0.0	2.6 ± 0.8
E04301	3087	1463	0.0 - 0.5	7.9 ± 0.6	1.4 ± 0.0	1.6 ± 0.0	1.2 ± 0.5
E03701	3108	1805	0.0 - 0.5	3.6 ± 0.0	1.1 ± 0.2	0.8 ± 0.0	1.2 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - City of St. Louis Property

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
S00101	3327	2215	0.0 - 0.5	4.0 ± 0.0	1.6 ± 0.2	1.0 ± 0.0	1.2 ± 0.5
S00801	3343	1985	0.0 - 0.5	19.8 ± 0.0	2.6 ± 0.6	1.0 ± 0.0	0.9 ± 0.8
S00501	3441	2086	0.0 - 0.5	14.5 ± 0.0	0.8 ± 0.0	1.3 ± 0.4	1.8 ± 0.7
S00201	3494	2183	0.0 - 0.5	4.1 ± 0.0	0.9 ± 0.0	1.4 ± 0.5	0.8 ± 0.4
S00901	3522	1994	0.0 - 0.5	7.1 ± 0.0	1.2 ± 0.0	1.4 ± 0.4	0.5 ± 0.8
S12301	3556	1224	0.0 - 0.5	5.0 ± 0.0	3.5 ± 0.4	1.3 ± 0.0	1.9 ± 0.7
S00601	3592	2050	0.0 - 0.5	7.8 ± 0.0	2.3 ± 0.3	1.8 ± 0.5	1.1 ± 0.5
S01701	3593	1318	0.0 - 0.5	6.9 ± 0.0	1.8 ± 0.7	1.5 ± 0.0	5.8 ± 1.2
S01601	3597	1373	0.0 - 0.5	2.3 ± 0.0	2.0 ± 0.5	1.4 ± 0.0	1.4 ± 0.6
S01101	3599	1901	0.0 - 0.5	17.1 ± 0.0	1.8 ± 0.1	2.3 ± 0.3	0.2 ± 0.7
S00301	3610	2200	0.0 - 0.5	18.8 ± 0.0	2.8 ± 0.3	1.3 ± 0.4	12.3 ± 1.7 *
S01501	3623	1443	0.0 - 0.5	6.2 ± 0.0	3.0 ± 0.3	1.3 ± 0.0	11.5 ± 1.7 *
S01401	3634	1471	0.0 - 0.5	6.1 ± 0.0	1.5 ± 0.1	1.2 ± 0.0	2.6 ± 0.9
S00401	3638	2105	0.0 - 0.5	6.9 ± 0.0	1.1 ± 0.0	1.5 ± 0.4	1.4 ± 0.6
S01301	3648	1698	0.0 - 0.5	22.2 ± 0.0	2.2 ± 0.1	2.3 ± 0.2	1.2 ± 0.8
S01201	3662	1804	0.0 - 0.5	8.6 ± 0.0	3.5 ± 0.4	1.7 ± 0.3	0.6 ± 0.8
S01001	3671	2005	0.0 - 0.5	7.0 ± 0.0	2.4 ± 0.4	1.5 ± 0.4	0.2 ± 0.7
S00701	3727	2056	0.0 - 0.5	5.4 ± 0.0	1.1 ± 0.2	1.5 ± 0.0	1.6 ± 0.6

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - Vicinity of Angelrodt Street

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
V02301	1606	888	0.0 - 0.5	9.6 ± 0.0	2.3 ± 0.3	0.5 ± 0.0	0.4 ± 0.3	
V01901	1643	1000	0.0 - 0.5	4.9 ± 0.0	1.3 ± 0.5	1.0 ± 0.0	1.0 ± 0.5	
V02201	1698	922	0.0 - 0.5	7.0 ± 1.2	5.8 ± 0.5	2.1 ± 0.2	2.5 ± 0.7	S
V02501	1702	843	0.0 - 0.5	5.4 ± 1.9	1.7 ± 0.3	0.8 ± 0.3	0.2 ± 0.3	
V02401	1780	875	0.0 - 0.5	2.4 ± 1.0	1.7 ± 0.2	1.0 ± 0.3	0.6 ± 0.4	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLDS - EPA Requested Boreholes

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
Y12701	2291	1438	0.0 - 0.5	13.6 ± 1.4	2.5 ± 0.1	1.2 ± 0.5	2.3 ± 0.8
Y12501	2650	1654	0.0 - 0.5	76.6 ± 4.2	9.3 ± 2.1	2.3 ± 1.5	20.0 ± 2.2 *
Y12801	3198	1017	0.0 - 0.5	<4.2 ± 0.0	<1.0 ± 0.0	<1.3 ± 0.0	1.8 ± 0.7

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Table 3-6 Field Sampling Plan Sampling Data

Radionuclide Concentrations in Soil

Deep Investigations at SLDS - Norfolk & Western Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1320	1147	1.0 - 2.0	< 5.4 ± 0.0	< 1.5 ± 0.0	< 3.2 ± 0.0	2.8 ± 0.9
	1320	1165	1.0 - 2.0	34.0 ± 21.0	6.0 ± 2.5	7.5 ± 6.9	4.0 ± 1.0 S
	1320	1165	2.0 - 3.0	23.0 ± 9.0	3.2 ± 1.6	< 1.1 ± 0.0	1.9 ± 0.7
	1320	1210	1.0 - 2.0	10.3 ± 6.9	< 1.5 ± 0.0	< 3.6 ± 0.0	1.2 ± 0.6
	1345	1200	0.5 - 1.0	5.9 ± 4.7	2.8 ± 1.7	< 2.7 ± 0.0	3.3 ± 0.9
	1345	1300	2.0 - 3.0	3.6 ± 3.1	3.2 ± 0.5	1.8 ± 0.7	2.1 ± 0.8
	1345	1425	1.0 - 2.0	< 5.5 ± 0.0	3.6 ± 1.3	< 3.1 ± 0.0	2.1 ± 0.8
	1345	1500	2.0 - 3.0	< 3.3 ± 0.0	2.3 ± 0.6	< 0.7 ± 0.0	2.7 ± 0.8
	1345	1600	0.5 - 1.0	19.0 ± 12.0	3.9 ± 2.3	3.8 ± 0.0	7.1 ± 1.3
	1345	1700	2.0 - 3.0	3.7 ± 2.7	1.8 ± 0.5	< 1.1 ± 0.0	2.8 ± 0.9
	1345	2000	0.5 - 1.0	< 2.7 ± 0.0	1.5 ± 0.4	< 1.0 ± 0.0	1.4 ± 0.6
	1352	1600	0.5 - 1.0	19.4 ± 4.7	3.1 ± 0.4	2.1 ± 0.9	3.9 ± 1.0
	1352	1900	0.5 - 1.0	5.2 ± 3.8	2.5 ± 0.4	1.0 ± 0.6	2.8 ± 0.9
	1352	2100	0.5 - 1.0	3.7 ± 2.6	2.5 ± 0.6	< 1.1 ± 0.0	3.6 ± 1.0
	1352	2300	0.5 - 1.0	4.8 ± 3.3	3.1 ± 0.6	< 1.3 ± 0.0	2.5 ± 0.8
	1360	1900	0.5 - 1.0	< 5.8 ± 0.0	< 1.5 ± 0.0	< 3.1 ± 0.0	1.4 ± 0.7
	1360	2100	0.5 - 1.0	< 5.6 ± 0.0	2.5 ± 1.2	< 3.5 ± 0.0	1.9 ± 0.9
	1380	1130	0.5 - 1.0	< 5.7 ± 0.0	4.8 ± 1.5	< 3.1 ± 0.0	3.3 ± 0.9
	1397	1050	0.5 - 1.0	< 5.6 ± 0.0	< 1.5 ± 0.0	< 3.5 ± 0.0	3.3 ± 0.9

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - St. Louis Terminal Association Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
T01002	2061	2178	5.0 - 7.0	3.6 ± 0.0	0.8 ± 0.2	0.9 ± 0.2	0.8 ± 0.5
T01003	2061	2178	13.0 - 15.0	3.1 ± 2.9	0.8 ± 0.2	0.9 ± 0.1	0.9 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - St. Louis Terminal Railroad Association

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2080	1500	0.5 - 1.0	< 4.0 ± 0.0	3.6 ± 0.4	8.7 ± 0.8	4.5 ± 1.0	
	2082	1100	1.0 - 2.0	2.6 ± 2.4	2.0 ± 0.3	1.3 ± 0.5	2.4 ± 0.8	
	2083	1300	0.5 - 1.0	< 3.5 ± 0.0	2.3 ± 0.5	1.0 ± 0.7	1.9 ± 0.7	
	2083	1493	0.5 - 1.0	8.9 ± 7.3	2.9 ± 0.9	< 2.2 ± 0.0	16.6 ± 1.9	*
	2083	1493	2.0 - 3.0	< 7.9 ± 0.0	1.8 ± 0.9	< 1.3 ± 0.0	2.7 ± 0.8	
	2085	1700	2.0 - 3.0	2.9 ± 2.5	2.0 ± 0.3	0.9 ± 0.5	2.8 ± 0.9	
	2090	2100	0.5 - 1.0	2.6 ± 2.0	1.5 ± 0.3	0.4 ± 0.0	5.0 ± 1.1	
	2132	1038	0.5 - 1.0	< 8.2 ± 0.0	2.1 ± 0.9	< 2.2 ± 0.0	1.3 ± 0.6	
	2140	2001	0.5 - 1.0	< 1.9 ± 0.0	0.7 ± 0.2	0.6 ± 0.4	1.2 ± 0.6	
	2141	1325	0.5 - 1.0	< 7.8 ± 0.0	11.6 ± 1.5	< 2.3 ± 0.0	117.2 ± 5.1	*
	2141	1325	2.0 - 3.0	5.3 ± 4.9	2.5 ± 0.7	< 1.3 ± 0.0	2.6 ± 0.8	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Chicago, Burlington, and Quincy Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
Q00602	3269	1621	1.5 - 3.5	6.7 ± 2.0	3.6 ± 0.6	1.8 ± 0.4	1.8 ± 0.7
Q00603	3269	1621	9.0 - 11.0	7.6 ± 0.0	1.0 ± 0.0	0.8 ± 0.1	1.6 ± 0.7

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Chicago, Burlington, and Quincy Railroad

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3050	1100	1.0 - 2.0	9.1 ± 4.4	2.5 ± 0.6	< 1.1 ± 0.0	13.7 ± 1.8	
	3050	1150	1.0 - 2.0	9.7 ± 8.4	2.8 ± 1.6	< 3.1 ± 0.0	1.2 ± 0.6	
	3070	1082	1.0 - 2.0	< 5.4 ± 0.0	4.2 ± 1.2	< 2.2 ± 0.0	2.9 ± 0.9	
	3100	1100	1.0 - 2.0	< 8.8 ± 0.0	3.0 ± 1.8	< 2.0 ± 0.0	1.6 ± 0.7	
	3100	1250	1.0 - 2.0	< 5.8 ± 0.0	2.0 ± 1.0	< 1.8 ± 0.0	0.9 ± 0.6	
	3100	1300	1.0 - 2.0	< 8.6 ± 0.0	2.2 ± 1.3	< 3.0 ± 0.0	9.9 ± 1.5	
	3100	1350	0.5 - 1.0	22.3 ± 9.9	2.4 ± 1.2	< 2.2 ± 0.0	134.7 ± 5.4	*
	3100	1350	1.0 - 2.0	< 3.7 ± 0.0	3.8 ± 0.9	< 1.1 ± 0.0	2.9 ± 0.9	
	3100	1400	0.5 - 1.0	26.1 ± 9.8	2.7 ± 1.0	< 2.2 ± 0.0	30.4 ± 2.6	*
	3100	1400	1.0 - 2.0	5.7 ± 4.0	1.7 ± 0.8	1.4 ± 0.9	71.0 ± 4.0	*
	3119	1300	2.0 - 3.0	3.1 ± 2.0	0.9 ± 0.2	0.9 ± 0.4	3.9 ± 1.0	
	3150	1300	0.5 - 1.0	7.4 ± 7.0	1.9 ± 0.9	< 2.0 ± 0.0	3.0 ± 0.9	
	3150	1350	2.0 - 3.0	< 6.5 ± 0.0	< 1.3 ± 0.0	< 2.2 ± 0.0	1.5 ± 0.7	
	3150	1500	0.5 - 1.0	< 5.9 ± 0.0	2.4 ± 1.0	< 2.0 ± 0.0	13.7 ± 1.8	
	3150	1550	0.5 - 1.0	< 24.6 ± 0.0	4.3 ± 2.3	< 6.3 ± 0.0	3.3 ± 0.9	
	3150	1550	1.0 - 2.0	< 4.4 ± 0.0	3.4 ± 1.0	2.1 ± 1.1	1.7 ± 0.7	
	3154	1500	0.5 - 1.0	6.5 ± 3.0	2.3 ± 0.4	1.0 ± 0.6	7.5 ± 1.3	
	3168	1400	2.0 - 3.0	< 2.2 ± 0.0	2.1 ± 0.2	0.9 ± 0.4	2.7 ± 0.8	
	3203	1600	0.5 - 1.0	< 2.0 ± 0.0	0.7 ± 0.2	< 0.5 ± 0.0	1.3 ± 0.6	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - McKinley Iron Company Property

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2200	1900	0.5 - 1.0	2.2 ± 1.0	1.7 ± 0.1	0.7 ± 0.2	2.4 ± 0.8	
	2250	1875	0.5 - 1.0	7.7 ± 4.4	3.8 ± 0.6	< 7.8 ± 0.0	5.6 ± 1.2	
	2300	1863	0.5 - 1.0	< 4.4 ± 0.0	5.1 ± 0.6	1.3 ± 0.6	11.2 ± 1.6	
	2350	1875	0.5 - 1.0	< 7.8 ± 0.0	7.5 ± 0.6	< 1.1 ± 0.0	12.4 ± 1.7	
	2394	1944	0.5 - 1.0	37.9 ± 9.0	28.6 ± 1.0	< 1.0 ± 0.0	39.4 ± 3.0	*
	2394	1944	1.0 - 2.0	26.0 ± 7.0	17.0 ± 2.0	< 1.0 ± 0.0	11.0 ± 2.0	*
	2400	1864	0.5 - 1.0	7.2 ± 4.0	3.5 ± 0.6	< 0.8 ± 0.0	4.2 ± 1.0	
	2400	2000	0.5 - 1.0	5.8 ± 3.0	3.1 ± 0.4	< 0.5 ± 0.0	12.6 ± 1.7	
	2500	1863	0.5 - 1.0	5.3 ± 3.8	2.5 ± 0.6	1.8 ± 1.0	5.4 ± 1.1	
	2600	1863	0.5 - 1.0	6.3 ± 4.4	4.8 ± 0.6	0.9 ± 1.2	15.5 ± 1.9	S
	2700	1863	0.5 - 1.0	< 3.0 ± 0.0	2.7 ± 0.4	< 1.0 ± 0.0	4.8 ± 1.1	
	2800	1863	0.5 - 1.0	4.0 ± 3.4	2.3 ± 0.4	1.6 ± 0.8	3.6 ± 0.9	
	2900	1860	0.5 - 1.0	9.0 ± 3.8	2.0 ± 0.4	< 1.0 ± 0.0	4.2 ± 1.0	
	2900	1875	0.5 - 1.0	5.1 ± 2.4	1.2 ± 0.2	0.8 ± 0.6	3.5 ± 0.9	
	3000	1880	0.5 - 1.0	8.7 ± 4.0	2.4 ± 0.4	< 0.8 ± 0.0	12.6 ± 1.7	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - PVO Foods, Inc.

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
F00802	3232	1269	1.5 - 3.5	2.1 ± 1.4	2.9 ± 0.1	1.4 ± 0.3	1.4 ± 0.6
F00803	3232	1269	13.0 - 15.0	4.4 ± 1.5	2.1 ± 0.1	1.3 ± 0.2	1.3 ± 0.6

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Thomas and Proetz Lumber Company

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
L01202	2203	1266	2.0 - 4.0	8.3 ± 0.0	1.6 ± 0.3	1.0 ± 0.4	2.9 ± 0.8
L01203	2203	1266	8.0 - 10.0	6.5 ± 0.0	1.9 ± 0.6	1.8 ± 0.7	2.0 ± 0.7

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Thomas and Proetz Lumber Company

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2585	1095	0.5 - 1.0	< 13.2 ± 0.0	3.3 ± 1.2	< 2.7 ± 0.0	9.5 ± 1.5
	2700	1205	0.5 - 1.0	4.8 ± 4.4	1.9 ± 0.4	0.7 ± 0.6	3.4 ± 0.9
	2734	1212	1.0 - 2.0	< 11.8 ± 0.0	1.7 ± 1.0	< 2.8 ± 0.0	1.9 ± 0.7
	2754	1165	0.5 - 1.0	< 11.0 ± 0.0	< 1.1 ± 0.0	< 2.0 ± 0.0	1.1 ± 0.6
	2795	1245	0.5 - 1.0	< 16.5 ± 0.0	3.5 ± 1.7	4.0 ± 2.8	3.7 ± 1.0
	2800	1205	0.5 - 1.0	< 3.4 ± 0.0	1.5 ± 0.4	1.5 ± 0.6	6.3 ± 1.2

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Plants 1, 2, and 5

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
P08502	1682	1625	23.0 - 25.0	4.8 ± 1.1	1.0 ± 0.1	1.0 ± 0.1	1.0 ± 0.6
P08503	1682	1625	25.0 - 27.0	2.2 ± 1.0	0.8 ± 0.1	1.0 ± 0.2	1.1 ± 0.6
P08505	1682	1625	29.0 - 31.0	6.6 ± 0.0	1.0 ± 0.1	0.9 ± 0.1	0.7 ± 0.5
P08506	1682	1625	31.0 - 33.0	1.3 ± 0.7	0.9 ± 0.1	1.1 ± 0.3	0.7 ± 0.5
P08507	1682	1625	33.0 - 35.0	3.2 ± 1.2	1.0 ± 0.2	1.1 ± 0.1	1.4 ± 0.7
P08504	1682	1625	27.0 - 29.0	3.1 ± 0.6	1.1 ± 0.3	0.9 ± 0.2	0.8 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Plants 6E and 7S

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
E01102	2290	1599	7.0 - 9.0	66.8 ± 0.6	1.6 ± 0.1	1.1 ± 0.0	0.8 ± 0.5	*
E01103	2290	1599	11.0 - 13.0	3.1 ± 1.7	1.7 ± 0.0	1.6 ± 0.2	0.6 ± 0.5	
E00902	2386	1827	6.0 - 8.0	10.3 ± 5.8	3.1 ± 0.2	1.3 ± 0.3	0.6 ± 0.5	
E00903	2386	1827	10.0 - 12.0	65.8 ± 4.2	2.0 ± 0.4	1.9 ± 0.5	0.5 ± 0.5	*
OT0003	2400	1830	6.0 - 8.0	6.7 ± 0.0	4.9 ± 0.4	1.4 ± 0.4	2.3 ± 0.8	
E01302	2400	1830	6.0 - 8.0	4.3 ± 0.0	4.8 ± 0.3	1.6 ± 0.3	3.6 ± 1.0	
E01303	2400	1830	14.0 - 16.0	42.1 ± 6.1	2.3 ± 0.3	1.6 ± 0.2	1.8 ± 0.6	
E00505	2901	1596	0.5 - 2.5	17.9 ± 2.7	4.7 ± 0.4	5.7 ± 0.4	6.7 ± 1.3	S
E00506	2901	1596	14.0 - 16.0	7.2 ± 0.0	1.3 ± 0.2	1.4 ± 0.2	36.9 ± 3.0	*
E00702	3007	1309	5.0 - 7.0	6.8 ± 0.0	3.7 ± 0.6	1.4 ± 0.0	2.6 ± 0.9	
E00703	3007	1309	11.0 - 13.0	3.0 ± 1.7	1.1 ± 0.1	0.6 ± 0.1	1.0 ± 0.5	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Deep Investigations at SLDS - Vicinity of Angelrodt Street

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
V02002	1701	985	0.5 - 1.0	5.8 ± 0.4	2.1 ± 0.2	1.4 ± 0.0	1.4 ± 0.6
V02102	2837	977	0.5 - 1.0	10.5 ± 0.0	2.4 ± 0.4	1.0 ± 0.2	1.1 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Table 3-7 Historic Sampling Data
Radionuclide Concentrations in Sediment
Shallow Investigations at SLDS - Mississippi River

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3620	1125	0.0 - 0.5	< 15.0 ± 0.0	6.0 ± 1.0	4.0 ± 1.0	4.0 ± 0.7 *
	3645	1175	0.0 - 0.5	49.0 ± 17.0	200.0 ± 10	< 1.0 ± 0.0	160.0 ± 10.0 *
	3700	1400	0.0 - 0.5	< 16.0 ± 0.0	160.0 ± 10	< 1.0 ± 0.0	22.0 ± 1.0 *
	3710	1335	0.0 - 0.5	< 13.0 ± 0.0	6.0 ± 1.0	6.0 ± 2.0	5.6 ± 0.7 *
	3745	1425	0.0 - 0.5	< 9.0 ± 0.0	13.0 ± 2.0	7.0 ± 2.0	5.0 ± 2.0 *
	3760	1250	0.0 - 0.5	< 61.0 ± 0.0	1100 ± 100	< 5.0 ± 0.0	1.1 ± 0.4 *

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-258A

Table 3-8 Field Sampling Plan Sampling Data

Radionuclide Concentrations in Sediment
Shallow Investigations at SLDS - Mississippi River

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
R00611	3660	1120	0.0 - 0.5	2.2 ± 0.0	0.4 ± 0.0	0.5 ± 0.0	0.2 ± 0.0
R00811	3670	1095	0.0 - 0.5	1.2 ± 0.0	0.4 ± 0.0	0.7 ± 0.0	0.0 ± 0.0
R00911	3680	1000	0.0 - 0.5	2.5 ± 0.0	0.4 ± 0.0	0.4 ± 0.0	0.9 ± 0.0
R00511	3690	1170	0.0 - 0.5	2.1 ± 0.0	0.6 ± 0.0	0.5 ± 0.0	0.5 ± 0.0
R00111	3790	1440	0.0 - 0.5	0.6 ± 0.0	0.4 ± 0.0	0.5 ± 0.0	0.4 ± 0.0
R01011	3800	1000	0.0 - 0.5	2.2 ± 0.0	0.3 ± 0.0	0.4 ± 0.0	0.5 ± 0.0
R00411	3800	1190	0.0 - 0.5	8.8 ± 0.0	0.4 ± 0.0	0.6 ± 0.0	0.5 ± 0.0
R00211	3805	1360	0.0 - 0.5	10.0 ± 0.0	0.3 ± 0.0	0.3 ± 0.0	0.2 ± 0.0
R00311	3810	1260	0.0 - 0.5	2.8 ± 0.0	0.4 ± 0.0	0.6 ± 0.0	0.6 ± 0.0
R00711	3826	1110	0.0 - 0.5	3.0 ± 0.0	0.5 ± 0.0	0.6 ± 0.0	0.5 ± 0.0

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Table 3-9 Historic Sampling Data
Radionuclide Concentrations in Sludge
Sampling at SLDS - Manholes

Loc.ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
MH71	1251	1011	0.0 - 0.0	< 4.0 ± 0.0	1.3 ± 0.3	0.7 ± 0.5	2.9 ± 1.4	
MH72	1284	1322	0.0 - 0.0	< 6.0 ± 0.0	1.5 ± 1.0	< 4.0 ± 0.0	1.2 ± 1.0	
MH70	1300	1470	0.0 - 0.0	< 4.0 ± 0.0	1.4 ± 0.7	1.6 ± 0.7	2.9 ± 1.4	
MH69	1476	2043	0.0 - 0.0	7.0 ± 2.0	2.3 ± 0.4	< 1.0 ± 0.0	4.7 ± 1.8	
MH82	1510	1208	0.0 - 0.0	190.0 ± 10.0	930.0 ± 10	640.0 ± 10	510.0 ± 20.0	*
MH56	1555	2127	0.0 - 0.0	< 17.0 ± 0.0	11.0 ± 3.0	< 9.0 ± 0.0	3.7 ± 1.6	*
MH51	1560	1649	0.0 - 0.0	< 2.0 ± 0.0	0.8 ± 0.2	< 1.0 ± 0.0	1.9 ± 1.1	
MH59	1636	2137	0.0 - 0.0	30.0 ± 9.0	7.0 ± 1.0	< 5.0 ± 0.0	16.0 ± 3.0	*
MH46	1706	1839	0.0 - 0.0	< 26.0 ± 0.0	10.0 ± 2.0	30.0 ± 5.0	10.0 ± 4.0	*
MH36	1707	1563	0.0 - 0.0	< 7.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	1.1 ± 0.6	
MH74	1709	1332	0.0 - 0.0	< 7.0 ± 0.0	4.4 ± 0.5	1.0 ± 0.6	2.4 ± 1.3	
MH53	1719	1622	0.0 - 0.0	19.0 ± 4.0	5.3 ± 0.8	2.5 ± 0.9	12.0 ± 3.0	*
MH35	1721	1574	0.0 - 0.0	< 10.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	4.6 ± 0.7	S
MH37	1724	1513	0.0 - 0.0	< 6.0 ± 0.0	2.3 ± 0.6	2.0 ± 1.0	4.2 ± 0.6	
MH39	1732	1488	0.0 - 0.0	< 8.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	9.7 ± 1.9	*
MH38	1733	1500	0.0 - 0.0	< 11.0 ± 0.0	8.0 ± 2.0	4.0 ± 2.0	21.0 ± 2.0	*
MH34	1734	1575	0.0 - 0.0	< 14.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	2.6 ± 0.5	
MH64	1736	2037	0.0 - 0.0	7.0 ± 5.0	< 2.0 ± 0.0	< 1.0 ± 0.0	0.9 ± 0.8	
MH45	1737	1795	0.0 - 0.0	< 4.0 ± 0.0	1.8 ± 0.7	1.4 ± 0.9	1.3 ± 0.9	
MH44	1738	1726	0.0 - 0.0	< 3.0 ± 0.0	< 1.0 ± 0.0	1.0 ± 0.7	3.1 ± 1.4	
MH40	1741	1682	0.0 - 0.0	< 53.0 ± 0.0	7.0 ± 4.0	< 5.0 ± 0.0	5.7 ± 0.8	*
MH47	1755	1826	0.0 - 0.0	< 8.0 ± 0.0	3.1 ± 0.9	4.0 ± 1.0	3.5 ± 0.6	
MH41	1787	1577	0.0 - 0.0	< 2.0 ± 0.0	2.2 ± 0.6	0.9 ± 0.6	3.6 ± 1.5	
MH62	1790	2119	0.0 - 0.0	< 6.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 1.0	< 0.6 ± 0.0	
MH42	1821	1619	0.0 - 0.0	< 5.0 ± 0.0	2.8 ± 0.9	2.2 ± 0.9	1.8 ± 1.1	
MH43	1847	1602	0.0 - 0.0	< 4.0 ± 0.0	2.0 ± 0.9	3.0 ± 1.0	3.2 ± 1.5	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Radionuclide Concentrations in Sludge
Sampling at SLDS - Manholes

Loc.ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
MH48	1870	1826	0.0 - 0.0	< 7.0 ± 0.0	2.4 ± 0.7	1.9 ± 0.7	3.9 ± 0.7	
MH75	1941	1331	0.0 - 0.0	< 5.0 ± 0.0	8.0 ± 1.0	2.0 ± 1.0	< 0.5 ± 0.0	*
MH63	2048	2216	0.0 - 0.0	< 3.0 ± 0.0	1.0 ± 0.4	< 2.0 ± 0.0	0.8 ± 0.7	
MH23	2159	1444	0.0 - 0.0	< 4.0 ± 0.0	1.1 ± 0.6	1.3 ± 0.8	1.1 ± 0.9	
MH26	2160	1733	0.0 - 0.0	< 4.0 ± 0.0	2.8 ± 0.7	< 1.0 ± 0.0	1.1 ± 0.9	
MH28	2221	1732	0.0 - 0.0	22.0 ± 12.0	11.0 ± 2.0	3.0 ± 1.0	73.0 ± 4.0	*
MH29	2249	1701	0.0 - 0.0	18.0 ± 12.0	10.0 ± 1.0	8.0 ± 2.0	43.0 ± 4.0	*
MH22	2337	1436	0.0 - 0.0	< 8.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 2.0	2.7 ± 1.4	
MH32	2461	1553	0.0 - 0.0	9.0 ± 5.0	3.2 ± 0.7	2.0 ± 1.0	5.9 ± 0.8	S
MH20	2506	1454	0.0 - 0.0	< 14.0 ± 0.0	5.0 ± 1.0	3.0 ± 2.0	39.0 ± 2.0	*
MH19	2632	1454	0.0 - 0.0	< 32.0 ± 0.0	22.0 ± 4.0	11.0 ± 6.0	520.0 ± 20.0	*
MH18	2636	1351	0.0 - 0.0	7.0 ± 4.0	4.1 ± 0.8	5.0 ± 1.0	15.0 ± 3.0	*
MH11	2689	1709	0.0 - 0.0	< 31.0 ± 0.0	41.0 ± 3.0	110.0 ± 10	37.0 ± 5.0	*
MH13	2689	1801	0.0 - 0.0	91.0 ± 15.0	41.0 ± 4.0	44.0 ± 4.0	24.0 ± 4.0	*
MH9	2711	1502	0.0 - 0.0	< 12.0 ± 0.0	17.0 ± 2.0	15.0 ± 3.0	71.0 ± 5.0	*
MH17	2764	1347	0.0 - 0.0	21.0 ± 7.0	8.0 ± 1.0	16.0 ± 2.0	4.0 ± 1.7	*
MH14	2903	1705	0.0 - 0.0	270.0 ± 20.0	130.0 ± 10	91.0 ± 6.0	150.0 ± 10.0	*
MH7	2903	1490	0.0 - 0.0	42.0 ± 23.0	31.0 ± 3.0	27.0 ± 4.0	20.0 ± 1.0	*
MH8	2905	1453	0.0 - 0.0	< 35.0 ± 0.0	13.0 ± 3.0	< 3.0 ± 0.0	2600 ± 100.0	*
MH15	2905	1617	0.0 - 0.0	160.0 ± 30.0	76.0 ± 7.0	74.0 ± 10	92.0 ± 8.0	*
MH5	3110	1494	0.0 - 0.0	24.0 ± 7.0	6.0 ± 1.0	6.0 ± 2.0	50.0 ± 2.0	*
MH2	3288	1483	0.0 - 0.0	< 30.0 ± 0.0	4.0 ± 2.0	< 6.0 ± 0.0	6.0 ± 0.7	*
MH1	3295	1834	0.0 - 0.0	< 10.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	3.9 ± 0.7	
MH3	3388	1463	0.0 - 0.0	< 19.0 ± 0.0	2.0 ± 2.0	4.0 ± 3.0	2.0 ± 0.4	S

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Table 3-10 Field Sampling Plan Sampling Data

Radionuclide Concentrations in Sludge
Sampling at SLDS - Drain Lines

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
X00611	3109	1450	n/a	4.2 ± 0.4	1.7 ± 0.2	0.8 ± 0.0	4.2 ± 1.0	
X01511	2905	1617	n/a	6.4 ± 0.8	3.1 ± 0.2	1.6 ± 0.5	13.7 ± 1.8	*
X02511	2156	1490	n/a	5.3 ± 0.0	1.2 ± 0.4	1.6 ± 0.2	1.2 ± 0.5	
X03311	2499	1555	n/a	7.5 ± 3.1	3.4 ± 0.4	4.1 ± 0.6	3.6 ± 0.9	S
X05011	1557	1729	n/a	2.7 ± 0.4	0.9 ± 0.1	0.7 ± 0.0	3.2 ± 0.9	
X05211	1558	1577	n/a	3.2 ± 0.4	0.6 ± 0.0	0.5 ± 0.1	2.0 ± 0.7	
X05511	1487	2137	n/a	6.5 ± 0.9	4.3 ± 0.3	1.1 ± 0.2	3.9 ± 0.6	
X05711	1554	2059	n/a	3.3 ± 0.6	1.4 ± 0.3	0.7 ± 0.1	1.9 ± 0.7	
X06611	1958	1951	n/a	5.8 ± 0.0	3.4 ± 0.5	5.0 ± 1.0	2.0 ± 0.7	S
X06711	1965	2020	n/a	4.7 ± 0.3	1.5 ± 0.3	1.2 ± 0.0	2.3 ± 0.7	
X07311	1251	1011	n/a	8.0 ± 0.9	4.6 ± 0.2	2.5 ± 0.7	5.4 ± 1.1	S
X10011	2890	1810	n/a	35.2 ± 5.8	17.6 ± 0.8	14.4 ± 3.0	34.9 ± 2.8	*
X10111	2790	1830	n/a	13.4 ± 1.9	10.9 ± 0.3	3.6 ± 0.9	5.8 ± 1.1	*
X10211	2800	1420	n/a	123.0 ± 1.0	42.4 ± 3.8	50.6 ± 1.2	2662 ± 25.6	*
X10311	2370	1690	n/a	16.8 ± 0.7	4.6 ± 0.3	1.0 ± 0.4	10.2 ± 1.6	*
X10411	1550	2130	n/a	17.8 ± 3.4	4.5 ± 0.4	2.1 ± 0.4	0.8 ± 0.5	S
X10611	1550	1670	n/a	4.8 ± 0.0	0.8 ± 0.0	0.4 ± 0.1	0.6 ± 0.4	
X10711	1520	1610	n/a	5.7 ± 0.0	1.9 ± 0.6	1.4 ± 0.0	0.1 ± 0.2	
X10811	1520	1590	n/a	6.2 ± 0.0	2.4 ± 0.2	2.7 ± 0.8	32.9 ± 2.9	*
X11011	1030	1020	n/a	1.2 ± 0.6	0.7 ± 0.1	0.6 ± 0.3	0.6 ± 0.4	
X11111	1040	1000	n/a	4.2 ± 0.0	0.6 ± 0.1	0.5 ± 0.2	1.1 ± 0.5	
X11211	1040	1470	n/a	1.5 ± 0.6	0.6 ± 0.1	0.6 ± 0.2	1.0 ± 0.5	
X11511	2380	1700	n/a	6.8 ± 1.4	4.3 ± 0.1	2.3 ± 0.1	4.3 ± 1.0	S

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Table 3-11 Field Sampling Plan Sampling Data
Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08301	B16C83	1330	1135	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08301	B16C83	1330	1135	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08301	B16C83	1330	1135	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08301	B16C83	1330	1135	"	2,4,5-T	5.0 U	UG/L
D08301	B16C83	1330	1135	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08301	B16C83	1330	1135	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08301	B16C83	1330	1135	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08301	B16C83	1330	1135	"	2,4-D	10.0 U	UG/L
D08301	B16C83	1330	1135	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08301	B16C83	1330	1135	"	2-BUTANONE	100.0 U	UG/L
D08301	B16C83	1330	1135	"	2-METHYLPHENOL	100.0 U	UG/L
D08301	B16C83	1330	1135	"	4-METHYLPHENOL	100.0 U	UG/L
D08301	B16C83	1330	1135	"	ALPHA CHLORDANE	1.4 U	UG/L
D08301	B16C83	1330	1135	"	ARSENIC	100.0 U	UG/L
D08301	B16C83	1330	1135	"	BARIUM	912.0 =	UG/L
D08301	B16C83	1330	1135	"	BENZENE	50.0 U	UG/L
D08301	B16C83	1330	1135	"	CADMIUM	14.4 =	UG/L
D08301	B16C83	1330	1135	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08301	B16C83	1330	1135	"	CHLOROBENZENE	50.0 U	UG/L
D08301	B16C83	1330	1135	"	CHLOROFORM	50.0 U	UG/L
D08301	B16C83	1330	1135	"	CHROMIUM	10.0 U	UG/L
D08301	B16C83	1330	1135	"	ENDRIN	0.3 U	UG/L
D08301	B16C83	1330	1135	"	GAMMA CHLORDANE	1.4 U	UG/L
D08301	B16C83	1330	1135	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08301	B16C83	1330	1135	"	HEPT. EPOXIDE	0.1 U	UG/L
D08301	B16C83	1330	1135	"	HEPTACHLOR	0.1 U	UG/L
D08301	B16C83	1330	1135	"	HEXACHLOROBENZENE	100.0 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

0 = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08301	B16C83	1330	1135	0.0 - 2.0	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08301	B16C83	1330	1135	"	HEXACHLOROETHANE	100.0 U	UG/L
D08301	B16C83	1330	1135	"	LEAD	90.0 U	UG/L
D08301	B16C83	1330	1135	"	MERCURY	0.2 U	UG/L
D08301	B16C83	1330	1135	"	METHOXYCHLOR	1.4 U	UG/L
D08301	B16C83	1330	1135	"	NITROBENZENE	100.0 U	UG/L
D08301	B16C83	1330	1135	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08301	B16C83	1330	1135	"	PYRIDINE	100.0 U	UG/L
D08301	B16C83	1330	1135	"	SELENIUM	100.0 U	UG/L
D08301	B16C83	1330	1135	"	SILVER	10.0 U	UG/L
D08301	B16C83	1330	1135	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08301	B16C83	1330	1135	"	TOXAPHENE	2.8 U	UG/L
D08301	B16C83	1330	1135	"	TRICHLOROETHYLENE	50.0 U	UG/L
D08301	B16C83	1330	1135	"	VINYL CHLORIDE	100.0 U	UG/L
D08302	B16C83	1330	1135	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08302	B16C83	1330	1135	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08302	B16C83	1330	1135	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	2,4,5-T	5.0 U	UG/L
D08302	B16C83	1330	1135	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08302	B16C83	1330	1135	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08302	B16C83	1330	1135	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08302	B16C83	1330	1135	"	2,4-D	10.0 U	UG/L
D08302	B16C83	1330	1135	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	2-BUTANONE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	2-METHYLPHENOL	100.0 U	UG/L
D08302	B16C83	1330	1135	"	4-METHYLPHENOL	100.0 U	UG/L
D08302	B16C83	1330	1135	"	ALPHA CHLORDANE	1.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08302	B16C83	1330	1135	4.0 - 6.0	ARSENIC	100.0 U	UG/L
D08302	B16C83	1330	1135	"	BARIUM	1360 =	UG/L
D08302	B16C83	1330	1135	"	BENZENE	50.0 U	UG/L
D08302	B16C83	1330	1135	"	CADMIUM	6.0 =	UG/L
D08302	B16C83	1330	1135	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08302	B16C83	1330	1135	"	CHLOROBENZENE	50.0 U	UG/L
D08302	B16C83	1330	1135	"	CHLOROFORM	50.0 U	UG/L
D08302	B16C83	1330	1135	"	CHROMIUM	10.0 U	UG/L
D08302	B16C83	1330	1135	"	ENDRIN	0.2 U	UG/L
D08302	B16C83	1330	1135	"	GAMMA CHLORDANE	1.1 U	UG/L
D08302	B16C83	1330	1135	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08302	B16C83	1330	1135	"	HEPT. EPOXIDE	0.1 U	UG/L
D08302	B16C83	1330	1135	"	HEPTACHLOR	0.1 U	UG/L
D08302	B16C83	1330	1135	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	HEXACHLOROETHANE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	LEAD	90.0 U	UG/L
D08302	B16C83	1330	1135	"	MERCURY	0.2 U	UG/L
D08302	B16C83	1330	1135	"	METHOXYCHLOR	1.1 U	UG/L
D08302	B16C83	1330	1135	"	NITROBENZENE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08302	B16C83	1330	1135	"	PYRIDINE	100.0 U	UG/L
D08302	B16C83	1330	1135	"	SELENIUM	100.0 U	UG/L
D08302	B16C83	1330	1135	"	SILVER	10.0 U	UG/L
D08302	B16C83	1330	1135	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08302	B16C83	1330	1135	"	TOXAPHENE	2.1 U	UG/L
D08302	B16C83	1330	1135	"	TRICHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08302	B16C83	1330	1135	4.0 - 6.0	VINYL CHLORIDE	100.0 U	UG/L
D07001	B16C70	1517	2050	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D07001	B16C70	1517	2050	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D07001	B16C70	1517	2050	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	2,4,5-T	5.0 U	UG/L
D07001	B16C70	1517	2050	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D07001	B16C70	1517	2050	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D07001	B16C70	1517	2050	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D07001	B16C70	1517	2050	"	2,4-D	10.0 U	UG/L
D07001	B16C70	1517	2050	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	2-BUTANONE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	2-METHYLPHENOL	100.0 U	UG/L
D07001	B16C70	1517	2050	"	4-METHYLPHENOL	100.0 U	UG/L
D07001	B16C70	1517	2050	"	ALPHA CHLORDANE	1.5 U	UG/L
D07001	B16C70	1517	2050	"	ARSENIC	100.0 U	UG/L
D07001	B16C70	1517	2050	"	BARIUM	1010 =	UG/L
D07001	B16C70	1517	2050	"	BENZENE	50.0 U	UG/L
D07001	B16C70	1517	2050	"	CADMIUM	5.0 U	UG/L
D07001	B16C70	1517	2050	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D07001	B16C70	1517	2050	"	CHLOROBENZENE	50.0 U	UG/L
D07001	B16C70	1517	2050	"	CHLOROFORM	50.0 U	UG/L
D07001	B16C70	1517	2050	"	CHROMIUM	10.0 U	UG/L
D07001	B16C70	1517	2050	"	ENDRIN	0.3 U	UG/L
D07001	B16C70	1517	2050	"	GAMMA CHLORDANE	1.5 U	UG/L
D07001	B16C70	1517	2050	"	GAMMA-BHC (LINDANE)	0.2 U	UG/L
D07001	B16C70	1517	2050	"	HEPT. EPOXIDE	0.2 U	UG/L
D07001	B16C70	1517	2050	"	HEPTACHLOR	0.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07001	B16C70	1517	2050	0.0 - 2.0	HEXACHLOROBENZENE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	HEXACHLOROETHANE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	LEAD	90.0 U	UG/L
D07001	B16C70	1517	2050	"	MERCURY	0.2 U	UG/L
D07001	B16C70	1517	2050	"	METHOXYCHLOR	1.5 U	UG/L
D07001	B16C70	1517	2050	"	NITROBENZENE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	PENTACHLOROPHENOL	500.0 U	UG/L
D07001	B16C70	1517	2050	"	PYRIDINE	100.0 U	UG/L
D07001	B16C70	1517	2050	"	SELENIUM	100.0 U	UG/L
D07001	B16C70	1517	2050	"	SILVER	10.0 U	UG/L
D07001	B16C70	1517	2050	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D07001	B16C70	1517	2050	"	TOXAPHENE	3.0 U	UG/L
D07001	B16C70	1517	2050	"	TRICHLOROETHYLENE	50.0 U	UG/L
D07001	B16C70	1517	2050	"	VINYL CHLORIDE	100.0 U	UG/L
D08601	B16C86	1518	2044	6.8 - 8.8	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08601	B16C86	1518	2044	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08601	B16C86	1518	2044	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	2,4,5-T	5.0 U	UG/L
D08601	B16C86	1518	2044	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08601	B16C86	1518	2044	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08601	B16C86	1518	2044	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08601	B16C86	1518	2044	"	2,4-D	10.0 U	UG/L
D08601	B16C86	1518	2044	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	2-BUTANONE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	2-METHYLPHENOL	100.0 U	UG/L
D08601	B16C86	1518	2044	"	4-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08601	B16C86	1518	2044	6.8 - 8.8	ALPHA CHLORDANE	1.1 U	UG/L
D08601	B16C86	1518	2044	"	ARSENIC	100.0 U	UG/L
D08601	B16C86	1518	2044	"	BARIUM	1320 =	UG/L
D08601	B16C86	1518	2044	"	BENZENE	50.0 U	UG/L
D08601	B16C86	1518	2044	"	CADMIUM	13.5 =	UG/L
D08601	B16C86	1518	2044	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08601	B16C86	1518	2044	"	CHLOROBENZENE	50.0 U	UG/L
D08601	B16C86	1518	2044	"	CHLOROFORM	50.0 U	UG/L
D08601	B16C86	1518	2044	"	CHROMIUM	10.0 U	UG/L
D08601	B16C86	1518	2044	"	ENDRIN	0.2 U	UG/L
D08601	B16C86	1518	2044	"	GAMMA CHLORDANE	1.1 U	UG/L
D08601	B16C86	1518	2044	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08601	B16C86	1518	2044	"	HEPT. EPOXIDE	0.1 U	UG/L
D08601	B16C86	1518	2044	"	HEPTACHLOR	0.1 U	UG/L
D08601	B16C86	1518	2044	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	HEXACHLOROETHANE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	LEAD	90.0 U	UG/L
D08601	B16C86	1518	2044	"	MERCURY	0.2 U	UG/L
D08601	B16C86	1518	2044	"	METHOXYCHLOR	1.1 U	UG/L
D08601	B16C86	1518	2044	"	NITROBENZENE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08601	B16C86	1518	2044	"	PYRIDINE	100.0 U	UG/L
D08601	B16C86	1518	2044	"	SELENIUM	100.0 U	UG/L
D08601	B16C86	1518	2044	"	SILVER	10.0 U	UG/L
D08601	B16C86	1518	2044	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08601	B16C86	1518	2044	"	TOXAPHENE	2.1 U	UG/L

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Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08601	B16C86	1518	2044	6.8 - 8.8	TRICHLOROETHYLENE	50.0 U	UG/L
D08601	B16C86	1518	2044	"	VINYL CHLORIDE	100.0 U	UG/L
D07901	B16C79	2234	1700	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D07901	B16C79	2234	1700	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D07901	B16C79	2234	1700	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	2,4,5-T	5.0 U	UG/L
D07901	B16C79	2234	1700	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D07901	B16C79	2234	1700	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D07901	B16C79	2234	1700	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D07901	B16C79	2234	1700	"	2,4-D	10.0 U	UG/L
D07901	B16C79	2234	1700	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	2-BUTANONE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	2-METHYLPHENOL	100.0 U	UG/L
D07901	B16C79	2234	1700	"	4-METHYLPHENOL	100.0 U	UG/L
D07901	B16C79	2234	1700	"	ALPHA CHLORDANE	1.2 U	UG/L
D07901	B16C79	2234	1700	"	ARSENIC	100.0 U	UG/L
D07901	B16C79	2234	1700	"	BARIUM	1630 =	UG/L
D07901	B16C79	2234	1700	"	BENZENE	50.0 U	UG/L
D07901	B16C79	2234	1700	"	CADMIUM	5.1 =	UG/L
D07901	B16C79	2234	1700	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D07901	B16C79	2234	1700	"	CHLOROBENZENE	50.0 U	UG/L
D07901	B16C79	2234	1700	"	CHLOROFORM	50.0 U	UG/L
D07901	B16C79	2234	1700	"	CHROMIUM	10.0 U	UG/L
D07901	B16C79	2234	1700	"	ENDRIN	0.2 U	UG/L
D07901	B16C79	2234	1700	"	GAMMA CHLORDANE	1.2 U	UG/L
D07901	B16C79	2234	1700	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D07901	B16C79	2234	1700	"	HEPT. EPOXIDE	0.1 U	UG/L

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Soil Sampling Results at SLDS

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D07901	B16C79	2234	1700	2.0 - 4.0	HEPTACHLOR	0.1 U	UG/L
D07901	B16C79	2234	1700	"	HEXACHLOROBENZENE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	HEXACHLOROETHANE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	LEAD	90.0 U	UG/L
D07901	B16C79	2234	1700	"	MERCURY	0.2 U	UG/L
D07901	B16C79	2234	1700	"	METHOXYCHLOR	1.2 U	UG/L
D07901	B16C79	2234	1700	"	NITROBENZENE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	PENTACHLOROPHENOL	500.0 U	UG/L
D07901	B16C79	2234	1700	"	PYRIDINE	100.0 U	UG/L
D07901	B16C79	2234	1700	"	SELENIUM	100.0 U	UG/L
D07901	B16C79	2234	1700	"	SILVER	10.0 U	UG/L
D07901	B16C79	2234	1700	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D07901	B16C79	2234	1700	"	TOXAPHENE	2.4 U	UG/L
D07901	B16C79	2234	1700	"	TRICHLOROETHYLENE	50.0 U	UG/L
D07901	B16C79	2234	1700	"	VINYL CHLORIDE	100.0 U	UG/L
D07902	B16C79	2234	1700	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D07902	B16C79	2234	1700	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D07902	B16C79	2234	1700	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	2,4,5-T	5.0 U	UG/L
D07902	B16C79	2234	1700	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D07902	B16C79	2234	1700	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D07902	B16C79	2234	1700	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D07902	B16C79	2234	1700	"	2,4-D	10.0 U	UG/L
D07902	B16C79	2234	1700	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	2-BUTANONE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	2-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07902	B16C79	2234	1700	4.0 - 6.0	4-METHYLPHENOL	100.0 U	UG/L
D07902	B16C79	2234	1700	"	ALPHA CHLORDANE	1.2 U	UG/L
D07902	B16C79	2234	1700	"	ARSENIC	100.0 U	UG/L
D07902	B16C79	2234	1700	"	BARIUM	474.0 =	UG/L
D07902	B16C79	2234	1700	"	BENZENE	50.0 U	UG/L
D07902	B16C79	2234	1700	"	CADMIUM	5.0 U	UG/L
D07902	B16C79	2234	1700	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D07902	B16C79	2234	1700	"	CHLOROBENZENE	50.0 U	UG/L
D07902	B16C79	2234	1700	"	CHLOROFORM	50.0 U	UG/L
D07902	B16C79	2234	1700	"	CHROMIUM	10.0 U	UG/L
D07902	B16C79	2234	1700	"	ENDRIN	0.2 U	UG/L
D07902	B16C79	2234	1700	"	GAMMA CHLORDANE	1.2 U	UG/L
D07902	B16C79	2234	1700	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D07902	B16C79	2234	1700	"	HEPT. EPOXIDE	0.1 U	UG/L
D07902	B16C79	2234	1700	"	HEPTACHLOR	0.1 U	UG/L
D07902	B16C79	2234	1700	"	HEXACHLOROBENZENE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	HEXACHLOROETHANE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	LEAD	90.0 U	UG/L
D07902	B16C79	2234	1700	"	MERCURY	0.2 U	UG/L
D07902	B16C79	2234	1700	"	METHOXYCHLOR	1.2 U	UG/L
D07902	B16C79	2234	1700	"	NITROBENZENE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	PENTACHLOROPHENOL	500.0 U	UG/L
D07902	B16C79	2234	1700	"	PYRIDINE	100.0 U	UG/L
D07902	B16C79	2234	1700	"	SELENIUM	100.0 U	UG/L
D07902	B16C79	2234	1700	"	SILVER	10.0 U	UG/L
D07902	B16C79	2234	1700	"	TETRACHLOROETHYLENE	50.0 U	UG/L

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D07902	B16C79	2234	1700	4.0 - 6.0	TOXAPHENE	2.4 U	UG/L
D07902	B16C79	2234	1700	"	TRICHLOROETHYLENE	50.0 U	UG/L
D07902	B16C79	2234	1700	"	VINYL CHLORIDE	100.0 U	UG/L
D07501	B16C75	2235	1465	5.0 - 7.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07501	B16C75	2235	1465	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07501	B16C75	2235	1465	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07501	B16C75	2235	1465	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07501	B16C75	2235	1465	"	2,4-D	20.0 U	UG/L
D07501	B16C75	2235	1465	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07501	B16C75	2235	1465	"	2-METHYLPHENOL	30.0 U	UG/L
D07501	B16C75	2235	1465	"	4-METHYLPHENOL	30.0 U	UG/L
D07501	B16C75	2235	1465	"	ALPHA CHLORDANE	1.0 U	UG/L
D07501	B16C75	2235	1465	"	ARSENIC	100.0 U	UG/L
D07501	B16C75	2235	1465	"	BARIUM	606.0 =	UG/L
D07501	B16C75	2235	1465	"	CADMIUM	50.0 U	UG/L
D07501	B16C75	2235	1465	"	CHROMIUM	50.0 U	UG/L
D07501	B16C75	2235	1465	"	ENDRIN	3.0 U	UG/L
D07501	B16C75	2235	1465	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07501	B16C75	2235	1465	"	HEPT. EPOXIDE	0.8 U	UG/L
D07501	B16C75	2235	1465	"	HEPTACHLOR	0.6 U	UG/L
D07501	B16C75	2235	1465	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07501	B16C75	2235	1465	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07501	B16C75	2235	1465	"	HEXACHLOROETHANE	70.0 U	UG/L
D07501	B16C75	2235	1465	"	LEAD	160.0 =	UG/L
D07501	B16C75	2235	1465	"	MERCURY	10.0 U	UG/L
D07501	B16C75	2235	1465	"	METHOXYCHLOR	7.0 U	UG/L
D07501	B16C75	2235	1465	"	NITROBENZENE	30.0 U	UG/L

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Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07501	B16C75	2235	1465	5.0 - 7.0	PENTACHLOROPHENOL	60.0 U	UG/L
D07501	B16C75	2235	1465	"	PYRIDINE	500.0 U	UG/L
D07501	B16C75	2235	1465	"	SELENIUM	100.0 U	UG/L
D07501	B16C75	2235	1465	"	SILVER	50.0 U	UG/L
D07501	B16C75	2235	1465	"	TOXAPHENE	50.0 U	UG/L
D07201	B16C72	2445	1507	0.0 - 2.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07201	B16C72	2445	1507	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07201	B16C72	2445	1507	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07201	B16C72	2445	1507	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07201	B16C72	2445	1507	"	2,4-D	20.0 U	UG/L
D07201	B16C72	2445	1507	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07201	B16C72	2445	1507	"	2-METHYLPHENOL	30.0 U	UG/L
D07201	B16C72	2445	1507	"	4-METHYLPHENOL	30.0 U	UG/L
D07201	B16C72	2445	1507	"	ALPHA CHLORDANE	1.0 U	UG/L
D07201	B16C72	2445	1507	"	ARSENIC	100.0 U	UG/L
D07201	B16C72	2445	1507	"	BARIUM	945.0 =	UG/L
D07201	B16C72	2445	1507	"	CADMIUM	50.0 U	UG/L
D07201	B16C72	2445	1507	"	CHROMIUM	50.0 U	UG/L
D07201	B16C72	2445	1507	"	ENDRIN	3.0 U	UG/L
D07201	B16C72	2445	1507	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07201	B16C72	2445	1507	"	HEPT. EPOXIDE	0.8 U	UG/L
D07201	B16C72	2445	1507	"	HEPTACHLOR	0.6 U	UG/L
D07201	B16C72	2445	1507	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07201	B16C72	2445	1507	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07201	B16C72	2445	1507	"	HEXACHLOROETHANE	70.0 U	UG/L
D07201	B16C72	2445	1507	"	LEAD	50.0 U	UG/L
D07201	B16C72	2445	1507	"	MERCURY	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07201	B16C72	2445	1507	0.0 - 2.0	METHOXYCHLOR	7.0 U	UG/L
D07201	B16C72	2445	1507	"	NITROBENZENE	30.0 U	UG/L
D07201	B16C72	2445	1507	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07201	B16C72	2445	1507	"	PYRIDINE	500.0 U	UG/L
D07201	B16C72	2445	1507	"	SELENIUM	100.0 U	UG/L
D07201	B16C72	2445	1507	"	SILVER	50.0 U	UG/L
D07201	B16C72	2445	1507	"	TOXAPHENE	50.0 U	UG/L
D07202	B16C72	2445	1507	2.0 - 4.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07202	B16C72	2445	1507	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07202	B16C72	2445	1507	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07202	B16C72	2445	1507	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07202	B16C72	2445	1507	"	2,4-D	20.0 U	UG/L
D07202	B16C72	2445	1507	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07202	B16C72	2445	1507	"	2-METHYLPHENOL	30.0 U	UG/L
D07202	B16C72	2445	1507	"	4-METHYLPHENOL	30.0 U	UG/L
D07202	B16C72	2445	1507	"	ALPHA CHLORDANE	1.0 U	UG/L
D07202	B16C72	2445	1507	"	ARSENIC	100.0 U	UG/L
D07202	B16C72	2445	1507	"	BARIUM	742.0 =	UG/L
D07202	B16C72	2445	1507	"	CADMIUM	50.0 U	UG/L
D07202	B16C72	2445	1507	"	CHROMIUM	50.0 U	UG/L
D07202	B16C72	2445	1507	"	ENDRIN	3.0 U	UG/L
D07202	B16C72	2445	1507	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07202	B16C72	2445	1507	"	HEPT. EPOXIDE	0.8 U	UG/L
D07202	B16C72	2445	1507	"	HEPTACHLOR	0.6 U	UG/L
D07202	B16C72	2445	1507	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07202	B16C72	2445	1507	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07202	B16C72	2445	1507	"	HEXACHLOROETHANE	70.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07202	B16C72	2445	1507	2.0 - 4.0	LEAD	215.0 =	UG/L
D07202	B16C72	2445	1507	"	MERCURY	10.0 U	UG/L
D07202	B16C72	2445	1507	"	METHOXYCHLOR	7.0 U	UG/L
D07202	B16C72	2445	1507	"	NITROBENZENE	30.0 U	UG/L
D07202	B16C72	2445	1507	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07202	B16C72	2445	1507	"	PYRIDINE	500.0 U	UG/L
D07202	B16C72	2445	1507	"	SELENIUM	100.0 U	UG/L
D07202	B16C72	2445	1507	"	SILVER	50.0 U	UG/L
D07202	B16C72	2445	1507	"	TOXAPHENE	50.0 U	UG/L
D08101	B16C81	2505	1346	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08101	B16C81	2505	1346	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08101	B16C81	2505	1346	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	2,4,5-T	5.0 U	UG/L
D08101	B16C81	2505	1346	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08101	B16C81	2505	1346	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08101	B16C81	2505	1346	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08101	B16C81	2505	1346	"	2,4-D	10.0 U	UG/L
D08101	B16C81	2505	1346	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	2-BUTANONE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	2-METHYLPHENOL	100.0 U	UG/L
D08101	B16C81	2505	1346	"	4-METHYLPHENOL	100.0 U	UG/L
D08101	B16C81	2505	1346	"	ALPHA CHLORDANE	1.2 U	UG/L
D08101	B16C81	2505	1346	"	ARSENIC	100.0 U	UG/L
D08101	B16C81	2505	1346	"	BARIUM	901.0 =	UG/L
D08101	B16C81	2505	1346	"	BENZENE	50.0 U	UG/L
D08101	B16C81	2505	1346	"	CADMIUM	6.3 =	UG/L
D08101	B16C81	2505	1346	"	CARBON TETRACHLORIDE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08101	B16C81	2505	1346	0.0 - 2.0	CHLOROBENZENE	50.0 U	UG/L
D08101	B16C81	2505	1346	"	CHLOROFORM	50.0 U	UG/L
D08101	B16C81	2505	1346	"	CHROMIUM	10.0 U	UG/L
D08101	B16C81	2505	1346	"	ENDRIN	0.2 U	UG/L
D08101	B16C81	2505	1346	"	GAMMA CHLORDANE	1.2 U	UG/L
D08101	B16C81	2505	1346	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08101	B16C81	2505	1346	"	HEPT. EPOXIDE	0.1 U	UG/L
D08101	B16C81	2505	1346	"	HEPTACHLOR	0.1 U	UG/L
D08101	B16C81	2505	1346	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	HEXACHLOROETHANE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	LEAD	90.0 U	UG/L
D08101	B16C81	2505	1346	"	MERCURY	0.2 U	UG/L
D08101	B16C81	2505	1346	"	METHOXYCHLOR	1.2 U	UG/L
D08101	B16C81	2505	1346	"	NITROBENZENE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08101	B16C81	2505	1346	"	PYRIDINE	100.0 U	UG/L
D08101	B16C81	2505	1346	"	SELENIUM	100.0 U	UG/L
D08101	B16C81	2505	1346	"	SILVER	10.0 U	UG/L
D08101	B16C81	2505	1346	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08101	B16C81	2505	1346	"	TOXAPHENE	2.3 U	UG/L
D08101	B16C81	2505	1346	"	TRICHLOROETHYLENE	50.0 U	UG/L
D08101	B16C81	2505	1346	"	VINYL CHLORIDE	100.0 U	UG/L
D08102	B16C81	2505	1346	14.0 - 16.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08102	B16C81	2505	1346	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08102	B16C81	2505	1346	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	2,4,5-T	5.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08102	B16C81	2505	1346	14.0 - 16.0	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08102	B16C81	2505	1346	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08102	B16C81	2505	1346	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08102	B16C81	2505	1346	"	2,4-D	10.0 U	UG/L
D08102	B16C81	2505	1346	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	2-BUTANONE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	2-METHYLPHENOL	100.0 U	UG/L
D08102	B16C81	2505	1346	"	4-METHYLPHENOL	100.0 U	UG/L
D08102	B16C81	2505	1346	"	ALPHA CHLORDANE	1.1 U	UG/L
D08102	B16C81	2505	1346	"	ARSENIC	100.0 U	UG/L
D08102	B16C81	2505	1346	"	BARIUM	1340 =	UG/L
D08102	B16C81	2505	1346	"	BENZENE	50.0 U	UG/L
D08102	B16C81	2505	1346	"	CADMIUM	5.0 U	UG/L
D08102	B16C81	2505	1346	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08102	B16C81	2505	1346	"	CHLOROBENZENE	50.0 U	UG/L
D08102	B16C81	2505	1346	"	CHLOROFORM	50.0 U	UG/L
D08102	B16C81	2505	1346	"	CHROMIUM	10.0 U	UG/L
D08102	B16C81	2505	1346	"	ENDRIN	0.2 U	UG/L
D08102	B16C81	2505	1346	"	GAMMA CHLORDANE	1.1 U	UG/L
D08102	B16C81	2505	1346	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08102	B16C81	2505	1346	"	HEPT. EPOXIDE	0.1 U	UG/L
D08102	B16C81	2505	1346	"	HEPTACHLOR	0.1 U	UG/L
D08102	B16C81	2505	1346	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	HEXACHLOROETHANE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	LEAD	90.0 U	UG/L
D08102	B16C81	2505	1346	"	MERCURY	0.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08102	B16C81	2505	1346	14.0 - 16.0	METHOXYCHLOR	1.1 U	UG/L
D08102	B16C81	2505	1346	"	NITROBENZENE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08102	B16C81	2505	1346	"	PYRIDINE	100.0 U	UG/L
D08102	B16C81	2505	1346	"	SELENIUM	100.0 U	UG/L
D08102	B16C81	2505	1346	"	SILVER	10.0 U	UG/L
D08102	B16C81	2505	1346	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08102	B16C81	2505	1346	"	TOXAPHENE	2.3 U	UG/L
D08102	B16C81	2505	1346	"	TRICHLOROETHYLENE	50.0 U	UG/L
D08102	B16C81	2505	1346	"	VINYL CHLORIDE	100.0 U	UG/L
D07701	B16C77	2505	1392	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D07701	B16C77	2505	1392	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D07701	B16C77	2505	1392	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	2,4,5-T	5.0 U	UG/L
D07701	B16C77	2505	1392	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D07701	B16C77	2505	1392	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D07701	B16C77	2505	1392	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D07701	B16C77	2505	1392	"	2,4-D	10.0 U	UG/L
D07701	B16C77	2505	1392	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	2-BUTANONE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	2-METHYLPHENOL	100.0 U	UG/L
D07701	B16C77	2505	1392	"	4-METHYLPHENOL	100.0 U	UG/L
D07701	B16C77	2505	1392	"	ALPHA CHLORDANE	1.1 U	UG/L
D07701	B16C77	2505	1392	"	ARSENIC	100.0 U	UG/L
D07701	B16C77	2505	1392	"	BARIUM	443.0 =	UG/L
D07701	B16C77	2505	1392	"	BENZENE	50.0 U	UG/L
D07701	B16C77	2505	1392	"	CADMIUM	5.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07701	B16C77	2505	1392	0.0 - 2.0	CARBON TETRACHLORIDE	50.0 U	UG/L
D07701	B16C77	2505	1392	"	CHLOROBENZENE	50.0 U	UG/L
D07701	B16C77	2505	1392	"	CHLOROFORM	50.0 U	UG/L
D07701	B16C77	2505	1392	"	CHROMIUM	10.0 U	UG/L
D07701	B16C77	2505	1392	"	ENDRIN	0.2 U	UG/L
D07701	B16C77	2505	1392	"	GAMMA CHLORDANE	1.1 U	UG/L
D07701	B16C77	2505	1392	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D07701	B16C77	2505	1392	"	HEPT. EPOXIDE	0.1 U	UG/L
D07701	B16C77	2505	1392	"	HEPTACHLOR	0.1 U	UG/L
D07701	B16C77	2505	1392	"	HEXACHLOROBENZENE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	HEXACHLOROETHANE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	LEAD	90.0 U	UG/L
D07701	B16C77	2505	1392	"	MERCURY	0.2 U	UG/L
D07701	B16C77	2505	1392	"	METHOXYCHLOR	1.1 U	UG/L
D07701	B16C77	2505	1392	"	NITROBENZENE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	PENTACHLOROPHENOL	500.0 U	UG/L
D07701	B16C77	2505	1392	"	PYRIDINE	100.0 U	UG/L
D07701	B16C77	2505	1392	"	SELENIUM	100.0 U	UG/L
D07701	B16C77	2505	1392	"	SILVER	10.0 U	UG/L
D07701	B16C77	2505	1392	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D07701	B16C77	2505	1392	"	TOXAPHENE	2.2 U	UG/L
D07701	B16C77	2505	1392	"	TRICHLOROETHYLENE	50.0 U	UG/L
D07701	B16C77	2505	1392	"	VINYL CHLORIDE	100.0 U	UG/L
D07702	B16C77	2505	1392	6.0 - 8.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D07702	B16C77	2505	1392	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D07702	B16C77	2505	1392	"	1,4-DICHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07702	B16C77	2505	1392	6.0 - 8.0	2,4,5-T	5.0 U	UG/L
D07702	B16C77	2505	1392	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D07702	B16C77	2505	1392	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D07702	B16C77	2505	1392	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D07702	B16C77	2505	1392	"	2,4-D	10.0 U	UG/L
D07702	B16C77	2505	1392	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D07702	B16C77	2505	1392	"	2-BUTANONE	100.0 U	UG/L
D07702	B16C77	2505	1392	"	2-METHYLPHENOL	100.0 U	UG/L
D07702	B16C77	2505	1392	"	4-METHYLPHENOL	100.0 U	UG/L
D07702	B16C77	2505	1392	"	ALPHA CHLORDANE	1.1 U	UG/L
D07702	B16C77	2505	1392	"	ARSENIC	100.0 U	UG/L
D07702	B16C77	2505	1392	"	BARIUM	1120 =	UG/L
D07702	B16C77	2505	1392	"	BENZENE	50.0 U	UG/L
D07702	B16C77	2505	1392	"	CADMIUM	5.0 U	UG/L
D07702	B16C77	2505	1392	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D07702	B16C77	2505	1392	"	CHLOROBENZENE	50.0 U	UG/L
D07702	B16C77	2505	1392	"	CHLOROFORM	50.0 U	UG/L
D07702	B16C77	2505	1392	"	CHROMIUM	10.0 U	UG/L
D07702	B16C77	2505	1392	"	ENDRIN	0.2 U	UG/L
D07702	B16C77	2505	1392	"	GAMMA CHLORDANE	1.1 U	UG/L
D07702	B16C77	2505	1392	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D07702	B16C77	2505	1392	"	HEPT. EPOXIDE	0.1 U	UG/L
D07702	B16C77	2505	1392	"	HEPTACHLOR	0.1 U	UG/L
D07702	B16C77	2505	1392	"	HEXACHLOROBENZENE	100.0 U	UG/L
D07702	B16C77	2505	1392	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D07702	B16C77	2505	1392	"	HEXACHLOROETHANE	100.0 U	UG/L
D07702	B16C77	2505	1392	"	LEAD	90.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07702	B16C77	2505	1392	6.0 - 8.0	MERCURY	0.2 U	UG/L
D07702	B16C77	2505	1392	"	METHOXYCHLOR	1.1 U	UG/L
D07702	B16C77	2505	1392	"	NITROBENZENE	100.0 U	UG/L
D07702	B16C77	2505	1392	"	PENTACHLOROPHENOL	500.0 U	UG/L
D07702	B16C77	2505	1392	"	PYRIDINE	100.0 U	UG/L
D07702	B16C77	2505	1392	"	SELENIUM	100.0 U	UG/L
D07702	B16C77	2505	1392	"	SILVER	10.0 U	UG/L
D07702	B16C77	2505	1392	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D07702	B16C77	2505	1392	"	TOXAPHENE	2.2 U	UG/L
D07702	B16C77	2505	1392	"	TRICHLOROETHYLENE	50.0 U	UG/L
D07702	B16C77	2505	1392	"	VINYL CHLORIDE	100.0 U	UG/L
D07301	B16C73	2615	1818	6.0 - 8.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07301	B16C73	2615	1818	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07301	B16C73	2615	1818	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07301	B16C73	2615	1818	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07301	B16C73	2615	1818	"	2,4-D	20.0 U	UG/L
D07301	B16C73	2615	1818	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07301	B16C73	2615	1818	"	2-METHYLPHENOL	30.0 U	UG/L
D07301	B16C73	2615	1818	"	4-METHYLPHENOL	30.0 U	UG/L
D07301	B16C73	2615	1818	"	ALPHA CHLORDANE	1.0 U	UG/L
D07301	B16C73	2615	1818	"	ARSENIC	100.0 U	UG/L
D07301	B16C73	2615	1818	"	BARIUM	500.0 U	UG/L
D07301	B16C73	2615	1818	"	CADMIUM	50.0 U	UG/L
D07301	B16C73	2615	1818	"	CHROMIUM	50.0 U	UG/L
D07301	B16C73	2615	1818	"	ENDRIN	3.0 U	UG/L
D07301	B16C73	2615	1818	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07301	B16C73	2615	1818	"	HEPT. EPOXIDE	0.8 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07301	B16C73	2615	1818	6.0 - 8.0	HEPTACHLOR	0.6 U	UG/L
D07301	B16C73	2615	1818	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07301	B16C73	2615	1818	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07301	B16C73	2615	1818	"	HEXACHLOROETHANE	70.0 U	UG/L
D07301	B16C73	2615	1818	"	LEAD	50.0 U	UG/L
D07301	B16C73	2615	1818	"	MERCURY	10.0 U	UG/L
D07301	B16C73	2615	1818	"	METHOXYCHLOR	7.0 U	UG/L
D07301	B16C73	2615	1818	"	NITROBENZENE	30.0 U	UG/L
D07301	B16C73	2615	1818	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07301	B16C73	2615	1818	"	PYRIDINE	500.0 U	UG/L
D07301	B16C73	2615	1818	"	SELENIUM	100.0 U	UG/L
D07301	B16C73	2615	1818	"	SILVER	50.0 U	UG/L
D07301	B16C73	2615	1818	"	TOXAPHENE	50.0 U	UG/L
D07302	B16C73	2615	1818	8.0 - 10.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07302	B16C73	2615	1818	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07302	B16C73	2615	1818	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07302	B16C73	2615	1818	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07302	B16C73	2615	1818	"	2,4-D	20.0 U	UG/L
D07302	B16C73	2615	1818	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07302	B16C73	2615	1818	"	2-METHYLPHENOL	30.0 U	UG/L
D07302	B16C73	2615	1818	"	4-METHYLPHENOL	30.0 U	UG/L
D07302	B16C73	2615	1818	"	ALPHA CHLORDANE	1.0 U	UG/L
D07302	B16C73	2615	1818	"	ARSENIC	100.0 U	UG/L
D07302	B16C73	2615	1818	"	BARIUM	1040 =	UG/L
D07302	B16C73	2615	1818	"	CADMIUM	50.0 U	UG/L
D07302	B16C73	2615	1818	"	CHROMIUM	50.0 U	UG/L
D07302	B16C73	2615	1818	"	ENDRIN	3.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07302	B16C73	2615	1818	8.0 - 10.0	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07302	B16C73	2615	1818	"	HEPT. EPOXIDE	0.8 U	UG/L
D07302	B16C73	2615	1818	"	HEPTACHLOR	0.6 U	UG/L
D07302	B16C73	2615	1818	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07302	B16C73	2615	1818	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07302	B16C73	2615	1818	"	HEXACHLOROETHANE	70.0 U	UG/L
D07302	B16C73	2615	1818	"	LEAD	82.8 =	UG/L
D07302	B16C73	2615	1818	"	MERCURY	10.0 U	UG/L
D07302	B16C73	2615	1818	"	METHOXYCHLOR	7.0 U	UG/L
D07302	B16C73	2615	1818	"	NITROBENZENE	30.0 U	UG/L
D07302	B16C73	2615	1818	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07302	B16C73	2615	1818	"	PYRIDINE	500.0 U	UG/L
D07302	B16C73	2615	1818	"	SELENIUM	100.0 U	UG/L
D07302	B16C73	2615	1818	"	SILVER	50.0 U	UG/L
D07302	B16C73	2615	1818	"	TOXAPHENE	50.0 U	UG/L
D07401	B16C74	2654	1510	2.0 - 4.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07401	B16C74	2654	1510	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07401	B16C74	2654	1510	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07401	B16C74	2654	1510	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07401	B16C74	2654	1510	"	2,4-D	20.0 U	UG/L
D07401	B16C74	2654	1510	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07401	B16C74	2654	1510	"	2-METHYLPHENOL	30.0 U	UG/L
D07401	B16C74	2654	1510	"	4-METHYLPHENOL	30.0 U	UG/L
D07401	B16C74	2654	1510	"	ALPHA CHLORDANE	1.0 U	UG/L
D07401	B16C74	2654	1510	"	ARSENIC	100.0 U	UG/L
D07401	B16C74	2654	1510	"	BARIUM	500.0 U	UG/L
D07401	B16C74	2654	1510	"	CADMIUM	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07401	B16C74	2654	1510	2.0 - 4.0	CHROMIUM	50.0 U	UG/L
D07401	B16C74	2654	1510	"	ENDRIN	3.0 U	UG/L
D07401	B16C74	2654	1510	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07401	B16C74	2654	1510	"	HEPT. EPOXIDE	0.8 U	UG/L
D07401	B16C74	2654	1510	"	HEPTACHLOR	0.6 U	UG/L
D07401	B16C74	2654	1510	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07401	B16C74	2654	1510	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07401	B16C74	2654	1510	"	HEXACHLOROETHANE	70.0 U	UG/L
D07401	B16C74	2654	1510	"	LEAD	754.0 =	UG/L
D07401	B16C74	2654	1510	"	MERCURY	10.0 U	UG/L
D07401	B16C74	2654	1510	"	METHOXYCHLOR	7.0 U	UG/L
D07401	B16C74	2654	1510	"	NITROBENZENE	30.0 U	UG/L
D07401	B16C74	2654	1510	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07401	B16C74	2654	1510	"	PYRIDINE	500.0 U	UG/L
D07401	B16C74	2654	1510	"	SELENIUM	100.0 U	UG/L
D07401	B16C74	2654	1510	"	SILVER	50.0 U	UG/L
D07401	B16C74	2654	1510	"	TOXAPHENE	50.0 U	UG/L
D07402	B16C74	2654	1510	7.0 - 9.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07402	B16C74	2654	1510	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07402	B16C74	2654	1510	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07402	B16C74	2654	1510	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07402	B16C74	2654	1510	"	2,4-D	20.0 U	UG/L
D07402	B16C74	2654	1510	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07402	B16C74	2654	1510	"	2-METHYLPHENOL	30.0 U	UG/L
D07402	B16C74	2654	1510	"	4-METHYLPHENOL	30.0 U	UG/L
D07402	B16C74	2654	1510	"	ALPHA CHLORDANE	1.0 U	UG/L
D07402	B16C74	2654	1510	"	ARSENIC	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07402	B16C74	2654	1510	7.0 - 9.0	BARIUM	500.0 U	UG/L
D07402	B16C74	2654	1510	"	CADMIUM	50.0 U	UG/L
D07402	B16C74	2654	1510	"	CHROMIUM	50.0 U	UG/L
D07402	B16C74	2654	1510	"	ENDRIN	3.0 U	UG/L
D07402	B16C74	2654	1510	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07402	B16C74	2654	1510	"	HEPT. EPOXIDE	0.8 U	UG/L
D07402	B16C74	2654	1510	"	HEPTACHLOR	0.6 U	UG/L
D07402	B16C74	2654	1510	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07402	B16C74	2654	1510	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07402	B16C74	2654	1510	"	HEXACHLOROETHANE	70.0 U	UG/L
D07402	B16C74	2654	1510	"	LEAD	50.0 U	UG/L
D07402	B16C74	2654	1510	"	MERCURY	10.0 U	UG/L
D07402	B16C74	2654	1510	"	METHOXYCHLOR	7.0 U	UG/L
D07402	B16C74	2654	1510	"	NITROBENZENE	30.0 U	UG/L
D07402	B16C74	2654	1510	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07402	B16C74	2654	1510	"	PYRIDINE	500.0 U	UG/L
D07402	B16C74	2654	1510	"	SELENIUM	100.0 U	UG/L
D07402	B16C74	2654	1510	"	SILVER	50.0 U	UG/L
D07402	B16C74	2654	1510	"	TOXAPHENE	50.0 U	UG/L
D08401	B16C84	2698	1462	0.0 - 2.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D08401	B16C84	2698	1462	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D08401	B16C84	2698	1462	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D08401	B16C84	2698	1462	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D08401	B16C84	2698	1462	"	2,4-D	20.0 U	UG/L
D08401	B16C84	2698	1462	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D08401	B16C84	2698	1462	"	2-METHYLPHENOL	30.0 U	UG/L
D08401	B16C84	2698	1462	"	4-METHYLPHENOL	30.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08401	B16C84	2698	1462	0.0 - 2.0	ALPHA CHLORDANE	1.0 U	UG/L
D08401	B16C84	2698	1462	"	ARSENIC	100.0 U	UG/L
D08401	B16C84	2698	1462	"	BARIUM	1240 =	UG/L
D08401	B16C84	2698	1462	"	CADMIUM	50.0 U	UG/L
D08401	B16C84	2698	1462	"	CHROMIUM	50.0 U	UG/L
D08401	B16C84	2698	1462	"	ENDRIN	3.0 U	UG/L
D08401	B16C84	2698	1462	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D08401	B16C84	2698	1462	"	HEPT. EPOXIDE	0.8 U	UG/L
D08401	B16C84	2698	1462	"	HEPTACHLOR	0.6 U	UG/L
D08401	B16C84	2698	1462	"	HEXACHLOROBENZENE	20.0 U	UG/L
D08401	B16C84	2698	1462	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D08401	B16C84	2698	1462	"	HEXACHLOROETHANE	70.0 U	UG/L
D08401	B16C84	2698	1462	"	LEAD	50.0 U	UG/L
D08401	B16C84	2698	1462	"	MERCURY	10.0 U	UG/L
D08401	B16C84	2698	1462	"	METHOXYCHLOR	7.0 U	UG/L
D08401	B16C84	2698	1462	"	NITROBENZENE	30.0 U	UG/L
D08401	B16C84	2698	1462	"	PENTACHLOROPHENOL	60.0 U	UG/L
D08401	B16C84	2698	1462	"	PYRIDINE	500.0 U	UG/L
D08401	B16C84	2698	1462	"	SELENIUM	100.0 U	UG/L
D08401	B16C84	2698	1462	"	SILVER	50.0 U	UG/L
D08401	B16C84	2698	1462	"	TOXAPHENE	50.0 U	UG/L
D08402	B16C84	2698	1462	4.0 - 6.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D08402	B16C84	2698	1462	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D08402	B16C84	2698	1462	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D08402	B16C84	2698	1462	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D08402	B16C84	2698	1462	"	2,4-D	20.0 U	UG/L
D08402	B16C84	2698	1462	"	2,4-DINITROTOLUENE	20.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08402	B16C84	2698	1462	4.0 - 6.0	2-METHYLPHENOL	30.0 U	UG/L
D08402	B16C84	2698	1462	"	4-METHYLPHENOL	30.0 U	UG/L
D08402	B16C84	2698	1462	"	ALPHA CHLORDANE	1.0 U	UG/L
D08402	B16C84	2698	1462	"	ARSENIC	100.0 U	UG/L
D08402	B16C84	2698	1462	"	BARIUM	500.0 U	UG/L
D08402	B16C84	2698	1462	"	CADMIUM	130.0 =	UG/L
D08402	B16C84	2698	1462	"	CHROMIUM	50.0 U	UG/L
D08402	B16C84	2698	1462	"	ENDRIN	3.0 U	UG/L
D08402	B16C84	2698	1462	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D08402	B16C84	2698	1462	"	HEPT. EPOXIDE	0.8 U	UG/L
D08402	B16C84	2698	1462	"	HEPTACHLOR	0.6 U	UG/L
D08402	B16C84	2698	1462	"	HEXACHLOROBENZENE	20.0 U	UG/L
D08402	B16C84	2698	1462	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D08402	B16C84	2698	1462	"	HEXACHLOROETHANE	70.0 U	UG/L
D08402	B16C84	2698	1462	"	LEAD	1260 =	UG/L
D08402	B16C84	2698	1462	"	MERCURY	10.0 U	UG/L
D08402	B16C84	2698	1462	"	METHOXYCHLOR	7.0 U	UG/L
D08402	B16C84	2698	1462	"	NITROBENZENE	30.0 U	UG/L
D08402	B16C84	2698	1462	"	PENTACHLOROPHENOL	60.0 U	UG/L
D08402	B16C84	2698	1462	"	PYRIDINE	500.0 U	UG/L
D08402	B16C84	2698	1462	"	SELENIUM	100.0 U	UG/L
D08402	B16C84	2698	1462	"	SILVER	50.0 U	UG/L
D08402	B16C84	2698	1462	"	TOXAPHENE	50.0 U	UG/L
D07101	B16C71	2749	1791	0.0 - 2.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07101	B16C71	2749	1791	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07101	B16C71	2749	1791	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07101	B16C71	2749	1791	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07101	B16C71	2749	1791	0.0 - 2.0	2,4-D	20.0 U	UG/L
D07101	B16C71	2749	1791	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07101	B16C71	2749	1791	"	2-METHYLPHENOL	30.0 U	UG/L
D07101	B16C71	2749	1791	"	4-METHYLPHENOL	30.0 U	UG/L
D07101	B16C71	2749	1791	"	ALPHA CHLORDANE	1.0 U	UG/L
D07101	B16C71	2749	1791	"	ARSENIC	100.0 U	UG/L
D07101	B16C71	2749	1791	"	BARIUM	890.0 =	UG/L
D07101	B16C71	2749	1791	"	CADMIUM	50.0 U	UG/L
D07101	B16C71	2749	1791	"	CHROMIUM	50.0 U	UG/L
D07101	B16C71	2749	1791	"	ENDRIN	3.0 U	UG/L
D07101	B16C71	2749	1791	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07101	B16C71	2749	1791	"	HEPT. EPOXIDE	0.8 U	UG/L
D07101	B16C71	2749	1791	"	HEPTACHLOR	0.6 U	UG/L
D07101	B16C71	2749	1791	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07101	B16C71	2749	1791	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07101	B16C71	2749	1791	"	HEXACHLOROETHANE	70.0 U	UG/L
D07101	B16C71	2749	1791	"	LEAD	59.6 =	UG/L
D07101	B16C71	2749	1791	"	MERCURY	10.0 U	UG/L
D07101	B16C71	2749	1791	"	METHOXYCHLOR	7.0 U	UG/L
D07101	B16C71	2749	1791	"	NITROBENZENE	30.0 U	UG/L
D07101	B16C71	2749	1791	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07101	B16C71	2749	1791	"	PYRIDINE	500.0 U	UG/L
D07101	B16C71	2749	1791	"	SELENIUM	100.0 U	UG/L
D07101	B16C71	2749	1791	"	SILVER	50.0 U	UG/L
D07101	B16C71	2749	1791	"	TOXAPHENE	50.0 U	UG/L
D07102	B16C71	2749	1791	2.0 - 5.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07102	B16C71	2749	1791	"	2,4,5-TP (SILVEX)	2.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07102	B16C71	2749	1791	2.0 - 5.0	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07102	B16C71	2749	1791	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07102	B16C71	2749	1791	"	2,4-D	20.0 U	UG/L
D07102	B16C71	2749	1791	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07102	B16C71	2749	1791	"	2-METHYLPHENOL	30.0 U	UG/L
D07102	B16C71	2749	1791	"	4-METHYLPHENOL	30.0 U	UG/L
D07102	B16C71	2749	1791	"	ALPHA CHLORDANE	1.0 U	UG/L
D07102	B16C71	2749	1791	"	ARSENIC	100.0 U	UG/L
D07102	B16C71	2749	1791	"	BARIUM	1330 =	UG/L
D07102	B16C71	2749	1791	"	CADMIUM	50.0 U	UG/L
D07102	B16C71	2749	1791	"	CHROMIUM	50.0 U	UG/L
D07102	B16C71	2749	1791	"	ENDRIN	3.0 U	UG/L
D07102	B16C71	2749	1791	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07102	B16C71	2749	1791	"	HEPT. EPOXIDE	0.8 U	UG/L
D07102	B16C71	2749	1791	"	HEPTACHLOR	0.6 U	UG/L
D07102	B16C71	2749	1791	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07102	B16C71	2749	1791	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07102	B16C71	2749	1791	"	HEXACHLOROETHANE	70.0 U	UG/L
D07102	B16C71	2749	1791	"	LEAD	81.8 =	UG/L
D07102	B16C71	2749	1791	"	MERCURY	10.0 U	UG/L
D07102	B16C71	2749	1791	"	METHOXYCHLOR	7.0 U	UG/L
D07102	B16C71	2749	1791	"	NITROBENZENE	30.0 U	UG/L
D07102	B16C71	2749	1791	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07102	B16C71	2749	1791	"	PYRIDINE	500.0 U	UG/L
D07102	B16C71	2749	1791	"	SELENIUM	100.0 U	UG/L
D07102	B16C71	2749	1791	"	SILVER	50.0 U	UG/L
D07102	B16C71	2749	1791	"	TOXAPHENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07801	B16C78	2860	1280	7.0 - 8.5	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07801	B16C78	2860	1280	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07801	B16C78	2860	1280	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07801	B16C78	2860	1280	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07801	B16C78	2860	1280	"	2,4-D	20.0 U	UG/L
D07801	B16C78	2860	1280	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07801	B16C78	2860	1280	"	2-METHYLPHENOL	30.0 U	UG/L
D07801	B16C78	2860	1280	"	4-METHYLPHENOL	30.0 U	UG/L
D07801	B16C78	2860	1280	"	ALPHA CHLORDANE	1.0 U	UG/L
D07801	B16C78	2860	1280	"	ARSENIC	100.0 U	UG/L
D07801	B16C78	2860	1280	"	BARIUM	838.0 =	UG/L
D07801	B16C78	2860	1280	"	CADMIUM	50.0 U	UG/L
D07801	B16C78	2860	1280	"	CHROMIUM	50.0 U	UG/L
D07801	B16C78	2860	1280	"	ENDRIN	3.0 U	UG/L
D07801	B16C78	2860	1280	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07801	B16C78	2860	1280	"	HEPT. EPOXIDE	0.8 U	UG/L
D07801	B16C78	2860	1280	"	HEPTACHLOR	0.6 U	UG/L
D07801	B16C78	2860	1280	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07801	B16C78	2860	1280	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07801	B16C78	2860	1280	"	HEXACHLOROETHANE	70.0 U	UG/L
D07801	B16C78	2860	1280	"	LEAD	247.0 =	UG/L
D07801	B16C78	2860	1280	"	MERCURY	10.0 U	UG/L
D07801	B16C78	2860	1280	"	METHOXYCHLOR	7.0 U	UG/L
D07801	B16C78	2860	1280	"	NITROBENZENE	30.0 U	UG/L
D07801	B16C78	2860	1280	"	PENTACHLOROPHENOL	60.0 U	UG/L
D07801	B16C78	2860	1280	"	PYRIDINE	500.0 U	UG/L
D07801	B16C78	2860	1280	"	SELENIUM	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07801	B16C78	2860	1280	7.0 - 8.5	SILVER	50.0 U	UG/L
D07801	B16C78	2860	1280	"	TOXAPHENE	50.0 U	UG/L
D07802	B16C78	2860	1280	11.0 - 12.0	1,4-DICHLOROBENZENE	50.0 U	UG/L
D07802	B16C78	2860	1280	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
D07802	B16C78	2860	1280	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
D07802	B16C78	2860	1280	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
D07802	B16C78	2860	1280	"	2,4-D	20.0 U	UG/L
D07802	B16C78	2860	1280	"	2,4-DINITROTOLUENE	20.0 U	UG/L
D07802	B16C78	2860	1280	"	2-METHYLPHENOL	30.0 U	UG/L
D07802	B16C78	2860	1280	"	4-METHYLPHENOL	30.0 U	UG/L
D07802	B16C78	2860	1280	"	ALPHA CHLORDANE	1.0 U	UG/L
D07802	B16C78	2860	1280	"	ARSENIC	100.0 U	UG/L
D07802	B16C78	2860	1280	"	BARIUM	804.0 =	UG/L
D07802	B16C78	2860	1280	"	CADMIUM	50.0 U	UG/L
D07802	B16C78	2860	1280	"	CHROMIUM	50.0 U	UG/L
D07802	B16C78	2860	1280	"	ENDRIN	3.0 U	UG/L
D07802	B16C78	2860	1280	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
D07802	B16C78	2860	1280	"	HEPT. EPOXIDE	0.8 U	UG/L
D07802	B16C78	2860	1280	"	HEPTACHLOR	0.6 U	UG/L
D07802	B16C78	2860	1280	"	HEXACHLOROBENZENE	20.0 U	UG/L
D07802	B16C78	2860	1280	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
D07802	B16C78	2860	1280	"	HEXACHLOROETHANE	70.0 U	UG/L
D07802	B16C78	2860	1280	"	LEAD	1410 =	UG/L
D07802	B16C78	2860	1280	"	MERCURY	10.0 U	UG/L
D07802	B16C78	2860	1280	"	METHOXYCHLOR	7.0 U	UG/L
D07802	B16C78	2860	1280	"	NITROBENZENE	30.0 U	UG/L
D07802	B16C78	2860	1280	"	PENTACHLOROPHENOL	60.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07802	B16C78	2860	1280	11.0 - 12.0	PYRIDINE	500.0 U	UG/L
D07802	B16C78	2860	1280	"	SELENIUM	100.0 U	UG/L
D07802	B16C78	2860	1280	"	SILVER	50.0 U	UG/L
D07802	B16C78	2860	1280	"	TOXAPHENE	50.0 U	UG/L
D07601	B16C76	2980	1400	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D07601	B16C76	2980	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D07601	B16C76	2980	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	2,4,5-T	5.0 U	UG/L
D07601	B16C76	2980	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D07601	B16C76	2980	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D07601	B16C76	2980	1400	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D07601	B16C76	2980	1400	"	2,4-D	10.0 U	UG/L
D07601	B16C76	2980	1400	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	2-BUTANONE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	2-METHYLPHENOL	100.0 U	UG/L
D07601	B16C76	2980	1400	"	4-METHYLPHENOL	100.0 U	UG/L
D07601	B16C76	2980	1400	"	ALPHA CHLORDANE	1.0 U	UG/L
D07601	B16C76	2980	1400	"	ARSENIC	100.0 U	UG/L
D07601	B16C76	2980	1400	"	BARIUM	1130 =	UG/L
D07601	B16C76	2980	1400	"	BENZENE	50.0 U	UG/L
D07601	B16C76	2980	1400	"	CADMIUM	5.0 U	UG/L
D07601	B16C76	2980	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D07601	B16C76	2980	1400	"	CHLOROBENZENE	50.0 U	UG/L
D07601	B16C76	2980	1400	"	CHLOROFORM	50.0 U	UG/L
D07601	B16C76	2980	1400	"	CHROMIUM	10.0 U	UG/L
D07601	B16C76	2980	1400	"	ENDRIN	0.2 U	UG/L
D07601	B16C76	2980	1400	"	GAMMA CHLORDANE	1.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07601	B16C76	2980	1400	0.0 - 2.0	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D07601	B16C76	2980	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
D07601	B16C76	2980	1400	"	HEPTACHLOR	0.1 U	UG/L
D07601	B16C76	2980	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	LEAD	90.0 U	UG/L
D07601	B16C76	2980	1400	"	MERCURY	0.2 U	UG/L
D07601	B16C76	2980	1400	"	METHOXYCHLOR	1.0 U	UG/L
D07601	B16C76	2980	1400	"	NITROBENZENE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	PENTACHLOROPHENOL	500.0 U	UG/L
D07601	B16C76	2980	1400	"	PYRIDINE	100.0 U	UG/L
D07601	B16C76	2980	1400	"	SELENIUM	100.0 U	UG/L
D07601	B16C76	2980	1400	"	SILVER	10.0 U	UG/L
D07601	B16C76	2980	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D07601	B16C76	2980	1400	"	TOXAPHENE	2.0 U	UG/L
D07601	B16C76	2980	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
D07601	B16C76	2980	1400	"	VINYL CHLORIDE	100.0 U	UG/L
D07602	B16C76	2980	1400	6.0 - 8.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D07602	B16C76	2980	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D07602	B16C76	2980	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	2,4,5-T	5.0 U	UG/L
D07602	B16C76	2980	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D07602	B16C76	2980	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D07602	B16C76	2980	1400	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D07602	B16C76	2980	1400	"	2,4-D	10.0 U	UG/L
D07602	B16C76	2980	1400	"	2,4-DINITROTOLUENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07602	B16C76	2980	1400	6.0 - 8.0	2,4-DINITROTOLUENE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	2-BUTANONE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	2-METHYLPHENOL	100.0 U	UG/L
D07602	B16C76	2980	1400	"	4-METHYLPHENOL	100.0 U	UG/L
D07602	B16C76	2980	1400	"	ALPHA CHLORDANE	1.1 U	UG/L
D07602	B16C76	2980	1400	"	ARSENIC	100.0 U	UG/L
D07602	B16C76	2980	1400	"	BARIUM	268.0 =	UG/L
D07602	B16C76	2980	1400	"	BENZENE	50.0 U	UG/L
D07602	B16C76	2980	1400	"	CADMIUM	9.7 =	UG/L
D07602	B16C76	2980	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D07602	B16C76	2980	1400	"	CHLOROBENZENE	50.0 U	UG/L
D07602	B16C76	2980	1400	"	CHLOROFORM	50.0 U	UG/L
D07602	B16C76	2980	1400	"	CHROMIUM	10.0 U	UG/L
D07602	B16C76	2980	1400	"	ENDRIN	0.2 U	UG/L
D07602	B16C76	2980	1400	"	GAMMA CHLORDANE	1.1 U	UG/L
D07602	B16C76	2980	1400	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D07602	B16C76	2980	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
D07602	B16C76	2980	1400	"	HEPTACHLOR	0.1 U	UG/L
D07602	B16C76	2980	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	LEAD	1320 =	UG/L
D07602	B16C76	2980	1400	"	MERCURY	0.2 U	UG/L
D07602	B16C76	2980	1400	"	METHOXYCHLOR	1.1 U	UG/L
D07602	B16C76	2980	1400	"	NITROBENZENE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	PENTACHLOROPHENOL	500.0 U	UG/L
D07602	B16C76	2980	1400	"	PYRIDINE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D07602	B16C76	2980	1400	6.0 - 8.0	PYRIDINE	100.0 U	UG/L
D07602	B16C76	2980	1400	"	SELENIUM	100.0 U	UG/L
D07602	B16C76	2980	1400	"	SILVER	10.0 U	UG/L
D07602	B16C76	2980	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D07602	B16C76	2980	1400	"	TOXAPHENE	2.2 U	UG/L
D07602	B16C76	2980	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
D07602	B16C76	2980	1400	"	VINYL CHLORIDE	100.0 U	UG/L
D08001	B16C80	3067	1323	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08001	B16C80	3067	1323	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08001	B16C80	3067	1323	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	2,4,5-T	5.0 U	UG/L
D08001	B16C80	3067	1323	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08001	B16C80	3067	1323	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08001	B16C80	3067	1323	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08001	B16C80	3067	1323	"	2,4-D	10.0 U	UG/L
D08001	B16C80	3067	1323	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	2-BUTANONE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	2-METHYLPHENOL	100.0 U	UG/L
D08001	B16C80	3067	1323	"	4-METHYLPHENOL	100.0 U	UG/L
D08001	B16C80	3067	1323	"	ALPHA CHLORDANE	1.0 U	UG/L
D08001	B16C80	3067	1323	"	ARSENIC	100.0 U	UG/L
D08001	B16C80	3067	1323	"	BARIUM	1010 =	UG/L
D08001	B16C80	3067	1323	"	BENZENE	50.0 U	UG/L
D08001	B16C80	3067	1323	"	CADMIUM	5.0 U	UG/L
D08001	B16C80	3067	1323	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08001	B16C80	3067	1323	"	CHLOROBENZENE	50.0 U	UG/L
D08001	B16C80	3067	1323	"	CHLOROFORM	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08001	B16C80	3067	1323	0.0 - 2.0	CHROMIUM	10.0 U	UG/L
D08001	B16C80	3067	1323	"	ENDRIN	0.2 U	UG/L
D08001	B16C80	3067	1323	"	GAMMA CHLORDANE	1.0 U	UG/L
D08001	B16C80	3067	1323	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08001	B16C80	3067	1323	"	HEPT. EPOXIDE	0.1 U	UG/L
D08001	B16C80	3067	1323	"	HEPTACHLOR	0.1 U	UG/L
D08001	B16C80	3067	1323	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	HEXACHLOROETHANE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	LEAD	90.0 U	UG/L
D08001	B16C80	3067	1323	"	MERCURY	0.2 U	UG/L
D08001	B16C80	3067	1323	"	METHOXYCHLOR	1.0 U	UG/L
D08001	B16C80	3067	1323	"	NITROBENZENE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08001	B16C80	3067	1323	"	PYRIDINE	100.0 U	UG/L
D08001	B16C80	3067	1323	"	SELENIUM	100.0 U	UG/L
D08001	B16C80	3067	1323	"	SILVER	10.0 U	UG/L
D08001	B16C80	3067	1323	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08001	B16C80	3067	1323	"	TOXAPHENE	2.1 U	UG/L
D08001	B16C80	3067	1323	"	TRICHLOROETHYLENE	50.0 U	UG/L
D08001	B16C80	3067	1323	"	VINYL CHLORIDE	100.0 U	UG/L
D08002	B16C80	3067	1323	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08002	B16C80	3067	1323	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08002	B16C80	3067	1323	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08002	B16C80	3067	1323	"	2,4,5-T	5.0 U	UG/L
D08002	B16C80	3067	1323	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08002	B16C80	3067	1323	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08002	B16C80	3067	1323	4.0 - 6.0	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08002	B16C80	3067	1323	"	2,4-D	10.0 U	UG/L
D08002	B16C80	3067	1323	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08002	B16C80	3067	1323	"	2-BUTANONE	100.0 U	UG/L
D08002	B16C80	3067	1323	"	2-METHYLPHENOL	100.0 U	UG/L
D08002	B16C80	3067	1323	"	4-METHYLPHENOL	100.0 U	UG/L
D08002	B16C80	3067	1323	"	ALPHA CHLORDANE	1.1 U	UG/L
D08002	B16C80	3067	1323	"	ARSENIC	100.0 U	UG/L
D08002	B16C80	3067	1323	"	BARIUM	398.0 =	UG/L
D08002	B16C80	3067	1323	"	BENZENE	50.0 U	UG/L
D08002	B16C80	3067	1323	"	CADMIUM	19.2 =	UG/L
D08002	B16C80	3067	1323	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08002	B16C80	3067	1323	"	CHLOROBENZENE	50.0 U	UG/L
D08002	B16C80	3067	1323	"	CHLOROFORM	50.0 U	UG/L
D08002	B16C80	3067	1323	"	CHROMIUM	10.0 U	UG/L
D08002	B16C80	3067	1323	"	ENDRIN	0.2 U	UG/L
D08002	B16C80	3067	1323	"	GAMMA CHLORDANE	1.1 U	UG/L
D08002	B16C80	3067	1323	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08002	B16C80	3067	1323	"	HEPT. EPOXIDE	0.1 U	UG/L
D08002	B16C80	3067	1323	"	HEPTACHLOR	0.1 U	UG/L
D08002	B16C80	3067	1323	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08002	B16C80	3067	1323	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08002	B16C80	3067	1323	"	HEXACHLOROETHANE	100.0 U	UG/L
D08002	B16C80	3067	1323	"	LEAD	790.0 =	UG/L
D08002	B16C80	3067	1323	"	MERCURY	0.2 U	UG/L
D08002	B16C80	3067	1323	"	METHOXYCHLOR	1.1 U	UG/L
D08002	B16C80	3067	1323	"	NITROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08002	B16C80	3067	1323	4.0 - 6.0	PENTACHLOROPHENOL	500.0 U	UG/L
D08002	B16C80	3067	1323	"	PYRIDINE	100.0 U	UG/L
D08002	B16C80	3067	1323	"	SELENIUM	100.0 U	UG/L
D08002	B16C80	3067	1323	"	SILVER	10.0 U	UG/L
D08002	B16C80	3067	1323	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08002	B16C80	3067	1323	"	TOXAPHENE	2.1 U	UG/L
D08002	B16C80	3067	1323	"	TRICHLOROETHYLENE	50.0 U	UG/L
D08002	B16C80	3067	1323	"	VINYL CHLORIDE	100.0 U	UG/L
D08201	B16C82	3402	1410	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08201	B16C82	3402	1410	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08201	B16C82	3402	1410	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	2,4,5-T	5.0 U	UG/L
D08201	B16C82	3402	1410	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
D08201	B16C82	3402	1410	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08201	B16C82	3402	1410	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08201	B16C82	3402	1410	"	2,4-D	10.0 U	UG/L
D08201	B16C82	3402	1410	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	2-BUTANONE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	2-METHYLPHENOL	100.0 U	UG/L
D08201	B16C82	3402	1410	"	4-METHYLPHENOL	100.0 U	UG/L
D08201	B16C82	3402	1410	"	ALPHA CHLORDANE	1.1 U	UG/L
D08201	B16C82	3402	1410	"	ARSENIC	100.0 U	UG/L
D08201	B16C82	3402	1410	"	BARIUM	200.0 U	UG/L
D08201	B16C82	3402	1410	"	BENZENE	50.0 U	UG/L
D08201	B16C82	3402	1410	"	CADMIUM	5.0 U	UG/L
D08201	B16C82	3402	1410	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08201	B16C82	3402	1410	"	CHLOROBENZENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08201	B16C82	3402	1410	0.0 - 2.0	CHLOROFORM	50.0 U	UG/L
D08201	B16C82	3402	1410	"	CHROMIUM	10.0 U	UG/L
D08201	B16C82	3402	1410	"	ENDRIN	0.2 U	UG/L
D08201	B16C82	3402	1410	"	GAMMA CHLORDANE	1.1 U	UG/L
D08201	B16C82	3402	1410	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08201	B16C82	3402	1410	"	HEPT. EPOXIDE	0.1 U	UG/L
D08201	B16C82	3402	1410	"	HEPTACHLOR	0.1 U	UG/L
D08201	B16C82	3402	1410	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	HEXACHLOROETHANE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	LEAD	90.0 U	UG/L
D08201	B16C82	3402	1410	"	MERCURY	0.2 U	UG/L
D08201	B16C82	3402	1410	"	METHOXYCHLOR	1.1 U	UG/L
D08201	B16C82	3402	1410	"	NITROBENZENE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08201	B16C82	3402	1410	"	PYRIDINE	100.0 U	UG/L
D08201	B16C82	3402	1410	"	SELENIUM	100.0 U	UG/L
D08201	B16C82	3402	1410	"	SILVER	10.0 U	UG/L
D08201	B16C82	3402	1410	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08201	B16C82	3402	1410	"	TOXAPHENE	2.1 U	UG/L
D08201	B16C82	3402	1410	"	TRICHLOROETHYLENE	50.0 U	UG/L
D08201	B16C82	3402	1410	"	VINYL CHLORIDE	100.0 U	UG/L
D08202	B16C82	3402	1410	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
D08202	B16C82	3402	1410	"	1,2-DICHLOROETHANE	50.0 U	UG/L
D08202	B16C82	3402	1410	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	2,4,5-T	5.0 U	UG/L
D08202	B16C82	3402	1410	"	2,4,5-TP (SILVEX)	5.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08202	B16C82	3402	1410	2.0 - 4.0	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08202	B16C82	3402	1410	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
D08202	B16C82	3402	1410	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
D08202	B16C82	3402	1410	"	2,4-D	10.0 U	UG/L
D08202	B16C82	3402	1410	"	2,4-DINITROTOLUENE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	2-BUTANONE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	2-METHYLPHENOL	100.0 U	UG/L
D08202	B16C82	3402	1410	"	4-METHYLPHENOL	100.0 U	UG/L
D08202	B16C82	3402	1410	"	ALPHA CHLORDANE	1.0 U	UG/L
D08202	B16C82	3402	1410	"	ARSENIC	100.0 U	UG/L
D08202	B16C82	3402	1410	"	BARIUM	200.0 U	UG/L
D08202	B16C82	3402	1410	"	BENZENE	50.0 U	UG/L
D08202	B16C82	3402	1410	"	CADMIUM	67.4 =	UG/L
D08202	B16C82	3402	1410	"	CARBON TETRACHLORIDE	50.0 U	UG/L
D08202	B16C82	3402	1410	"	CHLOROBENZENE	50.0 U	UG/L
D08202	B16C82	3402	1410	"	CHLOROFORM	50.0 U	UG/L
D08202	B16C82	3402	1410	"	CHROMIUM	10.0 U	UG/L
D08202	B16C82	3402	1410	"	ENDRIN	0.2 U	UG/L
D08202	B16C82	3402	1410	"	GAMMA CHLORDANE	1.0 U	UG/L
D08202	B16C82	3402	1410	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
D08202	B16C82	3402	1410	"	HEPT. EPOXIDE	0.1 U	UG/L
D08202	B16C82	3402	1410	"	HEPTACHLOR	0.1 U	UG/L
D08202	B16C82	3402	1410	"	HEXACHLOROBENZENE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	HEXACHLOROETHANE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	LEAD	9010 =	UG/L
D08202	B16C82	3402	1410	"	MERCURY	0.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
D08202	B16C82	3402	1410	2.0 - 4.0	METHOXYCHLOR	1.0 U	UG/L
D08202	B16C82	3402	1410	"	NITROBENZENE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	PENTACHLOROPHENOL	500.0 U	UG/L
D08202	B16C82	3402	1410	"	PYRIDINE	100.0 U	UG/L
D08202	B16C82	3402	1410	"	SELENIUM	100.0 U	UG/L
D08202	B16C82	3402	1410	"	SILVER	10.0 U	UG/L
D08202	B16C82	3402	1410	"	TETRACHLOROETHYLENE	50.0 U	UG/L
D08202	B16C82	3402	1410	"	TOXAPHENE	2.1 U	UG/L
D08202	B16C82	3402	1410	"	TRICHLOROETHYLENE	50.0 U	UG/L
D08202	B16C82	3402	1410	"	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0001	B16C73	2615	1818	6.0 - 8.0	1,1-DICHLOROETHYLENE	100.0 U	UG/L
OT0001	B16C73	2615	1818	"	1,2-DICHLOROETHANE	40.0 U	UG/L
OT0001	B16C73	2615	1818	"	1,4-DICHLOROBENZENE	50.0 U	UG/L
OT0001	B16C73	2615	1818	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
OT0001	B16C73	2615	1818	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
OT0001	B16C73	2615	1818	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
OT0001	B16C73	2615	1818	"	2,4-D	20.0 U	UG/L
OT0001	B16C73	2615	1818	"	2,4-DINITROTOLUENE	20.0 U	UG/L
OT0001	B16C73	2615	1818	"	2-BUTANONE	200.0 U	UG/L
OT0001	B16C73	2615	1818	"	2-METHYLPHENOL	30.0 U	UG/L
OT0001	B16C73	2615	1818	"	4-METHYLPHENOL	30.0 U	UG/L
OT0001	B16C73	2615	1818	"	ALPHA CHLORDANE	1.0 U	UG/L
OT0001	B16C73	2615	1818	"	Arsenic, TCLP Leachate	100.0 U	UG/L
OT0001	B16C73	2615	1818	"	BENZENE	60.0 U	UG/L
OT0001	B16C73	2615	1818	"	Barium, TCLP Leachate	500.0 U	UG/L
OT0001	B16C73	2615	1818	"	CARBON TETRACHLORIDE	40.0 U	UG/L
OT0001	B16C73	2615	1818	"	CHLOROBENZENE	40.0 U	UG/L
OT0001	B16C73	2615	1818	"	CHLOROFORM	40.0 U	UG/L
OT0001	B16C73	2615	1818	"	Cadmium, TCLP Leachate	50.0 U	UG/L
OT0001	B16C73	2615	1818	"	Chromium, TCLP Leachate	50.0 U	UG/L
OT0001	B16C73	2615	1818	"	ENDRIN	3.0 U	UG/L
OT0001	B16C73	2615	1818	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
OT0001	B16C73	2615	1818	"	HEPT. EPOXIDE	0.8 U	UG/L
OT0001	B16C73	2615	1818	"	HEPTACHLOR	0.6 U	UG/L
OT0001	B16C73	2615	1818	"	HEXACHLOROBENZENE	20.0 U	UG/L
OT0001	B16C73	2615	1818	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
OT0001	B16C73	2615	1818	"	HEXACHLOROETHANE	70.0 U	UG/L
OT0001	B16C73	2615	1818	"	Lead, TCLP Leachate	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0001	B16C73	2615	1818	6.0 - 8.0	METHOXYCHLOR	7.0 U	UG/L
OT0001	B16C73	2615	1818	"	Mercury, TCLP Leachate	10.0 U	UG/L
OT0001	B16C73	2615	1818	"	NITROBENZENE	30.0 U	UG/L
OT0001	B16C73	2615	1818	"	PENTACHLOROPHENOL	60.0 U	UG/L
OT0001	B16C73	2615	1818	"	PYRIDINE	500.0 U	UG/L
OT0001	B16C73	2615	1818	"	Selenium, TCLP Leachate	100.0 U	UG/L
OT0001	B16C73	2615	1818	"	Silver, TCLP Leachate	50.0 U	UG/L
OT0001	B16C73	2615	1818	"	TETRACHLOROETHYLENE	100.0 U	UG/L
OT0001	B16C73	2615	1818	"	TOXAPHENE	50.0 U	UG/L
OT0001	B16C73	2615	1818	"	TRICHLOROETHYLENE	110.0 =	UG/L
OT0001	B16C73	2615	1818	"	VINYL CHLORIDE	40.0 U	UG/L
OT0002	B16C73	2615	1818	8.0 - 10.0	1,1-DICHLOROETHYLENE	100.0 U	UG/L
OT0002	B16C73	2615	1818	"	1,2-DICHLOROETHANE	40.0 U	UG/L
OT0002	B16C73	2615	1818	"	1,4-DICHLOROBENZENE	50.0 U	UG/L
OT0002	B16C73	2615	1818	"	2,4,5-TP (SILVEX)	2.0 U	UG/L
OT0002	B16C73	2615	1818	"	2,4,5-TRICHLOROPHENOL	40.0 U	UG/L
OT0002	B16C73	2615	1818	"	2,4,6-TRICHLOROPHENOL	30.0 U	UG/L
OT0002	B16C73	2615	1818	"	2,4-D	20.0 U	UG/L
OT0002	B16C73	2615	1818	"	2,4-DINITROTOLUENE	20.0 U	UG/L
OT0002	B16C73	2615	1818	"	2-BUTANONE	200.0 U	UG/L
OT0002	B16C73	2615	1818	"	2-METHYLPHENOL	30.0 U	UG/L
OT0002	B16C73	2615	1818	"	4-METHYLPHENOL	30.0 U	UG/L
OT0002	B16C73	2615	1818	"	ALPHA CHLORDANE	1.0 U	UG/L
OT0002	B16C73	2615	1818	"	Arsenic, TCLP Leachate	100.0 U	UG/L
OT0002	B16C73	2615	1818	"	BENZENE	60.0 U	UG/L
OT0002	B16C73	2615	1818	"	Barium, TCLP Leachate	1050.0 =	UG/L
OT0002	B16C73	2615	1818	"	CARBON TETRACHLORIDE	40.0 U	UG/L
OT0002	B16C73	2615	1818	"	CHLOROBENZENE	40.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0002	B16C73	2615	1818	8.0 - 10.0	CHLOROFORM	40.0 U	UG/L
OT0002	B16C73	2615	1818	"	Cadmium, TCLP Leachate	50.0 U	UG/L
OT0002	B16C73	2615	1818	"	Chromium, TCLP Leachate	50.0 U	UG/L
OT0002	B16C73	2615	1818	"	ENDRIN	3.0 U	UG/L
OT0002	B16C73	2615	1818	"	GAMMA-BHC (LINDANE)	0.5 U	UG/L
OT0002	B16C73	2615	1818	"	HEPT. EPOXIDE	0.8 U	UG/L
OT0002	B16C73	2615	1818	"	HEPTACHLOR	0.6 U	UG/L
OT0002	B16C73	2615	1818	"	HEXACHLOROBENZENE	20.0 U	UG/L
OT0002	B16C73	2615	1818	"	HEXACHLOROBUTADIENE	80.0 U	UG/L
OT0002	B16C73	2615	1818	"	HEXACHLOROETHANE	70.0 U	UG/L
OT0002	B16C73	2615	1818	"	Lead, TCLP Leachate	56.3 =	UG/L
OT0002	B16C73	2615	1818	"	METHOXYCHLOR	7.0 U	UG/L
OT0002	B16C73	2615	1818	"	Mercury, TCLP Leachate	10.0 U	UG/L
OT0002	B16C73	2615	1818	"	NITROBENZENE	30.0 U	UG/L
OT0002	B16C73	2615	1818	"	PENTACHLOROPHENOL	60.0 U	UG/L
OT0002	B16C73	2615	1818	"	PYRIDINE	500.0 U	UG/L
OT0002	B16C73	2615	1818	"	Selenium, TCLP Leachate	100.0 U	UG/L
OT0002	B16C73	2615	1818	"	Silver, TCLP Leachate	50.0 U	UG/L
OT0002	B16C73	2615	1818	"	TETRACHLOROETHYLENE	100.0 U	UG/L
OT0002	B16C73	2615	1818	"	TOXAPHENE	50.0 U	UG/L
OT0002	B16C73	2615	1818	"	TRICHLOROETHYLENE	40.0 U	UG/L
OT0002	B16C73	2615	1818	"	VINYL CHLORIDE	40.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - St. Louis Terminal Association Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
T01002	B16W10S	2061	2178	5.0 - 7.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	1,2-DICHLOROETHANE	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	2,4,5-T	5.0 U	UG/L
T01002	B16W10S	2061	2178	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
T01002	B16W10S	2061	2178	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
T01002	B16W10S	2061	2178	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	2,4-D	10.0 U	UG/L
T01002	B16W10S	2061	2178	"	2,4-DINITROTOLUENE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	2-BUTANONE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	2-METHYLPHENOL	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	4-METHYLPHENOL	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	ALPHA CHLORDANE	1.1 U	UG/L
T01002	B16W10S	2061	2178	"	ARSENIC	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	BARIUM	1210 =	UG/L
T01002	B16W10S	2061	2178	"	BENZENE	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	CADMIUM	5.0 U	UG/L
T01002	B16W10S	2061	2178	"	CARBON TETRACHLORIDE	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	CHLOROBENZENE	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	CHLOROFORM	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	CHROMIUM	10.0 U	UG/L
T01002	B16W10S	2061	2178	"	ENDRIN	0.2 U	UG/L
T01002	B16W10S	2061	2178	"	GAMMA CHLORDANE	1.1 U	UG/L
T01002	B16W10S	2061	2178	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
T01002	B16W10S	2061	2178	"	HEPT. EPOXIDE	0.1 U	UG/L
T01002	B16W10S	2061	2178	"	HEPTACHLOR	0.1 U	UG/L
T01002	B16W10S	2061	2178	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - St. Louis Terminal Association Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
T01002	B16W10S	2061	2178	5.0 - 7.0	HEXACHLOROBENZENE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	HEXACHLOROETHANE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	LEAD	90.0 U	UG/L
T01002	B16W10S	2061	2178	"	MERCURY	0.2 U	UG/L
T01002	B16W10S	2061	2178	"	METHOXYCHLOR	1.1 U	UG/L
T01002	B16W10S	2061	2178	"	NITROBENZENE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	PENTACHLOROPHENOL	500.0 U	UG/L
T01002	B16W10S	2061	2178	"	PYRIDINE	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	SELENIUM	100.0 U	UG/L
T01002	B16W10S	2061	2178	"	SILVER	10.0 U	UG/L
T01002	B16W10S	2061	2178	"	TETRACHLOROETHYLENE	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	TOXAPHENE	2.2 U	UG/L
T01002	B16W10S	2061	2178	"	TRICHLOROETHYLENE	50.0 U	UG/L
T01002	B16W10S	2061	2178	"	VINYL CHLORIDE	100.0 U	UG/L
T01003	B16W10S	2061	2178	13.0 - 15.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
T01003	B16W10S	2061	2178	"	1,2-DICHLOROETHANE	50.0 U	UG/L
T01003	B16W10S	2061	2178	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	2,4,5-T	5.0 U	UG/L
T01003	B16W10S	2061	2178	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
T01003	B16W10S	2061	2178	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
T01003	B16W10S	2061	2178	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	2,4-D	10.0 U	UG/L
T01003	B16W10S	2061	2178	"	2,4-DINITROTOLUENE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	2-BUTANONE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	2-METHYLPHENOL	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	4-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - St. Louis Terminal Association Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
T01003	B16W10S	2061	2178	13.0 - 15.0	4-METHYLPHENOL	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	ALPHA CHLORDANE	1.0 U	UG/L
T01003	B16W10S	2061	2178	"	ARSENIC	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	BARIUM	1690 =	UG/L
T01003	B16W10S	2061	2178	"	BENZENE	50.0 U	UG/L
T01003	B16W10S	2061	2178	"	CADMIUM	5.0 U	UG/L
T01003	B16W10S	2061	2178	"	CARBON TETRACHLORIDE	50.0 U	UG/L
T01003	B16W10S	2061	2178	"	CHLOROBENZENE	50.0 U	UG/L
T01003	B16W10S	2061	2178	"	CHLOROFORM	50.0 U	UG/L
T01003	B16W10S	2061	2178	"	CHROMIUM	10.0 U	UG/L
T01003	B16W10S	2061	2178	"	ENDRIN	0.2 U	UG/L
T01003	B16W10S	2061	2178	"	GAMMA CHLORDANE	1.0 U	UG/L
T01003	B16W10S	2061	2178	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
T01003	B16W10S	2061	2178	"	HEPT. EPOXIDE	0.1 U	UG/L
T01003	B16W10S	2061	2178	"	HEPTACHLOR	0.1 U	UG/L
T01003	B16W10S	2061	2178	"	HEXACHLOROBENZENE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	HEXACHLOROETHANE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	LEAD	90.0 U	UG/L
T01003	B16W10S	2061	2178	"	MERCURY	0.2 U	UG/L
T01003	B16W10S	2061	2178	"	METHOXYCHLOR	1.0 U	UG/L
T01003	B16W10S	2061	2178	"	NITROBENZENE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	PENTACHLOROPHENOL	500.0 U	UG/L
T01003	B16W10S	2061	2178	"	PYRIDINE	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	SELENIUM	100.0 U	UG/L
T01003	B16W10S	2061	2178	"	SILVER	10.0 U	UG/L
T01003	B16W10S	2061	2178	"	TETRACHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - St. Louis Terminal Association Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
T01003	B16W10S	2061	2178	13.0 - 15.0	TOXAPHENE	2.0 U	UG/L
T01003	B16W10S	2061	2178	"	TRICHLOROETHYLENE	50.0 U	UG/L
T01003	B16W10S	2061	2178	"	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Chicago, Burlington & Quincy Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
Q00602	B16W06S	3269	1621	1.5 - 3.5	1,1-DICHLOROETHYLENE	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	1,2-DICHLOROETHANE	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2,4,5-T	5.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2,4-D	10.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2,4-DINITROTOLUENE	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2-BUTANONE	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	2-METHYLPHENOL	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	4-METHYLPHENOL	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	ALPHA CHLORDANE	1.0 U	UG/L
Q00602	B16W06S	3269	1621	"	ARSENIC	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	BARIUM	473.0 =	UG/L
Q00602	B16W06S	3269	1621	"	BENZENE	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	CADMIUM	8.0 =	UG/L
Q00602	B16W06S	3269	1621	"	CARBON TETRACHLORIDE	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	CHLOROBENZENE	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	CHLOROFORM	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	CHROMIUM	10.0 U	UG/L
Q00602	B16W06S	3269	1621	"	ENDRIN	0.2 U	UG/L
Q00602	B16W06S	3269	1621	"	GAMMA CHLORDANE	1.0 U	UG/L
Q00602	B16W06S	3269	1621	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
Q00602	B16W06S	3269	1621	"	HEPT. EPOXIDE	0.1 U	UG/L
Q00602	B16W06S	3269	1621	"	HEPTACHLOR	0.1 U	UG/L
Q00602	B16W06S	3269	1621	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Chicago, Burlington & Quincy Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
Q00602	B16W06S	3269	1621	1.5 - 3.5	HEXACHLOROBUTADIENE	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	HEXACHLOROETHANE	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	LEAD	90.0 U	UG/L
Q00602	B16W06S	3269	1621	"	MERCURY	0.2 U	UG/L
Q00602	B16W06S	3269	1621	"	METHOXYCHLOR	1.0 U	UG/L
Q00602	B16W06S	3269	1621	"	NITROBENZENE	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	PENTACHLOROPHENOL	500.0 U	UG/L
Q00602	B16W06S	3269	1621	"	PYRIDINE	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	SELENIUM	100.0 U	UG/L
Q00602	B16W06S	3269	1621	"	SILVER	10.0 U	UG/L
Q00602	B16W06S	3269	1621	"	TETRACHLOROETHYLENE	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	TOXAPHENE	2.0 U	UG/L
Q00602	B16W06S	3269	1621	"	TRICHLOROETHYLENE	50.0 U	UG/L
Q00602	B16W06S	3269	1621	"	VINYL CHLORIDE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	9.0 - 11.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
Q00603	B16W06S	3269	1621	"	1,2-DICHLOROETHANE	50.0 U	UG/L
Q00603	B16W06S	3269	1621	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2,4,5-T	5.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2,4-D	10.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2,4-DINITROTOLUENE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2-BUTANONE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	2-METHYLPHENOL	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	4-METHYLPHENOL	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	ALPHA CHLORDANE	1.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Chicago, Burlington & Quincy Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
Q00603	B16W06S	3269	1621	9.0 - 11.0	ARSENIC	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	BARIUM	411.0 =	UG/L
Q00603	B16W06S	3269	1621	"	BENZENE	50.0 U	UG/L
Q00603	B16W06S	3269	1621	"	CADMIUM	5.0 U	UG/L
Q00603	B16W06S	3269	1621	"	CARBON TETRACHLORIDE	50.0 U	UG/L
Q00603	B16W06S	3269	1621	"	CHLOROBENZENE	50.0 U	UG/L
Q00603	B16W06S	3269	1621	"	CHLOROFORM	50.0 U	UG/L
Q00603	B16W06S	3269	1621	"	CHROMIUM	10.0 U	UG/L
Q00603	B16W06S	3269	1621	"	ENDRIN	0.2 U	UG/L
Q00603	B16W06S	3269	1621	"	GAMMA CHLORDANE	1.0 U	UG/L
Q00603	B16W06S	3269	1621	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
Q00603	B16W06S	3269	1621	"	HEPT. EPOXIDE	0.1 U	UG/L
Q00603	B16W06S	3269	1621	"	HEPTACHLOR	0.1 U	UG/L
Q00603	B16W06S	3269	1621	"	HEXACHLOROBENZENE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	HEXACHLOROETHANE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	LEAD	90.0 U	UG/L
Q00603	B16W06S	3269	1621	"	MERCURY	0.2 U	UG/L
Q00603	B16W06S	3269	1621	"	METHOXYCHLOR	1.0 U	UG/L
Q00603	B16W06S	3269	1621	"	NITROBENZENE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	PENTACHLOROPHENOL	500.0 U	UG/L
Q00603	B16W06S	3269	1621	"	PYRIDINE	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	SELENIUM	100.0 U	UG/L
Q00603	B16W06S	3269	1621	"	SILVER	10.0 U	UG/L
Q00603	B16W06S	3269	1621	"	TETRACHLOROETHYLENE	50.0 U	UG/L
Q00603	B16W06S	3269	1621	"	TOXAPHENE	2.0 U	UG/L
Q00603	B16W06S	3269	1621	"	TRICHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Chicago, Burlington & Quincy Railroad

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
Q00603	B16W06S	3269	1621	9.0 - 11.0	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - PVO Foods, Inc.

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
F00802	B16W08S	3232	1269	1.5 - 3.5	1,1-DICHLOROETHYLENE	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	1,2-DICHLOROETHANE	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	2,4,5-T	5.0 U	UG/L
F00802	B16W08S	3232	1269	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
F00802	B16W08S	3232	1269	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
F00802	B16W08S	3232	1269	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	2,4-D	10.0 U	UG/L
F00802	B16W08S	3232	1269	"	2,4-DINITROTOLUENE	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	2-BUTANONE	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	2-METHYLPHENOL	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	4-METHYLPHENOL	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	ALPHA CHLORDANE	1.2 U	UG/L
F00802	B16W08S	3232	1269	"	ARSENIC	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	BARIUM	441.0 =	UG/L
F00802	B16W08S	3232	1269	"	BENZENE	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	CADMIUM	12.0 =	UG/L
F00802	B16W08S	3232	1269	"	CARBON TETRACHLORIDE	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	CHLOROBENZENE	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	CHLOROFORM	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	CHROMIUM	10.0 U	UG/L
F00802	B16W08S	3232	1269	"	ENDRIN	0.2 U	UG/L
F00802	B16W08S	3232	1269	"	GAMMA CHLORDANE	1.2 U	UG/L
F00802	B16W08S	3232	1269	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
F00802	B16W08S	3232	1269	"	HEPT. EPOXIDE	0.1 U	UG/L
F00802	B16W08S	3232	1269	"	HEPTACHLOR	0.1 U	UG/L
F00802	B16W08S	3232	1269	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - PVO Foods, Inc.

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
F00802	B16W08S	3232	1269	1.5 - 3.5	HEXACHLOROBUTADIENE	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	HEXACHLOROETHANE	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	LEAD	90.0 U	UG/L
F00802	B16W08S	3232	1269	"	MERCURY	0.2 U	UG/L
F00802	B16W08S	3232	1269	"	METHOXYCHLOR	1.2 U	UG/L
F00802	B16W08S	3232	1269	"	NITROBENZENE	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	PENTACHLOROPHENOL	500.0 U	UG/L
F00802	B16W08S	3232	1269	"	PYRIDINE	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	SELENIUM	100.0 U	UG/L
F00802	B16W08S	3232	1269	"	SILVER	10.0 U	UG/L
F00802	B16W08S	3232	1269	"	TETRACHLOROETHYLENE	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	TOXAPHENE	2.3 U	UG/L
F00802	B16W08S	3232	1269	"	TRICHLOROETHYLENE	50.0 U	UG/L
F00802	B16W08S	3232	1269	"	VINYL CHLORIDE	100.0 U	UG/L
F00803	B16W08S	3232	1269	13.0 - 15.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
F00803	B16W08S	3232	1269	"	1,2-DICHLOROETHANE	50.0 U	UG/L
F00803	B16W08S	3232	1269	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	2,4,5-T	5.0 U	UG/L
F00803	B16W08S	3232	1269	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
F00803	B16W08S	3232	1269	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
F00803	B16W08S	3232	1269	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	2,4-D	10.0 U	UG/L
F00803	B16W08S	3232	1269	"	2,4-DINITROTOLUENE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	2-BUTANONE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	2-METHYLPHENOL	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	4-METHYLPHENOL	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	ALPHA CHLORDANE	1.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - PVO Foods, Inc.

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
F00803	B16W08S	3232	1269	13.0 - 15.0	ARSENIC	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	BARIUM	662.0 =	UG/L
F00803	B16W08S	3232	1269	"	BENZENE	50.0 U	UG/L
F00803	B16W08S	3232	1269	"	CADMIUM	6.0 =	UG/L
F00803	B16W08S	3232	1269	"	CARBON TETRACHLORIDE	50.0 U	UG/L
F00803	B16W08S	3232	1269	"	CHLOROBENZENE	50.0 U	UG/L
F00803	B16W08S	3232	1269	"	CHLOROFORM	50.0 U	UG/L
F00803	B16W08S	3232	1269	"	CHROMIUM	10.0 U	UG/L
F00803	B16W08S	3232	1269	"	ENDRIN	0.2 U	UG/L
F00803	B16W08S	3232	1269	"	GAMMA CHLORDANE	1.1 U	UG/L
F00803	B16W08S	3232	1269	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
F00803	B16W08S	3232	1269	"	HEPT. EPOXIDE	0.1 U	UG/L
F00803	B16W08S	3232	1269	"	HEPTACHLOR	0.1 U	UG/L
F00803	B16W08S	3232	1269	"	HEXACHLOROBENZENE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	HEXACHLOROETHANE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	LEAD	90.0 U	UG/L
F00803	B16W08S	3232	1269	"	MERCURY	0.2 U	UG/L
F00803	B16W08S	3232	1269	"	METHOXYCHLOR	1.1 U	UG/L
F00803	B16W08S	3232	1269	"	NITROBENZENE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	PENTACHLOROPHENOL	500.0 U	UG/L
F00803	B16W08S	3232	1269	"	PYRIDINE	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	SELENIUM	100.0 U	UG/L
F00803	B16W08S	3232	1269	"	SILVER	10.0 U	UG/L
F00803	B16W08S	3232	1269	"	TETRACHLOROETHYLENE	50.0 U	UG/L
F00803	B16W08S	3232	1269	"	TOXAPHENE	2.3 U	UG/L
F00803	B16W08S	3232	1269	"	TRICHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - PVO Foods, Inc.

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
F00803	B16W08S	3232	1269	13.0 - 15.0	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Thomas and Proetz Lumber Company

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
L01202	B16W12S	2203	1266	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	1,2-DICHLOROETHANE	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	2,4,5-T	5.0 U	UG/L
L01202	B16W12S	2203	1266	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
L01202	B16W12S	2203	1266	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
L01202	B16W12S	2203	1266	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	2,4-D	10.0 U	UG/L
L01202	B16W12S	2203	1266	"	2,4-DINITROTOLUENE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	2-BUTANONE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	2-METHYLPHENOL	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	4-METHYLPHENOL	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	ALPHA CHLORDANE	1.1 U	UG/L
L01202	B16W12S	2203	1266	"	ARSENIC	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	BARIUM	1040 =	UG/L
L01202	B16W12S	2203	1266	"	BENZENE	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	CADMIUM	16.7 =	UG/L
L01202	B16W12S	2203	1266	"	CARBON TETRACHLORIDE	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	CHLOROBENZENE	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	CHLOROFORM	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	CHROMIUM	10.0 U	UG/L
L01202	B16W12S	2203	1266	"	ENDRIN	0.2 U	UG/L
L01202	B16W12S	2203	1266	"	GAMMA CHLORDANE	1.1 U	UG/L
L01202	B16W12S	2203	1266	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
L01202	B16W12S	2203	1266	"	HEPT. EPOXIDE	0.1 U	UG/L
L01202	B16W12S	2203	1266	"	HEPTACHLOR	0.1 U	UG/L
L01202	B16W12S	2203	1266	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Thomas and Proetz Lumber Company

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
L01202	B16W12S	2203	1266	2.0 - 4.0	HEXACHLOROBENZENE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	HEXACHLOROETHANE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	LEAD	90.0 U	UG/L
L01202	B16W12S	2203	1266	"	MERCURY	0.2 U	UG/L
L01202	B16W12S	2203	1266	"	METHOXYCHLOR	1.1 U	UG/L
L01202	B16W12S	2203	1266	"	NITROBENZENE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	PENTACHLOROPHENOL	500.0 U	UG/L
L01202	B16W12S	2203	1266	"	PYRIDINE	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	SELENIUM	100.0 U	UG/L
L01202	B16W12S	2203	1266	"	SILVER	10.0 U	UG/L
L01202	B16W12S	2203	1266	"	TETRACHLOROETHYLENE	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	TOXAPHENE	2.1 U	UG/L
L01202	B16W12S	2203	1266	"	TRICHLOROETHYLENE	50.0 U	UG/L
L01202	B16W12S	2203	1266	"	VINYL CHLORIDE	100.0 U	UG/L
L01203	B16W12S	2203	1266	8.0 - 10.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
L01203	B16W12S	2203	1266	"	1,2-DICHLOROETHANE	50.0 U	UG/L
L01203	B16W12S	2203	1266	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	2,4,5-T	5.0 U	UG/L
L01203	B16W12S	2203	1266	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
L01203	B16W12S	2203	1266	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
L01203	B16W12S	2203	1266	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	2,4-D	10.0 U	UG/L
L01203	B16W12S	2203	1266	"	2,4-DINITROTOLUENE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	2-BUTANONE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	2-METHYLPHENOL	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	4-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Thomas and Proetz Lumber Company

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
L01203	B16W12S	2203	1266	8.0 - 10.0	4-METHYLPHENOL	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	ALPHA CHLORDANE	1.1 U	UG/L
L01203	B16W12S	2203	1266	"	ARSENIC	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	BARIUM	1530 =	UG/L
L01203	B16W12S	2203	1266	"	BENZENE	50.0 U	UG/L
L01203	B16W12S	2203	1266	"	CADMIUM	7.5 =	UG/L
L01203	B16W12S	2203	1266	"	CARBON TETRACHLORIDE	50.0 U	UG/L
L01203	B16W12S	2203	1266	"	CHLOROBENZENE	50.0 U	UG/L
L01203	B16W12S	2203	1266	"	CHLOROFORM	50.0 U	UG/L
L01203	B16W12S	2203	1266	"	CHROMIUM	17.2 =	UG/L
L01203	B16W12S	2203	1266	"	ENDRIN	0.2 U	UG/L
L01203	B16W12S	2203	1266	"	GAMMA CHLORDANE	1.1 U	UG/L
L01203	B16W12S	2203	1266	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
L01203	B16W12S	2203	1266	"	HEPT. EPOXIDE	0.1 U	UG/L
L01203	B16W12S	2203	1266	"	HEPTACHLOR	0.1 U	UG/L
L01203	B16W12S	2203	1266	"	HEXACHLOROBENZENE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	HEXACHLOROETHANE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	LEAD	242.0 =	UG/L
L01203	B16W12S	2203	1266	"	MERCURY	0.2 U	UG/L
L01203	B16W12S	2203	1266	"	METHOXYCHLOR	1.1 U	UG/L
L01203	B16W12S	2203	1266	"	NITROBENZENE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	PENTACHLOROPHENOL	500.0 U	UG/L
L01203	B16W12S	2203	1266	"	PYRIDINE	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	SELENIUM	100.0 U	UG/L
L01203	B16W12S	2203	1266	"	SILVER	10.0 U	UG/L
L01203	B16W12S	2203	1266	"	TETRACHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Thomas and Proetz Lumber Company

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
L01203	B16W12S	2203	1266	8.0 - 10.0	TOXAPHENE	2.1 U	UG/L
L01203	B16W12S	2203	1266	"	TRICHLOROETHYLENE	50.0 U	UG/L
L01203	B16W12S	2203	1266	"	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 1, 2, and 5

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
P08501	B16C85	1682	1625	8.0 - 10.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
P08501	B16C85	1682	1625	"	1,2-DICHLOROETHANE	50.0 U	UG/L
P08501	B16C85	1682	1625	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	2,4,5-T	5.0 U	UG/L
P08501	B16C85	1682	1625	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
P08501	B16C85	1682	1625	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
P08501	B16C85	1682	1625	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
P08501	B16C85	1682	1625	"	2,4-D	10.0 U	UG/L
P08501	B16C85	1682	1625	"	2,4-DINITROTOLUENE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	2-BUTANONE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	2-METHYLPHENOL	100.0 U	UG/L
P08501	B16C85	1682	1625	"	4-METHYLPHENOL	100.0 U	UG/L
P08501	B16C85	1682	1625	"	ALPHA CHLORDANE	1.2 U	UG/L
P08501	B16C85	1682	1625	"	ARSENIC	100.0 U	UG/L
P08501	B16C85	1682	1625	"	BARIUM	400.0 =	UG/L
P08501	B16C85	1682	1625	"	BENZENE	50.0 U	UG/L
P08501	B16C85	1682	1625	"	CADMIUM	5.9 =	UG/L
P08501	B16C85	1682	1625	"	CARBON TETRACHLORIDE	50.0 U	UG/L
P08501	B16C85	1682	1625	"	CHLOROBENZENE	50.0 U	UG/L
P08501	B16C85	1682	1625	"	CHLOROFORM	50.0 U	UG/L
P08501	B16C85	1682	1625	"	CHROMIUM	10.0 U	UG/L
P08501	B16C85	1682	1625	"	ENDRIN	0.2 U	UG/L
P08501	B16C85	1682	1625	"	GAMMA CHLORDANE	1.2 U	UG/L
P08501	B16C85	1682	1625	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
P08501	B16C85	1682	1625	"	HEPT. EPOXIDE	0.1 U	UG/L
P08501	B16C85	1682	1625	"	HEPTACHLOR	0.1 U	UG/L
P08501	B16C85	1682	1625	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 1, 2, and 5

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
P08501	B16C85	1682	1625	8.0 - 10.0	HEXACHLOROBENZENE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	HEXACHLOROETHANE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	LEAD	90.0 U	UG/L
P08501	B16C85	1682	1625	"	MERCURY	0.2 U	UG/L
P08501	B16C85	1682	1625	"	METHOXYCHLOR	1.2 U	UG/L
P08501	B16C85	1682	1625	"	NITROBENZENE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	PENTACHLOROPHENOL	500.0 U	UG/L
P08501	B16C85	1682	1625	"	PYRIDINE	100.0 U	UG/L
P08501	B16C85	1682	1625	"	SELENIUM	100.0 U	UG/L
P08501	B16C85	1682	1625	"	SILVER	88.9 =	UG/L
P08501	B16C85	1682	1625	"	TETRACHLOROETHYLENE	50.0 U	UG/L
P08501	B16C85	1682	1625	"	TOXAPHENE	2.3 U	UG/L
P08501	B16C85	1682	1625	"	TRICHLOROETHYLENE	50.0 U	UG/L
P08501	B16C85	1682	1625	"	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E01102	B16W11S	2290	1599	7.0 - 9.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	2,4,5-T	5.0 U	UG/L
E01102	B16W11S	2290	1599	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E01102	B16W11S	2290	1599	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E01102	B16W11S	2290	1599	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	2,4-D	10.0 U	UG/L
E01102	B16W11S	2290	1599	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	2-BUTANONE	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	2-METHYLPHENOL	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	4-METHYLPHENOL	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	ALPHA CHLORDANE	1.0 U	UG/L
E01102	B16W11S	2290	1599	"	ARSENIC	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	BARIUM	1150 =	UG/L
E01102	B16W11S	2290	1599	"	BENZENE	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	CADMIUM	11.0 =	UG/L
E01102	B16W11S	2290	1599	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	CHLOROBENZENE	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	CHLOROFORM	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	CHROMIUM	10.0 U	UG/L
E01102	B16W11S	2290	1599	"	ENDRIN	0.2 U	UG/L
E01102	B16W11S	2290	1599	"	GAMMA CHLORDANE	1.0 U	UG/L
E01102	B16W11S	2290	1599	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E01102	B16W11S	2290	1599	"	HEPT. EPOXIDE	0.1 U	UG/L
E01102	B16W11S	2290	1599	"	HEPTACHLOR	0.1 U	UG/L
E01102	B16W11S	2290	1599	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E01102	B16W11S	2290	1599	7.0 - 9.0	HEXACHLOROBUTADIENE	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	HEXACHLOROETHANE	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	LEAD	90.0 U	UG/L
E01102	B16W11S	2290	1599	"	MERCURY	0.2 U	UG/L
E01102	B16W11S	2290	1599	"	METHOXYCHLOR	1.0 U	UG/L
E01102	B16W11S	2290	1599	"	NITROBENZENE	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	PENTACHLOROPHENOL	500.0 U	UG/L
E01102	B16W11S	2290	1599	"	PYRIDINE	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	SELENIUM	100.0 U	UG/L
E01102	B16W11S	2290	1599	"	SILVER	10.0 U	UG/L
E01102	B16W11S	2290	1599	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	TOXAPHENE	2.0 U	UG/L
E01102	B16W11S	2290	1599	"	TRICHLOROETHYLENE	50.0 U	UG/L
E01102	B16W11S	2290	1599	"	VINYL CHLORIDE	100.0 U	UG/L
E01103	B16W11S	2290	1599	11.0 - 13.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	2,4,5-T	5.0 U	UG/L
E01103	B16W11S	2290	1599	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E01103	B16W11S	2290	1599	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E01103	B16W11S	2290	1599	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	2,4-D	10.0 U	UG/L
E01103	B16W11S	2290	1599	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	2-BUTANONE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	2-METHYLPHENOL	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	4-METHYLPHENOL	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	ALPHA CHLORDANE	1.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E01103	B16W11S	2290	1599	11.0 - 13.0	ALPHA CHLORDANE	1.1 U	UG/L
E01103	B16W11S	2290	1599	"	ARSENIC	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	BARIUM	1170 =	UG/L
E01103	B16W11S	2290	1599	"	BENZENE	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	CADMIUM	5.0 U	UG/L
E01103	B16W11S	2290	1599	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	CHLOROBENZENE	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	CHLOROFORM	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	CHROMIUM	10.0 U	UG/L
E01103	B16W11S	2290	1599	"	ENDRIN	0.2 U	UG/L
E01103	B16W11S	2290	1599	"	GAMMA CHLORDANE	1.0 U	UG/L
E01103	B16W11S	2290	1599	"	GAMMA CHLORDANE	1.1 U	UG/L
E01103	B16W11S	2290	1599	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E01103	B16W11S	2290	1599	"	HEPT. EPOXIDE	0.1 U	UG/L
E01103	B16W11S	2290	1599	"	HEPTACHLOR	0.1 U	UG/L
E01103	B16W11S	2290	1599	"	HEXACHLOROBENZENE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	HEXACHLOROETHANE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	LEAD	95.7 =	UG/L
E01103	B16W11S	2290	1599	"	MERCURY	0.2 U	UG/L
E01103	B16W11S	2290	1599	"	METHOXYCHLOR	1.0 U	UG/L
E01103	B16W11S	2290	1599	"	METHOXYCHLOR	1.1 U	UG/L
E01103	B16W11S	2290	1599	"	NITROBENZENE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	PENTACHLOROPHENOL	500.0 U	UG/L
E01103	B16W11S	2290	1599	"	PYRIDINE	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	SELENIUM	100.0 U	UG/L
E01103	B16W11S	2290	1599	"	SILVER	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E01103	B16W11S	2290	1599	11.0 - 13.0	TETRACHLOROETHYLENE	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	TOXAPHENE	2.1 U	UG/L
E01103	B16W11S	2290	1599	"	TRICHLOROETHYLENE	50.0 U	UG/L
E01103	B16W11S	2290	1599	"	VINYL CHLORIDE	100.0 U	UG/L
E00902	B16W09S	2386	1827	6.0 - 8.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	2,4,5-T	5.0 U	UG/L
E00902	B16W09S	2386	1827	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E00902	B16W09S	2386	1827	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E00902	B16W09S	2386	1827	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	2,4-D	10.0 U	UG/L
E00902	B16W09S	2386	1827	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	2-BUTANONE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	2-METHYLPHENOL	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	4-METHYLPHENOL	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	ALPHA CHLORDANE	5.6 U	UG/L
E00902	B16W09S	2386	1827	"	ARSENIC	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	BARIUM	779.0 =	UG/L
E00902	B16W09S	2386	1827	"	BENZENE	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	CADMIUM	5.0 U	UG/L
E00902	B16W09S	2386	1827	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	CHLOROBENZENE	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	CHLOROFORM	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	CHROMIUM	10.0 U	UG/L
E00902	B16W09S	2386	1827	"	ENDRIN	1.1 U	UG/L
E00902	B16W09S	2386	1827	"	GAMMA CHLORDANE	5.6 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00902	B16W09S	2386	1827	6.0 - 8.0	GAMMA-BHC (LINDANE)	0.6 U	UG/L
E00902	B16W09S	2386	1827	"	HEPT. EPOXIDE	0.6 U	UG/L
E00902	B16W09S	2386	1827	"	HEPTACHLOR	0.6 U	UG/L
E00902	B16W09S	2386	1827	"	HEXACHLOROBENZENE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	HEXACHLOROETHANE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	LEAD	90.0 U	UG/L
E00902	B16W09S	2386	1827	"	MERCURY	0.2 U	UG/L
E00902	B16W09S	2386	1827	"	METHOXYCHLOR	5.6 U	UG/L
E00902	B16W09S	2386	1827	"	NITROBENZENE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	PENTACHLOROPHENOL	500.0 U	UG/L
E00902	B16W09S	2386	1827	"	PYRIDINE	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	SELENIUM	100.0 U	UG/L
E00902	B16W09S	2386	1827	"	SILVER	10.0 U	UG/L
E00902	B16W09S	2386	1827	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	TOXAPHENE	11.0 U	UG/L
E00902	B16W09S	2386	1827	"	TRICHLOROETHYLENE	50.0 U	UG/L
E00902	B16W09S	2386	1827	"	VINYL CHLORIDE	100.0 U	UG/L
E00903	B16W09S	2386	1827	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	2,4,5-T	5.0 U	UG/L
E00903	B16W09S	2386	1827	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E00903	B16W09S	2386	1827	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E00903	B16W09S	2386	1827	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	2,4-D	10.0 U	UG/L
E00903	B16W09S	2386	1827	"	2,4-DINITROTOLUENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00903	B16W09S	2386	1827	10.0 - 12.0	2-BUTANONE	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	2-METHYLPHENOL	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	4-METHYLPHENOL	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	ALPHA CHLORDANE	1.1 U	UG/L
E00903	B16W09S	2386	1827	"	ARSENIC	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	BARIUM	1330 =	UG/L
E00903	B16W09S	2386	1827	"	BENZENE	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	CADMIUM	5.0 U	UG/L
E00903	B16W09S	2386	1827	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	CHLOROBENZENE	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	CHLOROFORM	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	CHROMIUM	10.0 U	UG/L
E00903	B16W09S	2386	1827	"	ENDRIN	0.2 U	UG/L
E00903	B16W09S	2386	1827	"	GAMMA CHLORDANE	1.1 U	UG/L
E00903	B16W09S	2386	1827	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E00903	B16W09S	2386	1827	"	HEPT. EPOXIDE	0.1 U	UG/L
E00903	B16W09S	2386	1827	"	HEPTACHLOR	0.1 U	UG/L
E00903	B16W09S	2386	1827	"	HEXACHLOROBENZENE	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	HEXACHLOROETHANE	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	LEAD	90.0 U	UG/L
E00903	B16W09S	2386	1827	"	MERCURY	0.2 U	UG/L
E00903	B16W09S	2386	1827	"	METHOXYCHLOR	1.1 U	UG/L
E00903	B16W09S	2386	1827	"	NITROBENZENE	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	PENTACHLOROPHENOL	500.0 U	UG/L
E00903	B16W09S	2386	1827	"	PYRIDINE	100.0 U	UG/L
E00903	B16W09S	2386	1827	"	SELENIUM	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00903	B16W09S	2386	1827	10.0 - 12.0	SILVER	10.0 U	UG/L
E00903	B16W09S	2386	1827	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	TOXAPHENE	2.2 U	UG/L
E00903	B16W09S	2386	1827	"	TRICHLOROETHYLENE	50.0 U	UG/L
E00903	B16W09S	2386	1827	"	VINYL CHLORIDE	100.0 U	UG/L
E01302	B16W13S	2400	1830	6.0 - 8.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	2,4,5-T	5.0 U	UG/L
E01302	B16W13S	2400	1830	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E01302	B16W13S	2400	1830	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E01302	B16W13S	2400	1830	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	2,4-D	10.0 U	UG/L
E01302	B16W13S	2400	1830	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	2-BUTANONE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	2-METHYLPHENOL	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	4-METHYLPHENOL	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	ALPHA CHLORDANE	1.1 U	UG/L
E01302	B16W13S	2400	1830	"	ARSENIC	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	BARIUM	910.0 =	UG/L
E01302	B16W13S	2400	1830	"	BENZENE	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	CADMIUM	53.3 =	UG/L
E01302	B16W13S	2400	1830	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	CHLOROBENZENE	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	CHLOROFORM	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	CHROMIUM	18.4 =	UG/L
E01302	B16W13S	2400	1830	"	ENDRIN	0.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E01302	B16W13S	2400	1830	6.0 - 8.0	GAMMA CHLORDANE	1.1 U	UG/L
E01302	B16W13S	2400	1830	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E01302	B16W13S	2400	1830	"	HEPT. EPOXIDE	0.1 U	UG/L
E01302	B16W13S	2400	1830	"	HEPTACHLOR	0.1 U	UG/L
E01302	B16W13S	2400	1830	"	HEXACHLOROBENZENE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	HEXACHLOROETHANE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	LEAD	2200 =	UG/L
E01302	B16W13S	2400	1830	"	MERCURY	0.2 U	UG/L
E01302	B16W13S	2400	1830	"	METHOXYCHLOR	1.1 U	UG/L
E01302	B16W13S	2400	1830	"	NITROBENZENE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	PENTACHLOROPHENOL	500.0 U	UG/L
E01302	B16W13S	2400	1830	"	PYRIDINE	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	SELENIUM	100.0 U	UG/L
E01302	B16W13S	2400	1830	"	SILVER	10.0 U	UG/L
E01302	B16W13S	2400	1830	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	TOXAPHENE	2.2 U	UG/L
E01302	B16W13S	2400	1830	"	TRICHLOROETHYLENE	50.0 U	UG/L
E01302	B16W13S	2400	1830	"	VINYL CHLORIDE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	6.0 - 8.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	1,2-DICHLOROETHANE	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2,4,5-T	5.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2,4-D	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0003	B16W13S	2400	1830	6.0 - 8.0	2,4-DINITROTOLUENE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2,4-DINITROTOLUENE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2-BUTANONE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	2-METHYLPHENOL	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	4-METHYLPHENOL	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	ALPHA CHLORDANE	1.2 U	UG/L
OT0003	B16W13S	2400	1830	"	ARSENIC	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	BARIUM	1040 =	UG/L
OT0003	B16W13S	2400	1830	"	BENZENE	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	CADMIUM	59.2 =	UG/L
OT0003	B16W13S	2400	1830	"	CARBON TETRACHLORIDE	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	CHLOROBENZENE	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	CHLOROFORM	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	CHROMIUM	18.4 =	UG/L
OT0003	B16W13S	2400	1830	"	ENDRIN	0.2 U	UG/L
OT0003	B16W13S	2400	1830	"	GAMMA CHLORDANE	1.2 U	UG/L
OT0003	B16W13S	2400	1830	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
OT0003	B16W13S	2400	1830	"	HEPT. EPOXIDE	0.1 U	UG/L
OT0003	B16W13S	2400	1830	"	HEPTACHLOR	0.1 U	UG/L
OT0003	B16W13S	2400	1830	"	HEXACHLOROBENZENE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	HEXACHLOROETHANE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	LEAD	2300 =	UG/L
OT0003	B16W13S	2400	1830	"	MERCURY	0.2 U	UG/L
OT0003	B16W13S	2400	1830	"	METHOXYCHLOR	1.2 U	UG/L
OT0003	B16W13S	2400	1830	"	NITROBENZENE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	PENTACHLOROPHENOL	500.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0003	B16W13S	2400	1830	6.0 - 8.0	PENTACHLOROPHENOL	500.0 U	UG/L
OT0003	B16W13S	2400	1830	"	PYRIDINE	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	SELENIUM	100.0 U	UG/L
OT0003	B16W13S	2400	1830	"	SILVER	10.0 U	UG/L
OT0003	B16W13S	2400	1830	"	TETRACHLOROETHYLENE	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	TOXAPHENE	2.3 U	UG/L
OT0003	B16W13S	2400	1830	"	TRICHLOROETHYLENE	50.0 U	UG/L
OT0003	B16W13S	2400	1830	"	VINYL CHLORIDE	100.0 U	UG/L
E01303	B16W13S	2400	1830	14.0 - 16.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E01303	B16W13S	2400	1830	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E01303	B16W13S	2400	1830	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	2,4,5-T	5.0 U	UG/L
E01303	B16W13S	2400	1830	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E01303	B16W13S	2400	1830	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E01303	B16W13S	2400	1830	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	2,4-D	10.0 U	UG/L
E01303	B16W13S	2400	1830	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	2-BUTANONE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	2-METHYLPHENOL	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	4-METHYLPHENOL	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	ALPHA CHLORDANE	1.1 U	UG/L
E01303	B16W13S	2400	1830	"	ARSENIC	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	BARIUM	1500 =	UG/L
E01303	B16W13S	2400	1830	"	BENZENE	50.0 U	UG/L
E01303	B16W13S	2400	1830	"	CADMIUM	15.0 =	UG/L
E01303	B16W13S	2400	1830	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E01303	B16W13S	2400	1830	"	CHLOROBENZENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E01303	B16W13S	2400	1830	14.0 - 16.0	CHLOROFORM	50.0 U	UG/L
E01303	B16W13S	2400	1830	"	CHROMIUM	10.0 U	UG/L
E01303	B16W13S	2400	1830	"	ENDRIN	0.2 U	UG/L
E01303	B16W13S	2400	1830	"	GAMMA CHLORDANE	1.1 U	UG/L
E01303	B16W13S	2400	1830	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E01303	B16W13S	2400	1830	"	HEPT. EPOXIDE	0.1 U	UG/L
E01303	B16W13S	2400	1830	"	HEPTACHLOR	0.1 U	UG/L
E01303	B16W13S	2400	1830	"	HEXACHLOROBENZENE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	HEXACHLOROETHANE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	LEAD	1870 =	UG/L
E01303	B16W13S	2400	1830	"	MERCURY	0.2 U	UG/L
E01303	B16W13S	2400	1830	"	METHOXYCHLOR	1.1 U	UG/L
E01303	B16W13S	2400	1830	"	NITROBENZENE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	PENTACHLOROPHENOL	500.0 U	UG/L
E01303	B16W13S	2400	1830	"	PYRIDINE	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	SELENIUM	100.0 U	UG/L
E01303	B16W13S	2400	1830	"	SILVER	10.0 U	UG/L
E01303	B16W13S	2400	1830	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E01303	B16W13S	2400	1830	"	TOXAPHENE	2.3 U	UG/L
E01303	B16W13S	2400	1830	"	TRICHLOROETHYLENE	50.0 U	UG/L
E01303	B16W13S	2400	1830	"	VINYL CHLORIDE	100.0 U	UG/L
E00505	B16W05S	2901	1596	0.5 - 2.5	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	2,4,5-T	5.0 U	UG/L
E00505	B16W05S	2901	1596	"	2,4,5-TP (SILVEX)	5.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00505	B16W05S	2901	1596	0.5 - 2.5	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E00505	B16W05S	2901	1596	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	2,4-D	10.0 U	UG/L
E00505	B16W05S	2901	1596	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	2-BUTANONE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	2-METHYLPHENOL	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	4-METHYLPHENOL	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	ALPHA CHLORDANE	1.1 U	UG/L
E00505	B16W05S	2901	1596	"	ARSENIC	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	BARIUM	527.0 =	UG/L
E00505	B16W05S	2901	1596	"	BENZENE	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	CADMIUM	6.0 =	UG/L
E00505	B16W05S	2901	1596	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	CHLOROBENZENE	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	CHLOROFORM	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	CHROMIUM	10.0 U	UG/L
E00505	B16W05S	2901	1596	"	ENDRIN	0.2 U	UG/L
E00505	B16W05S	2901	1596	"	GAMMA CHLORDANE	1.1 U	UG/L
E00505	B16W05S	2901	1596	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E00505	B16W05S	2901	1596	"	HEPT. EPOXIDE	0.1 U	UG/L
E00505	B16W05S	2901	1596	"	HEPTACHLOR	0.1 U	UG/L
E00505	B16W05S	2901	1596	"	HEXACHLOROBENZENE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	HEXACHLOROETHANE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	LEAD	90.0 U	UG/L
E00505	B16W05S	2901	1596	"	MERCURY	0.2 U	UG/L
E00505	B16W05S	2901	1596	"	METHOXYCHLOR	1.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00505	B16W05S	2901	1596	0.5 - 2.5	NITROBENZENE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	PENTACHLOROPHENOL	500.0 U	UG/L
E00505	B16W05S	2901	1596	"	PYRIDINE	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	SELENIUM	100.0 U	UG/L
E00505	B16W05S	2901	1596	"	SILVER	10.0 U	UG/L
E00505	B16W05S	2901	1596	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	TOXAPHENE	2.3 U	UG/L
E00505	B16W05S	2901	1596	"	TRICHLOROETHYLENE	50.0 U	UG/L
E00505	B16W05S	2901	1596	"	VINYL CHLORIDE	100.0 U	UG/L
E00506	B16W05S	2901	1596	14.0 - 16.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E00506	B16W05S	2901	1596	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E00506	B16W05S	2901	1596	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	2,4,5-T	5.0 U	UG/L
E00506	B16W05S	2901	1596	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E00506	B16W05S	2901	1596	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E00506	B16W05S	2901	1596	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	2,4-D	10.0 U	UG/L
E00506	B16W05S	2901	1596	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	2-BUTANONE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	2-METHYLPHENOL	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	4-METHYLPHENOL	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	ALPHA CHLORDANE	1.1 U	UG/L
E00506	B16W05S	2901	1596	"	ARSENIC	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	BARIUM	1840 =	UG/L
E00506	B16W05S	2901	1596	"	BENZENE	50.0 U	UG/L
E00506	B16W05S	2901	1596	"	CADMIUM	5.0 U	UG/L
E00506	B16W05S	2901	1596	"	CARBON TETRACHLORIDE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00506	B16W05S	2901	1596	14.0 - 16.0	CHLOROBENZENE	50.0 U	UG/L
E00506	B16W05S	2901	1596	"	CHLOROFORM	50.0 U	UG/L
E00506	B16W05S	2901	1596	"	CHROMIUM	10.0 U	UG/L
E00506	B16W05S	2901	1596	"	ENDRIN	0.2 U	UG/L
E00506	B16W05S	2901	1596	"	GAMMA CHLORDANE	1.1 U	UG/L
E00506	B16W05S	2901	1596	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E00506	B16W05S	2901	1596	"	HEPT. EPOXIDE	0.1 U	UG/L
E00506	B16W05S	2901	1596	"	HEPTACHLOR	0.1 U	UG/L
E00506	B16W05S	2901	1596	"	HEXACHLOROBENZENE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	HEXACHLOROETHANE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	LEAD	90.0 U	UG/L
E00506	B16W05S	2901	1596	"	MERCURY	0.2 U	UG/L
E00506	B16W05S	2901	1596	"	METHOXYCHLOR	1.1 U	UG/L
E00506	B16W05S	2901	1596	"	NITROBENZENE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	PENTACHLOROPHENOL	500.0 U	UG/L
E00506	B16W05S	2901	1596	"	PYRIDINE	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	SELENIUM	100.0 U	UG/L
E00506	B16W05S	2901	1596	"	SILVER	10.0 U	UG/L
E00506	B16W05S	2901	1596	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E00506	B16W05S	2901	1596	"	TOXAPHENE	2.3 U	UG/L
E00506	B16W05S	2901	1596	"	TRICHLOROETHYLENE	50.0 U	UG/L
E00506	B16W05S	2901	1596	"	VINYL CHLORIDE	100.0 U	UG/L
E00702	B16W07S	3007	1309	5.0 - 7.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	2,4,5-T	5.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00702	B16W07S	3007	1309	5.0 - 7.0	2,4,5-T	5.0 U	UG/L
E00702	B16W07S	3007	1309	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E00702	B16W07S	3007	1309	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E00702	B16W07S	3007	1309	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	2,4-D	10.0 U	UG/L
E00702	B16W07S	3007	1309	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	2-BUTANONE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	2-METHYLPHENOL	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	4-METHYLPHENOL	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	ALPHA CHLORDANE	1.2 U	UG/L
E00702	B16W07S	3007	1309	"	ARSENIC	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	BARIUM	200.0 U	UG/L
E00702	B16W07S	3007	1309	"	BENZENE	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	CADMIUM	18.1 =	UG/L
E00702	B16W07S	3007	1309	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	CHLOROBENZENE	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	CHLOROFORM	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	CHROMIUM	10.0 U	UG/L
E00702	B16W07S	3007	1309	"	ENDRIN	0.2 U	UG/L
E00702	B16W07S	3007	1309	"	GAMMA CHLORDANE	1.2 U	UG/L
E00702	B16W07S	3007	1309	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E00702	B16W07S	3007	1309	"	HEPT. EPOXIDE	0.1 U	UG/L
E00702	B16W07S	3007	1309	"	HEPTACHLOR	0.1 U	UG/L
E00702	B16W07S	3007	1309	"	HEXACHLOROBENZENE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	HEXACHLOROETHANE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	LEAD	425.0 =	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00702	B16W07S	3007	1309	5.0 - 7.0	MERCURY	0.2 U	UG/L
E00702	B16W07S	3007	1309	"	METHOXYCHLOR	1.2 U	UG/L
E00702	B16W07S	3007	1309	"	NITROBENZENE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	PENTACHLOROPHENOL	500.0 U	UG/L
E00702	B16W07S	3007	1309	"	PYRIDINE	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	SELENIUM	100.0 U	UG/L
E00702	B16W07S	3007	1309	"	SILVER	10.0 U	UG/L
E00702	B16W07S	3007	1309	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	TOXAPHENE	2.4 U	UG/L
E00702	B16W07S	3007	1309	"	TRICHLOROETHYLENE	50.0 U	UG/L
E00702	B16W07S	3007	1309	"	VINYL CHLORIDE	100.0 U	UG/L
E00703	B16W07S	3007	1309	11.0 - 13.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
E00703	B16W07S	3007	1309	"	1,2-DICHLOROETHANE	50.0 U	UG/L
E00703	B16W07S	3007	1309	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	2,4,5-T	5.0 U	UG/L
E00703	B16W07S	3007	1309	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
E00703	B16W07S	3007	1309	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
E00703	B16W07S	3007	1309	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	2,4-D	10.0 U	UG/L
E00703	B16W07S	3007	1309	"	2,4-DINITROTOLUENE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	2-BUTANONE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	2-METHYLPHENOL	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	4-METHYLPHENOL	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	ALPHA CHLORDANE	1.1 U	UG/L
E00703	B16W07S	3007	1309	"	ARSENIC	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	BARIUM	721.0 =	UG/L
E00703	B16W07S	3007	1309	"	BENZENE	50.0 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

0 = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLDS - Plants 6E and 7S

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
E00703	B16W07S	3007	1309	11.0 - 13.0	CADMIUM	5.0 U	UG/L
E00703	B16W07S	3007	1309	"	CARBON TETRACHLORIDE	50.0 U	UG/L
E00703	B16W07S	3007	1309	"	CHLOROBENZENE	50.0 U	UG/L
E00703	B16W07S	3007	1309	"	CHLOROFORM	50.0 U	UG/L
E00703	B16W07S	3007	1309	"	CHROMIUM	10.0 U	UG/L
E00703	B16W07S	3007	1309	"	ENDRIN	0.2 U	UG/L
E00703	B16W07S	3007	1309	"	GAMMA CHLORDANE	1.1 U	UG/L
E00703	B16W07S	3007	1309	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
E00703	B16W07S	3007	1309	"	HEPT. EPOXIDE	0.1 U	UG/L
E00703	B16W07S	3007	1309	"	HEPTACHLOR	0.1 U	UG/L
E00703	B16W07S	3007	1309	"	HEXACHLOROBENZENE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	HEXACHLOROETHANE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	LEAD	90.0 U	UG/L
E00703	B16W07S	3007	1309	"	MERCURY	0.2 U	UG/L
E00703	B16W07S	3007	1309	"	METHOXYCHLOR	1.1 U	UG/L
E00703	B16W07S	3007	1309	"	NITROBENZENE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	PENTACHLOROPHENOL	500.0 U	UG/L
E00703	B16W07S	3007	1309	"	PYRIDINE	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	SELENIUM	100.0 U	UG/L
E00703	B16W07S	3007	1309	"	SILVER	10.0 U	UG/L
E00703	B16W07S	3007	1309	"	TETRACHLOROETHYLENE	50.0 U	UG/L
E00703	B16W07S	3007	1309	"	TOXAPHENE	2.3 U	UG/L
E00703	B16W07S	3007	1309	"	TRICHLOROETHYLENE	50.0 U	UG/L
E00703	B16W07S	3007	1309	"	VINYL CHLORIDE	100.0 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

O = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Table 3-12 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling Results at SLDS

Location ID	Coordinates East	Coordinates North	Concentrations Total Uranium (pCi/l ± 2σ)	Radium-226 (pCi/l ± 2σ)	Thorium-232 (pCi/l ± 2σ)	Thorium-230 (pCi/l ± 2σ)
B16W01S **	1080	2076	4.0 ± 0.0 @	2.3 ± 0.0	-a-	1.9 ± 0.0
B16W02S	1536	2111	162.0 ± 0.0	1.2 ± 0.0 @	-a-	0.9 ± 0.0 @
B16W03S	1746	1646	< 3.0 ± 0.0 @	0.5 ± 0.0 @	-a-	0.3 ± 0.0 @
B16W04S	1313	1089	< 3.0 ± 0.0 @	0.8 ± 0.0 @	-a-	0.4 ± 0.0 @
B16W05D	2901	1596	< 3.0 ± 0.0 @	1.0 ± 0.0 @	-a-	0.1 ± 0.0 @
B16W07D	3007	1309	< 3.0 ± 0.0 @	0.6 ± 0.0 @	-a-	0.3 ± 0.0 @
B16W06D	3269	1621	< 3.0 ± 0.0 @	1.3 ± 0.0 @	-a-	0.2 ± 0.0 @
B16W08D	3232	1269	< 3.0 ± 0.0 @	0.6 ± 0.0 @	-a-	< 0.2 ± 0.0 @

@ Below background wells tolerance limit.

* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
** Background well
-a- Analysis not requested.

Table 3-13 Field Sampling Plan Sampling Data

Radionuclide Concentrations in Groundwater
Sampling at SLDS: Plants 6E & 7S

Location ID	Coordinates East	Coordinates North	Concentrations Total Uranium (pCi/l ± 2σ)	Radium-226 (pCi/l ± 2σ)	Thorium-232 (pCi/l ± 2σ)	Thorium-230 (pCi/l ± 2σ)
B16W05S	2901	1596	1.1 ± 0.1 @	0.8 ± 0.4 @	0.1 ± 0.1	0.2 ± 0.1 @
B16W07S	3007	1309	5.3 ± 0.6 @	8.5 ± 1.9	5.5 ± 1.5	5.8 ± 1.6
B16W11S	2290	1599	30.3 ± 3.6	0.3 ± 0.2 @ <	0.2 ± 0.0	< 0.2 ± 0.0 @
B16W13S	2386	1827	147.9 ± 17.2	1.1 ± 0.4 @ <	0.2 ± 0.0	0.3 ± 0.2 @

@ Below background wells tolerance limit.

* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).

-a- Analysis not requested.

Radionuclide Concentrations in Groundwater
Sampling at SLDS: Chicago, Burlington, and Quincy Railroad

Location ID	Coordinates East	Coordinates North	Concentrations Total Uranium (pCi/l ± 2σ)	Radium-226 (pCi/l ± 2σ)	Thorium-232 (pCi/l ± 2σ)	Thorium-230 (pCi/l ± 2σ)
B16W06S	3269	1621	0.2 ± 0.03 @	0.8 ± 0.4 @	< 0.1 ± 0.0	0.1 ± 0.1 @

@ Below background wells tolerance limit.

* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).

-a- Analysis not requested.

Radionuclide Concentrations in Groundwater
Sampling at SLDS: PVO Foods, Inc.

Location ID	Coordinates East	Coordinates North	Concentrations Total Uranium (pCi/l ± 2σ)	Radium-226 (pCi/l ± 2σ)	Thorium-232 (pCi/l ± 2σ)	Thorium-230 (pCi/l ± 2σ)
B16W08S	3232	1269	1.2 ± 0.1 @	1.1 ± 0.5 @	0.1 ± 0.1	0.5 ± 0.3 @

@ Below background wells tolerance limit.

* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).

-a- Analysis not requested.

Radionuclide Concentrations in Groundwater
Sampling at SLDS: St. Louis Terminal Assoc. Railroad

Location ID	Coordinates East	Coordinates North	Concentrations Total Uranium (pCi/l ± 2σ)	Radium-226 (pCi/l ± 2σ)	Thorium-232 (pCi/l ± 2σ)	Thorium-230 (pCi/l ± 2σ)
B16W10S	2061	2178	2.8 ± 0.3 @	0.7 ± 0.6 @	< 0.2 ± 0.0	< 0.2 ± 0.0 @

@ Below background wells tolerance limit.

* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).

-a- Analysis not requested.

Radionuclide Concentrations in Groundwater
Sampling at SLDS: Thomas and Proetz Lumber Co.

Location ID	Coordinates East	Coordinates North	Concentrations Total Uranium (pCi/l ± 2σ)	Radium-226 (pCi/l ± 2σ)	Thorium-232 (pCi/l ± 2σ)	Thorium-230 (pCi/l ± 2σ)
B16W12S	2203	1266	5.0 ± 0.5 @	0.4 ± 0.3 @	< 0.1 ± 0.0	0.2 ± 0.1 @

@ Below background wells tolerance limit.

* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).

-a- Analysis not requested.

Table 3-14 Historic Sampling Data
Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	775	1025	0.0 - 0.5	< 78.4 ± 0.0	< 3.8 ± 0.0	< 3.8 ± 0.0	-a-	
	780	1200	0.0 - 0.5	< 37.0 ± 0.0	< 2.0 ± 0.0	< 2.6 ± 0.0	-a-	
	800	1297	0.0 - 0.5	< 33.0 ± 0.0	< 1.8 ± 0.0	< 2.8 ± 0.0	-a-	
	950	1350	0.0 - 0.5	< 36.8 ± 0.0	< 2.0 ± 0.0	< 3.2 ± 0.0	-a-	
	1155	1000	0.0 - 0.5	< 29.0 ± 0.0	< 2.1 ± 0.0	< 2.9 ± 0.0	-a-	
G10-12	1198	1011	0.0 - 0.5	< 90.8 ± 0.0	37.0 ± 1.2	< 3.9 ± 0.0	-a-	*
	1300	1408	0.0 - 0.5	< 30.6 ± 0.0	< 1.9 ± 0.0	< 3.3 ± 0.0	-a-	
	1600	1472	0.0 - 0.5	<304.0 ± 0.0	480.0 ± 6.6	< 13.4 ± 0.0	-a-	*
B53C15	1700	1300	0.0 - 0.5	< 48.6 ± 0.0	-a-	-a-	-a-	
	1700	1493	0.0 - 0.5	-a-	59.2 ± 1.8	< 4.9 ± 0.0	-a-	*
	1700	1493	0.0 - 0.5	<105.0 ± 0.0	-a-	-a-	-a-	
	1950	1533	0.0 - 0.5	<406.0 ± 0.0	1184 ± 14	< 20.4 ± 0.0	-a-	*
	1975	1570	0.0 - 0.5	<160.2 ± 0.0	93.8 ± 2.3	< 6.8 ± 0.0	-a-	*
	2125	1555	0.0 - 0.5	<144.4 ± 0.0	58.2 ± 1.8	< 6.3 ± 0.0	-a-	*
	2150	1510	0.0 - 0.5	<462.0 ± 0.0	1818 ± 20	< 25.2 ± 0.0	-a-	*
	2288	1450	0.0 - 0.5	< 57.6 ± 0.0	< 2.8 ± 0.0	< 3.4 ± 0.0	-a-	
	2363	1420	0.0 - 0.5	<114.2 ± 0.0	< 5.0 ± 0.0	< 4.4 ± 0.0	-a-	
	2525	1002	0.0 - 0.5	< 27.2 ± 0.0	< 1.6 ± 0.0	< 3.3 ± 0.0	-a-	
	2550	1289	0.0 - 0.5	< 37.8 ± 0.0	< 2.0 ± 0.0	< 3.9 ± 0.0	-a-	
	2675	1002	0.0 - 0.5	< 32.8 ± 0.0	< 1.6 ± 0.0	< 3.0 ± 0.0	-a-	
	2800	1121	0.0 - 0.5	< 42.8 ± 0.0	< 1.9 ± 0.0	< 3.7 ± 0.0	-a-	
G10-29	2900	1012	0.0 - 0.5	< 32.8 ± 0.0	< 1.7 ± 0.0	< 3.4 ± 0.0	-a-	
	2938	1020	0.0 - 0.5	<127.4 ± 0.0	39.4 ± 1.4	< 4.9 ± 0.0	-a-	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Table 3-15 Historic Sampling Data
Radionuclide Concentrations in Soil
Deep Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
M10-8D	800	1011	0.0 - 1.0	< 78.4 ± 0.0	< 3.9 ± 0.0	< 4.3 ± 0.0	-a-	
M10-8D	800	1011	1.0 - 2.0	< 37.4 ± 0.0	< 1.7 ± 0.0	< 3.4 ± 0.0	20.0 ± 2.0	*
M10-8D	800	1011	2.0 - 3.0	< 28.8 ± 0.0	< 1.6 ± 0.0	< 3.0 ± 0.0	1.8 ± 0.7	
R12-8	808	1197	0.0 - 2.0	< 39.6 ± 0.0	< 2.9 ± 0.0	< 2.9 ± 0.0	-a-	
R12-8	808	1197	2.0 - 3.0	< 7.0 ± 0.0	4.0 ± 1.0	1.3 ± 0.7	110.0 ± 10.0	*
R12-8	808	1197	4.0 - 6.0	< 47.2 ± 0.0	< 3.3 ± 0.0	< 3.0 ± 0.0	120.0 ± 10.0	*
R12-8	808	1197	6.0 - 8.0	< 4.0 ± 0.0	1.0 ± 0.3	1.3 ± 0.5	-a-	
R12-8	808	1197	8.0 - 10.0	< 11.0 ± 0.0	1.0 ± 1.0	< 2.0 ± 0.0	0.6 ± 0.2	
R12-8	808	1197	10.0 - 11.5	< 4.0 ± 0.0	1.3 ± 0.3	1.3 ± 0.5	-a-	
R13-8	808	1303	0.0 - 0.6	< 57.0 ± 0.0	< 3.0 ± 0.0	< 4.2 ± 0.0	-a-	
R13-8	808	1303	4.0 - 6.0	< 36.6 ± 0.0	< 1.8 ± 0.0	< 3.5 ± 0.0	3.0 ± 0.4	
R13-8	808	1303	6.0 - 8.0	< 34.8 ± 0.0	< 1.8 ± 0.0	< 3.3 ± 0.0	6.0 ± 0.8	
R11-8	813	1099	0.0 - 1.0	40.0 ± 9.0	20.0 ± 5.0	3.0 ± 1.0	-a-	*
R11-8	813	1099	2.0 - 3.0	84.0 ± 22.0	69.0 ± 3.0	< 1.0 ± 0.0	-a-	*
R11-8	813	1099	4.0 - 5.0	1200 ± 100.0	2700 ± 100	63.0 ± 12	-a-	*
R11-8	813	1099	7.0 - 8.5	53.0 ± 11.0	31.0 ± 2.0	1.8 ± 1.2	-a-	*
R11-8	813	1099	9.5 - 10.5	9.0 ± 4.0	1.4 ± 0.4	< 1.0 ± 0.0	-a-	
R11-8	813	1099	10.5 - 11.5	13.0 ± 5.0	0.8 ± 0.6	< 1.0 ± 0.0	7.0 ± 1.0	
R11-8	813	1099	11.5 - 12.5	< 35.2 ± 0.0	< 2.4 ± 0.0	< 2.7 ± 0.0	1.3 ± 0.7	
R11-8	813	1099	13.5 - 14.5	9.0 ± 4.0	1.2 ± 0.4	2.1 ± 0.6	-a-	
R11-8	813	1099	15.5 - 16.5	< 5.0 ± 0.0	2.4 ± 0.4	0.9 ± 0.5	-a-	
C13-9	896	1306	0.0 - 5.0	< 46.6 ± 0.0	< 3.0 ± 0.0	< 3.1 ± 0.0	-a-	
C13-9	896	1306	5.0 - 8.0	< 29.6 ± 0.0	< 2.3 ± 0.0	< 2.8 ± 0.0	0.0 ± 0.0	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-163

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
C13-9	896	1306	8.0 - 12.0	< 30.8 ± 0.0	< 2.6 ± 0.0	< 2.8 ± 0.0	0.0 ± 0.0	
R10-9	899	1015	0.0 - 2.0	< 26.2 ± 0.0	< 1.5 ± 0.0	< 2.7 ± 0.0	-a-	
R10-9	899	1015	2.0 - 4.0	< 31.0 ± 0.0	< 1.6 ± 0.0	< 3.0 ± 0.0	31.0 ± 3.0	*
R10-9	899	1015	5.0 - 7.0	< 34.0 ± 0.0	< 2.2 ± 0.0	< 3.1 ± 0.0	1.4 ± 0.3	
	900	1102	0.0 - 2.0	< 36.4 ± 0.0	< 2.6 ± 0.0	< 3.1 ± 0.0	-a-	
	900	1102	2.4 - 4.3	< 7.0 ± 0.0	1.6 ± 0.4	1.5 ± 0.6	-a-	
	900	1102	4.3 - 6.3	<260.0 ± 0.0	220.0 ± 3.9	< 7.6 ± 0.0	-a-	*
	900	1102	6.3 - 8.3	< 6.0 ± 0.0	1.4 ± 0.4	0.6 ± 0.0	16.0 ± 3.0	
	900	1102	8.3 - 9.8	< 30.6 ± 0.0	< 2.0 ± 0.0	< 2.7 ± 0.0	7.0 ± 1.0	
	900	1102	9.8 - 11.6	< 5.0 ± 0.0	< 0.3 ± 0.0	< 0.4 ± 0.0	-a-	
	900	1102	13.0 - 14.5	< 10.0 ± 0.0	1.3 ± 0.4	3.0 ± 1.0	-a-	
R12-9	900	1199	0.0 - 1.5	< 5.0 ± 0.0	1.3 ± 0.4	1.3 ± 0.6	-a-	
R12-9	900	1199	1.5 - 3.0	< 30.4 ± 0.0	< 1.9 ± 0.0	< 3.0 ± 0.0	0.0 ± 0.0	
R12-9	900	1199	3.0 - 4.5	170.0 ± 20.0	45.0 ± 2.0	1.7 ± 1.5	-a-	*
R12-9	900	1199	4.5 - 6.0	< 39.0 ± 0.0	< 1.8 ± 0.0	< 3.1 ± 0.0	-a-	
R12-9	900	1199	6.0 - 7.5	19.0 ± 6.0	1.6 ± 0.5	1.5 ± 0.7	-a-	
R12-9	900	1199	8.5 - 9.5	< 11.0 ± 0.0	2.6 ± 0.7	3.0 ± 1.0	-a-	
R12-9	900	1199	10.5 - 12.0	< 4.0 ± 0.0	1.0 ± 0.3	1.6 ± 0.5	-a-	
R12-10	997	1210	0.0 - 2.0	< 8.0 ± 0.0	1.7 ± 0.4	1.5 ± 0.6	-a-	
R12-10	997	1210	4.5 - 6.5	61.0 ± 8.0	6.0 ± 1.0	< 0.5 ± 0.0	36.0 ± 2.0	*
R12-10	997	1210	6.5 - 8.5	< 33.0 ± 0.0	< 2.5 ± 0.0	< 2.8 ± 0.0	8.6 ± 0.7	
R12-10	997	1210	8.5 - 9.5	< 4.0 ± 0.0	1.4 ± 0.4	1.1 ± 0.5	-a-	
R12-10	997	1210	10.5 - 11.5	< 9.0 ± 0.0	1.9 ± 0.5	3.0 ± 1.0	-a-	
R12-10	997	1210	12.5 - 13.5	< 6.0 ± 0.0	1.1 ± 0.5	1.2 ± 0.7	-a-	
G10-10	1000	1016	0.0 - 1.5	< 26.2 ± 0.0	< 1.8 ± 0.0	< 2.7 ± 0.0	-a-	
G10-10	1000	1016	3.0 - 5.0	< 30.2 ± 0.0	< 1.8 ± 0.0	< 3.1 ± 0.0	1.8 ± 0.6	
G10-10	1000	1016	5.0 - 7.0	< 30.2 ± 0.0	< 1.8 ± 0.0	< 3.2 ± 0.0	-a-	
	1002	1310	2.0 - 3.5	< 73.6 ± 0.0	< 2.8 ± 0.0	< 3.6 ± 0.0	-a-	
	1002	1310	3.5 - 5.5	< 42.4 ± 0.0	< 1.7 ± 0.0	< 3.3 ± 0.0	5.4 ± 0.8	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1002	1310	5.5 - 7.0	< 39.2 ± 0.0	< 1.8 ± 0.0	< 3.6 ± 0.0	9.0 ± 3.0	
R11-10	1005	1101	0.0 - 1.0	< 9.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.6	-a-	
R11-10	1005	1101	1.0 - 2.0	< 31.4 ± 0.0	< 2.4 ± 0.0	< 2.5 ± 0.0	-a-	
R11-10	1005	1101	2.0 - 3.0	9.0 ± 6.0	7.0 ± 1.0	1.4 ± 0.7	-a-	
R11-10	1005	1101	4.0 - 5.0	47.0 ± 7.0	12.0 ± 1.0	1.3 ± 1.2	-a-	S
R11-10	1005	1101	10.0 - 11.5	190.0 ± 20.0	15.0 ± 1.0	3.0 ± 2.0	-a-	*
R11-10	1005	1101	13.0 - 14.5	< 6.0 ± 0.0	2.2 ± 0.5	1.5 ± 0.6	-a-	
R11-10	1005	1101	14.5 - 16.0	< 6.0 ± 0.0	1.1 ± 0.9	2.0 ± 2.0	3.0 ± 1.0	
R11-10	1005	1101	16.0 - 17.5	< 48.4 ± 0.0	< 3.9 ± 0.0	< 3.0 ± 0.0	29.0 ± 2.0	*
R11-11	1085	1102	0.0 - 1.8	< 4.0 ± 0.0	1.3 ± 0.4	0.8 ± 0.5	-a-	
R11-11	1085	1102	3.5 - 5.5	< 6.0 ± 0.0	1.4 ± 0.4	2.7 ± 0.7	-a-	
R11-11	1085	1102	7.5 - 9.5	700.0 ± 100.0	5.0 ± 1.0	1.5 ± 0.7	-a-	*
R11-11	1085	1102	11.5 - 13.0	< 4.0 ± 0.0	1.1 ± 0.4	1.1 ± 0.5	-a-	
R11-11	1085	1102	14.5 - 16.0	< 7.0 ± 0.0	1.3 ± 0.4	1.4 ± 0.5	-a-	
	1100	1198	0.0 - 1.0	< 27.4 ± 0.0	< 2.1 ± 0.0	< 2.8 ± 0.0	-a-	
	1100	1198	1.0 - 2.0	< 6.0 ± 0.0	1.5 ± 0.7	1.3 ± 1.0	-a-	
	1100	1198	3.0 - 4.5	< 10.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	-a-	
	1100	1198	4.5 - 6.0	< 28.2 ± 0.0	< 2.1 ± 0.0	< 2.4 ± 0.0	-a-	
	1100	1198	6.0 - 7.5	< 5.0 ± 0.0	1.9 ± 0.5	1.1 ± 0.6	-a-	
	1100	1198	7.5 - 9.0	< 80.4 ± 0.0	53.2 ± 1.9	< 4.3 ± 0.0	-a-	*
	1100	1198	9.0 - 10.5	< 4.0 ± 0.0	0.9 ± 0.4	0.9 ± 0.6	1.2 ± 0.3	
	1100	1198	10.5 - 12.0	< 26.6 ± 0.0	< 2.1 ± 0.0	< 2.8 ± 0.6	3.8 ± 0.6	
	1100	1198	12.0 - 13.0	< 5.0 ± 0.0	1.3 ± 0.5	0.8 ± 0.6	-a-	
	1100	1198	14.0 - 15.0	< 8.0 ± 0.0	0.8 ± 0.4	2.6 ± 0.7	-a-	
R10-11	1102	1016	0.0 - 1.0	<173.4 ± 0.0	122.0 ± 2.7	< 7.5 ± 0.0	-a-	*
R10-11	1102	1016	2.0 - 3.0	<115.2 ± 0.0	51.4 ± 1.7	< 5.4 ± 0.0	-a-	*
R10-11	1102	1016	3.0 - 4.0	< 30.8 ± 0.0	< 1.5 ± 0.0	< 2.8 ± 0.0	3.6 ± 1.6	
R10-11	1102	1016	4.0 - 5.0	< 49.0 ± 0.0	< 3.2 ± 0.0	< 3.6 ± 0.0	120.0 ± 10.0	*
R10-11	1102	1016	6.0 - 7.0	< 11.0 ± 0.0	4.0 ± 2.0	3.0 ± 3.0	32.0 ± 2.0	*

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
R10-11	1102	1016	7.0 - 8.0	< 10.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	1.7 ± 1.0	
R10-11	1102	1016	9.0 - 10.0	< 12.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	16.0 ± 1.0	S
G10-12	1198	1011	0.5 - 1.5	< 33.0 ± 0.0	< 2.0 ± 0.0	< 3.4 ± 0.0	-a-	
G10-12	1198	1011	4.0 - 5.5	< 34.4 ± 0.0	< 1.7 ± 0.0	< 3.4 ± 0.0	17.0 ± 1.0	*
G10-12	1198	1011	5.5 - 6.5	< 34.2 ± 0.0	< 1.8 ± 0.0	< 3.3 ± 0.0	1.6 ± 0.2	
R11-12	1200	1100	0.0 - 1.0	< 9.0 ± 0.0	1.5 ± 0.4	2.0 ± 0.7	-a-	
R11-12	1200	1100	3.0 - 5.0	< 6.0 ± 0.0	1.8 ± 0.5	1.7 ± 0.7	-a-	
R11-12	1200	1100	6.0 - 7.0	< 4.0 ± 0.0	1.6 ± 0.4	1.3 ± 0.6	-a-	
R11-12	1200	1100	7.0 - 8.0	<115.2 ± 0.0	102.2 ± 2.6	< 5.5 ± 0.0	-a-	*
R11-12	1200	1100	8.0 - 9.0	< 14.0 ± 0.0	36.0 ± 3.0	< 2.0 ± 0.0	-a-	*
R11-12	1200	1100	9.0 - 10.0	9.0 ± 4.0	1.2 ± 0.4	0.7 ± 0.4	5.0 ± 1.0	
R11-12	1200	1100	10.0 - 11.0	< 32.8 ± 0.0	< 2.1 ± 0.0	< 2.6 ± 0.0	7.0 ± 2.0	
R11-12	1200	1100	12.0 - 13.5	< 7.0 ± 0.0	1.3 ± 0.4	1.7 ± 0.6	-a-	
R11-12	1200	1100	15.0 - 16.5	< 7.0 ± 0.0	1.3 ± 0.5	1.7 ± 0.7	-a-	
G12-12	1200	1199	0.0 - 2.5	< 5.0 ± 0.0	1.2 ± 0.5	1.0 ± 0.7	-a-	
G12-12	1200	1199	4.5 - 6.0	< 7.0 ± 0.0	1.7 ± 0.4	2.1 ± 0.7	-a-	
G12-12	1200	1199	7.5 - 9.0	78.0 ± 19.0	86.0 ± 3.0	2.0 ± 2.0	-a-	*
G12-12	1200	1199	9.0 - 10.5	15.0 ± 7.0	12.0 ± 2.0	< 0.5 ± 0.0	1000 ± 100.0	*
R13-12	1200	1295	0.0 - 5.0	706.0 ± 38.0	131.8 ± 2.9	< 6.2 ± 0.0	-a-	*
R13-12	1200	1295	5.0 - 6.5	<125.4 ± 0.0	116.4 ± 2.7	< 5.9 ± 0.0	-a-	*
R13-12	1200	1295	6.5 - 8.0	<117.2 ± 0.0	118.6 ± 2.7	< 6.1 ± 0.0	-a-	*
R13-12	1200	1295	8.0 - 10.0	<129.2 ± 0.0	116.0 ± 2.7	< 6.0 ± 0.0	-a-	*
R13-12	1200	1295	10.0 - 11.0	< 42.0 ± 0.0	< 2.4 ± 0.0	< 3.0 ± 0.0	1.5 ± 0.7	
R13-12	1200	1295	11.0 - 12.0	< 38.2 ± 0.0	< 2.1 ± 0.0	< 2.9 ± 0.0	2.0 ± 1.0	
R13-12	1200	1295	12.0 - 13.0	< 34.8 ± 0.0	< 1.6 ± 0.0	< 3.0 ± 0.0	2.0 ± 0.5	
	1200	1392	0.0 - 1.0	< 48.0 ± 0.0	< 1.9 ± 0.0	< 3.6 ± 0.0	6.0 ± 0.8	
	1200	1392	3.0 - 4.0	<101.0 ± 0.0	< 2.0 ± 0.0	< 3.4 ± 0.0	0.6 ± 0.3	
	1200	1392	4.0 - 5.0	< 45.6 ± 0.0	< 2.0 ± 0.0	< 3.5 ± 0.0	0.6 ± 0.2	
	1298	1008	0.0 - 2.0	< 29.2 ± 0.0	< 1.7 ± 0.0	< 3.0 ± 0.0	-a-	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1298	1008	5.0 - 6.0	< 33.2 ± 0.0	< 2.0 ± 0.0	< 3.3 ± 0.0	34.0 ± 2.0	*
	1298	1008	6.0 - 7.0	< 30.8 ± 0.0	< 1.7 ± 0.0	-a-	2.4 ± 0.6	
R11-13	1298	1098	0.0 - 1.0	< 28.2 ± 0.0	< 2.5 ± 0.0	< 2.6 ± 0.0	-a-	
R11-13	1298	1098	1.0 - 2.0	< 5.0 ± 0.0	1.9 ± 0.7	< 0.5 ± 0.0	-a-	
R11-13	1298	1098	2.5 - 3.5	< 4.0 ± 0.0	1.6 ± 0.4	1.3 ± 0.6	2.0 ± 2.0	
R11-13	1298	1098	3.5 - 4.5	< 30.6 ± 0.0	< 2.5 ± 0.0	< 3.0 ± 0.0	7.0 ± 2.0	
R11-13	1298	1098	6.5 - 7.5	190.0 ± 20.0	230.0 ± 20	< 0.5 ± 0.0	-a-	*
R11-13	1298	1098	8.5 - 10.0	40.0 ± 9.0	42.0 ± 2.0	3.0 ± 1.0	-a-	*
R11-13	1298	1098	10.0 - 11.5	< 56.0 ± 0.0	< 4.1 ± 0.0	< 3.0 ± 0.0	-a-	
R11-13	1298	1098	11.5 - 13.0	12.0 ± 7.0	5.0 ± 1.0	1.5 ± 0.7	-a-	
R12-13	1299	1200	0.0 - 2.0	< 7.0 ± 0.0	2.2 ± 0.5	1.8 ± 0.7	-a-	
R12-13	1299	1200	3.0 - 3.8	270.0 ± 20.0	77.0 ± 3.0	5.0 ± 2.0	-a-	*
R12-13	1299	1200	5.0 - 6.0	< 3.0 ± 0.0	1.0 ± 0.4	2.7 ± 0.7	7.0 ± 2.0	
R12-13	1299	1200	6.0 - 7.0	< 0.0 ± 0.0	3.0 ± 1.0	4.0 ± 14	1.7 ± 1.2	
R12-13	1299	1200	7.0 - 8.0	< 7.0 ± 0.0	1.7 ± 0.5	1.9 ± 0.8	-a-	
R12-13	1299	1200	9.0 - 10.5	< 5.0 ± 0.0	1.3 ± 0.4	1.2 ± 0.6	-a-	
C13-13	1300	1302	0.0 - 5.0	< 35.4 ± 0.0	< 2.4 ± 0.0	< 2.8 ± 0.0	-a-	
C13-13	1300	1302	5.0 - 9.0	< 31.2 ± 0.0	< 2.4 ± 0.0	< 3.1 ± 0.0	-a-	
C13-13	1300	1302	9.0 - 13.0	< 28.2 ± 0.0	< 2.1 ± 0.0	< 3.1 ± 0.0	-a-	
	1305	1401	0.0 - 1.5	< 39.2 ± 0.0	< 2.8 ± 0.0	< 3.3 ± 0.0	-a-	
	1305	1401	1.5 - 3.0	< 56.2 ± 0.0	< 2.6 ± 0.0	< 2.8 ± 0.0	29.0 ± 2.0	*
	1305	1401	3.0 - 4.0	< 49.6 ± 0.0	< 2.4 ± 0.0	< 2.8 ± 0.0	5.0 ± 1.0	
	1330	1074	0.0 - 2.0	< 85.6 ± 0.0	< 4.7 ± 0.0	< 3.4 ± 0.0	-a-	
	1330	1074	4.0 - 6.0	< 61.2 ± 0.0	< 4.5 ± 0.0	< 3.3 ± 0.0	140.0 ± 10.0	*
	1330	1074	6.0 - 8.0	< 36.2 ± 0.0	< 2.1 ± 10	< 3.4 ± 0.0	5.1 ± 0.6	
R10-14	1398	1011	0.0 - 2.0	< 42.6 ± 0.0	< 2.4 ± 0.0	< 3.3 ± 0.0	-a-	
R10-14	1398	1011	5.0 - 6.0	< 31.2 ± 0.0	< 1.9 ± 0.0	< 3.3 ± 0.0	0.6 ± 0.4	
R10-14	1398	1011	6.0 - 7.0	< 32.4 ± 0.0	< 1.7 ± 0.0	< 4.0 ± 0.0	5.1 ± 0.9	
R11-14	1398	1102	2.0 - 4.0	< 12.0 ± 0.0	3.4 ± 0.7	3.0 ± 1.0	-a-	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
R11-14	1398	1102	4.0 - 6.0	< 29.2 ± 0.0	< 1.8 ± 0.0	< 3.5 ± 0.0	-a-	
R11-14	1398	1102	6.0 - 7.0	100.0 ± 20.0	48.0 ± 3.0	2.0 ± 1.0	-a-	*
R11-14	1398	1102	7.0 - 8.0	1170 ± 109.0	5620 ± 56	< 50.4 ± 0.0	-a-	*
R11-14	1398	1102	8.0 - 9.0	1600 ± 100.0	1700 ± 100	< 5.0 ± 0.0	-a-	*
R11-14	1398	1102	9.0 - 10.0	800.0 ± 100.0	1.0 ± 0.5	1.5 ± 0.8	6.0 ± 1.0	*
R11-14	1398	1102	10.0 - 12.0	< 53.0 ± 0.0	< 2.1 ± 0.0	< 3.9 ± 0.0	0.0 ± 1.0	
R11-14	1398	1102	12.0 - 13.5	< 43.2 ± 0.0	< 2.0 ± 0.0	< 4.0 ± 0.0	-a-	
R11-14	1398	1102	13.5 - 15.0	13.0 ± 4.0	2.1 ± 0.4	1.0 ± 0.5	-a-	
	1400	1351	1.0 - 2.0	< 12.0 ± 0.0	6.0 ± 2.0	< 3.0 ± 0.0	140.0 ± 10.0	*
	1400	1351	4.0 - 5.3	24.0 ± 10.0	4.0 ± 2.0	< 3.0 ± 0.0	46.0 ± 1.0	*
R14-14	1400	1397	0.0 - 1.0	< 41.2 ± 0.0	< 2.6 ± 0.0	< 3.5 ± 0.0	-a-	
R14-14	1400	1397	2.0 - 4.0	< 32.8 ± 0.0	< 1.8 ± 0.0	< 3.5 ± 0.0	4.1 ± 0.8	
R14-14	1400	1397	4.0 - 6.0	< 25.2 ± 0.0	< 1.4 ± 0.0	< 3.2 ± 0.0	1.0 ± 0.3	
R12-14	1402	1196	0.0 - 1.0	< 45.6 ± 0.0	< 2.9 ± 0.0	< 3.4 ± 0.0	-a-	
R12-14	1402	1196	1.0 - 2.0	< 6.0 ± 0.0	1.9 ± 0.5	2.4 ± 0.7	-a-	
R12-14	1402	1196	2.5 - 3.8	< 10.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.5	26.0 ± 1.0	*
R12-14	1402	1196	3.0 - 4.0	620.0 ± 70.0	590.0 ± 60	< 3.0 ± 0.0	-a-	*
R12-14	1402	1196	4.5 - 5.5	< 31.4 ± 0.0	< 2.0 ± 0.0	< 3.3 ± 0.0	19.0 ± 2.0	*
R12-14	1402	1196	5.0 - 6.0	< 5.0 ± 0.0	1.6 ± 0.4	1.6 ± 0.5	-a-	
R12-14	1402	1196	6.5 - 8.5	< 8.0 ± 0.0	1.6 ± 0.4	2.1 ± 0.8	-a-	
R12-14	1402	1196	10.5 - 12.5	< 3.0 ± 0.0	0.5 ± 0.3	1.3 ± 0.5	-a-	
R13-14	1402	1300	0.0 - 2.0	< 34.2 ± 0.0	< 2.2 ± 0.0	< 3.5 ± 0.0	-a-	
R13-14	1402	1300	3.5 - 5.5	< 31.4 ± 0.0	< 1.6 ± 0.0	< 3.1 ± 0.0	0.8 ± 0.1	
R13-14	1402	1300	5.5 - 7.5	< 26.6 ± 0.0	< 1.6 ± 0.0	< 2.9 ± 0.0	1.2 ± 0.2	
C11-15	1497	1094	0.0 - 5.0	< 5.0 ± 0.0	2.8 ± 0.5	1.0 ± 0.6	-a-	
C11-15	1497	1094	5.0 - 9.0	<212.0 ± 0.0	262.0 ± 4.3	< 8.5 ± 0.0	-a-	*
C11-15	1497	1094	9.0 - 13.0	27.0 ± 10.0	7.0 ± 1.0	1.3 ± 1.0	-a-	
M10-15D	1498	1008	0.0 - 1.0	< 29.6 ± 0.0	< 1.8 ± 0.0	< 3.5 ± 0.0	-a-	
M10-15D	1498	1008	3.0 - 4.0	< 72.6 ± 0.0	< 1.7 ± 0.0	< 3.8 ± 0.0	1.0 ± 0.3	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
M10-15D	1498	1008	4.0 - 5.0	< 54.8 ± 0.0	< 1.9 ± 0.0	< 3.7 ± 0.0	12.0 ± 1.0	
C12-15	1500	1200	0.0 - 8.0	60.0 ± 20.0	59.0 ± 3.0	< 1.0 ± 0.0	-a-	*
C12-15	1500	1200	8.0 - 12.0	< 25.4 ± 0.0	< 1.9 ± 0.0	< 2.5 ± 0.0	-a-	
C12-15	1500	1200	12.0 - 16.0	< 9.0 ± 0.0	2.1 ± 0.8	3.0 ± 1.0	-a-	
R13-15	1500	1300	0.0 - 1.0	< 43.6 ± 0.0	< 2.2 ± 0.0	< 4.1 ± 0.0	-a-	
R13-15	1500	1300	4.0 - 5.0	< 53.2 ± 0.0	< 1.5 ± 0.0	< 3.0 ± 0.0	5.2 ± 1.5	
R13-15	1500	1300	5.0 - 6.0	< 42.2 ± 0.0	< 1.6 ± 0.0	< 2.9 ± 0.0	1.4 ± 0.3	
R14-15	1500	1400	1.0 - 2.5	< 12.0 ± 0.0	2.0 ± 2.0	4.0 ± 0.3	1.1 ± 0.9	
R14-15	1500	1400	2.5 - 4.0	< 14.0 ± 0.0	2.0 ± 2.0	< 3.0 ± 0.0	1.0 ± 0.9	
G12-16	1595	1200	0.0 - 1.5	< 30.0 ± 0.0	22.0 ± 2.0	1.5 ± 1.0	-a-	*
G12-16	1595	1200	3.0 - 4.5	37.0 ± 6.0	23.0 ± 5.0	0.9 ± 0.7	-a-	*
G12-16	1595	1200	4.5 - 5.5	< 9.0 ± 0.0	5.0 ± 2.0	< 1.0 ± 0.0	130.0 ± 10.0	*
G12-16	1595	1200	5.5 - 6.5	< 39.6 ± 0.0	< 2.7 ± 0.0	< 2.9 ± 0.0	130.0 ± 10.0	*
G12-16	1595	1200	8.0 - 9.0	< 11.0 ± 0.0	< 3.0 ± 0.0	< 3.0 ± 0.0	2.5 ± 0.4	
G12-16	1595	1200	11.0 - 12.5	< 4.0 ± 0.0	1.1 ± 0.3	1.4 ± 0.5	-a-	
R10-16	1599	1009	0.0 - 2.0	< 63.8 ± 0.0	< 4.7 ± 0.0	< 3.3 ± 0.0	-a-	
R10-16	1599	1009	2.0 - 4.0	< 50.8 ± 0.0	< 4.4 ± 0.0	< 2.3 ± 0.0	130.0 ± 10.0	*
R10-16	1599	1009	4.0 - 6.0	< 32.4 ± 0.0	< 2.4 ± 0.0	< 2.8 ± 0.0	71.0 ± 2.0	*
R10-16	1599	1009	8.0 - 9.5	< 14.0 ± 0.0	3.0 ± 2.0	2.0 ± 2.0	4.3 ± 0.7	
R11-16	1600	1102	0.0 - 2.0	< 31.6 ± 0.0	< 2.6 ± 0.0	< 3.1 ± 0.0	-a-	
R11-16	1600	1102	3.2 - 4.5	1000 ± 100.0	900.0 ± 100	< 4.0 ± 0.0	-a-	*
R11-16	1600	1102	4.5 - 5.5	<238.0 ± 0.0	252.0 ± 4.1	< 7.9 ± 0.0	-a-	*
R11-16	1600	1102	5.5 - 6.5	< 9.0 ± 0.0	6.0 ± 2.0	< 2.0 ± 0.0	180.0 ± 10.0	*
R11-16	1600	1102	6.5 - 7.5	< 35.0 ± 0.0	< 2.7 ± 0.0	< 2.5 ± 0.0	370.0 ± 10.0	*
R11-16	1600	1102	7.5 - 8.5	< 6.0 ± 0.0	2.0 ± 0.4	1.4 ± 0.7	-a-	
R11-16	1600	1102	8.5 - 9.5	-a-	-a-	-a-	22.0 ± 1.0	*
R11-16	1600	1102	9.5 - 10.5	< 6.0 ± 0.0	1.7 ± 0.6	1.3 ± 0.8	-a-	
R11-16	1600	1102	11.5 - 13.0	< 5.0 ± 0.0	1.2 ± 0.3	1.4 ± 0.5	-a-	
B53C17	1600	1300	0.0 - 0.6	< 93.6 ± 0.0	41.0 ± 1.6	< 3.6 ± 0.0	-a-	*

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B53C17	1600	1300	2.0 - 3.5	< 56.0 ± 0.0	< 5.0 ± 0.0	< 3.0 ± 0.0	420.0 ± 10.0	*
B53C17	1600	1300	3.5 - 5.0	< 34.0 ± 0.0	< 2.9 ± 0.0	< 3.6 ± 0.0	48.0 ± 2.0	*
B53C17	1600	1300	5.0 - 6.0	< 15.0 ± 0.0	8.0 ± 2.0	< 4.0 ± 0.0	46.0 ± 5.0	*
R14-16	1600	1403	1.0 - 2.0	15.0 ± 6.0	4.0 ± 1.0	< 2.0 ± 0.0	78.0 ± 2.0	*
R14-16	1600	1403	2.0 - 3.0	< 8.0 ± 0.0	3.0 ± 2.0	< 2.0 ± 0.0	4.9 ± 0.6	
R14-16	1600	1403	4.0 - 5.0	< 8.0 ± 0.0	1.0 ± 1.0	< 2.0 ± 0.0	-a-	
G10-17	1697	1012	2.0 - 4.0	26.0 ± 13.0	< 1.0 ± 0.0	4.0 ± 2.0	10.0 ± 1.0	S
G10-17	1697	1012	4.0 - 5.0	< 13.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	13.0 ± 2.0	
R12-17	1699	1197	6.0 - 7.0	< 3.0 ± 0.0	1.5 ± 0.4	1.0 ± 0.5	2.6 ± 0.6	
R12-17	1699	1197	7.0 - 8.0	< 13.0 ± 0.0	< 3.0 ± 0.0	< 3.0 ± 0.0	10.0 ± 1.0	
R12-17	1699	1197	9.0 - 10.0	< 5.0 ± 0.0	2.0 ± 0.6	1.5 ± 0.7	-a-	
R12-17	1699	1197	12.0 - 13.5	< 5.0 ± 0.0	1.0 ± 0.3	0.6 ± 0.5	-a-	
B53C15	1700	1300	0.0 - 2.5	< 48.6 ± 0.0	< 3.3 ± 0.0	< 3.1 ± 0.0	-a-	
B53C15	1700	1300	4.0 - 8.0	-a-	< 3.9 ± 0.0	< 3.0 ± 0.0	< 0.0 ± 0.0	
B53C15	1700	1300	8.0 - 12.0	-a-	< 2.3 ± 0.0	< 2.9 ± 0.0	-a-	
	1702	1401	5.0 - 6.0	100.0 ± 30.0	3.0 ± 2.0	5.0 ± 3.0	15.0 ± 1.0	*
	1702	1401	6.0 - 7.0	< 20.0 ± 0.0	27.0 ± 6.0	7.0 ± 3.0	560.0 ± 10.0	*
	1702	1401	8.0 - 9.0	< 13.0 ± 0.0	4.0 ± 2.0	3.0 ± 3.0	4.9 ± 0.6	
R15-17	1704	1487	0.0 - 2.0	< 51.0 ± 0.0	< 3.3 ± 0.0	< 3.6 ± 0.0	-a-	
R15-17	1704	1487	2.0 - 4.0	< 34.0 ± 0.0	< 1.7 ± 0.0	< 3.0 ± 0.0	25.0 ± 2.0	*
R15-17	1704	1487	4.0 - 6.0	< 28.0 ± 0.0	< 1.7 ± 0.0	< 3.4 ± 0.0	3.5 ± 0.8	
	1705	1101	1.0 - 3.0	< 5.0 ± 0.0	0.6 ± 0.4	1.1 ± 0.5	-a-	
	1705	1101	5.0 - 6.5	< 9.0 ± 0.0	2.0 ± 1.0	< 1.0 ± 0.0	11.0 ± 1.0	
	1705	1101	6.5 - 7.5	< 13.0 ± 0.0	< 3.0 ± 0.0	< 3.0 ± 0.0	1.7 ± 0.3	
	1705	1101	7.5 - 8.5	< 5.0 ± 0.0	2.0 ± 0.4	0.9 ± 0.6	-a-	
	1705	1101	9.5 - 11.0	< 6.0 ± 0.0	1.5 ± 0.4	1.7 ± 0.6	-a-	
R10-18	1800	1007	2.0 - 2.7	< 16.0 ± 0.0	15.0 ± 4.0	< 3.0 ± 0.0	1100 ± 100.0	*
R10-18	1800	1007	4.0 - 5.0	25.0 ± 11.0	3.0 ± 2.0	4.0 ± 2.0	19.0 ± 4.0	*
R10-18	1800	1007	5.0 - 6.0	< 14.0 ± 0.0	6.0 ± 2.0	< 3.0 ± 0.0	10.0 ± 1.0	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
R12-18	1800	1196	3.0 - 4.0	< 35.8 ± 0.0	< 3.1 ± 0.0	< 3.5 ± 0.0	1.8 ± 0.2	
R12-18	1800	1196	4.0 - 5.0	< 8.0 ± 0.0	2.0 ± 2.0	3.0 ± 2.0	7.8 ± 0.7	
R14-18	1800	1405	0.0 - 1.0	< 41.2 ± 0.0	< 3.1 ± 0.0	< 3.3 ± 0.0	-a-	
R14-18	1800	1405	4.0 - 5.5	<352.0 ± 0.0	1740 ± 14	< 18.9 ± 0.0	-a-	*
R14-18	1800	1405	5.5 - 6.5	< 44.4 ± 0.0	< 3.4 ± 0.0	< 3.1 ± 0.0	450.0 ± 10.0	*
R14-18	1800	1405	6.5 - 7.5	< 42.0 ± 0.0	< 3.1 ± 0.0	< 3.2 ± 0.0	120.0 ± 10.0	*
R14-18	1800	1405	8.5 - 9.5	-a-	-a-	-a-	79.0 ± 2.0	*
R14-18	1800	1405	10.5 - 11.5	< 14.0 ± 0.0	5.0 ± 3.0	3.0 ± 2.0	250.0 ± 10.0	*
	1801	1500	0.0 - 1.0	< 67.4 ± 0.0	76.8 ± 1.3	< 3.6 ± 0.0	2160 ± 82.8	*
	1801	1500	1.0 - 2.0	< 18.4 ± 0.0	818.0 ± 7.1	< 10.0 ± 0.0	2440 ± 570.0	*
	1801	1500	2.0 - 3.0	< 17.9 ± 0.0	< 1.2 ± 0.0	< 2.0 ± 0.0	2.7 ± 0.4	
	1801	1500	3.0 - 4.0	< 16.8 ± 0.0	< 1.2 ± 0.0	< 2.2 ± 0.0	1.1 ± 0.3	
	1801	1500	4.0 - 5.0	< 18.1 ± 0.0	< 1.3 ± 0.0	3.8 ± 0.5	-a-	
	1801	1500	5.0 - 6.0	< 17.1 ± 0.0	< 1.2 ± 0.0	< 2.2 ± 0.0	-a-	
	1801	1500	6.0 - 7.0	< 17.9 ± 0.0	< 1.2 ± 0.0	< 2.0 ± 0.0	-a-	
	1801	1500	7.0 - 8.0	< 47.5 ± 0.0	< 2.9 ± 0.0	< 6.0 ± 0.0	-a-	
	1801	1500	8.0 - 9.0	< 45.4 ± 0.0	< 3.0 ± 0.0	< 5.6 ± 0.0	-a-	
	1801	1500	9.0 - 10.0	< 40.8 ± 0.0	< 2.5 ± 0.0	< 4.1 ± 0.0	-a-	
	1801	1500	10.0 - 11.0	< 38.6 ± 0.0	< 2.5 ± 0.0	< 5.6 ± 0.0	-a-	
	1801	1500	11.0 - 12.0	< 41.0 ± 0.0	< 3.0 ± 0.0	< 4.3 ± 0.0	-a-	
	1803	1294	0.0 - 1.6	<158.6 ± 0.0	149.6 ± 2.7	< 7.2 ± 0.0	-a-	*
	1803	1294	2.0 - 4.0	< 26.6 ± 0.0	< 1.5 ± 0.0	< 1.5 ± 0.0	3.7 ± 0.7	
	1803	1294	4.0 - 6.0	< 33.6 ± 0.0	< 1.7 ± 0.0	< 3.4 ± 0.0	3.7 ± 1.7	
	1803	1294	10.0 - 12.0	39.0 ± 17.0	27.0 ± 5.0	< 4.0 ± 0.0	860.0 ± 10.0	*
R11-18	1808	1102	4.0 - 5.0	< 13.0 ± 0.0	4.0 ± 2.0	< 3.0 ± 0.0	4.0 ± 0.7	
R11-18	1808	1102	5.0 - 6.0	< 11.0 ± 0.0	2.0 ± 1.0	4.0 ± 3.0	12.0 ± 1.0	
R12-19	1897	1194	0.0 - 2.0	< 24.8 ± 0.0	< 1.6 ± 0.0	< 3.2 ± 0.0	-a-	
R12-19	1897	1194	6.0 - 8.0	< 75.6 ± 0.0	59.6 ± 1.8	< 5.4 ± 0.0	-a-	*
R12-19	1897	1194	8.0 - 10.0	< 45.2 ± 0.0	< 3.9 ± 0.0	< 3.7 ± 0.0	1.0 ± 0.3	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
R12-19	1897	1194	10.0 - 12.0	< 92.6 ± 0.0	73.0 ± 2.0	< 6.1 ± 0.0	1.0 ± 0.3	*
R13-19	1899	1309	0.0 - 1.0	< 28.4 ± 0.0	< 2.4 ± 0.0	< 3.2 ± 0.0	-a-	
R13-19	1899	1309	2.0 - 3.0	< 73.6 ± 0.0	< 4.8 ± 0.0	< 3.9 ± 0.0	1500 ± 100.0	*
R13-19	1899	1309	3.0 - 4.0	< 35.2 ± 0.0	< 2.8 ± 0.0	< 2.9 ± 0.0	18.0 ± 1.0	*
R13-19	1899	1309	4.0 - 6.0	-a-	-a-	-a-	23.0 ± 1.0	*
R13-19	1899	1309	7.0 - 8.0	< 11.0 ± 0.0	2.0 ± 1.0	4.0 ± 3.0	36.0 ± 2.0	*
R13-19	1899	1309	9.0 - 10.5	< 10.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	10.0 ± 1.0	
R10-19	1900	1008	3.0 - 4.0	18.0 ± 9.0	5.0 ± 2.0	3.0 ± 2.0	5.4 ± 0.6	
R10-19	1900	1008	4.0 - 5.0	< 16.0 ± 0.0	5.0 ± 2.0	3.0 ± 3.0	120.0 ± 10.0	*
R10-19	1900	1008	6.0 - 7.0	< 13.0 ± 0.0	2.0 ± 2.0	5.0 ± 3.0	7.1 ± 1.8	
R11-19	1900	1099	4.0 - 5.0	< 10.0 ± 0.0	3.0 ± 1.0	< 3.0 ± 0.0	2.3 ± 0.4	
R11-19	1900	1099	5.0 - 6.0	< 8.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	0.8 ± 0.5	
R14-19	1900	1400	0.0 - 1.0	< 38.4 ± 0.0	< 2.9 ± 0.0	< 3.2 ± 0.0	-a-	
R14-19	1900	1400	1.0 - 2.0	< 29.4 ± 0.0	< 2.5 ± 0.0	< 2.8 ± 0.0	-a-	
R14-19	1900	1400	2.0 - 3.0	< 36.0 ± 0.0	< 2.6 ± 0.0	< 2.9 ± 0.0	-a-	
R14-19	1900	1400	3.0 - 4.0	<316.0 ± 0.0	898.0 ± 9.0	< 13.6 ± 0.0	-a-	*
R14-19	1900	1400	4.0 - 5.0	< 46.0 ± 0.0	< 2.3 ± 0.0	< 3.2 ± 0.0	-a-	
R14-19	1900	1400	6.0 - 7.0	< 13.0 ± 0.0	< 3.0 ± 0.0	5.0 ± 3.0	3.0 ± 1.0	
R14-19	1900	1400	7.0 - 8.0	< 12.0 ± 0.0	< 3.0 ± 0.0	< 3.0 ± 0.0	5.0 ± 1.0	
	1915	1500	0.0 - 1.0	< 31.0 ± 0.0	< 2.5 ± 0.0	< 3.3 ± 0.0	-a-	
	1915	1500	3.0 - 4.0	< 46.2 ± 0.0	< 2.4 ± 0.0	< 2.5 ± 0.0	-a-	
	1915	1500	4.0 - 5.0	< 43.6 ± 0.0	< 4.0 ± 0.0	< 3.0 ± 0.0	-a-	
	1915	1500	8.0 - 9.0	<182.2 ± 0.0	318.0 ± 4.8	< 8.8 ± 0.0	-a-	*
	1915	1500	9.0 - 10.0	< 70.4 ± 0.0	33.8 ± 1.4	< 3.8 ± 0.0	-a-	*
	1915	1500	10.0 - 11.0	< 39.6 ± 0.0	< 3.2 ± 0.0	< 2.2 ± 0.0	69.0 ± 9.0	*
	1915	1500	12.0 - 13.0	-a-	-a-	-a-	32.0 ± 1.0	*
	1915	1500	13.0 - 14.0	< 14.0 ± 0.0	3.0 ± 2.0	< 2.0 ± 0.0	26.0 ± 2.0	*
	1915	1500	14.0 - 15.0	< 12.0 ± 0.0	2.0 ± 2.0	2.0 ± 2.0	45.0 ± 3.0	*
R10-20	1996	1011	0.0 - 1.6	< 28.0 ± 0.0	< 1.7 ± 0.0	< 3.4 ± 0.0	-a-	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
R10-20	1996	1011	3.0 - 5.0	< 38.8 ± 0.0	< 1.7 ± 0.0	< 3.3 ± 0.0	58.0 ± 2.0	*
R10-20	1996	1011	5.0 - 7.0	< 66.2 ± 0.0	< 3.3 ± 0.0	< 3.4 ± 0.0	800.0 ± 10.0	*
R10-20	1996	1011	9.0 - 11.0	< 7.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	2.1 ± 1.1	
G12-20	1997	1207	0.0 - 2.0	< 38.6 ± 0.0	< 2.3 ± 0.0	< 2.8 ± 0.0	-a-	
G12-20	1997	1207	4.0 - 5.0	< 48.4 ± 0.0	< 4.8 ± 0.0	< 3.7 ± 0.0	85.0 ± 3.0	*
G12-20	1997	1207	5.0 - 6.0	< 35.4 ± 0.0	-a-	< 3.3 ± 0.0	4.0 ± 1.0	
C11-20	2000	1100	0.0 - 4.0	< 52.8 ± 0.0	< 4.0 ± 0.0	< 3.5 ± 0.0	-a-	
C11-20	2000	1100	4.0 - 8.0	< 43.8 ± 0.0	< 3.0 ± 0.0	< 2.7 ± 0.0	-a-	
C11-20	2000	1100	8.0 - 12.0	< 28.2 ± 0.0	< 1.8 ± 0.0	< 3.2 ± 0.0	-a-	
B53C09	2000	1400	2.5 - 4.5	< 9.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	9.0 ± 1.0	
B53C09	2000	1400	4.5 - 5.5	< 10.0 ± 0.0	9.0 ± 2.0	< 3.0 ± 0.0	140.0 ± 10.0	*
B53C09	2000	1400	6.5 - 7.5	< 13.0 ± 0.0	2.0 ± 2.0	3.0 ± 3.0	27.0 ± 1.0	*
	2000	1500	10.0 - 11.0	-a-	-a-	-a-	110.0 ± 10.0	*
	2000	1500	11.0 - 12.0	< 14.0 ± 0.0	< 2.0 ± 0.0	< 2.0 ± 0.0	55.0 ± 4.0	*
R13-20	2003	1303	4.0 - 5.0	< 13.0 ± 0.0	3.0 ± 2.0	6.0 ± 3.0	80.0 ± 10.0	*
R13-20	2003	1303	5.0 - 6.0	< 11.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	120.0 ± 10.0	*
R13-20	2003	1303	7.0 - 8.0	< 16.0 ± 0.0	3.0 ± 2.0	5.0 ± 3.0	58.0 ± 2.0	*
M11-21	2096	1098	0.0 - 1.0	<120.0 ± 0.0	33.4 ± 1.4	< 4.6 ± 0.0	-a-	*
M11-21	2096	1098	4.0 - 5.0	< 38.6 ± 0.0	< 2.4 ± 0.0	< 3.3 ± 0.0	71.0 ± 5.0	*
M11-21	2096	1098	5.0 - 6.0	< 46.2 ± 0.0	< 2.8 ± 0.0	< 4.0 ± 0.0	120.0 ± 10.0	*
M11-21	2096	1098	7.0 - 8.0	< 9.0 ± 0.0	4.0 ± 2.0	< 2.0 ± 0.0	10.0 ± 1.0	
G10-21	2100	1012	0.0 - 2.0	< 50.6 ± 0.0	< 3.1 ± 0.0	< 3.4 ± 0.0	-a-	
G10-21	2100	1012	2.0 - 4.0	< 31.8 ± 0.0	< 2.0 ± 0.0	< 2.6 ± 0.0	4.6 ± 1.2	
G10-21	2100	1012	4.0 - 5.0	< 33.8 ± 0.0	< 2.0 ± 0.0	< 3.2 ± 0.0	7.0 ± 1.0	
R12-21	2100	1200	0.0 - 1.0	< 29.0 ± 0.0	< 2.3 ± 0.0	< 3.3 ± 0.0	-a-	
R12-21	2100	1200	5.5 - 7.0	< 40.0 ± 0.0	< 3.9 ± 0.0	< 3.3 ± 0.0	3.4 ± 0.3	
R12-21	2100	1200	7.0 - 8.0	< 39.2 ± 0.0	< 4.6 ± 0.0	< 2.8 ± 0.0	4.5 ± 0.3	
B53C07	2100	1400	0.0 - 1.5	<288.0 ± 0.0	838.0 ± 8.6	-a-	-a-	*
B53C07	2100	1400	1.5 - 2.5	-a-	530.0 ± 6.4	< 10.6 ± 0.0	-a-	*

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B53C07	2100	1400	2.5 - 3.5	<123.2 ± 0.0	90.6 ± 2.4	< 10.6 ± 0.0	-a-	*
B53C07	2100	1400	3.5 - 4.5	-a-	< 3.2 ± 0.0	< 2.7 ± 0.0	13.0 ± 1.0	
B53C07	2100	1400	4.5 - 5.5	< 41.4 ± 0.0	< 2.5 ± 0.0	-a-	-a-	
B53C07	2100	1400	5.5 - 7.0	< 10.0 ± 0.0	-a-	3.0 ± 2.0	84.0 ± 3.0	*
B53C07	2100	1400	8.0 - 9.0	< 14.0 ± 0.0	4.0 ± 2.0	< 4.0 ± 0.0	15.0 ± 1.0	
	2100	1500	0.0 - 1.0	< 41.2 ± 0.0	< 3.3 ± 0.0	< 3.5 ± 0.0	-a-	
	2100	1500	1.0 - 2.0	<346.0 ± 0.0	1518 ± 13	< 18.2 ± 0.0	-a-	*
	2100	1500	2.0 - 3.0	< 22.6 ± 0.0	316.0 ± 4.7	< 8.4 ± 0.0	-a-	*
	2100	1500	3.0 - 4.0	< 43.6 ± 0.0	< 2.2 ± 0.0	< 3.1 ± 0.0	-a-	
	2100	1500	4.0 - 5.0	<133.4 ± 0.0	67.8 ± 2.1	< 4.9 ± 0.0	-a-	*
	2100	1500	5.0 - 6.0	< 38.6 ± 0.0	< 2.5 ± 0.0	< 3.1 ± 0.0	1.7 ± 0.4	
	2100	1500	6.0 - 7.0	< 33.4 ± 0.0	< 2.2 ± 0.0	< 2.9 ± 0.0	27.0 ± 1.0	*
	2100	1500	7.0 - 8.0	< 35.2 ± 0.0	< 2.5 ± 0.0	< 2.9 ± 0.0	11.0 ± 1.0	
	2100	1500	8.0 - 9.0	< 31.4 ± 0.0	< 2.0 ± 0.0	< 3.2 ± 0.0	-a-	
C13-21	2104	1301	0.0 - 4.0	<137.2 ± 0.0	46.2 ± 1.7	< 4.6 ± 0.0	-a-	*
C13-21	2104	1301	4.0 - 8.0	< 31.4 ± 0.0	< 2.6 ± 0.0	< 3.5 ± 0.0	-a-	
C13-21	2104	1301	8.0 - 12.0	< 26.8 ± 0.0	< 2.1 ± 0.0	< 2.1 ± 0.0	-a-	
R13-22	2199	1299	0.0 - 1.0	< 28.4 ± 0.0	< 2.3 ± 0.0	< 3.0 ± 0.0	-a-	
R13-22	2199	1299	1.0 - 2.0	<128.8 ± 0.0	48.8 ± 1.8	< 4.1 ± 0.0	-a-	*
R13-22	2199	1299	2.0 - 2.5	<169.8 ± 0.0	94.4 ± 2.4	< 5.0 ± 0.0	-a-	*
R13-22	2199	1299	2.5 - 4.0	< 26.0 ± 0.0	< 2.0 ± 0.0	< 2.8 ± 0.0	7.2 ± 0.6	
R13-22	2199	1299	4.0 - 5.0	< 49.4 ± 0.0	< 3.3 ± 0.0	< 3.0 ± 0.0	560.0 ± 10.0	*
R13-22	2199	1299	6.0 - 7.0	< 27.4 ± 0.0	< 1.9 ± 0.0	< 2.7 ± 0.0	3.9 ± 0.4	
R11-22	2200	1100	0.0 - 1.0	< 27.8 ± 0.0	< 2.1 ± 0.0	< 3.2 ± 0.0	-a-	
R11-22	2200	1100	4.0 - 5.0	<122.4 ± 0.0	57.6 ± 1.9	< 4.6 ± 0.0	-a-	*
R11-22	2200	1100	5.0 - 6.0	< 44.8 ± 0.0	< 3.0 ± 0.0	< 3.6 ± 0.0	130.0 ± 10.0	*
R11-22	2200	1100	6.0 - 7.0	< 28.8 ± 0.0	< 2.4 ± 0.0	< 2.8 ± 0.0	31.0 ± 2.0	*
R11-22	2200	1100	7.0 - 8.0	-a-	-a-	-a-	32.0 ± 2.0	*
R11-22	2200	1100	9.0 - 10.0	< 10.0 ± 0.0	< 2.0 ± 0.0	< 3.0 ± 0.0	15.0 ± 1.0	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
R11-22	2200	1100	11.0 - 12.0	< 8.0 ± 0.0	< 2.0 ± 0.0	3.0 ± 2.0	1.4 ± 0.5	
B53C05	2200	1200	0.0 - 1.0	< 40.8 ± 0.0	< 2.8 ± 0.0	3.2 ± 0.0	-a-	
B53C05	2200	1200	7.0 - 8.0	< 61.0 ± 0.0	35.4 ± 1.5	< 3.8 ± 0.0	-a-	*
B53C05	2200	1200	8.0 - 9.0	< 38.6 ± 0.0	< 4.0 ± 0.0	< 3.2 ± 0.0	1.9 ± 0.5	
B53C05	2200	1200	9.0 - 10.0	< 44.6 ± 0.0	< 5.3 ± 0.0	< 3.6 ± 0.0	6.0 ± 1.0	
R14-22	2200	1400	0.0 - 1.0	< 31.8 ± 0.0	< 2.1 ± 0.0	< 2.6 ± 0.0	-a-	
R14-22	2200	1400	2.0 - 3.0	<132.0 ± 0.0	82.8 ± 2.3	< 5.0 ± 0.0	-a-	*
R14-22	2200	1400	3.0 - 4.0	<182.4 ± 0.0	228.0 ± 4.0	< 7.9 ± 0.0	-a-	*
R14-22	2200	1400	4.0 - 5.0	< 50.6 ± 0.0	< 4.0 ± 0.0	< 3.4 ± 0.0	150.0 ± 10.0	*
R14-22	2200	1400	5.0 - 6.0	< 31.6 ± 0.0	< 2.3 ± 0.0	< 2.7 ± 0.0	4.6 ± 0.6	
	2202	1485	0.0 - 1.0	< 53.0 ± 0.0	< 4.4 ± 0.0	< 3.8 ± 0.0	-a-	
	2202	1485	4.0 - 5.0	< 48.2 ± 0.0	< 2.5 ± 0.0	< 3.3 ± 0.0	13.0 ± 1.0	
	2202	1485	5.0 - 6.0	< 35.8 ± 0.0	< 2.2 ± 0.0	< 2.5 ± 0.0	9.0 ± 1.0	
R10-22	2205	1021	0.0 - 1.2	< 29.8 ± 0.0	< 1.8 ± 0.0	< 3.0 ± 0.0	-a-	
R10-22	2205	1021	1.2 - 3.0	< 77.6 ± 0.0	< 4.6 ± 0.0	< 4.0 ± 0.0	1100 ± 100.0	*
R10-22	2205	1021	3.0 - 5.0	< 29.0 ± 0.0	< 1.4 ± 0.0	< 2.9 ± 0.0	1.1 ± 0.5	
R11-23	2300	1101	0.0 - 1.0	< 29.4 ± 0.0	< 2.1 ± 0.0	< 3.1 ± 0.0	-a-	
R11-23	2300	1101	3.0 - 4.0	< 37.2 ± 0.0	< 4.1 ± 0.0	< 2.7 ± 0.0	2600 ± 100.0	*
R11-23	2300	1101	4.0 - 5.0	< 49.0 ± 0.0	< 3.2 ± 0.0	< 3.0 ± 0.0	71.0 ± 2.0	*
R11-23	2300	1101	6.0 - 7.0	-a-	-a-	-a-	30.0 ± 1.0	*
R11-23	2300	1101	8.0 - 9.0	< 9.0 ± 0.0	1.0 ± 1.0	3.0 ± 2.0	1.8 ± 0.4	
R11-23	2300	1101	11.0 - 12.0	< 10.0 ± 0.0	1.0 ± 1.0	< 2.0 ± 0.0	1.9 ± 0.8	
R14-23	2300	1400	0.0 - 1.0	< 33.6 ± 0.0	< 4.2 ± 0.0	< 3.0 ± 0.0	3.9 ± 0.4	
R14-23	2300	1400	2.0 - 3.5	<158.0 ± 0.0	74.2 ± 2.2	< 4.8 ± 0.0	-a-	*
R14-23	2300	1400	3.5 - 5.0	< 53.2 ± 0.0	< 3.3 ± 0.0	< 3.2 ± 0.0	100.0 ± 10.0	*
R14-23	2300	1400	5.0 - 6.0	< 31.2 ± 0.0	< 2.1 ± 0.0	< 2.8 ± 0.0	11.0 ± 1.0	
R13-23	2302	1300	0.0 - 1.0	< 30.2 ± 0.0	< 3.8 ± 0.0	< 3.0 ± 0.0	-a-	
R13-23	2302	1300	1.0 - 2.0	< 44.6 ± 0.0	< 3.1 ± 0.0	< 3.1 ± 0.0	1900 ± 100.0	*
R13-23	2302	1300	2.0 - 3.0	< 31.6 ± 0.0	< 2.3 ± 0.0	< 3.1 ± 0.0	5.0 ± 0.7	

Document ID(s): 20722-163

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
G12-23	2305	1200	0.0 - 1.0	< 57.2 ± 0.0	< 3.5 ± 0.0	< 3.8 ± 0.0	5.0 ± 0.7	
G12-23	2305	1200	2.0 - 3.5	< 50.4 ± 0.0	< 4.0 ± 0.0	< 3.0 ± 0.0	1700 ± 100.0	*
G12-23	2305	1200	3.5 - 5.0	< 51.4 ± 0.0	4.7 ± 2.0	< 3.1 ± 0.0	1200 ± 100.0	*
G12-23	2305	1200	9.0 - 10.0	< 11.0 ± 0.0	2.0 ± 2.0	4.0 ± 3.0	15.0 ± 2.0	S
G12-23	2305	1200	11.0 - 12.0	< 17.0 ± 0.0	3.0 ± 2.0	< 4.0 ± 0.0	10.0 ± 1.0	
R10-23	2313	1010	5.0 - 6.0	37.0 ± 15.0	2.0 ± 2.0	3.0 ± 3.0	-a-	
R10-23	2313	1010	6.0 - 8.0	14.0 ± 4.0	2.7 ± 0.8	3.0 ± 1.0	-a-	
R10-23	2313	1010	8.0 - 10.0	< 6.0 ± 0.0	1.5 ± 0.5	1.0 ± 0.7	-a-	
R10-23	2313	1010	10.0 - 12.0	< 7.0 ± 0.0	1.3 ± 0.4	1.6 ± 0.8	-a-	
R11-24	2398	1101	6.0 - 7.0	< 9.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	21.0 ± 2.0	*
R11-24	2398	1101	7.0 - 8.0	< 9.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	4.0 ± 0.7	
	2399	1382	0.0 - 1.0	<244.0 ± 0.0	158.2 ± 3.2	< 6.4 ± 0.0	-a-	*
	2399	1382	1.0 - 2.0	<208.0 ± 0.0	161.2 ± 3.3	< 7.0 ± 0.0	-a-	*
	2399	1382	2.0 - 3.5	< 29.2 ± 0.0	< 1.9 ± 0.0	< 2.1 ± 0.0	13.0 ± 3.0	
	2399	1382	3.5 - 4.5	< 32.2 ± 0.0	< 2.3 ± 0.0	< 3.1 ± 0.0	910.0 ± 10.0	*
	2399	1382	6.5 - 7.5	-a-	-a-	-a-	2.0 ± 0.3	
R10-24	2400	1010	5.0 - 6.0	13.0 ± 5.0	1.3 ± 0.7	2.0 ± 1.0	-a-	
R10-24	2400	1010	6.0 - 7.0	8.0 ± 5.0	1.2 ± 0.5	1.6 ± 0.9	-a-	
R10-24	2400	1010	7.0 - 8.0	11.0 ± 4.0	1.4 ± 0.5	1.3 ± 0.7	-a-	
R10-24	2400	1010	8.0 - 10.0	12.0 ± 4.0	1.9 ± 0.5	3.0 ± 1.0	-a-	
R10-24	2400	1010	10.0 - 12.0	< 5.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.6	-a-	
R13-24	2400	1300	0.0 - 1.0	< 29.6 ± 0.0	< 2.2 ± 0.0	< 2.9 ± 0.0	-a-	
R13-24	2400	1300	1.0 - 2.0	< 93.8 ± 0.0	< 4.7 ± 0.0	< 2.9 ± 0.0	750.0 ± 10.0	*
R13-24	2400	1300	2.0 - 3.0	< 63.0 ± 0.0	< 4.1 ± 0.0	< 2.8 ± 0.0	-a-	
R13-24	2400	1300	3.0 - 4.0	-a-	-a-	-a-	320.0 ± 10.0	*
R13-24	2400	1300	5.5 - 6.0	-a-	-a-	-a-	19.0 ± 2.0	*
R13-24	2400	1300	7.0 - 8.0	< 12.0 ± 0.0	3.0 ± 1.0	< 3.0 ± 0.0	15.0 ± 2.0	
R13-24	2400	1300	11.0 - 11.5	< 11.0 ± 0.0	< 2.0 ± 0.0	3.0 ± 2.0	1.6 ± 0.7	
R12-24	2401	1202	0.0 - 1.0	< 46.6 ± 0.0	< 3.1 ± 0.0	< 2.6 ± 0.0	-a-	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
R12-24	2401	1202	4.0 - 5.5	< 36.4 ± 0.0	< 3.4 ± 0.0	< 2.7 ± 0.0	38.0 ± 0.2	*
R12-24	2401	1202	5.5 - 7.0	< 32.0 ± 0.0	< 3.0 ± 0.0	< 3.1 ± 0.0	5.5 ± 0.5	
R12-24	2401	1202	8.0 - 9.0	< 12.0 ± 0.0	5.0 ± 2.0	< 3.0 ± 0.0	3.1 ± 0.4	
R12-24	2401	1202	9.0 - 10.0	< 9.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	1.9 ± 0.2	
M10-25S	2500	1009	0.0 - 2.0	< 26.2 ± 0.0	< 1.6 ± 0.0	< 3.1 ± 0.0	-a-	
M10-25S	2500	1009	2.0 - 4.0	< 35.4 ± 0.0	< 1.4 ± 0.0	< 3.1 ± 0.0	2.7 ± 0.7	
M10-25S	2500	1009	4.0 - 6.0	< 30.2 ± 0.0	< 1.7 ± 0.0	< 3.2 ± 0.0	1.8 ± 0.4	
R12-25	2500	1200	0.0 - 1.0	< 29.4 ± 0.0	< 2.1 ± 0.0	< 3.4 ± 0.0	-a-	
R12-25	2500	1200	1.0 - 2.0	< 36.0 ± 0.0	< 2.0 ± 0.0	< 2.9 ± 0.0	-a-	
R12-25	2500	1200	2.0 - 4.0	<256.0 ± 0.0	193.8 ± 3.8	7.5 ± 3.8	-a-	*
R12-25	2500	1200	4.0 - 5.5	< 74.8 ± 0.0	73.0 ± 2.2	< 5.1 ± 0.0	-a-	*
R12-25	2500	1200	5.5 - 7.0	< 29.8 ± 0.0	< 3.0 ± 0.0	< 2.5 ± 0.0	16.0 ± 2.0	
R12-25	2500	1200	7.0 - 8.0	< 44.6 ± 0.0	< 4.8 ± 0.0	< 3.6 ± 0.0	1.8 ± 0.4	
C13-25	2500	1300	0.0 - 4.0	<174.4 ± 0.0	85.6 ± 2.3	< 5.1 ± 0.0	-a-	*
C13-25	2500	1300	4.0 - 8.0	< 36.0 ± 0.0	< 2.2 ± 0.0	< 2.6 ± 0.0	-a-	
C13-25	2500	1300	8.0 - 12.0	< 27.4 ± 0.0	< 2.0 ± 0.0	< 2.6 ± 0.0	-a-	
C11-25	2501	1096	0.0 - 4.0	< 49.6 ± 0.0	< 1.9 ± 0.0	< 3.7 ± 0.0	-a-	
C11-25	2501	1096	5.0 - 9.0	<199.6 ± 0.0	404.0 ± 5.8	< 12.0 ± 0.0	-a-	*
C11-25	2501	1096	9.0 - 13.0	< 37.2 ± 0.0	< 1.5 ± 0.0	< 3.0 ± 0.0	-a-	
R10-26	2596	1008	2.5 - 3.5	< 12.0 ± 0.0	1.0 ± 1.0	4.0 ± 2.0	1.7 ± 0.4	
R10-26	2596	1008	3.5 - 4.5	< 7.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.6 ± 0.5	
R11-26	2601	1104	0.0 - 1.0	< 11.0 ± 0.0	3.0 ± 1.0	< 3.0 ± 0.0	1.5 ± 1.0	
R11-26	2601	1104	2.0 - 3.5	27.0 ± 13.0	9.0 ± 3.0	< 3.0 ± 0.0	140.0 ± 10.0	*
R11-26	2601	1104	4.0 - 5.0	14.0 ± 10.0	< 2.0 ± 0.0	< 2.0 ± 0.0	1.5 ± 0.3	
G12-26	2602	1196	0.0 - 1.0	< 27.0 ± 0.0	< 1.7 ± 0.0	< 2.9 ± 0.0	-a-	
G12-26	2602	1196	4.0 - 5.0	< 50.0 ± 0.0	< 1.7 ± 0.0	< 3.1 ± 0.0	2.8 ± 0.5	
G12-26	2602	1196	5.0 - 6.0	< 45.4 ± 0.0	< 1.4 ± 0.0	< 3.2 ± 0.0	2.8 ± 0.5	
R12-27	2695	1176	3.0 - 4.0	32.0 ± 26.0	36.0 ± 5.0	7.0 ± 3.0	2100 ± 100.0	*
R12-27	2695	1176	4.0 - 5.0	17.0 ± 8.0	2.0 ± 1.0	3.0 ± 2.0	7.0 ± 1.0	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
R10-27	2700	1008	2.0 - 3.8	< 23.0 ± 0.0	< 2.0 ± 0.0	< 2.0 ± 0.0	3.0 ± 1.0
R10-27	2700	1008	4.0 - 6.0	< 11.0 ± 0.0	4.0 ± 2.0	< 3.0 ± 0.0	2.0 ± 0.7
G11-27	2700	1101	0.0 - 1.0	< 33.2 ± 0.0	< 1.8 ± 0.0	< 3.3 ± 0.0	-a-
G11-27	2700	1101	4.0 - 6.0	< 94.2 ± 0.0	< 2.7 ± 0.0	< 3.6 ± 0.0	200.0 ± 10.0 *
G11-27	2700	1101	6.0 - 8.0	< 50.8 ± 0.0	< 1.9 ± 0.0	< 3.2 ± 0.0	63.0 ± 6.0 *
G11-27	2700	1101	10.0 - 12.0	< 12.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	0.6 ± 0.2
C11-28	2798	1102	0.0 - 4.0	< 88.8 ± 0.0	< 2.6 ± 0.0	< 3.5 ± 0.0	-a-
C11-28	2798	1102	4.0 - 8.0	< 55.0 ± 0.0	< 1.7 ± 0.0	< 3.4 ± 0.0	-a-
C11-28	2798	1102	8.0 - 12.0	< 30.8 ± 0.0	< 1.6 ± 0.0	< 3.7 ± 0.0	-a-
R10-28	2800	1008	0.0 - 1.0	< 45.6 ± 0.0	< 1.7 ± 0.0	< 3.0 ± 0.0	-a-
R10-28	2800	1008	2.0 - 3.0	< 39.8 ± 0.0	< 1.6 ± 0.0	< 3.2 ± 0.0	2.3 ± 0.8
R10-28	2800	1008	3.0 - 4.0	< 43.8 ± 0.0	< 1.7 ± 0.0	< 2.9 ± 0.0	1.4 ± 0.3
G10-29	2900	1012	2.0 - 3.5	< 45.0 ± 0.0	< 1.7 ± 0.0	< 3.1 ± 0.0	32.0 ± 2.0 *
G10-29	2900	1012	3.5 - 5.5	< 29.6 ± 0.0	< 1.7 ± 0.0	< 4.0 ± 0.0	1.4 ± 0.6
	3098	1073	0.0 - 4.0	< 25.8 ± 0.0	< 1.5 ± 0.0	< 3.3 ± 0.0	-a-
	3098	1073	4.0 - 8.0	< 27.0 ± 0.0	< 1.6 ± 0.0	< 3.3 ± 0.0	-a-
	3098	1073	8.0 - 12.0	< 31.2 ± 0.0	< 1.8 ± 0.0	< 3.5 ± 0.0	-a-

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

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Table 3-16 Historic Sampling Data
Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - St. Louis Airport Authority

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1350	650	0.0 - 0.5	< 3.0 ± 0.0	1.0 ± 0.4	2.1 ± 0.8	1.2 ± 0.6
	1400	750	0.0 - 0.5	< 3.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	2.2 ± 0.4
	1400	800	0.0 - 0.5	< 5.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	3.1 ± 1.2
	1450	700	0.0 - 0.5	< 3.0 ± 0.0	2.1 ± 0.8	< 1.0 ± 0.0	2.3 ± 0.4
	1500	800	0.0 - 0.5	< 3.0 ± 0.0	1.7 ± 0.7	1.9 ± 0.8	2.8 ± 0.5
	1550	750	0.0 - 0.5	< 3.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.8 ± 0.4
	1600	800	0.0 - 0.5	< 3.0 ± 0.0	1.2 ± 0.6	3.0 ± 1.0	3.6 ± 0.5
	1650	650	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.6	1.6 ± 0.7	2.4 ± 0.5
	1700	800	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.6	1.3 ± 0.8	8.3 ± 1.4 *
	1750	750	0.0 - 0.5	< 3.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	5.0 ± 0.6
	1800	800	0.0 - 0.5	< 3.0 ± 0.0	2.2 ± 0.7	1.7 ± 0.8	9.3 ± 1.1 *
	1850	700	0.0 - 0.5	< 3.0 ± 0.0	3.0 ± 0.7	2.0 ± 0.1	6.6 ± 0.8 *
	1900	800	0.0 - 0.5	< 3.0 ± 0.0	1.6 ± 0.5	3.0 ± 1.0	12.0 ± 1.0 *
	1950	750	0.0 - 0.5	< 3.0 ± 0.0	2.3 ± 0.7	2.0 ± 1.0	3.9 ± 0.8
	2000	800	0.0 - 0.5	< 5.0 ± 0.0	2.1 ± 0.6	1.4 ± 0.7	12.0 ± 1.0 *
	2050	650	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.6	1.2 ± 0.6	5.6 ± 1.1
	2100	800	0.0 - 0.5	< 4.0 ± 0.0	2.2 ± 0.7	< 1.0 ± 0.0	6.9 ± 1.0 *
	2150	750	0.0 - 0.5	< 3.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.8	13.0 ± 2.0 *
	2200	700	0.0 - 0.5	< 3.0 ± 0.0	1.3 ± 0.6	1.1 ± 0.7	8.7 ± 1.0 *
	2200	800	0.0 - 0.5	< 3.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.6	2.8 ± 0.4
	2300	800	0.0 - 0.5	< 4.0 ± 0.0	1.7 ± 0.8	4.0 ± 1.0	21.0 ± 1.0 *
	2350	750	0.0 - 0.5	< 3.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.9	6.3 ± 1.2 *
	2400	800	0.0 - 0.5	< 3.0 ± 0.0	2.9 ± 0.7	1.7 ± 0.9	25.0 ± 1.0 *

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - St. Louis Airport Authority

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2450	650	0.0 - 0.5	< 4.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	< 1.2 ± 0.4	
	2465	824	0.0 - 0.5	< 9.0 ± 0.0	1.6 ± 0.7	1.2 ± 0.8	39.0 ± 1.0	*
	2500	800	0.0 - 0.5	< 3.0 ± 0.0	1.8 ± 0.7	1.9 ± 0.9	18.0 ± 2.0	*
	2536	818	0.0 - 0.5	< 8.0 ± 0.0	2.4 ± 0.7	1.8 ± 0.9	31.0 ± 2.0	*
	2539	820	0.0 - 0.5	< 6.0 ± 0.0	2.0 ± 0.6	1.2 ± 0.9	28.0 ± 1.0	*
	2546	810	0.0 - 0.5	< 7.0 ± 0.0	2.2 ± 0.7	1.3 ± 0.8	19.0 ± 2.0	*
	2550	750	0.0 - 0.5	< 3.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	3.2 ± 0.6	
	2554	815	0.0 - 0.5	< 6.0 ± 0.0	2.5 ± 0.7	1.4 ± 0.7	35.0 ± 2.0	*
	2600	800	0.0 - 0.5	< 4.0 ± 0.0	1.4 ± 0.9	1.6 ± 1.0	24.0 ± 1.0	*
	2650	700	0.0 - 0.5	< 4.0 ± 0.0	2.1 ± 0.7	1.1 ± 0.8	0.8 ± 0.2	
	2700	800	0.0 - 0.5	< 3.0 ± 0.0	1.9 ± 0.6	1.8 ± 0.9	1.7 ± 1.2	
	2750	750	0.0 - 0.5	< 3.0 ± 0.0	2.1 ± 0.7	1.1 ± 0.7	1.0 ± 0.3	
	2800	800	0.0 - 0.5	< 3.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	1.4 ± 0.9	
	2850	650	0.0 - 0.5	< 3.0 ± 0.0	0.9 ± 0.4	1.7 ± 0.8	0.9 ± 0.4	
	2900	800	0.0 - 0.5	< 3.0 ± 0.0	1.9 ± 0.7	0.8 ± 0.6	7.5 ± 0.9	*
	2925	840	0.0 - 0.5	< 7.0 ± 0.0	1.8 ± 0.6	2.4 ± 0.8	27.0 ± 1.0	*
	2950	750	0.0 - 0.5	< 3.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	1.9 ± 0.5	
	3000	800	0.0 - 0.5	< 3.0 ± 0.0	1.4 ± 0.6	1.1 ± 0.6	19.0 ± 2.0	*
	3050	700	0.0 - 0.5	< 3.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	8.8 ± 0.8	*
	3100	800	0.0 - 0.5	< 3.0 ± 0.0	1.9 ± 0.6	1.9 ± 0.9	14.0 ± 2.0	*
	3150	750	0.0 - 0.5	< 4.0 ± 0.0	3.3 ± 0.8	2.0 ± 1.0	17.0 ± 2.0	*
	3200	800	0.0 - 0.5	< 3.0 ± 0.0	2.1 ± 0.6	1.0 ± 0.8	13.0 ± 2.0	*
	3250	650	0.0 - 0.5	< 6.0 ± 0.0	< 1.0 ± 0.0	1.7 ± 0.7	6.0 ± 1.7	S
	3350	750	0.0 - 0.5	< 3.0 ± 0.0	2.3 ± 0.7	1.0 ± 1.0	14.0 ± 1.0	*
	3400	800	0.0 - 0.5	< 3.0 ± 0.0	1.5 ± 0.5	1.5 ± 1.0	11.0 ± 1.0	*
	3450	700	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.6	1.5 ± 0.7	9.0 ± 0.8	*
	3500	800	0.0 - 0.5	< 3.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	13.0 ± 1.0	*
	3550	750	0.0 - 0.5	< 3.0 ± 0.0	1.7 ± 0.7	1.6 ± 0.8	8.6 ± 0.8	*
	3600	800	0.0 - 0.5	< 3.0 ± 0.0	2.8 ± 0.7	2.0 ± 1.0	13.0 ± 1.0	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - St. Louis Airport Authority

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3650	650	0.0 - 0.5	< 3.0 ± 0.0	2.2 ± 0.5	2.1 ± 0.9	6.5 ± 0.6 *
	3700	800	0.0 - 0.5	< 5.0 ± 0.0	1.7 ± 0.6	1.4 ± 0.9	4.8 ± 0.6
	3750	750	0.0 - 0.5	< 3.0 ± 0.0	1.5 ± 0.7	1.2 ± 0.8	11.0 ± 1.0 *
	3800	800	0.0 - 0.5	< 3.0 ± 0.0	1.8 ± 0.6	1.0 ± 0.8	11.0 ± 2.0 *
	3850	700	0.0 - 0.5	< 3.0 ± 0.0	1.8 ± 0.6	2.0 ± 1.0	7.6 ± 0.8 *
	3900	800	0.0 - 0.5	< 7.0 ± 0.0	1.9 ± 0.7	1.3 ± 0.8	5.0 ± 0.9
	3950	750	0.0 - 0.5	< 3.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.8	1.8 ± 1.1
	3960	712	0.0 - 0.5	< 10.0 ± 0.0	2.6 ± 0.8	2.0 ± 0.9	1.4 ± 0.3
	4000	650	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.6	1.7 ± 0.9	1.4 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	850	1500	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.7	10.0 ± 1.0	*
	900	1500	0.0 - 0.5	8.0 ± 5.0	2.4 ± 0.6	0.7 ± 0.6	80.0 ± 3.0	*
	950	1500	0.0 - 0.5	< 9.0 ± 0.0	2.5 ± 0.6	2.8 ± 0.9	86.0 ± 2.0	*
	950	1550	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.4	1.5 ± 0.7	4.9 ± 0.7	
	950	1600	0.0 - 0.5	< 4.0 ± 0.0	1.1 ± 0.4	1.0 ± 0.6	4.6 ± 0.7	
	1000	1500	0.0 - 0.5	10.0 ± 4.0	5.0 ± 1.0	1.6 ± 0.8	170.0 ± 10.0	*
	1000	1600	0.0 - 0.5	< 4.0 ± 0.0	0.7 ± 0.4	0.8 ± 0.6	3.5 ± 0.6	
	1000	1650	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.4	1.3 ± 0.7	2.7 ± 0.5	
	1000	1700	0.0 - 0.5	< 4.0 ± 0.0	0.6 ± 0.3	1.0 ± 0.5	2.7 ± 1.1	
	1050	1600	0.0 - 0.5	< 4.0 ± 0.0	0.7 ± 0.4	0.7 ± 0.6	6.1 ± 0.8	
	1050	1700	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.4	0.7 ± 0.6	3.4 ± 0.6	
	1050	1750	0.0 - 0.5	7.0 ± 0.0	1.1 ± 0.4	1.7 ± 0.6	1.9 ± 0.5	
	1100	1650	0.0 - 0.5	< 4.0 ± 0.0	1.0 ± 0.4	1.0 ± 0.7	4.6 ± 0.6	
	1100	1700	0.0 - 0.5	< 4.0 ± 0.0	1.0 ± 0.4	1.0 ± 0.6	3.6 ± 0.8	
	1150	1600	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.6	6.0 ± 1.2	S
	1150	1700	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.4	1.3 ± 0.6	3.3 ± 0.9	
	1150	1750	0.0 - 0.5	< 4.0 ± 0.0	0.8 ± 0.4	1.2 ± 0.6	2.5 ± 0.7	
	1200	1600	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.4	1.8 ± 0.7	4.1 ± 0.5	
	1200	1650	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.4	1.6 ± 0.6	5.3 ± 0.6	
	1200	1700	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.4	1.3 ± 0.6	3.4 ± 0.6	
	1250	1600	0.0 - 0.5	< 9.0 ± 0.0	2.4 ± 0.5	2.5 ± 0.7	7.8 ± 1.3	*
	1250	1700	0.0 - 0.5	< 4.0 ± 0.0	0.8 ± 0.4	1.0 ± 0.6	4.2 ± 0.6	
	1250	1750	0.0 - 0.5	< 8.0 ± 0.0	1.0 ± 0.4	1.2 ± 0.5	3.6 ± 0.6	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1250	1800	0.0 - 0.5	< 5.0 ± 0.0	1.0 ± 0.4	1.8 ± 0.7	3.6 ± 0.6	
	1300	1600	0.0 - 0.5	< 4.0 ± 0.0	1.2 ± 0.4	1.0 ± 0.6	5.3 ± 0.6	
	1300	1650	0.0 - 0.5	< 9.0 ± 0.0	1.1 ± 0.4	2.5 ± 0.8	3.6 ± 0.4	
	1300	1700	0.0 - 0.5	< 4.0 ± 0.0	1.5 ± 0.4	1.6 ± 0.5	4.3 ± 0.6	
	1300	1800	0.0 - 0.5	< 4.0 ± 0.0	1.4 ± 0.4	0.8 ± 0.6	3.8 ± 0.6	
	1350	1600	0.0 - 0.5	< 8.0 ± 0.0	1.4 ± 0.4	2.6 ± 0.8	5.2 ± 1.1	S
	1350	1700	0.0 - 0.5	< 8.0 ± 0.0	0.9 ± 0.4	1.3 ± 0.6	5.1 ± 1.0	
	1350	1750	0.0 - 0.5	< 4.0 ± 0.0	1.0 ± 0.4	1.3 ± 0.6	4.2 ± 1.0	
	1350	1800	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.4	2.6 ± 0.7	2.8 ± 0.5	
	1400	1600	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.4	1.7 ± 0.6	23.0 ± 2.0	*
	1400	1650	0.0 - 0.5	< 4.0 ± 0.0	1.7 ± 0.4	1.0 ± 0.7	5.7 ± 0.6	
	1400	1700	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.4	1.8 ± 0.7	2.9 ± 0.5	
	1400	1800	0.0 - 0.5	< 4.0 ± 0.0	0.8 ± 0.4	1.5 ± 0.6	1.7 ± 0.4	
	1450	1600	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.4	1.4 ± 0.5	67.0 ± 2.0	*
	1450	1700	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	0.7 ± 0.7	2.5 ± 0.4	
	1450	1750	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.5	2.0 ± 0.6	4.2 ± 0.6	
	1450	1800	0.0 - 0.5	< 7.0 ± 0.0	1.1 ± 0.4	1.0 ± 0.6	2.2 ± 0.5	
	1500	1600	0.0 - 0.5	18.0 ± 6.0	17.0 ± 1.0	1.5 ± 0.7	1200 ± 100.0	*
	1500	1650	0.0 - 0.5	4.0 ± 0.0	1.3 ± 0.4	1.7 ± 0.6	1.5 ± 0.4	
	1500	1700	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.4	2.4 ± 0.7	5.5 ± 0.7	S
	1500	1800	0.0 - 0.5	< 4.0 ± 0.0	1.4 ± 0.4	0.9 ± 0.6	2.5 ± 0.4	
	1500	1850	0.0 - 0.5	< 8.0 ± 0.0	1.0 ± 0.5	2.0 ± 0.6	3.7 ± 1.0	
	1550	1600	0.0 - 0.5	42.0 ± 8.0	43.0 ± 2.0	2.0 ± 1.0	2300 ± 100.0	*
	1550	1650	0.0 - 0.1	< 5.0 ± 0.0	1.2 ± 0.4	1.8 ± 0.7	3.5 ± 0.9	
	1550	1700	0.0 - 0.5	< 8.0 ± 0.0	2.3 ± 0.5	1.1 ± 0.6	21.0 ± 1.0	*
	1550	1750	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	1.0 ± 0.6	6.8 ± 0.7	*
	1550	1800	0.0 - 0.5	< 7.0 ± 0.0	0.8 ± 0.3	1.4 ± 0.7	3.3 ± 0.5	
	1550	1900	0.0 - 0.5	-a-	-a-	-a-	4.0 ± 0.5	
	1550	1950	0.0 - 0.5	-a-	-a-	-a-	2.5 ± 0.4	

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1550	2000	0.0 - 0.5	-a-	-a-	-a-	2.8 ± 0.5	
	1550	2050	0.0 - 0.5	-a-	-a-	-a-	2.0 ± 0.3	
	1550	2100	0.0 - 0.5	-a-	-a-	-a-	2.5 ± 0.5	
	1600	1600	0.0 - 0.5	10.0 ± 3.0	11.0 ± 1.0	2.0 ± 0.9	650.0 ± 10.0	*
	1600	1650	0.0 - 0.5	< 7.0 ± 0.0	1.3 ± 0.4	2.1 ± 0.6	4.7 ± 0.5	
	1600	1700	0.0 - 0.5	< 5.0 ± 0.0	1.0 ± 0.4	1.6 ± 0.6	8.0 ± 2.0	*
	1600	1800	0.0 - 0.5	< 4.0 ± 0.0	1.6 ± 0.4	1.7 ± 0.6	3.6 ± 0.4	
	1600	1850	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.4	2.0 ± 0.6	6.9 ± 1.4	*
	1613	1613	0.0 - 0.5	< 27.0 ± 0.0	190.0 ± 10	4.0 ± 3.0	-a-	*
	1650	1700	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	1.0 ± 0.6	10.0 ± 1.0	*
	1650	1750	0.0 - 0.5	< 4.0 ± 0.0	1.5 ± 0.4	0.6 ± 0.5	2.8 ± 0.4	
	1650	1800	0.0 - 0.5	< 3.0 ± 0.0	1.1 ± 0.4	1.3 ± 0.6	13.0 ± 1.0	*
	1700	1700	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	1.4 ± 0.5	1.7 ± 0.3	
	1700	1800	0.0 - 0.5	< 4.0 ± 0.0	1.2 ± 0.4	2.0 ± 0.6	10.0 ± 1.0	*
	1700	1850	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	0.9 ± 0.6	8.4 ± 0.8	*
	1700	1900	0.0 - 0.5	< 4.0 ± 0.0	0.6 ± 0.3	1.2 ± 0.5	9.5 ± 0.8	*
	1750	1700	0.0 - 0.5	< 8.0 ± 0.0	0.7 ± 0.4	1.2 ± 0.7	8.6 ± 0.7	*
	1750	1750	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.4	1.8 ± 0.6	6.5 ± 0.7	*
	1750	1800	0.0 - 0.5	< 4.0 ± 0.0	0.7 ± 0.4	0.9 ± 0.6	8.0 ± 0.7	*
	1750	1900	0.0 - 0.5	< 8.0 ± 0.0	1.4 ± 0.4	1.6 ± 0.7	4.5 ± 0.5	
	1800	1700	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.4	1.2 ± 0.6	9.1 ± 0.7	*
	1800	1800	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.5	0.7 ± 0.6	17.0 ± 1.0	*
	1800	1850	0.0 - 0.5	< 8.0 ± 0.0	2.1 ± 0.5	2.2 ± 0.7	19.0 ± 1.0	*
	1800	1900	0.0 - 0.5	< 4.0 ± 0.0	1.6 ± 0.5	0.9 ± 0.7	7.2 ± 0.7	*
	1850	1700	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.5	1.8 ± 0.7	7.5 ± 0.6	*
	1850	1750	0.0 - 0.5	< 8.0 ± 0.0	2.6 ± 0.6	2.5 ± 0.8	11.0 ± 1.0	*
	1850	1800	0.0 - 0.5	< 4.0 ± 0.0	1.5 ± 0.4	2.4 ± 0.6	5.0 ± 0.5	S
	1850	1900	0.0 - 0.5	< 0.8 ± 0.0	2.0 ± 0.5	2.7 ± 0.8	8.4 ± 1.0	*
	1900	1700	0.0 - 0.5	< 4.0 ± 0.0	1.7 ± 0.5	1.8 ± 0.6	18.0 ± 1.0	*

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1900	1800	0.0 - 0.5	< 4.0 ± 0.0	1.2 ± 0.4	1.2 ± 0.6	2.0 ± 0.4
B16 C109	1900	1850	0.0 - 0.5	8.0 ± 4.0	1.4 ± 0.4	2.5 ± 0.7	9.0 ± 1.0 *
	1900	1900	0.0 - 0.5	< 4.0 ± 0.0	1.1 ± 0.4	1.3 ± 0.6	7.3 ± 1.7 *
	1950	1700	0.0 - 0.5	< 5.0 ± 0.0	0.7 ± 0.5	1.3 ± 0.6	3.0 ± 0.5
	1950	1750	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.5	-a-	9.0 ± 1.0 *
	1950	1800	0.0 - 0.5	< 8.0 ± 0.0	1.1 ± 0.4	2.5 ± 0.6	2.0 ± 0.4
	1950	1900	0.0 - 0.5	< 9.0 ± 0.0	1.9 ± 0.5	1.9 ± 0.7	8.6 ± 0.9 *
	2000	1700	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.7	33.0 ± 2.0 *
	2000	1800	0.0 - 0.5	< 4.0 ± 0.0	1.5 ± 0.4	1.8 ± 0.6	14.0 ± 2.0 *
B16 R105	2000	1850	0.0 - 0.5	< 5.0 ± 0.0	0.9 ± 0.4	1.6 ± 0.6	15.0 ± 1.0 *
	2000	1900	0.0 - 0.5	< 8.0 ± 0.0	2.0 ± 0.5	1.4 ± 0.6	17.0 ± 1.0 *
	2050	1700	0.0 - 0.5	< 6.0 ± 0.0	2.2 ± 0.6	1.3 ± 0.7	52.0 ± 2.0 *
	2050	1800	0.0 - 0.5	< 5.0 ± 0.0	1.8 ± 0.5	1.1 ± 0.7	37.0 ± 2.0 *
	2050	1900	0.0 - 0.5	< 7.0 ± 0.0	1.7 ± 0.4	1.2 ± 0.5	25.0 ± 2.0 *
	2050	1950	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	1.3 ± 0.6	14.0 ± 1.0 *
	2100	1700	0.0 - 0.5	< 6.0 ± 0.0	2.4 ± 0.6	1.4 ± 0.8	21.0 ± 2.0 *
	2100	1800	0.0 - 0.5	< 9.0 ± 0.0	1.0 ± 0.5	2.6 ± 0.8	28.0 ± 5.0 *
	2100	1850	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.8	44.0 ± 2.0 *
B53C41	2100	1900	0.0 - 0.5	< 8.0 ± 0.0	1.3 ± 0.4	2.5 ± 0.8	13.0 ± 5.0 *
	2100	2000	0.0 - 0.5	< 8.0 ± 0.0	-a-	-a-	12.0 ± 1.0 *
	2100	2050	0.0 - 0.5	-a-	-a-	-a-	6.3 ± 0.6 *
	2100	2100	0.0 - 0.5	-a-	-a-	-a-	5.7 ± 0.9
	2100	2150	0.0 - 0.5	-a-	-a-	-a-	4.4 ± 0.6
	2100	2200	0.0 - 0.5	-a-	-a-	-a-	2.6 ± 0.6
	2100	2250	0.0 - 0.5	-a-	-a-	-a-	16.0 ± 1.0 *
	2150	1750	0.0 - 0.5	< 7.0 ± 0.0	1.4 ± 0.4	-a-	17.0 ± 5.0 *
	2150	1800	0.0 - 0.5	< 4.0 ± 0.0	1.3 ± 0.4	2.0 ± 0.6	18.0 ± 5.0 *
	2150	1900	0.0 - 0.5	< 5.0 ± 0.0	1.5 ± 0.5	1.7 ± 0.7	26.0 ± 5.0 *
	2150	1950	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.4	2.4 ± 0.8	8.0 ± 2.0 *

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2200	1700	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.5	1.5 ± 0.8	43.0 ± 2.0	*
	2200	1800	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.4	1.7 ± 0.7	10.0 ± 2.0	*
	2200	1850	0.0 - 0.5	< 6.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.8	29.0 ± 3.0	*
	2200	1900	0.0 - 0.5	< 5.0 ± 0.0	0.7 ± 0.5	1.2 ± 0.7	22.0 ± 2.0	*
	2250	1700	0.0 - 0.5	< 11.0 ± 0.0	2.1 ± 0.6	2.3 ± 0.9	29.0 ± 3.0	*
	2250	1750	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.4	1.9 ± 0.7	12.0 ± 3.0	*
	2250	1900	0.0 - 0.5	< 5.0 ± 0.0	1.7 ± 0.5	-a-	1.4 ± 0.9	
	2300	1650	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.6	1.8 ± 0.7	49.0 ± 3.0	*
	2300	1700	0.0 - 0.5	< 9.0 ± 0.0	2.0 ± 0.5	1.1 ± 0.8	23.0 ± 3.0	*
	2300	1850	0.0 - 0.5	< 6.0 ± 0.0	2.0 ± 0.5	1.6 ± 0.8	15.0 ± 1.0	*
	2300	1900	0.0 - 0.5	< 5.0 ± 0.0	1.5 ± 0.5	1.8 ± 0.7	1.3 ± 0.6	
	2350	1700	0.0 - 0.5	< 8.0 ± 0.0	1.0 ± 0.4	2.6 ± 0.8	43.0 ± 2.0	*
	2350	1750	0.0 - 0.5	< 5.0 ± 0.0	1.5 ± 0.4	0.8 ± 0.6	14.0 ± 1.0	*
	2350	1800	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.5	1.5 ± 0.6	6.5 ± 0.7	*
	2350	1900	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.8	5.1 ± 1.5	
	2400	1600	0.0 - 0.5	6.0 ± 3.0	2.6 ± 0.6	2.1 ± 0.8	76.0 ± 3.0	*
	2400	1650	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.6	2.0 ± 0.8	9.0 ± 1.0	*
	2400	1700	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.4	1.6 ± 0.6	38.0 ± 2.0	*
	2400	1800	0.0 - 0.5	< 8.0 ± 0.0	1.2 ± 0.4	1.0 ± 0.7	15.0 ± 2.0	*
	2400	1850	0.0 - 0.5	< 5.0 ± 0.0	1.5 ± 0.5	1.2 ± 0.6	0.9 ± 0.6	
	2450	1600	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.7	14.0 ± 2.0	*
	2450	1700	0.0 - 0.5	< 9.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	45.0 ± 2.0	*
	2450	1750	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	1.1 ± 0.5	8.0 ± 1.0	*
	2450	1800	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0	7.0 ± 1.0	*
	2500	1550	0.0 - 0.5	6.0 ± 5.0	2.9 ± 0.7	2.5 ± 0.8	81.0 ± 5.0	*
	2500	1600	0.0 - 0.5	< 8.0 ± 0.0	2.0 ± 0.5	1.7 ± 0.6	21.0 ± 3.0	*
	2500	1650	0.0 - 0.5	< 9.0 ± 0.0	1.3 ± 0.4	2.5 ± 0.9	1.0 ± 0.5	
	2500	1700	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.8	2.0 ± 0.5	
	2500	1800	0.0 - 0.5	< 5.0 ± 0.0	1.8 ± 0.5	1.7 ± 0.6	3.3 ± 1.2	

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2523	1550	0.0 - 0.5	< 5.0 ± 0.0	1.8 ± 0.5	1.7 ± 0.6	20.0 ± 2.0	*
	2530	1520	0.0 - 0.5	-a-	-a-	-a-	31.0 ± 2.0	*
	2531	1600	0.0 - 0.5	-a-	-a-	-a-	30.0 ± 2.0	*
	2538	1650	0.0 - 0.5	-a-	-a-	-a-	18.0 ± 1.0	*
	2542	1700	0.0 - 0.5	-a-	-a-	-a-	21.0 ± 1.0	*
	2545	1800	0.0 - 0.5	-a-	-a-	-a-	5.5 ± 0.5	
	2550	1700	0.0 - 0.5	< 8.0 ± 0.0	0.9 ± 0.4	3.0 ± 1.0	4.1 ± 0.7	
	2550	1750	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.4	0.7 ± 0.5	5.1 ± 0.7	
	2550	1800	0.0 - 0.5	8.0 ± 2.0	0.9 ± 0.4	2.0 ± 0.6	3.2 ± 0.8	
	2558	1850	0.0 - 0.5	-a-	-a-	-a-	4.2 ± 0.5	
	2559	1900	0.0 - 0.5	-a-	-a-	-a-	5.0 ± 0.7	
	2563	1950	0.0 - 0.5	-a-	-a-	-a-	4.3 ± 0.5	
	2563	2000	0.0 - 0.5	-a-	-a-	-a-	4.1 ± 0.6	
	2564	2050	0.0 - 0.5	-a-	-a-	-a-	3.4 ± 0.5	
	2570	2100	0.0 - 0.5	-a-	-a-	-a-	1.9 ± 0.7	
	2578	2150	0.0 - 0.5	-a-	-a-	-a-	2.9 ± 0.4	
	2582	2200	0.0 - 0.5	-a-	-a-	-a-	4.8 ± 0.7	
	2585	2250	0.0 - 0.5	-a-	-a-	-a-	1.8 ± 0.3	
	2590	2400	0.0 - 0.5	-a-	-a-	-a-	1.8 ± 0.3	
	2593	2300	0.0 - 0.5	-a-	-a-	-a-	2.5 ± 0.4	
	2594	2350	0.0 - 0.5	-a-	-a-	-a-	1.9 ± 0.4	
	2600	1500	0.0 - 0.5	6.0 ± 3.0	2.6 ± 0.6	1.4 ± 0.8	77.0 ± 2.0	*
	2600	1600	0.0 - 0.5	< 5.0 ± 0.0	1.0 ± 0.4	1.3 ± 0.6	11.0 ± 1.0	*
	2600	1650	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.5	2.6 ± 0.8	6.1 ± 0.7	S
	2600	1700	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.5	1.3 ± 0.7	33.0 ± 2.0	*
	2600	1800	0.0 - 0.5	< 8.0 ± 0.0	1.7 ± 0.5	0.7 ± 0.6	10.0 ± 1.0	*
	2600	2000	0.0 - 0.5	< 8.0 ± 0.0	1.7 ± 0.6	2.0 ± 0.7	1.5 ± 0.3	
	2600	2200	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.9 ± 0.4	
	2650	1500	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.5	2.1 ± 0.7	4.0 ± 1.0	

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2650	1550	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.7	14.0 ± 1.0	*
	2650	1600	0.0 - 0.5	< 8.0 ± 0.0	1.3 ± 0.5	2.3 ± 0.7	14.0 ± 1.0	*
	2650	1700	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.7	4.3 ± 0.6	
	2650	1750	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.5	0.9 ± 0.7	5.4 ± 0.7	
	2700	1450	0.0 - 0.5	< 9.0 ± 0.0	2.8 ± 0.6	2.0 ± 0.7	60.0 ± 2.0	*
	2700	1500	0.0 - 0.5	< 5.0 ± 0.0	2.0 ± 0.5	1.4 ± 0.6	5.3 ± 0.6	
	2700	1600	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.6	2.1 ± 0.8	26.0 ± 1.0	*
	2700	1650	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.5	2.4 ± 0.8	18.0 ± 1.0	*
B53C42	2700	1700	0.0 - 0.5	< 5.0 ± 0.0	1.0 ± 0.5	0.9 ± 0.7	12.0 ± 1.0	*
	2700	1800	0.0 - 0.5	< 8.0 ± 0.0	0.8 ± 0.5	3.0 ± 1.0	1.9 ± 0.4	
	2700	2000	0.0 - 0.5	< 7.0 ± 0.0	2.3 ± 0.8	2.0 ± 1.0	5.6 ± 0.8	S
	2700	2200	0.0 - 0.5	< 6.0 ± 0.0	0.9 ± 0.5	1.2 ± 0.8	0.9 ± 0.4	
	2750	1500	0.0 - 0.5	< 10.0 ± 0.0	0.8 ± 0.5	3.0 ± 1.0	8.0 ± 1.0	*
	2750	1550	0.0 - 0.5	< 6.0 ± 0.0	0.9 ± 0.5	1.7 ± 0.7	24.0 ± 2.0	*
	2750	1600	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	12.0 ± 1.0	*
	2750	1700	0.0 - 0.5	< 9.0 ± 0.0	0.9 ± 0.5	3.0 ± 1.0	6.5 ± 0.6	*
	2800	1450	0.0 - 0.5	< 6.0 ± 0.0	1.5 ± 0.5	1.9 ± 0.7	11.0 ± 1.0	*
	2800	1500	0.0 - 0.5	< 9.0 ± 0.0	2.0 ± 0.5	2.4 ± 0.8	15.0 ± 1.0	*
	2800	1600	0.0 - 0.5	< 4.0 ± 0.0	1.0 ± 0.5	1.5 ± 0.7	6.5 ± 0.7	*
	2800	1650	0.0 - 0.5	< 5.0 ± 0.0	0.9 ± 0.5	1.8 ± 0.7	3.5 ± 0.5	
	2800	1700	0.0 - 0.5	< 6.0 ± 0.0	1.9 ± 0.5	2.4 ± 0.7	8.1 ± 0.6	*
	2800	1800	0.0 - 0.5	< 8.0 ± 0.0	1.1 ± 0.5	1.1 ± 0.5	10.0 ± 1.0	*
	2800	2000	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.6	1.0 ± 0.8	3.3 ± 0.5	
	2800	2200	0.0 - 0.5	< 10.0 ± 0.0	1.4 ± 0.8	3.0 ± 1.0	1.7 ± 0.5	
	2839	1939	0.0 - 0.5	< 11.0 ± 0.0	1.0 ± 0.6	1.7 ± 0.8	1.2 ± 0.3	
	2850	1400	0.0 - 0.5	< 7.0 ± 0.0	1.0 ± 0.6	1.2 ± 0.8	23.0 ± 1.0	*
	2850	1500	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.8	13.0 ± 1.0	*
	2850	1550	0.0 - 0.5	< 9.0 ± 0.0	1.1 ± 0.5	2.3 ± 0.9	37.0 ± 2.0	*
	2850	1600	0.0 - 0.5	< 5.0 ± 0.0	2.0 ± 0.5	1.4 ± 0.7	14.0 ± 1.0	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2850	1700	0.0 - 0.5	< 6.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.7	13.0 ± 1.0	*
	2863	2014	0.0 - 0.5	< 10.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	2.0 ± 0.6	
	2896	1956	0.0 - 0.5	< 10.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	1.2 ± 0.4	
	2900	1400	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.4	1.6 ± 0.7	12.0 ± 1.0	*
	2900	1450	0.0 - 0.5	< 4.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.6	12.0 ± 1.0	*
	2900	1500	0.0 - 0.5	< 7.0 ± 0.0	2.2 ± 0.6	1.5 ± 0.8	13.0 ± 1.0	*
	2900	1600	0.0 - 0.5	< 9.0 ± 0.0	1.5 ± 0.5	2.1 ± 0.8	7.0 ± 1.0	*
	2900	1650	0.0 - 0.5	5.0 ± 4.0	2.5 ± 0.5	1.4 ± 0.7	6.0 ± 1.0	S
	2900	1800	0.0 - 0.5	< 6.0 ± 0.0	0.9 ± 0.6	1.7 ± 0.8	1.3 ± 0.5	
	2900	2000	0.0 - 0.5	< 8.0 ± 0.0	0.9 ± 0.7	1.4 ± 0.9	1.0 ± 0.4	
	2900	2200	0.0 - 0.5	< 7.0 ± 0.0	1.5 ± 0.6	1.5 ± 0.6	1.7 ± 0.4	
	2936	1927	0.0 - 0.5	< 9.0 ± 0.0	1.7 ± 0.5	3.0 ± 1.0	1.4 ± 0.4	
	2950	1500	0.0 - 0.5	5.0 ± 3.0	1.0 ± 0.5	1.1 ± 0.7	8.0 ± 1.0	*
	2950	1550	0.0 - 0.5	< 9.0 ± 0.0	1.3 ± 0.5	2.4 ± 0.8	8.0 ± 1.0	*
	2950	1600	0.0 - 0.5	6.0 ± 3.0	1.2 ± 0.5	2.1 ± 0.7	10.0 ± 1.0	*
	2950	2227	0.0 - 0.5	< 6.0 ± 0.0	1.5 ± 0.5	2.0 ± 0.8	1.4 ± 0.3	
	2990	2264	0.0 - 0.5	< 8.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	2.4 ± 0.7	
	2992	2231	0.0 - 0.5	< 9.0 ± 0.0	1.7 ± 0.6	1.5 ± 0.8	1.5 ± 0.3	
	3000	1400	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.4	0.8 ± 0.7	8.0 ± 2.0	*
	3000	1450	0.0 - 0.5	< 8.0 ± 0.0	1.4 ± 0.4	1.0 ± 0.6	6.0 ± 2.0	
	3000	1500	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.7	4.8 ± 0.8	
	3000	1600	0.0 - 0.5	< 5.0 ± 0.0	1.7 ± 0.5	1.0 ± 0.7	7.0 ± 1.0	*
	3000	1800	0.0 - 0.5	< 5.0 ± 0.0	0.9 ± 0.4	1.4 ± 0.8	7.9 ± 0.7	*
	3000	2000	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0	2.9 ± 0.5	
	3000	2200	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	1.0 ± 0.3	
	3033	2234	0.0 - 0.5	< 6.0 ± 0.0	0.6 ± 0.4	1.0 ± 0.8	1.3 ± 0.6	
	3050	1300	0.0 - 0.5	< 8.0 ± 0.0	1.8 ± 0.5	1.3 ± 0.6	60.0 ± 3.0	*
	3050	1350	0.0 - 0.5	< 4.0 ± 0.0	1.1 ± 0.4	2.0 ± 0.6	4.5 ± 0.7	
B16C43	3050	1400	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.5	2.4 ± 0.8	4.6 ± 0.6	

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Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3050	1500	0.0 - 0.5	12.0 ± 4.0	1.7 ± 0.5	2.6 ± 0.9	4.7 ± 0.7	S
	3050	1550	0.0 - 0.5	< 5.0 ± 0.0	1.0 ± 0.5	2.0 ± 0.7	2.0 ± 1.0	
B16 R119	3050	1600	0.0 - 0.5	18.0 ± 4.0	2.1 ± 0.5	2.0 ± 0.8	2.4 ± 1.2	
	3065	1783	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.5	1.8 ± 0.8	2.1 ± 0.7	
	3080	1843	0.0 - 0.5	< 9.0 ± 0.0	1.1 ± 0.6	1.6 ± 0.7	1.3 ± 0.6	
	3100	1300	0.0 - 0.5	< 7.0 ± 0.0	1.8 ± 0.6	2.1 ± 0.7	14.0 ± 1.0	*
	3100	1400	0.0 - 0.5	< 9.0 ± 0.0	1.7 ± 0.5	1.7 ± 0.8	1.7 ± 1.0	
	3100	1450	0.0 - 0.5	< 6.0 ± 0.0	1.9 ± 0.6	1.9 ± 0.7	8.0 ± 2.0	*
	3100	1500	0.0 - 0.5	< 10.0 ± 0.0	1.0 ± 0.5	4.0 ± 1.0	5.0 ± 1.0	S
	3100	1800	0.0 - 0.5	< 5.0 ± 0.0	1.7 ± 0.5	1.9 ± 0.7	1.8 ± 0.4	
	3100	2200	0.0 - 0.5	< 7.0 ± 0.0	2.1 ± 0.7	3.0 ± 1.0	2.0 ± 0.4	
	3112	2000	0.0 - 0.5	< 9.0 ± 0.0	< 0.5 ± 0.0	3.0 ± 1.0	1.8 ± 0.4	
	3119	1771	0.0 - 0.5	< 8.0 ± 0.0	1.2 ± 0.5	3.0 ± 1.0	3.4 ± 0.9	
	3140	1828	0.0 - 0.5	< 9.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.9	1.7 ± 0.6	
	3150	1300	0.0 - 0.5	< 6.0 ± 0.0	1.9 ± 0.5	1.1 ± 0.7	10.0 ± 2.0	*
	3150	1350	0.0 - 0.5	< 5.0 ± 0.0	0.8 ± 0.4	1.3 ± 0.6	2.5 ± 0.5	
	3150	1400	0.0 - 0.5	< 9.0 ± 0.0	1.3 ± 0.5	1.9 ± 0.9	4.2 ± 0.5	
	3150	1500	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.5	0.9 ± 0.7	7.2 ± 0.9	*
	3150	1550	0.0 - 0.5	< 5.0 ± 0.0	1.7 ± 0.5	1.2 ± 0.8	6.1 ± 0.7	
	3150	1600	0.0 - 0.5	-a-	-a-	-a-	3.3 ± 0.5	
	3150	1650	0.0 - 0.5	-a-	-a-	-a-	2.9 ± 0.4	
	3150	1700	0.0 - 0.5	-a-	-a-	-a-	5.9 ± 0.5	
	3150	1750	0.0 - 0.5	-a-	-a-	-a-	1.6 ± 0.3	
	3150	1800	0.0 - 0.5	-a-	-a-	-a-	1.0 ± 0.2	
	3150	1850	0.0 - 0.5	-a-	-a-	-a-	1.5 ± 0.3	
	3150	1900	0.0 - 0.5	-a-	-a-	-a-	1.9 ± 0.3	
	3150	1950	0.0 - 0.5	-a-	-a-	-a-	1.4 ± 0.3	
	3150	2000	0.0 - 0.5	-a-	-a-	-a-	2.0 ± 0.3	
	3150	2050	0.0 - 0.5	-a-	-a-	-a-	2.7 ± 0.3	

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Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3150	2150	0.0 - 0.5	-a-	-a-	-a-	1.4 ± 0.3	
	3150	2200	0.0 - 0.5	-a-	-a-	-a-	1.1 ± 0.3	
	3150	2250	0.0 - 0.5	-a-	-a-	-a-	1.1 ± 0.3	
	3150	2300	0.0 - 0.5	-a-	-a-	-a-	2.0 ± 0.5	
	3150	2350	0.0 - 0.5	-a-	-a-	-a-	2.9 ± 0.4	
	3150	2400	0.0 - 0.5	-a-	-a-	-a-	2.7 ± 0.5	
	3150	2450	0.0 - 0.5	-a-	-a-	-a-	1.6 ± 0.3	
	3150	2500	0.0 - 0.5	-a-	-a-	-a-	1.3 ± 0.3	
	3150	2550	0.0 - 0.5	-a-	-a-	-a-	1.2 ± 0.5	
	3150	2600	0.0 - 0.5	-a-	-a-	-a-	1.4 ± 0.3	
	3150	2650	0.0 - 0.5	-a-	-a-	-a-	1.4 ± 0.3	
	3150	2700	0.0 - 0.5	-a-	-a-	-a-	1.3 ± 0.3	
	3154	2243	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.5	2.2 ± 0.8	1.3 ± 0.5	
	3200	1250	0.0 - 0.5	< 10.0 ± 0.0	2.0 ± 0.6	1.7 ± 0.7	49.0 ± 2.0	*
	3200	1300	0.0 - 0.5	< 6.0 ± 0.0	1.8 ± 0.5	1.5 ± 0.8	2.7 ± 0.5	
B53C43	3200	1400	0.0 - 0.5	< 9.0 ± 0.0	0.8 ± 0.5	1.2 ± 0.7	3.4 ± 0.6	
	3200	1450	0.0 - 0.5	< 9.0 ± 0.0	1.4 ± 0.5	2.0 ± 1.0	3.8 ± 0.6	
	3200	1500	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.5	1.2 ± 0.7	3.9 ± 0.5	
	3200	1800	0.0 - 0.5	< 9.0 ± 0.0	1.5 ± 0.5	3.0 ± 1.0	2.2 ± 0.4	
	3200	2000	0.0 - 0.5	< 12.0 ± 0.0	1.9 ± 0.7	2.0 ± 1.0	1.8 ± 0.4	
	3200	2200	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.5	1.9 ± 0.8	0.7 ± 0.2	
	3205	2235	0.0 - 0.5	< 5.0 ± 0.0	1.5 ± 0.5	0.9 ± 0.7	1.2 ± 0.3	
	3209	2277	0.0 - 0.5	< 6.0 ± 0.0	0.5 ± 0.5	1.3 ± 0.7	1.6 ± 0.4	
	3240	2231	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	1.8 ± 0.3	
	3250	1300	0.0 - 0.5	< 7.0 ± 0.0	1.0 ± 0.4	1.8 ± 0.6	11.0 ± 1.0	*
	3250	1350	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.5	1.8 ± 0.7	8.0 ± 1.0	*
	3250	1400	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.7	7.5 ± 0.7	*
	3250	1500	0.0 - 0.5	< 7.0 ± 0.0	1.8 ± 0.6	1.3 ± 0.8	5.7 ± 0.8	
	3300	1250	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.5	1.9 ± 0.6	6.6 ± 0.8	*

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Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3300	1300	0.0 - 0.5	< 8.0 ± 0.0	2.0 ± 0.5	1.6 ± 0.6	10.0 ± 1.0	*
	3300	1400	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.7	5.0 ± 0.7	
	3300	1450	0.0 - 0.5	< 10.0 ± 0.0	1.0 ± 0.6	1.8 ± 0.7	8.0 ± 1.0	*
	3300	1500	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.4	2.1 ± 0.7	4.0 ± 0.8	
	3300	1800	0.0 - 0.5	< 6.0 ± 0.0	1.1 ± 0.5	2.3 ± 0.7	3.4 ± 0.5	
	3300	2000	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	2.1 ± 0.4	
	3300	2200	0.0 - 0.5	< 6.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.9	2.3 ± 0.5	
	3350	1200	0.0 - 0.5	< 8.0 ± 0.0	1.1 ± 0.5	1.4 ± 0.6	3.9 ± 0.6	
	3350	1300	0.0 - 0.5	< 6.0 ± 0.0	1.5 ± 0.4	1.1 ± 0.6	1.3 ± 0.4	
	3350	1350	0.0 - 0.5	< 4.0 ± 0.0	1.5 ± 0.5	1.6 ± 0.7	1.1 ± 0.3	
	3350	1400	0.0 - 0.5	< 6.0 ± 0.0	1.1 ± 0.4	1.6 ± 0.7	1.0 ± 0.3	
B16 R152	3400	1200	0.0 - 0.5	< 7.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.7	1.9 ± 0.5	
	3400	1250	0.0 - 0.5	< 8.0 ± 0.0	1.0 ± 0.4	1.9 ± 0.7	1.4 ± 0.3	
	3400	1300	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.5	1.5 ± 0.7	1.1 ± 0.3	
B16 C148	3400	1400	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	1.5 ± 0.6	1.2 ± 0.3	
	3400	1450	0.0 - 0.5	< 7.0 ± 0.0	1.3 ± 0.4	1.3 ± 0.6	1.1 ± 0.2	
B16 C145	3400	1800	0.0 - 0.5	< 5.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.6	5.2 ± 0.6	
	3400	2000	0.0 - 0.5	< 11.0 ± 0.0	2.4 ± 0.7	2.0 ± 1.0	3.6 ± 0.6	
	3400	2200	0.0 - 0.5	< 7.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	2.6 ± 0.4	
	3450	1150	0.0 - 0.5	< 4.0 ± 0.0	1.4 ± 0.5	1.4 ± 0.7	16.0 ± 2.0	*
	3450	1200	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	1.4 ± 0.6	1.0 ± 0.3	
	3450	1300	0.0 - 0.5	< 4.0 ± 0.0	1.7 ± 0.5	1.9 ± 0.6	1.4 ± 0.5	
	3450	1350	0.0 - 0.5	< 8.0 ± 0.0	1.2 ± 0.4	1.2 ± 0.7	0.9 ± 0.4	
	3450	1400	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.4	2.3 ± 0.7	1.0 ± 0.7	
	3500	1106	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.6	1.7 ± 0.7	17.0 ± 2.0	*
	3500	1200	0.0 - 0.5	< 11.0 ± 0.0	1.6 ± 0.6	2.3 ± 0.9	2.2 ± 0.6	
	3500	1250	0.0 - 0.5	< 5.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.7	< 0.1 ± 0.0	
	3500	1300	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.6	1.6 ± 0.8	8.7 ± 0.9	*
	3500	1400	0.0 - 0.5	< 12.0 ± 0.0	2.0 ± 0.8	2.6 ± 0.9	0.9 ± 0.5	

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
B16 R145	3500	1500	0.0 - 0.5	< 11.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.5 ± 0.6	
	3500	1600	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.6	1.0 ± 0.9	1.8 ± 0.6	
B16 R141	3500	1700	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.6	2.0 ± 1.0	16.0 ± 1.0	*
	3500	1800	0.0 - 0.5	< 9.0 ± 0.0	1.5 ± 0.5	1.7 ± 0.8	3.0 ± 1.0	
	3500	1900	0.0 - 0.5	< 11.0 ± 0.0	2.1 ± 0.6	-a-	3.9 ± 0.8	
	3500	2000	0.0 - 0.5	< 6.0 ± 0.0	2.2 ± 0.6	1.3 ± 0.8	1.2 ± 0.6	
	3500	2100	0.0 - 0.5	< 12.0 ± 0.0	1.6 ± 0.6	2.0 ± 0.9	2.9 ± 0.5	
	3500	2200	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.6	3.0 ± 1.0	2.6 ± 0.4	
	3500	2300	0.0 - 0.5	< 12.0 ± 0.0	1.5 ± 0.6	< 2.0 ± 0.0	2.3 ± 0.4	
	3500	2400	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.6	1.7 ± 0.8	2.5 ± 0.6	
	3500	2500	0.0 - 0.5	< 7.0 ± 0.0	1.3 ± 0.6	1.4 ± 0.8	1.5 ± 0.6	
	3500	2600	0.0 - 0.5	< 13.0 ± 0.0	1.7 ± 0.7	< 1.0 ± 0.0	2.1 ± 0.6	
	3500	2700	0.0 - 0.5	< 7.0 ± 0.0	1.9 ± 0.6	1.6 ± 0.8	1.8 ± 0.7	
	3500	2800	0.0 - 0.5	< 11.0 ± 0.0	1.8 ± 0.5	4.0 ± 1.0	0.8 ± 0.5	
	3500	2900	0.0 - 0.5	< 8.0 ± 0.0	1.2 ± 0.4	< 1.0 ± 0.0	1.8 ± 0.7	
	3500	3035	0.0 - 0.5	< 9.0 ± 0.0	2.0 ± 0.6	< 1.0 ± 0.0	2.8 ± 0.5	
	3500	3100	0.0 - 0.5	< 7.0 ± 0.0	1.7 ± 0.5	1.7 ± 0.7	1.2 ± 0.3	
	3550	1100	0.0 - 0.5	< 5.0 ± 0.0	2.1 ± 0.5	1.1 ± 0.7	29.0 ± 2.0	*
	3550	1150	0.0 - 0.5	< 7.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.7	12.0 ± 1.0	*
	3550	1200	0.0 - 0.5	< 10.0 ± 0.0	1.7 ± 0.6	2.1 ± 0.8	14.0 ± 1.0	*
	3550	1300	0.0 - 0.5	< 9.0 ± 0.0	1.0 ± 0.5	4.0 ± 1.0	1.5 ± 0.3	
	3550	1350	0.0 - 0.5	< 4.0 ± 0.0	1.5 ± 0.4	1.2 ± 0.6	0.6 ± 0.4	
	3550	1400	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.4	1.9 ± 0.7	1.0 ± 0.4	
	3600	1100	0.0 - 0.5	< 7.0 ± 0.0	1.4 ± 0.7	1.2 ± 0.8	-a-	
	3600	1150	0.0 - 0.5	< 8.0 ± 0.0	1.7 ± 0.5	1.5 ± 0.6	36.0 ± 2.0	*
	3600	1200	0.0 - 0.5	< 4.0 ± 0.0	1.5 ± 0.5	1.5 ± 0.6	13.0 ± 2.0	*
	3600	1250	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.4	1.6 ± 0.6	1.6 ± 0.3	
	3600	1300	0.0 - 0.5	< 9.0 ± 0.0	0.8 ± 0.5	2.0 ± 0.7	1.4 ± 0.5	
	3600	1800	0.0 - 0.5	< 9.0 ± 0.0	1.6 ± 0.5	1.6 ± 0.7	6.0 ± 1.0	S

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3600	2000	0.0 - 0.5	< 7.0 ± 0.0	< 0.5 ± 0.0	0.7 ± 0.7	1.7 ± 0.3	
	3600	2200	0.0 - 0.5	< 8.0 ± 0.0	1.4 ± 0.6	1.0 ± 1.0	4.2 ± 0.6	
	3609	1100	0.0 - 0.5	< 11.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	17.0 ± 2.0	*
	3626	1300	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.6	1.3 ± 0.8	14.0 ± 1.0	*
	3643	1500	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.7	1.6 ± 0.8	11.0 ± 1.0	*
	3660	1700	0.0 - 0.5	< 10.0 ± 0.0	2.1 ± 0.6	1.3 ± 0.8	12.0 ± 1.0	*
	3665	1800	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.6	1.3 ± 0.8	15.0 ± 1.0	*
	3674	1900	0.0 - 0.5	< 8.0 ± 0.0	2.1 ± 0.8	1.9 ± 0.9	120.0 ± 10.0	*
	3676	2000	0.0 - 0.5	< 9.0 ± 0.0	2.4 ± 0.6	1.8 ± 0.8	44.0 ± 2.0	*
	3683	2100	0.0 - 0.5	< 12.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	28.0 ± 2.0	*
	3691	2200	0.0 - 0.5	< 9.0 ± 0.0	1.6 ± 0.7	2.1 ± 0.9	65.0 ± 2.0	*
	3697	2300	0.0 - 0.5	< 11.0 ± 0.0	1.4 ± 0.8	2.0 ± 1.0	33.0 ± 1.0	*
	3709	2500	0.0 - 0.5	< 10.0 ± 0.0	2.1 ± 0.7	3.0 ± 1.0	4.5 ± 0.6	S
	3722	2700	0.0 - 0.5	< 11.0 ± 0.0	3.1 ± 0.7	1.8 ± 0.9	3.9 ± 1.1	
	3729	2850	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.6	2.3 ± 0.9	13.0 ± 1.0	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	900	1000	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.8	3.0 ± 1.0	61.0 ± 2.0	*
	1000	1000	0.0 - 0.5	< 12.0 ± 0.0	2.9 ± 0.7	1.6 ± 0.9	-a-	
	1100	1000	0.0 - 0.5	< 5.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.7	6.1 ± 0.8	S
	1200	1000	0.0 - 0.5	< 7.0 ± 0.0	2.0 ± 0.8	1.4 ± 1.1	27.0 ± 3.0	*
	1300	1000	0.0 - 0.5	< 12.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	-a-	
	1400	1000	0.0 - 0.5	< 7.0 ± 0.0	1.0 ± 0.8	1.6 ± 1.1	-a-	
	1500	1000	0.0 - 0.5	< 7.0 ± 0.0	1.5 ± 0.8	2.0 ± 1.0	3.0 ± 0.5	
	1600	1000	0.0 - 0.5	< 5.0 ± 0.0	2.1 ± 0.6	1.8 ± 0.7	-a-	
	1700	1000	0.0 - 0.5	< 8.0 ± 0.0	2.0 ± 0.5	2.1 ± 0.8	-a-	
B53C12	1800	1000	0.0 - 0.5	< 4.0 ± 0.0	0.8 ± 0.3	0.8 ± 0.3	86.0 ± 12.0	*
	1900	1000	0.0 - 0.5	< 9.0 ± 0.0	2.2 ± 0.5	3.0 ± 1.0	-a-	
	2000	1000	0.0 - 0.5	9.0 ± 6.0	6.0 ± 1.0	1.4 ± 0.7	-a-	*
	2100	1000	0.0 - 0.5	14.0 ± 4.0	7.0 ± 1.0	2.0 ± 0.8	330.0 ± 30.0	*
	2200	1000	0.0 - 0.5	< 7.0 ± 0.0	2.9 ± 0.6	< 1.0 ± 0.0	-a-	
	2300	1000	0.0 - 0.5	20.0 ± 8.0	7.0 ± 1.0	2.0 ± 0.8	-a-	*
	2400	1000	0.0 - 0.5	< 8.0 ± 0.0	2.4 ± 0.5	2.2 ± 0.7	69.0 ± 8.0	*
	2500	1000	0.0 - 0.5	6.0 ± 5.0	1.7 ± 0.5	1.5 ± 0.7	-a-	
	2600	1000	0.0 - 0.5	< 8.0 ± 0.0	1.4 ± 0.4	2.7 ± 0.8	-a-	
	2700	1000	0.0 - 0.5	94.0 ± 14.0	28.0 ± 2.0	< 1.0 ± 0.0	910.0 ± 100.0	*
	2800	1000	0.0 - 0.5	20.0 ± 8.0	5.0 ± 1.0	1.7 ± 0.8	-a-	S
	2800	1200	0.0 - 0.5	< 9.0 ± 0.0	2.5 ± 0.6	2.4 ± 0.6	160.0 ± 10.0	*
	2800	1250	0.0 - 0.5	< 6.0 ± 0.0	2.1 ± 0.7	1.7 ± 0.8	89.0 ± 5.0	*
	2800	1300	0.0 - 0.5	< 6.0 ± 0.0	1.5 ± 0.5	0.9 ± 0.6	120.0 ± 10.0	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2850	1100	0.0 - 0.5	39.0 ± 10.0	13.0 ± 1.0	0.9 ± 0.8	120.0 ± 10.0	*
	2850	1150	0.0 - 0.5	14.0 ± 6.0	2.3 ± 0.5	1.1 ± 0.6	150.0 ± 10.0	*
	2850	1200	0.0 - 0.5	< 7.0 ± 0.0	2.1 ± 0.6	1.7 ± 0.6	74.0 ± 2.0	*
	2850	1300	0.0 - 0.5	15.0 ± 6.0	5.0 ± 1.0	1.7 ± 0.7	230.0 ± 10.0	*
	2900	1000	0.0 - 0.5	25.0 ± 5.0	6.0 ± 1.0	2.6 ± 0.9	-a-	*
	2900	1200	0.0 - 0.5	< 5.0 ± 0.0	1.7 ± 0.5	1.3 ± 0.7	47.0 ± 4.0	*
	2900	1250	0.0 - 0.5	< 6.0 ± 0.0	1.8 ± 0.5	1.3 ± 0.5	90.0 ± 3.0	*
	2950	1000	0.0 - 0.5	30.0 ± 10.0	37.0 ± 2.0	< 1.0 ± 0.0	2200 ± 100.0	*
	2950	1100	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.4	1.5 ± 0.6	17.0 ± 1.0	*
	2950	1150	0.0 - 0.5	< 14.0 ± 0.0	3.3 ± 0.9	1.5 ± 0.8	-a-	
	2950	1200	0.0 - 0.5	7.0 ± 5.0	1.6 ± 0.4	1.2 ± 0.6	40.0 ± 2.0	*
	2950	1250	0.0 - 0.5	< 10.0 ± 0.0	1.1 ± 0.4	2.2 ± 0.8	10.0 ± 1.0	*
	3000	1000	0.0 - 0.5	16.0 ± 7.0	7.0 ± 1.0	1.8 ± 0.7	380.0 ± 10.0	*
B16 C143	3000	1050	0.0 - 0.5	12.0 ± 7.0	3.9 ± 0.7	1.2 ± 0.6	170.0 ± 10.0	*
	3000	1100	0.0 - 0.5	< 8.0 ± 0.0	1.0 ± 0.4	2.1 ± 0.7	11.0 ± 1.0	*
	3000	1200	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.4	1.5 ± 0.6	43.0 ± 2.0	*
	3050	1000	0.0 - 0.5	< 8.0 ± 0.0	1.4 ± 0.4	2.0 ± 0.6	27.0 ± 1.0	*
	3050	1100	0.0 - 0.5	< 9.0 ± 0.0	1.3 ± 0.5	2.0 ± 0.7	6.7 ± 0.6	*
	3050	1150	0.0 - 0.5	6.0 ± 3.0	1.5 ± 0.4	1.3 ± 0.5	57.0 ± 1.0	*
	3050	1200	0.0 - 0.5	< 4.0 ± 0.0	1.7 ± 0.4	1.8 ± 0.6	40.0 ± 1.0	*
	3100	1000	0.0 - 0.5	18.0 ± 6.0	4.0 ± 0.7	2.0 ± 0.6	230.0 ± 10.0	*
	3100	1050	0.0 - 0.5	< 8.0 ± 0.0	1.8 ± 0.5	2.0 ± 0.8	11.0 ± 1.0	*
	3100	1100	0.0 - 0.5	< 7.0 ± 0.0	0.9 ± 0.4	2.3 ± 0.7	1.4 ± 0.4	
	3150	1000	0.0 - 0.5	23.0 ± 6.0	5.0 ± 1.0	1.8 ± 0.8	280.0 ± 10.0	*
	3150	1100	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.6	47.0 ± 2.0	*
	3150	1150	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.4	2.1 ± 0.6	38.0 ± 2.0	*
	3200	1000	0.0 - 0.5	11.0 ± 4.0	3.7 ± 0.7	2.2 ± 0.6	230.0 ± 10.0	*
	3200	1050	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.5	2.1 ± 0.7	18.0 ± 1.0	*
	3200	1100	0.0 - 0.5	< 9.0 ± 0.0	1.4 ± 0.4	1.4 ± 0.5	40.0 ± 3.0	*

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3250	1000	0.0 - 0.5	8.0 ± 3.0	3.0 ± 0.6	0.9 ± 0.7	130.0 ± 10.0 *
	3250	1100	0.0 - 0.5	< 4.0 ± 0.0	0.9 ± 0.4	1.0 ± 0.5	33.0 ± 4.0 *
	3300	1000	0.0 - 0.5	< 6.0 ± 0.0	3.2 ± 0.6	1.6 ± 0.7	130.0 ± 10.0 *
	3300	1050	0.0 - 0.5	21.0 ± 7.0	7.0 ± 1.0	2.5 ± 0.8	380.0 ± 10.0 *
	3300	1100	0.0 - 0.5	< 7.0 ± 0.0	2.2 ± 0.7	1.3 ± 0.8	130.0 ± 10.0 *
	3350	1000	0.0 - 0.5	< 5.0 ± 0.0	5.0 ± 1.0	2.4 ± 0.9	270.0 ± 10.0 *
	3400	1000	0.0 - 0.5	< 11.0 ± 0.0	5.0 ± 1.0	1.2 ± 0.6	210.0 ± 10.0 *
	3400	1050	0.0 - 0.5	< 6.0 ± 0.0	2.8 ± 0.5	1.0 ± 0.6	110.0 ± 10.0 *
	3450	1000	0.0 - 0.5	< 6.0 ± 0.0	2.4 ± 0.5	2.1 ± 0.5	51.0 ± 4.0 *
	3500	1000	0.0 - 0.5	5.0 ± 3.0	2.8 ± 0.6	3.0 ± 0.9	90.0 ± 4.0 *
	3550	1000	0.0 - 0.5	< 6.0 ± 0.0	2.6 ± 0.5	0.9 ± 0.6	130.0 ± 10.0 *

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Table 3-17 Historic Sampling Data
Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - St. Louis Airport Authority

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1350	650	2.0 - 3.0	< 3.0 ± 0.0	0.8 ± 0.5	1.7 ± 0.7	0.8 ± 0.3
	1400	750	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.9	1.9 ± 0.4
	1400	800	2.0 - 3.0	< 3.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	1.3 ± 0.6
	1450	700	2.0 - 3.0	< 4.0 ± 0.0	2.0 ± 0.8	2.0 ± 0.1	1.2 ± 0.3
	1500	800	1.0 - 2.0	< 3.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	1.4 ± 0.3
	1550	750	2.0 - 3.0	< 3.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.4 ± 0.3
	1600	800	2.0 - 3.0	< 3.0 ± 0.0	0.9 ± 0.7	2.0 ± 1.0	1.9 ± 1.0
	1650	650	2.0 - 3.0	< 3.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.8	1.1 ± 0.6
	1700	800	2.0 - 3.0	< 7.0 ± 0.0	2.3 ± 0.6	1.7 ± 0.8	1.3 ± 0.6
	1750	750	2.0 - 3.0	< 3.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	2.6 ± 0.8
	1800	800	2.0 - 3.0	< 5.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	1.2 ± 0.3
	1825	600	0.0 - 1.0	< 5.0 ± 0.0	1.4 ± 0.6	1.5 ± 0.7	2.2 ± 0.5
	1825	600	2.0 - 3.0	< 10.0 ± 0.0	1.3 ± 0.5	4.0 ± 1.0	1.3 ± 0.3
	1825	640	0.0 - 1.0	< 10.0 ± 0.0	1.4 ± 0.5	3.0 ± 1.0	2.0 ± 0.4
	1825	640	2.0 - 3.0	< 8.0 ± 0.0	1.3 ± 0.4	1.3 ± 0.8	1.4 ± 0.3
	1850	700	2.0 - 3.0	< 3.0 ± 0.0	2.0 ± 0.7	1.5 ± 1.0	1.2 ± 0.4
	1900	800	2.0 - 3.0	< 6.0 ± 0.0	1.6 ± 0.6	1.4 ± 0.8	1.5 ± 0.5
	1950	750	2.0 - 3.0	< 6.0 ± 0.0	1.6 ± 0.6	1.9 ± 0.9	1.4 ± 0.4
	2000	800	2.0 - 3.0	< 4.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	1.1 ± 0.3
	2050	650	2.0 - 3.0	< 3.0 ± 0.0	2.0 ± 0.6	1.7 ± 0.9	1.2 ± 0.3
	2100	800	2.0 - 3.0	< 3.0 ± 0.0	1.6 ± 0.7	2.6 ± 0.9	1.5 ± 0.4
	2150	750	2.0 - 3.0	< 3.0 ± 0.0	2.0 ± 0.6	2.0 ± 1.0	0.9 ± 0.4
	2200	600	0.0 - 1.0	< 5.0 ± 0.0	1.1 ± 0.6	1.1 ± 0.8	3.1 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - St. Louis Airport Authority

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2200	600	2.0 - 3.0	< 5.0 ± 0.0	1.1 ± 0.5	1.8 ± 0.9	1.3 ± 0.6
	2200	650	0.0 - 1.0	< 5.0 ± 0.0	1.0 ± 0.5	1.4 ± 0.6	4.4 ± 0.6
	2200	650	2.0 - 3.0	< 5.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	0.8 ± 0.3
	2200	700	2.0 - 3.0	< 3.0 ± 0.0	1.2 ± 0.5	1.6 ± 0.8	1.0 ± 0.3
	2200	800	0.5 - 1.0	< 6.0 ± 0.0	1.7 ± 0.6	2.1 ± 0.9	3.1 ± 0.4
	2300	800	2.0 - 3.0	< 3.0 ± 0.0	1.5 ± 0.6	0.9 ± 0.8	1.6 ± 0.5
	2325	700	0.0 - 1.0	< 10.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	1.2 ± 0.4
	2325	700	2.0 - 3.0	< 9.0 ± 0.0	1.6 ± 0.6	1.9 ± 0.7	1.7 ± 0.4
	2350	750	2.0 - 3.0	< 3.0 ± 0.0	1.0 ± 0.4	< 1.0 ± 0.0	1.3 ± 0.5
	2400	800	2.0 - 3.0	< 4.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.6 ± 0.4
	2450	650	2.0 - 3.0	< 3.0 ± 0.0	2.2 ± 0.7	1.7 ± 0.9	1.4 ± 0.5
	2500	800	2.0 - 3.0	< 3.0 ± 0.0	1.6 ± 0.6	2.3 ± 0.9	1.7 ± 0.9
	2550	750	2.0 - 3.0	< 3.0 ± 0.0	1.4 ± 0.7	5.0 ± 1.0	0.9 ± 0.5
	2600	800	2.0 - 3.0	< 6.0 ± 0.0	2.1 ± 0.7	0.9 ± 0.8	1.3 ± 0.4
	2650	700	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.6	1.5 ± 0.9	1.0 ± 0.3
	2700	800	2.0 - 3.0	< 5.0 ± 0.0	1.6 ± 0.5	0.8 ± 0.7	1.3 ± 1.1
	2700	845	0.0 - 2.0	< 11.0 ± 0.0	2.2 ± 0.7	3.0 ± 1.0	1.1 ± 0.5
	2700	845	0.0 - 4.0	< 9.0 ± 0.0	2.0 ± 0.7	1.3 ± 0.9	1.1 ± 0.3
	2750	750	2.0 - 3.0	< 3.0 ± 0.0	1.3 ± 0.5	2.0 ± 0.9	1.1 ± 0.4
	2800	800	2.0 - 3.0	< 3.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	1.1 ± 0.3
	2850	650	2.0 - 3.0	< 7.0 ± 0.0	0.9 ± 0.6	1.9 ± 0.9	0.9 ± 0.5
	2900	800	2.0 - 3.0	< 3.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	1.1 ± 0.6
	2950	750	2.0 - 3.0	< 5.0 ± 0.0	1.1 ± 0.6	1.6 ± 0.8	0.8 ± 0.6
	3000	800	2.0 - 3.0	< 3.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.8 ± 0.6
	3025	650	0.0 - 1.0	< 6.0 ± 0.0	2.1 ± 0.6	2.0 ± 1.0	1.4 ± 0.3
	3025	650	2.0 - 3.0	< 9.0 ± 0.0	1.1 ± 0.5	3.0 ± 1.0	1.1 ± 0.3
	3050	700	2.0 - 3.0	< 3.0 ± 0.0	2.4 ± 0.6	2.0 ± 1.0	2.0 ± 0.8
	3100	800	2.0 - 3.0	< 3.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	< 0.7 ± 0.0
	3150	750	2.0 - 3.0	< 4.0 ± 0.0	1.8 ± 0.7	< 1.0 ± 0.0	1.3 ± 0.4

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - St. Louis Airport Authority

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3200	800	2.0 - 3.0	< 3.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	1.2 ± 0.7
	3250	650	2.0 - 3.0	< 3.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	1.3 ± 0.3
	3350	750	2.0 - 3.0	< 3.0 ± 0.0	1.5 ± 0.7	3.0 ± 1.0	1.5 ± 0.9
	3400	800	2.0 - 3.0	< 3.0 ± 0.0	1.6 ± 0.6	1.9 ± 0.8	1.0 ± 0.6
	3425	650	0.0 - 1.0	< 11.0 ± 0.0	2.2 ± 0.7	< 1.0 ± 0.0	5.4 ± 1.0
	3425	650	2.0 - 3.0	< 9.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	1.4 ± 0.4
	3450	700	2.0 - 3.0	< 3.0 ± 0.0	2.5 ± 0.8	1.5 ± 0.8	1.5 ± 0.3
	3500	800	2.0 - 3.0	< 6.0 ± 0.0	1.1 ± 0.6	1.0 ± 1.0	1.1 ± 0.4
	3550	750	2.0 - 3.0	< 3.0 ± 0.0	2.3 ± 0.7	2.0 ± 1.0	1.2 ± 0.4
	3600	800	2.0 - 3.0	< 3.0 ± 0.0	1.6 ± 0.7	3.0 ± 1.0	2.1 ± 0.4
	3625	550	0.0 - 1.0	< 9.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.8	2.1 ± 0.4
	3625	550	2.0 - 3.0	< 5.0 ± 0.0	1.9 ± 0.6	< 1.0 ± 0.0	1.1 ± 0.3
	3625	600	0.0 - 1.0	< 9.0 ± 0.0	1.5 ± 0.5	3.0 ± 1.0	2.1 ± 0.4
	3625	600	2.0 - 3.0	< 5.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	1.8 ± 0.4
	3650	650	2.0 - 3.0	< 7.0 ± 0.0	1.7 ± 0.7	2.0 ± 1.0	1.1 ± 0.3
	3700	800	2.0 - 3.0	< 3.0 ± 0.0	1.9 ± 0.8	3.0 ± 1.0	1.2 ± 0.3
	3750	750	2.0 - 3.0	< 4.0 ± 0.0	2.0 ± 0.6	1.6 ± 0.8	1.2 ± 0.4
	3800	800	2.0 - 3.0	< 6.0 ± 0.0	1.1 ± 0.7	1.1 ± 0.8	1.2 ± 0.5
	3850	650	0.0 - 1.0	< 8.0 ± 0.0	1.6 ± 0.5	1.5 ± 0.8	0.9 ± 0.4
	3850	650	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.4	2.1 ± 0.8	1.5 ± 0.4
	3850	700	2.0 - 3.0	< 4.0 ± 0.0	1.4 ± 0.8	1.0 ± 1.0	0.8 ± 0.2
	3900	800	2.0 - 3.0	< 3.0 ± 0.0	1.6 ± 0.6	2.0 ± 0.9	1.4 ± 0.4
	3950	750	2.0 - 3.0	< 3.0 ± 0.0	1.4 ± 0.7	< 1.0 ± 0.0	1.3 ± 0.4
	4000	650	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.8	1.0 ± 0.2

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B53W10D	926	1578	0.0 - 1.0	< 12.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	5.7 ± 0.8
B53W10D	926	1578	0.0 - 9.5	< 10.0 ± 0.0	< 0.6 ± 0.0	2.6 ± 0.9	19.0 ± 1.0 *
B53W10D	926	1578	4.0 - 5.0	< 10.0 ± 0.0	2.7 ± 0.6	2.0 ± 0.8	1.3 ± 0.3
	950	1650	0.0 - 1.0	4.0 ± 3.0	0.9 ± 0.4	1.7 ± 0.6	2.8 ± 0.4
	950	1650	1.0 - 2.0	< 5.0 ± 0.0	1.1 ± 0.4	1.5 ± 0.6	-a-
	950	1650	2.0 - 3.0	< 8.0 ± 0.0	1.6 ± 0.5	1.7 ± 0.5	1.4 ± 0.4
	1000	1550	0.0 - 1.0	< 6.0 ± 0.0	1.7 ± 0.5	1.3 ± 0.6	4.0 ± 0.7
	1000	1550	1.0 - 2.0	< 4.0 ± 0.0	1.1 ± 0.4	1.6 ± 0.6	-a-
	1000	1550	2.0 - 3.0	< 6.0 ± 0.0	1.0 ± 0.3	1.5 ± 0.5	< 0.5 ± 0.0
	1050	1650	0.0 - 1.0	< 7.0 ± 0.0	1.2 ± 0.5	2.3 ± 0.7	3.0 ± 0.7
	1050	1650	1.0 - 2.0	8.0 ± 3.0	1.2 ± 0.4	2.1 ± 0.7	-a-
	1050	1650	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.7	0.8 ± 0.4
	1100	1750	0.0 - 1.0	< 6.0 ± 0.0	1.1 ± 0.3	2.2 ± 0.7	1.0 ± 0.7
	1100	1750	1.0 - 2.0	< 7.0 ± 0.0	1.3 ± 0.4	1.8 ± 0.7	-a-
	1100	1750	2.0 - 3.0	< 6.0 ± 0.0	1.0 ± 0.4	1.9 ± 0.6	< 1.4 ± 0.0
	1111	1821	0.0 - 1.0	< 7.0 ± 0.0	< 1.0 ± 0.0	1.0 ± 1.0	3.1 ± 0.6
	1111	1821	0.0 - 6.5	< 7.0 ± 0.0	1.6 ± 0.6	1.4 ± 0.7	21.0 ± 2.0 *
	1111	1821	4.0 - 5.0	< 6.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	1.3 ± 0.4
	1150	1650	0.0 - 1.0	< 14.0 ± 0.0	1.3 ± 0.5	2.4 ± 0.9	4.0 ± 0.7
	1150	1650	1.0 - 2.0	< 5.0 ± 0.0	1.5 ± 0.5	1.8 ± 0.8	-a-
	1150	1650	2.0 - 3.0	< 8.0 ± 0.0	1.1 ± 0.5	2.2 ± 0.7	1.1 ± 0.5
	1200	1750	0.0 - 1.0	< 6.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.7	1.8 ± 0.3
	1200	1750	1.0 - 2.0	5.0 ± 4.0	0.9 ± 0.4	1.9 ± 0.6	-a-

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1200	1750	2.0 - 3.0	< 8.0 ± 0.0	1.1 ± 0.4	2.2 ± 0.8	1.2 ± 0.5
	1250	1650	0.0 - 1.0	< 9.0 ± 0.0	1.5 ± 0.5	1.7 ± 0.7	2.4 ± 0.4
	1250	1650	1.0 - 2.0	< 5.0 ± 0.0	1.8 ± 0.5	1.3 ± 0.7	-a-
	1250	1650	2.0 - 3.0	< 8.0 ± 0.0	1.9 ± 0.5	1.1 ± 0.7	1.3 ± 0.6
	1300	1750	0.0 - 1.0	< 9.0 ± 0.0	1.6 ± 0.4	1.8 ± 0.8	1.5 ± 0.4
	1300	1750	1.0 - 2.0	< 6.0 ± 0.0	1.6 ± 0.5	1.4 ± 0.7	-a-
	1300	1750	2.0 - 3.0	6.0 ± 3.0	1.1 ± 0.4	1.2 ± 0.7	1.2 ± 0.5
	1350	1650	0.0 - 1.0	< 7.0 ± 0.0	0.9 ± 0.4	2.0 ± 0.8	1.6 ± 1.2
	1350	1650	1.0 - 2.0	< 6.0 ± 0.0	0.8 ± 0.4	1.5 ± 0.6	-a-
	1350	1650	2.0 - 3.0	< 7.0 ± 0.0	1.1 ± 0.4	1.3 ± 0.7	1.4 ± 0.8
	1400	1750	0.0 - 1.0	< 8.0 ± 0.0	0.9 ± 0.4	1.3 ± 0.7	2.1 ± 1.1
	1400	1750	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.4	1.8 ± 0.6	-a-
	1400	1750	2.0 - 3.0	< 7.0 ± 0.0	1.1 ± 0.4	2.1 ± 0.7	1.0 ± 0.8
	1403	1633	0.0 - 1.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	4.1 ± 0.6
	1403	1633	0.0 - 10.0	< 8.0 ± 0.0	1.6 ± 0.6	1.8 ± 0.9	1.7 ± 0.5
	1403	1633	4.0 - 5.0	< 10.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.8	1.4 ± 0.3
	1410	2006	0.0 - 1.0	< 9.0 ± 0.0	1.7 ± 0.5	1.6 ± 0.7	4.2 ± 0.6
	1410	2006	4.0 - 5.0	< 8.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.8	1.3 ± 0.5
	1410	2006	8.0 - 8.5	< 7.0 ± 0.0	1.4 ± 0.4	1.5 ± 0.8	1.0 ± 0.4
	1450	1650	0.0 - 1.0	< 7.0 ± 0.0	1.3 ± 0.4	3.0 ± 1.0	4.6 ± 2.7
	1450	1650	1.0 - 2.0	< 6.0 ± 0.0	0.9 ± 0.3	1.7 ± 0.5	-a-
	1450	1650	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.4	1.8 ± 0.6	< 1.3 ± 0.0
	1450	1850	0.0 - 1.0	< 7.0 ± 0.0	1.7 ± 0.4	1.6 ± 0.6	1.8 ± 0.8
	1450	1850	1.0 - 2.0	< 4.0 ± 0.0	1.2 ± 0.4	1.5 ± 0.5	-a-
	1450	1850	2.0 - 3.0	< 6.0 ± 0.0	1.0 ± 0.4	1.7 ± 0.6	0.9 ± 0.5
	1500	1750	0.0 - 1.0	< 5.0 ± 0.0	1.0 ± 0.4	1.1 ± 0.5	1.9 ± 1.1
	1500	1750	1.0 - 2.0	< 4.0 ± 0.0	1.5 ± 0.4	1.1 ± 0.6	-a-
	1500	1750	2.0 - 3.0	< 5.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.6	0.6 ± 0.6
	1550	1650	1.0 - 2.0	< 7.0 ± 0.0	1.0 ± 0.4	2.3 ± 0.7	-a-

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1550	1650	2.0 - 3.0	< 4.0 ± 0.0	1.1 ± 0.4	1.8 ± 0.6	1.2 ± 0.8
	1550	1850	0.0 - 1.0	< 4.0 ± 0.0	0.9 ± 0.4	1.3 ± 0.6	1.6 ± 0.9
	1550	1850	1.0 - 2.0	< 6.0 ± 0.0	1.1 ± 0.4	2.2 ± 0.6	-a-
	1550	1850	2.0 - 3.0	< 3.0 ± 0.0	1.4 ± 0.3	1.4 ± 0.5	1.0 ± 0.6
	1550	1900	0.5 - 1.0	-a-	-a-	-a-	3.8 ± 1.2
	1550	1950	0.5 - 1.0	-a-	-a-	-a-	1.3 ± 0.3
	1550	2000	0.5 - 1.0	-a-	-a-	-a-	2.8 ± 0.4
	1550	2050	0.5 - 1.0	-a-	-a-	-a-	1.3 ± 0.4
	1550	2100	0.5 - 1.0	-a-	-a-	-a-	1.4 ± 0.3
	1572	1791	0.0 - 1.0	< 7.0 ± 0.0	1.5 ± 0.8	2.0 ± 1.0	4.0 ± 0.6
	1572	1791	0.0 - 9.0	< 5.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.4 ± 0.4
	1572	1791	4.0 - 5.0	< 5.0 ± 0.0	1.2 ± 0.4	1.5 ± 0.6	1.8 ± 0.4
	1600	1750	0.0 - 1.0	< 4.0 ± 0.0	1.1 ± 0.4	1.9 ± 0.6	2.4 ± 0.6
	1600	1750	1.0 - 2.0	< 7.0 ± 0.0	1.1 ± 0.3	2.1 ± 0.6	-a-
	1600	1750	2.0 - 3.0	< 4.0 ± 0.0	1.1 ± 0.4	0.9 ± 0.5	1.6 ± 0.8
	1650	1850	0.0 - 1.0	< 7.0 ± 0.0	0.8 ± 0.3	1.9 ± 0.6	6.0 ± 2.0
	1650	1850	1.0 - 2.0	< 4.0 ± 0.0	1.0 ± 0.3	1.2 ± 0.5	-a-
	1650	1850	2.0 - 3.0	< 4.0 ± 0.0	0.6 ± 0.3	0.7 ± 0.5	1.8 ± 0.9
	1700	1750	0.0 - 1.0	< 7.0 ± 0.0	2.0 ± 0.4	1.2 ± 0.6	1.9 ± 0.6
	1700	1750	1.0 - 2.0	< 4.0 ± 0.0	1.0 ± 0.4	1.7 ± 0.5	-a-
	1700	1750	2.0 - 3.0	< 4.0 ± 0.0	1.1 ± 0.4	0.9 ± 0.6	1.4 ± 0.9
	1750	1850	0.0 - 1.0	< 7.0 ± 0.0	1.8 ± 0.5	1.7 ± 0.6	8.0 ± 2.0
	1750	1850	1.0 - 2.0	< 4.0 ± 0.0	0.9 ± 0.4	1.6 ± 0.5	-a-
	1750	1850	2.0 - 3.0	< 7.0 ± 0.0	1.2 ± 0.4	2.2 ± 0.7	3.5 ± 1.2
	1787	2140	0.0 - 1.0	< 6.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.7	2.6 ± 0.9
	1787	2140	0.0 - 11.0	< 6.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	2.5 ± 0.5
	1787	2140	4.0 - 5.0	< 5.0 ± 0.0	1.4 ± 0.5	1.6 ± 0.7	1.4 ± 0.4
	1800	1750	0.0 - 1.0	< 4.0 ± 0.0	1.2 ± 0.4	1.3 ± 0.6	5.0 ± 1.0
	1800	1750	1.0 - 2.0	< 7.0 ± 0.0	1.8 ± 0.4	2.0 ± 0.6	-a-

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1800	1750	2.0 - 3.0	< 4.0 ± 0.0	1.3 ± 0.3	1.0 ± 0.5	1.6 ± 1.1
	1850	1850	0.0 - 1.0	< 11.0 ± 0.0	1.1 ± 0.6	2.7 ± 0.9	3.6 ± 2.2
	1850	1850	1.0 - 2.0	< 7.0 ± 0.0	1.4 ± 0.5	2.2 ± 0.9	-a-
	1850	1850	2.0 - 3.0	< 5.0 ± 0.0	1.8 ± 0.5	1.5 ± 0.8	5.8 ± 4.2
	1950	1850	0.0 - 1.0	< 7.0 ± 0.0	1.5 ± 0.6	2.4 ± 0.9	9.1 ± 2.4
	1950	1850	1.0 - 2.0	< 9.0 ± 0.0	1.7 ± 0.5	2.2 ± 0.8	-a-
	1950	1850	2.0 - 3.0	< 7.0 ± 0.0	0.8 ± 0.6	< 1.0 ± 0.0	6.1 ± 1.4
	2000	1750	0.0 - 1.0	< 5.0 ± 0.0	1.5 ± 0.6	1.6 ± 0.9	4.6 ± 1.5
	2000	1750	1.0 - 2.0	< 10.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	-a-
	2000	1750	2.0 - 3.0	< 5.0 ± 0.0	0.7 ± 0.5	1.8 ± 0.8	1.9 ± 1.1
	2000	1790	0.0 - 1.0	< 14.0 ± 0.0	2.7 ± 0.8	2.0 ± 1.0	13.0 ± 1.0
	2000	1950	0.0 - 1.0	< 10.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	4.4 ± 2.0
	2000	1950	1.0 - 2.0	< 5.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.9	-a-
	2000	1950	2.0 - 3.0	< 7.0 ± 0.0	1.5 ± 0.6	1.8 ± 0.9	3.7 ± 2.7
	2050	1850	0.0 - 1.0	< 10.0 ± 0.0	1.4 ± 0.6	2.0 ± 0.9	2.8 ± 1.6
	2050	1850	1.0 - 2.0	< 5.0 ± 0.0	1.3 ± 0.5	0.9 ± 0.7	-a-
	2050	1850	2.0 - 3.0	< 7.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	2.0 ± 1.6
	2100	1750	0.0 - 1.0	< 11.0 ± 0.0	2.4 ± 0.7	3.0 ± 1.0	18.0 ± 3.0 *
	2100	1750	1.0 - 2.0	< 6.0 ± 0.0	1.2 ± 0.6	1.5 ± 0.8	-a-
	2100	1750	2.0 - 3.0	< 11.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	10.0 ± 4.0
	2100	2000	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.4
	2100	2050	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.3
	2100	2100	0.5 - 1.0	-a-	-a-	-a-	1.6 ± 0.3
	2100	2150	0.5 - 1.0	-a-	-a-	-a-	1.5 ± 0.3
	2100	2200	0.5 - 1.0	-a-	-a-	-a-	0.9 ± 0.3
	2100	2250	0.5 - 1.0	-a-	-a-	-a-	4.2 ± 0.5
	2120	1900	0.0 - 1.0	< 8.0 ± 0.0	1.3 ± 0.8	2.0 ± 1.0	9.3 ± 1.0
	2120	1900	0.0 - 9.5	< 6.0 ± 0.0	1.8 ± 0.6	0.9 ± 0.9	1.5 ± 0.4
	2120	1900	4.0 - 5.0	< 4.0 ± 0.0	1.3 ± 0.4	2.1 ± 0.9	1.6 ± 0.4

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2150	1850	0.0 - 1.0	< 8.0 ± 0.0	1.2 ± 0.6	2.3 ± 0.9	4.3 ± 1.8
	2150	1850	1.0 - 2.0	< 5.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	-a-
	2150	1850	2.0 - 3.0	< 11.0 ± 0.0	1.4 ± 0.6	2.0 ± 0.8	1.1 ± 0.8
	2200	1750	0.0 - 1.0	< 8.0 ± 0.0	1.4 ± 0.6	1.1 ± 0.9	6.7 ± 1.7
	2200	1750	1.0 - 2.0	< 11.0 ± 0.0	2.4 ± 0.6	3.0 ± 1.0	-a-
	2200	1750	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	3.0 ± 1.6
	2200	1950	0.0 - 1.0	< 7.0 ± 0.0	1.6 ± 0.7	1.7 ± 0.9	2.5 ± 0.8
	2200	1950	1.0 - 2.0	< 5.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	-a-
	2200	1950	2.0 - 3.0	< 10.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	2.0 ± 0.7
	2250	1850	0.0 - 1.0	< 7.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	5.7 ± 1.0
	2250	1850	1.0 - 2.0	< 10.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	-a-
	2250	1850	2.0 - 3.0	< 6.0 ± 0.0	0.9 ± 0.6	1.6 ± 0.8	1.1 ± 1.0
	2298	2258	0.0 - 1.0	< 9.0 ± 0.0	1.4 ± 0.7	1.3 ± 0.9	7.3 ± 1.0
	2298	2258	0.0 - 13.0	< 5.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	1.6 ± 0.5
	2298	2258	4.0 - 5.0	< 4.0 ± 0.0	< 1.0 ± 0.0	1.6 ± 0.9	1.1 ± 0.4
	2300	1750	0.0 - 1.0	< 7.0 ± 0.0	1.5 ± 0.7	1.7 ± 0.8	3.9 ± 0.8
	2300	1750	1.0 - 2.0	< 11.0 ± 0.0	1.6 ± 0.5	2.0 ± 1.0	-a-
	2300	1750	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.7	1.5 ± 0.5
	2312	2261	0.0 - 1.0	< 9.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	5.6 ± 0.8
	2312	2261	0.0 - 13.0	< 10.0 ± 0.0	1.3 ± 0.6	2.0 ± 0.9	1.1 ± 0.5
	2312	2261	4.0 - 5.0	< 7.0 ± 0.0	1.5 ± 0.5	1.2 ± 0.7	1.2 ± 0.3
	2331	1725	0.0 - 1.0	< 5.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	9.5 ± 1.1
	2331	1725	0.0 - 8.5	< 6.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.6 ± 0.4
	2331	1725	4.0 - 5.0	< 6.0 ± 0.0	0.9 ± 0.6	3.0 ± 1.0	13.0 ± 1.0
	2350	1650	0.0 - 1.0	< 12.0 ± 0.0	2.1 ± 0.7	1.4 ± 0.9	4.5 ± 0.8
	2350	1650	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.7	1.9 ± 0.9	-a-
	2350	1650	2.0 - 3.0	< 12.0 ± 0.0	2.4 ± 0.7	3.0 ± 1.0	4.2 ± 0.8
	2350	1850	0.0 - 1.0	< 9.0 ± 0.0	1.0 ± 0.6	1.5 ± 0.8	1.1 ± 0.7
	2350	1850	1.0 - 2.0	< 5.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.9	-a-

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2350	1850	2.0 - 3.0	< 8.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	1.6 ± 0.6
	2400	1850	0.5 - 1.0	< 5.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.3 ± 0.8
	2400	1850	1.0 - 2.0	< 6.0 ± 0.0	1.6 ± 0.5	2.0 ± 1.0	-a-
	2400	1850	2.0 - 3.0	< 5.0 ± 0.0	1.4 ± 0.6	0.9 ± 0.8	2.3 ± 0.8
	2450	1650	0.0 - 1.0	< 8.0 ± 0.0	1.5 ± 0.6	1.3 ± 0.8	2.8 ± 0.8
	2450	1650	1.0 - 2.0	< 6.0 ± 0.0	< 1.0 ± 0.0	1.7 ± 0.9	-a-
	2450	1650	2.0 - 3.0	< 7.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.9	1.6 ± 0.5
	2450	1850	0.0 - 1.0	< 6.0 ± 0.0	1.3 ± 0.7	2.0 ± 1.0	2.7 ± 0.7
	2450	1850	1.0 - 2.0	< 10.0 ± 0.0	1.4 ± 0.6	1.3 ± 0.9	1.4 ± 0.4
	2450	1850	2.0 - 3.0	< 9.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	2.1 ± 0.6
	2500	1750	0.0 - 1.0	< 6.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	2.1 ± 0.7
	2500	1750	1.0 - 2.0	< 9.0 ± 0.0	1.4 ± 0.8	2.0 ± 1.0	-a-
	2500	1750	2.0 - 3.0	< 5.0 ± 0.0	1.4 ± 0.6	1.5 ± 0.9	1.4 ± 0.5
	2523	1550	0.5 - 1.0	-a-	-a-	-a-	3.6 ± 0.5
	2530	1520	0.5 - 1.0	-a-	-a-	-a-	31.0 ± 2.0 *
	2531	1600	0.5 - 1.0	-a-	-a-	-a-	10.0 ± 1.0
	2538	1650	0.5 - 1.0	-a-	-a-	-a-	1.5 ± 0.4
	2542	1700	0.5 - 1.0	-a-	-a-	-a-	4.1 ± 1.0
	2545	1800	0.5 - 1.0	-a-	-a-	-a-	16.0 ± 1.0
	2550	1650	0.0 - 1.0	< 9.0 ± 0.0	1.7 ± 0.8	4.0 ± 1.0	11.0 ± 1.0
	2550	1650	1.0 - 2.0	< 7.0 ± 0.0	1.3 ± 0.7	2.0 ± 1.0	-a-
	2550	1650	2.0 - 3.0	< 8.0 ± 0.0	2.2 ± 0.6	2.0 ± 0.8	1.5 ± 1.1
	2550	1750	0.5 - 1.0	-a-	-a-	-a-	4.0 ± 0.6
	2558	1850	0.5 - 1.0	-a-	-a-	-a-	3.2 ± 0.6
	2559	1900	0.5 - 1.0	-a-	-a-	-a-	3.2 ± 0.4
	2563	1950	0.5 - 1.0	-a-	-a-	-a-	5.0 ± 1.1
	2563	2000	0.5 - 1.0	-a-	-a-	-a-	2.3 ± 0.6
	2564	2050	0.5 - 1.0	-a-	-a-	-a-	11.0 ± 1.0
	2570	2100	0.5 - 1.0	-a-	-a-	-a-	9.0 ± 0.8

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2578	2150	0.5 - 1.0	-a-	-a-	-a-	2.5 ± 0.4
	2582	2200	0.5 - 1.0	-a-	-a-	-a-	5.1 ± 0.5
	2585	2250	0.5 - 1.0	-a-	-a-	-a-	1.1 ± 0.3
	2590	2400	0.5 - 1.0	-a-	-a-	-a-	1.7 ± 0.3
	2593	2300	0.5 - 1.0	-a-	-a-	-a-	35.0 ± 2.0 *
	2594	2350	0.5 - 1.0	-a-	-a-	-a-	1.1 ± 0.3
	2600	1550	0.0 - 1.0	< 7.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	3.6 ± 0.5
	2600	1550	1.0 - 2.0	< 10.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	1.3 ± 0.3
	2600	1550	2.0 - 3.0	< 5.0 ± 0.0	1.2 ± 0.7	1.6 ± 0.8	2.1 ± 0.6
	2600	1750	0.0 - 1.0	< 7.0 ± 0.0	1.9 ± 0.6	2.2 ± 0.8	8.8 ± 1.2
	2600	1750	1.0 - 2.0	< 5.0 ± 0.0	1.4 ± 0.6	1.2 ± 0.7	-a-
	2600	1750	2.0 - 3.0	< 10.0 ± 0.0	1.5 ± 0.6	1.4 ± 0.9	2.9 ± 0.7
	2650	1650	0.0 - 1.0	< 7.0 ± 0.0	1.6 ± 0.6	2.7 ± 0.9	10.0 ± 1.0
	2650	1650	1.0 - 2.0	< 8.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	-a-
	2650	1650	2.0 - 3.0	< 6.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	2.7 ± 0.5
	2700	1550	0.0 - 1.0	< 5.0 ± 0.0	1.3 ± 0.6	1.6 ± 0.8	2.0 ± 0.7
	2700	1550	1.0 - 2.0	< 7.0 ± 0.0	1.6 ± 0.7	1.4 ± 0.9	-a-
	2700	1550	2.0 - 3.0	< 5.0 ± 0.0	1.7 ± 0.6	2.4 ± 0.8	1.8 ± 0.7
	2700	1690	0.0 - 1.0	< 12.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	2.9 ± 0.5
	2700	1690	4.0 - 5.0	< 9.0 ± 0.0	1.5 ± 0.5	1.4 ± 0.7	2.3 ± 0.4
	2700	1690	9.0 - 10.0	< 8.0 ± 0.0	1.2 ± 0.4	1.3 ± 0.7	2.0 ± 0.6
	2700	1750	0.0 - 1.0	< 7.0 ± 0.0	1.3 ± 0.6	1.5 ± 0.9	2.7 ± 0.5
	2700	1750	1.0 - 2.0	< 5.0 ± 0.0	1.4 ± 0.6	2.0 ± 0.8	-a-
	2700	1750	2.0 - 3.0	< 8.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	2.0 ± 0.5
	2750	1450	0.0 - 1.0	< 7.0 ± 0.0	1.0 ± 0.7	3.0 ± 1.0	2.7 ± 0.8
	2750	1450	1.0 - 2.0	< 8.0 ± 0.0	2.6 ± 0.8	2.0 ± 1.0	-a-
	2750	1450	2.0 - 3.0	< 16.0 ± 0.0	2.2 ± 0.8	2.0 ± 1.0	9.0 ± 2.0
	2750	1650	0.0 - 1.0	< 6.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.8	4.4 ± 0.8
	2750	1650	1.0 - 2.0	< 6.0 ± 0.0	2.2 ± 0.7	1.1 ± 1.0	-a-

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2750	1650	2.0 - 3.0	< 7.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 0.8	
	2795	1476	0.0 - 1.0	< 9.0 ± 0.0	1.6 ± 0.5	2.6 ± 0.9	16.0 ± 1.0	S
	2795	1476	0.0 - 5.5	< 8.0 ± 0.0	1.1 ± 0.5	1.9 ± 0.8	4.9 ± 0.8	
	2795	1476	4.0 - 5.0	< 6.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.7	1.3 ± 0.5	
	2800	1550	0.0 - 1.0	< 6.0 ± 0.0	0.9 ± 0.6	1.2 ± 0.9	7.0 ± 0.9	
	2800	1550	1.0 - 2.0	< 10.0 ± 0.0	1.4 ± 0.5	2.0 ± 1.0	1.2 ± 0.4	
	2800	1550	2.0 - 3.0	< 6.0 ± 0.0	1.1 ± 0.5	1.4 ± 0.7	1.3 ± 0.4	
	2813	2448	0.0 - 1.0	< 10.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	2.3 ± 0.4	
	2813	2448	0.0 - 13.0	< 11.0 ± 0.0	1.2 ± 0.7	2.9 ± 0.9	10.0 ± 1.0	
	2813	2448	4.0 - 5.0	< 10.0 ± 0.0	3.0 ± 0.7	3.0 ± 1.0	3.6 ± 0.6	
	2850	1450	0.0 - 1.0	< 7.0 ± 0.0	1.4 ± 0.7	1.3 ± 1.0	4.2 ± 0.9	
	2850	1450	1.0 - 2.0	< 7.0 ± 0.0	2.4 ± 0.7	2.0 ± 1.0	-a-	
	2850	1450	2.0 - 3.0	< 6.0 ± 0.0	2.0 ± 0.6	1.7 ± 1.0	2.1 ± 0.5	
	2850	1650	0.0 - 1.0	< 6.0 ± 0.0	2.0 ± 0.7	2.0 ± 1.0	5.8 ± 1.0	
	2850	1650	1.0 - 2.0	< 11.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	-a-	
	2850	1650	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.6	1.9 ± 0.9	2.5 ± 0.6	
	2900	1500	2.0 - 3.0	< 12.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.4 ± 0.3	
	2900	1550	0.0 - 1.0	< 8.0 ± 0.0	1.8 ± 0.8	2.0 ± 1.0	10.0 ± 1.0	
	2900	1550	1.0 - 2.0	< 12.0 ± 0.0	1.9 ± 0.7	2.0 ± 1.0	-a-	
	2900	1550	2.0 - 3.0	< 12.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.4 ± 0.3	
	2950	1450	0.0 - 1.0	< 14.0 ± 0.0	2.1 ± 0.7	1.3 ± 0.7	4.3 ± 1.4	
	2950	1450	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.7	2.0 ± 1.0	-a-	
	2950	1450	2.0 - 3.0	< 15.0 ± 0.0	1.4 ± 0.6	< 1.0 ± 0.0	2.9 ± 0.7	
	2950	1650	0.0 - 1.0	< 11.0 ± 0.0	2.2 ± 0.6	2.0 ± 1.0	5.0 ± 1.1	
	2950	1650	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.7	< 1.0 ± 0.0	-a-	
	2950	1650	2.0 - 3.0	< 7.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	1.3 ± 0.6	
	2995	1865	0.0 - 1.0	< 9.0 ± 0.0	1.1 ± 0.7	2.0 ± 1.0	7.7 ± 0.8	
	2995	1865	0.0 - 13.0	< 4.0 ± 0.0	1.9 ± 0.5	< 1.0 ± 0.0	1.1 ± 0.3	
	2995	1865	4.0 - 5.0	< 5.0 ± 0.0	1.3 ± 0.5	1.6 ± 0.8	1.5 ± 0.4	

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3000	1350	0.0 - 1.0	< 6.0 ± 0.0	1.0 ± 0.6	1.0 ± 0.9	9.0 ± 1.0
	3000	1350	1.0 - 2.0	< 12.0 ± 0.0	1.8 ± 0.6	3.0 ± 1.0	-a-
	3000	1350	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.7	2.0 ± 1.0	2.7 ± 2.3
	3000	1550	0.0 - 1.0	< 7.0 ± 0.0	0.8 ± 0.7	3.0 ± 1.0	1.6 ± 0.5
	3000	1550	1.0 - 2.0	< 13.0 ± 0.0	2.4 ± 0.8	5.0 ± 1.0	-a-
	3000	1550	2.0 - 3.0	< 7.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	1.2 ± 0.9
	3050	1450	0.0 - 1.0	< 7.0 ± 0.0	1.3 ± 0.7	1.3 ± 0.8	3.2 ± 1.9
	3050	1450	1.0 - 2.0	< 15.0 ± 0.0	2.0 ± 0.8	3.0 ± 1.0	-a-
	3050	1450	2.0 - 3.0	< 7.0 ± 0.0	0.8 ± 0.7	2.0 ± 1.0	1.3 ± 1.1
	3093	2401	0.0 - 1.0	< 11.0 ± 0.0	0.9 ± 0.5	3.0 ± 1.0	3.1 ± 0.6
	3093	2401	4.0 - 5.0	< 11.0 ± 0.0	1.4 ± 0.6	2.0 ± 1.0	1.5 ± 0.4
	3093	2401	8.0 - 8.5	< 7.0 ± 0.0	1.5 ± 0.5	3.0 ± 1.0	1.2 ± 0.4
	3100	1350	0.0 - 1.0	< 14.0 ± 0.0	2.6 ± 0.8	5.0 ± 1.0	4.2 ± 1.0
	3100	1350	1.0 - 2.0	< 8.0 ± 0.0	1.7 ± 0.9	1.2 ± 1.0	-a-
	3100	1350	2.0 - 3.0	< 7.0 ± 0.0	1.4 ± 0.8	1.2 ± 1.0	< 1.0 ± 0.0
	3100	1550	0.0 - 1.0	< 14.0 ± 0.0	2.5 ± 0.9	< 1.0 ± 0.0	1.2 ± 0.9
	3100	1550	1.0 - 2.0	< 7.0 ± 0.0	0.9 ± 0.6	< 1.0 ± 0.0	-a-
	3100	1550	2.0 - 3.0	< 14.0 ± 0.0	1.5 ± 0.6	3.0 ± 1.0	1.2 ± 0.6
	3150	1450	0.0 - 1.0	< 8.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	2.4 ± 1.0
	3150	1450	1.0 - 2.0	< 7.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	-a-
	3150	1450	2.0 - 3.0	< 14.0 ± 0.0	2.0 ± 0.7	3.0 ± 1.0	1.1 ± 0.9
	3150	1600	0.5 - 1.0	-a-	-a-	-a-	1.1 ± 0.3
	3150	1650	0.5 - 1.0	-a-	-a-	-a-	1.4 ± 0.3
	3150	1700	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.3
	3150	1750	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.3
	3150	1800	0.5 - 1.0	-a-	-a-	-a-	1.6 ± 0.3
	3150	1850	0.5 - 1.0	-a-	-a-	-a-	1.4 ± 0.3
	3150	1900	0.5 - 1.0	-a-	-a-	-a-	1.3 ± 0.3
	3150	1950	0.5 - 1.0	-a-	-a-	-a-	1.1 ± 0.3

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3150	2000	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.2
	3150	2050	0.5 - 1.0	-a-	-a-	-a-	1.5 ± 0.3
	3150	2150	0.5 - 1.0	-a-	-a-	-a-	3.4 ± 0.6
	3150	2200	0.5 - 1.0	-a-	-a-	-a-	1.0 ± 0.3
	3150	2250	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.3
	3150	2300	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.3
	3150	2350	0.5 - 1.0	-a-	-a-	-a-	1.7 ± 0.3
	3150	2400	0.5 - 1.0	-a-	-a-	-a-	1.4 ± 0.5
	3150	2450	0.5 - 1.0	-a-	-a-	-a-	1.9 ± 0.3
	3150	2500	0.5 - 1.0	-a-	-a-	-a-	1.0 ± 0.3
	3150	2550	0.5 - 1.0	-a-	-a-	-a-	1.1 ± 0.4
	3150	2600	0.5 - 1.0	-a-	-a-	-a-	1.5 ± 0.3
	3150	2650	0.5 - 1.0	-a-	-a-	-a-	1.2 ± 0.3
	3150	2700	0.5 - 1.0	-a-	-a-	-a-	1.5 ± 0.3
	3199	1414	0.0 - 1.0	< 11.0 ± 0.0	1.1 ± 0.5	2.3 ± 0.8	2.2 ± 0.9
	3199	1414	0.0 - 9.0	< 10.0 ± 0.0	1.5 ± 0.6	1.8 ± 0.6	1.4 ± 0.4
	3199	1414	4.0 - 5.0	< 8.0 ± 0.0	1.4 ± 0.6	1.1 ± 0.9	1.9 ± 0.7
	3200	1350	0.0 - 1.0	< 8.0 ± 0.0	1.3 ± 0.7	3.0 ± 1.0	3.1 ± 0.9
	3200	1350	1.0 - 2.0	< 4.0 ± 0.0	1.1 ± 0.4	1.9 ± 0.6	-a-
	3200	1350	2.0 - 3.0	< 14.0 ± 0.0	2.9 ± 0.9	4.0 ± 1.0	1.5 ± 0.7
	3200	1550	0.0 - 1.0	< 6.0 ± 0.0	1.7 ± 0.7	2.0 ± 1.0	8.3 ± 1.5
	3200	1550	1.0 - 2.0	< 12.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	-a-
	3200	1550	2.0 - 3.0	< 7.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	3.5 ± 1.6
	3200	2081	0.0 - 1.0	< 11.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.6 ± 0.7
	3200	2081	4.0 - 5.0	< 6.0 ± 0.0	1.2 ± 0.6	1.1 ± 0.8	1.4 ± 0.3
	3250	1250	0.0 - 1.0	< 8.0 ± 0.0	1.7 ± 0.4	2.5 ± 0.7	4.7 ± 0.8
	3250	1250	1.0 - 2.0	< 9.0 ± 0.0	2.4 ± 0.5	3.0 ± 1.0	-a-
	3250	1250	2.0 - 3.0	< 5.0 ± 0.0	1.0 ± 0.4	1.6 ± 0.6	2.5 ± 0.6
	3250	1450	0.0 - 1.0	< 5.0 ± 0.0	1.9 ± 0.5	1.6 ± 0.8	7.0 ± 1.0

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3250	1450	1.0 - 2.0	< 9.0 ± 0.0	1.3 ± 0.5	2.3 ± 0.9	7.0 ± 1.0
	3250	1450	2.0 - 3.0	< 6.0 ± 0.0	0.9 ± 0.6	1.0 ± 0.8	2.6 ± 0.5
	3300	1350	0.0 - 1.0	< 9.0 ± 0.0	1.7 ± 0.5	2.3 ± 0.9	1.9 ± 0.3
	3300	1350	1.0 - 2.0	< 7.0 ± 0.0	1.1 ± 0.5	1.6 ± 0.8	-a-
	3300	1350	2.0 - 3.0	< 5.0 ± 0.0	2.7 ± 0.5	1.0 ± 0.8	1.0 ± 0.4
	3300	1699	0.0 - 1.0	< 5.0 ± 0.0	1.4 ± 0.6	1.6 ± 0.8	5.9 ± 0.7
	3300	1699	0.0 - 8.0	< 4.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.6	2.2 ± 0.4
	3300	1699	4.0 - 5.0	< 6.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	2.5 ± 0.5
	3350	1250	0.0 - 1.0	< 9.0 ± 0.0	1.6 ± 0.5	2.1 ± 0.8	1.5 ± 0.8
	3350	1250	1.0 - 2.0	< 5.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.8	-a-
	3350	1250	2.0 - 3.0	< 9.0 ± 0.0	1.6 ± 0.5	4.0 ± 1.0	3.6 ± 0.6
	3350	1450	0.0 - 1.0	< 5.0 ± 0.0	2.1 ± 0.5	1.8 ± 0.8	2.2 ± 0.4
	3350	1450	1.0 - 2.0	< 7.0 ± 0.0	2.8 ± 0.8	1.3 ± 0.7	-a-
	3350	1450	2.0 - 3.0	< 8.0 ± 0.0	1.3 ± 0.5	1.5 ± 0.8	1.2 ± 0.3
	3400	1350	0.0 - 1.0	< 8.0 ± 0.0	1.3 ± 0.5	1.5 ± 0.8	1.2 ± 0.3
	3400	1350	1.0 - 2.0	< 9.0 ± 0.0	1.5 ± 0.5	2.4 ± 0.9	-a-
	3400	1350	2.0 - 3.0	< 5.0 ± 0.0	1.5 ± 0.5	1.4 ± 0.7	2.3 ± 0.6
	3450	1250	0.0 - 1.0	< 5.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	0.9 ± 0.4
	3450	1250	1.0 - 2.0	< 8.0 ± 0.0	1.2 ± 0.5	1.0 ± 0.6	-a-
	3450	1250	2.0 - 3.0	< 5.0 ± 0.0	1.0 ± 0.4	1.9 ± 0.7	1.9 ± 0.7
	3500	1150	0.0 - 1.0	< 5.0 ± 0.0	1.3 ± 0.5	2.0 ± 0.8	7.0 ± 1.0
	3500	1150	1.0 - 2.0	< 6.0 ± 0.0	1.6 ± 0.5	1.6 ± 0.7	-a-
	3500	1150	2.0 - 3.0	< 11.0 ± 0.0	1.8 ± 0.6	2.2 ± 0.9	3.6 ± 1.3
	3500	1350	0.0 - 1.0	< 5.0 ± 0.0	1.6 ± 0.5	1.7 ± 0.7	0.9 ± 0.4
	3500	1350	2.0 - 3.0	< 9.0 ± 0.0	0.9 ± 0.5	1.9 ± 0.9	5.5 ± 1.6
	3550	1250	0.0 - 1.0	< 4.0 ± 0.0	1.4 ± 0.4	1.7 ± 0.7	6.2 ± 0.9
	3550	1250	1.0 - 2.0	< 9.0 ± 0.0	1.6 ± 0.5	2.1 ± 0.8	-a-
	3550	1250	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.5	1.1 ± 0.8	4.5 ± 2.1
	3595	1403	0.0 - 1.0	< 11.0 ± 0.0	0.9 ± 0.5	3.0 ± 1.0	1.3 ± 0.3

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Field

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3595	1403	0.0 - 9.0	< 8.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.8	1.7 ± 0.3
	3595	1403	4.0 - 5.0	< 8.0 ± 0.0	1.6 ± 0.6	1.8 ± 0.8	1.5 ± 0.4
	3600	1150	0.5 - 1.0	< 5.0 ± 0.0	1.5 ± 0.5	2.1 ± 0.7	9.0 ± 2.0
	3600	1150	1.0 - 2.0	< 10.0 ± 0.0	2.3 ± 0.6	4.0 ± 1.0	-a-
	3600	1150	2.0 - 3.0	< 6.0 ± 0.0	0.8 ± 0.5	0.9 ± 0.7	2.5 ± 0.8
	3600	1350	0.0 - 1.0	< 4.0 ± 0.0	1.5 ± 0.5	1.4 ± 0.6	4.4 ± 0.9
	3600	1350	1.0 - 2.0	< 8.0 ± 0.0	1.5 ± 0.5	1.9 ± 0.8	-a-
	3600	1350	2.0 - 3.0	< 5.0 ± 0.0	1.8 ± 0.5	1.1 ± 0.7	1.1 ± 0.5
	3605	2408	0.0 - 1.0	< 4.0 ± 0.0	1.3 ± 0.6	1.5 ± 0.8	1.4 ± 0.3
	3605	2408	4.0 - 5.0	< 10.0 ± 0.0	1.1 ± 0.5	3.0 ± 1.0	1.1 ± 0.3
	3605	2408	8.0 - 8.5	< 8.0 ± 0.0	1.3 ± 0.5	0.9 ± 0.6	1.4 ± 0.3
	3617	1674	0.0 - 1.0	< 5.0 ± 0.0	1.0 ± 0.5	4.0 ± 1.0	10.0 ± 1.0
	3617	1674	4.0 - 5.0	< 6.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.7	2.0 ± 0.6
	3617	1674	5.5 - 5.5	< 6.0 ± 0.0	1.1 ± 0.5	1.9 ± 0.8	1.4 ± 0.4

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	825	1390	0.0 - 1.0	< 14.0 ± 0.0	3.7 ± 0.9	3.0 ± 1.0	46.0 ± 2.0	*
	825	1390	5.0 - 6.0	-a-	-a-	-a-	1.5 ± 0.6	
	825	1390	12.0 - 13.0	-a-	-a-	-a-	1.1 ± 0.3	
	850	1000	0.0 - 1.0	< 5.0 ± 0.0	1.4 ± 0.6	1.4 ± 0.8	-a-	
	850	1000	1.0 - 2.0	< 8.0 ± 0.0	1.8 ± 0.5	1.1 ± 0.6	-a-	
	850	1000	2.0 - 3.0	< 5.0 ± 0.0	1.0 ± 0.5	1.5 ± 0.8	3.0 ± 0.6	
	850	1400	0.0 - 1.0	< 9.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	-a-	
	850	1400	1.0 - 2.0	< 13.0 ± 0.0	2.9 ± 0.8	1.6 ± 0.8	-a-	
	850	1400	2.0 - 3.0	< 7.0 ± 0.0	2.1 ± 0.7	2.0 ± 1.0	22.0 ± 2.0	*
	875	1372	0.0 - 1.0	< 16.0 ± 0.0	3.7 ± 1.0	2.0 ± 1.0	42.0 ± 1.0	*
	875	1372	3.0 - 4.0	-a-	-a-	-a-	1.2 ± 0.3	
	875	1372	7.0 - 8.0	-a-	-a-	-a-	1.8 ± 0.4	
	900	1350	0.0 - 1.0	30.0 ± 12.0	12.0 ± 2.0	2.0 ± 1.0	-a-	S
	900	1350	1.0 - 2.0	36.0 ± 14.0	5.0 ± 1.0	2.0 ± 1.0	-a-	S
	900	1350	2.0 - 3.0	66.0 ± 11.0	1.9 ± 0.7	2.0 ± 1.0	14.0 ± 1.0	*
	950	1000	0.0 - 1.0	< 11.0 ± 0.0	2.9 ± 0.8	2.4 ± 0.9	85.0 ± 5.0	*
	950	1000	1.0 - 2.0	< 4.0 ± 0.0	1.5 ± 0.5	1.4 ± 0.7	-a-	
	950	1000	2.0 - 3.0	< 5.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.7	9.0 ± 1.0	
	950	1382	2.0 - 3.0	-a-	-a-	-a-	1.6 ± 0.4	
	950	1382	6.0 - 7.0	-a-	-a-	-a-	1.6 ± 0.3	
	950	1382	10.0 - 11.0	-a-	-a-	-a-	1.4 ± 0.4	
	1050	1000	0.0 - 1.0	< 10.0 ± 0.0	1.9 ± 0.6	< 1.0 ± 0.0	6.4 ± 0.7	
	1050	1000	1.0 - 2.0	< 4.0 ± 0.0	0.7 ± 0.4	< 1.0 ± 0.0	-a-	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1050	1000	2.0 - 3.0	< 4.0 ± 0.0	0.7 ± 0.5	< 1.0 ± 0.0	5.4 ± 1.2	
	1050	1400	0.0 - 1.0	< 6.0 ± 0.0	2.0 ± 0.6	1.0 ± 0.8	-a-	
	1050	1400	1.0 - 2.0	< 10.0 ± 0.0	2.3 ± 0.6	1.6 ± 0.8	-a-	
	1050	1400	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.6	1.3 ± 0.8	6.0 ± 0.9	
	1050	1400	7.0 - 8.0	-a-	-a-	-a-	11.0 ± 1.0	
	1050	1400	14.0 - 15.0	-a-	-a-	-a-	1.3 ± 0.3	
	1150	1008	0.0 - 1.0	< 10.0 ± 0.0	1.9 ± 0.5	4.0 ± 1.0	38.0 ± 3.0	*
	1150	1008	1.0 - 2.0	< 5.0 ± 0.0	1.0 ± 0.4	1.2 ± 0.8	-a-	
	1150	1008	2.0 - 3.0	< 4.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.7	7.2 ± 1.1	
	1200	1400	0.0 - 1.0	< 10.0 ± 0.0	2.7 ± 0.7	3.0 ± 1.0	-a-	
	1200	1400	1.0 - 2.0	< 9.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	-a-	
	1200	1400	2.0 - 3.0	< 5.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.6	2.2 ± 0.6	
	1200	1408	1.0 - 2.0	-a-	-a-	-a-	1.7 ± 0.4	
	1200	1408	4.0 - 5.0	-a-	-a-	-a-	1.3 ± 0.4	
	1200	1408	7.0 - 8.0	-a-	-a-	-a-	1.3 ± 0.3	
	1250	1009	0.0 - 1.0	< 11.0 ± 0.0	3.0 ± 0.8	1.5 ± 0.7	85.0 ± 6.0	*
	1250	1009	1.0 - 2.0	< 5.0 ± 0.0	1.5 ± 0.6	1.8 ± 0.8	-a-	
	1250	1009	2.0 - 3.0	8.0 ± 5.0	1.3 ± 0.5	1.0 ± 0.7	11.0 ± 2.0	
	1300	1450	0.0 - 1.0	12.0 ± 8.0	5.0 ± 1.0	1.1 ± 0.8	-a-	
	1300	1450	1.0 - 2.0	< 10.0 ± 0.0	2.9 ± 0.7	2.0 ± 1.0	-a-	
	1300	1450	2.0 - 3.0	< 11.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	8.8 ± 1.3	
	1300	1450	5.0 - 6.0	-a-	-a-	-a-	1.4 ± 0.5	
	1300	1450	9.0 - 10.0	-a-	-a-	-a-	1.7 ± 0.3	
	1350	1005	0.0 - 1.0	24.0 ± 11.0	1.7 ± 0.7	3.0 ± 1.0	29.0 ± 2.0	*
	1350	1005	1.0 - 2.0	14.0 ± 6.0	1.1 ± 0.6	1.4 ± 0.8	-a-	
	1350	1005	2.0 - 3.0	15.0 ± 4.0	4.0 ± 1.0	< 1.0 ± 0.0	13.0 ± 1.0	S
	1400	1444	1.0 - 2.0	< 12.0 ± 0.0	1.6 ± 0.5	2.0 ± 0.8	1.9 ± 0.4	
	1400	1444	4.0 - 5.0	-a-	-a-	-a-	1.2 ± 0.3	
	1400	1444	7.0 - 8.0	-a-	-a-	-a-	1.5 ± 0.3	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1400	1450	0.0 - 1.0	48.0 ± 13.0	6.0 ± 1.0	2.0 ± 1.0	1.5 ± 0.3	S
	1400	1450	1.0 - 2.0	< 7.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	-a-	
	1400	1450	2.0 - 3.0	12.0 ± 4.0	1.2 ± 0.7	3.0 ± 1.0	10.0 ± 10.0	
	1450	1005	0.0 - 1.0	13.0 ± 6.0	3.4 ± 0.8	1.7 ± 0.8	36.0 ± 4.0	*
	1450	1005	1.0 - 2.0	8.0 ± 5.0	5.0 ± 1.0	1.3 ± 0.9	-a-	
	1450	1005	2.0 - 3.0	9.0 ± 5.0	1.7 ± 0.5	1.2 ± 0.6	10.0 ± 1.0	
	1500	1450	0.0 - 1.0	34.0 ± 10.0	2.8 ± 0.8	0.8 ± 0.7	-a-	
	1500	1450	1.0 - 2.0	13.0 ± 5.0	1.3 ± 0.6	2.0 ± 1.0	-a-	
	1500	1450	2.0 - 3.0	12.0 ± 6.0	1.3 ± 0.6	2.0 ± 1.0	12.0 ± 1.0	
	1500	1465	1.0 - 2.0	< 10.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	5.1 ± 0.9	
	1500	1465	4.0 - 5.0	-a-	-a-	-a-	2.2 ± 0.4	
	1500	1465	7.0 - 8.0	-a-	-a-	-a-	1.9 ± 0.5	
	1550	1005	0.0 - 1.0	< 6.0 ± 0.0	1.5 ± 0.6	1.5 ± 0.8	65.0 ± 3.0	*
	1550	1005	1.0 - 2.0	< 8.0 ± 0.0	1.7 ± 0.5	1.6 ± 0.8	-a-	
	1550	1005	2.0 - 3.0	< 6.0 ± 0.0	2.5 ± 0.7	0.9 ± 0.7	19.0 ± 2.0	*
	1550	1500	0.0 - 1.0	13.0 ± 6.0	3.2 ± 0.8	1.4 ± 0.7	76.0 ± 4.0	*
	1550	1500	3.0 - 4.0	-a-	-a-	-a-	1.3 ± 0.3	
	1550	1500	7.0 - 8.0	-a-	-a-	-a-	0.9 ± 0.3	
	1648	1502	3.0 - 4.0	-a-	-a-	-a-	2.7 ± 0.8	
	1648	1502	6.0 - 7.0	-a-	-a-	-a-	1.7 ± 0.4	
	1650	1005	0.0 - 1.0	< 6.0 ± 0.0	2.1 ± 0.6	1.2 ± 0.8	55.0 ± 3.0	*
	1650	1005	1.0 - 2.0	< 10.0 ± 0.0	2.5 ± 0.7	1.8 ± 0.7	-a-	
	1650	1005	2.0 - 3.0	< 4.0 ± 0.0	1.5 ± 0.4	< 1.0 ± 0.0	3.8 ± 1.1	
	1650	1500	0.0 - 1.0	56.0 ± 11.0	39.0 ± 3.0	2.0 ± 1.0	1900 ± 100.0	*
	1650	1500	1.0 - 2.0	< 10.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	-a-	
	1650	1500	2.0 - 3.0	< 5.0 ± 0.0	2.0 ± 0.6	< 1.0 ± 0.0	32.0 ± 3.0	*
	1750	996	0.0 - 1.0	< 13.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	190.0 ± 10.0	*
	1750	996	1.0 - 2.0	< 6.0 ± 0.0	1.6 ± 0.6	1.0 ± 0.7	15.0 ± 1.0	
	1750	996	2.0 - 3.0	< 10.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	-a-	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1750	996	3.0 - 4.0	< 9.0 ± 0.0	1.3 ± 0.5	2.7 ± 0.8	15.0 ± 3.0	S
	1750	1005	0.0 - 1.0	< 11.0 ± 0.0	5.0 ± 1.0	1.7 ± 0.8	390.0 ± 10.0	*
	1750	1005	1.0 - 2.0	17.0 ± 6.0	6.0 ± 1.0	< 1.0 ± 0.0	-a-	
	1750	1005	2.0 - 3.0	< 5.0 ± 0.0	1.2 ± 0.6	1.8 ± 0.8	46.0 ± 3.0	*
	1750	1535	0.0 - 1.0	8.0 ± 8.0	15.0 ± 2.0	2.0 ± 1.0	2700 ± 100.0	*
	1750	1535	1.0 - 2.0	8.0 ± 4.0	3.0 ± 1.0	1.0 ± 0.7	-a-	
	1750	1535	2.0 - 3.0	< 9.0 ± 0.0	2.4 ± 0.7	2.0 ± 0.8	170.0 ± 10.0	*
	1750	1550	3.0 - 4.0	-a-	-a-	-a-	1.7 ± 0.3	
	1750	1550	6.0 - 7.0	-a-	-a-	-a-	1.2 ± 0.3	
	1750	1550	9.0 - 10.0	-a-	-a-	-a-	1.3 ± 0.3	
	1850	1000	0.0 - 1.0	16.0 ± 6.0	6.0 ± 1.0	2.0 ± 1.0	630.0 ± 10.0	*
	1850	1000	1.0 - 2.0	9.0 ± 5.0	1.5 ± 0.7	1.3 ± 0.9	-a-	
	1850	1000	2.0 - 3.0	< 10.0 ± 0.0	1.9 ± 0.6	1.5 ± 0.6	24.0 ± 3.0	*
	1850	1526	3.0 - 4.0	34.0 ± 12.0	2.5 ± 0.6	3.0 ± 1.0	23.0 ± 1.0	*
	1850	1526	7.0 - 8.0	-a-	-a-	-a-	4.5 ± 1.0	
	1850	1526	14.0 - 15.0	-a-	-a-	-a-	3.3 ± 0.7	
	1850	1550	0.0 - 1.0	10.0 ± 6.0	2.3 ± 0.7	1.5 ± 0.8	160.0 ± 10.0	*
	1850	1550	1.0 - 2.0	10.0 ± 5.0	2.2 ± 0.6	1.9 ± 0.8	-a-	
	1850	1550	2.0 - 3.0	< 9.0 ± 0.0	2.3 ± 0.6	2.2 ± 0.8	28.0 ± 3.0	*
	1950	998	0.0 - 1.0	< 13.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	130.0 ± 10.0	*
	1950	998	1.0 - 2.0	< 7.0 ± 0.0	1.4 ± 0.6	1.6 ± 0.7	7.7 ± 1.9	
	1950	998	2.0 - 3.0	< 10.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	5.1 ± 0.6	
	1950	998	3.0 - 4.0	< 9.0 ± 0.0	1.7 ± 0.5	2.9 ± 0.8	40.0 ± 3.0	*
	1950	1000	0.0 - 1.0	24.0 ± 8.0	2.8 ± 0.8	2.1 ± 0.9	150.0 ± 10.0	*
	1950	1000	1.0 - 2.0	7.0 ± 5.0	1.6 ± 0.6	1.0 ± 0.8	-a-	
	1950	1000	2.0 - 3.0	< 6.0 ± 0.0	0.7 ± 0.6	1.5 ± 0.8	11.0 ± 1.0	
	1950	1550	0.0 - 1.0	< 27.0 ± 0.0	130.0 ± 10	6.0 ± 2.0	15000 ± 1000	*
	1950	1550	1.0 - 2.0	< 12.0 ± 0.0	49.0 ± 3.0	< 1.0 ± 0.0	-a-	*
	1950	1550	2.0 - 3.0	35.0 ± 14.0	17.0 ± 2.0	< 1.0 ± 0.0	1400 ± 100.0	*

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1955	1535	10.0 - 11.0	10.0 ± 5.0	2.6 ± 0.6	1.3 ± 0.7	26.0 ± 2.0	*
	1955	1535	14.0 - 15.0	< 5.0 ± 0.0	1.0 ± 0.4	1.1 ± 0.6	10.0 ± 1.0	
	2050	1000	0.0 - 1.0	51.0 ± 12.0	4.0 ± 1.0	4.0 ± 1.0	260.0 ± 10.0	*
	2050	1000	1.0 - 2.0	23.0 ± 6.0	1.9 ± 0.6	1.1 ± 0.7	-a-	
	2050	1000	2.0 - 3.0	27.0 ± 11.0	2.1 ± 0.7	3.0 ± 1.0	42.0 ± 3.0	*
	2050	1590	2.0 - 3.0	< 7.0 ± 0.0	1.3 ± 0.6	2.1 ± 0.9	2.1 ± 0.4	
	2050	1590	5.0 - 6.0	-a-	-a-	-a-	1.7 ± 0.4	
	2050	1590	9.0 - 10.0	-a-	-a-	-a-	1.4 ± 0.3	
	2071	997	2.0 - 3.0	< 2.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	11.0 ± 1.0	
	2071	997	3.0 - 4.0	< 1.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	12.0 ± 1.0	
	2100	1550	0.0 - 1.0	20.0 ± 16.0	37.0 ± 2.0	< 1.0 ± 0.0	1100 ± 100.0	*
	2100	1550	1.0 - 2.0	< 9.0 ± 0.0	6.0 ± 1.0	2.0 ± 1.0	-a-	
	2100	1550	2.0 - 3.0	< 6.0 ± 0.0	< 2.7 ± 0.6	< 1.0 ± 0.0	74.0 ± 7.0	*
	2110	1525	6.0 - 7.0	< 9.0 ± 0.0	1.8 ± 0.6	3.0 ± 1.0	4.7 ± 0.7	
	2110	1525	8.0 - 9.0	-a-	-a-	-a-	2.3 ± 0.4	
	2150	1000	0.0 - 1.0	21.0 ± 7.0	12.0 ± 2.0	< 1.0 ± 0.0	260.0 ± 10.0	*
	2150	1000	1.0 - 2.0	20.0 ± 7.0	15.0 ± 2.0	< 1.0 ± 0.0	-a-	S
	2150	1000	2.0 - 3.0	31.0 ± 11.0	12.0 ± 2.0	1.2 ± 0.8	460.0 ± 10.0	*
	2165	1003	6.0 - 7.0	6.0 ± 7.0	2.2 ± 0.6	1.4 ± 0.7	-a-	
	2165	1003	7.0 - 8.0	9.0 ± 5.0	1.3 ± 0.5	1.1 ± 0.6	27.0 ± 3.0	*
	2200	1550	0.0 - 1.0	< 12.0 ± 0.0	12.0 ± 1.0	2.0 ± 1.0	1000 ± 100.0	*
	2200	1550	1.0 - 2.0	< 8.0 ± 0.0	2.0 ± 0.6	1.2 ± 0.6	-a-	
	2200	1550	2.0 - 3.0	< 5.0 ± 0.0	1.5 ± 0.6	2.0 ± 0.8	9.0 ± 1.0	
	2250	996	0.0 - 1.0	2.0 ± 8.0	3.2 ± 0.8	1.6 ± 0.9	120.0 ± 10.0	*
	2250	996	2.0 - 3.0	< 6.0 ± 0.0	1.7 ± 0.4	< 2.0 ± 0.0	11.0 ± 1.0	
	2250	1000	0.0 - 1.0	15.0 ± 4.0	2.7 ± 0.7	1.1 ± 0.7	130.0 ± 10.0	*
	2250	1000	1.0 - 2.0	17.0 ± 6.0	2.3 ± 0.7	0.9 ± 0.8	-a-	
	2250	1000	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.6	1.7 ± 0.8	4.9 ± 0.8	
	2300	1535	1.0 - 2.0	-a-	-a-	-a-	9.3 ± 0.9	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2300	1535	5.0 - 6.0	-a-	-a-	-a-	4.4 ± 0.7	
	2300	1535	9.0 - 10.0	-a-	-a-	-a-	1.2 ± 0.3	
	2350	989	1.0 - 2.0	< 6.0 ± 0.0	2.4 ± 0.8	1.3 ± 0.8	53.0 ± 3.0	*
	2350	989	4.0 - 5.0	< 5.0 ± 0.0	2.2 ± 0.6	1.2 ± 0.6	1.5 ± 0.4	
	2350	1000	0.0 - 1.0	41.0 ± 18.0	5.0 ± 1.0	4.0 ± 1.0	370.0 ± 10.0	*
	2350	1000	1.0 - 2.0	14.0 ± 5.0	2.2 ± 0.6	1.5 ± 0.8	-a-	
	2350	1000	2.0 - 3.0	< 6.0 ± 0.0	0.9 ± 0.6	1.6 ± 0.8	19.0 ± 2.0	*
	2350	1500	0.0 - 1.0	< 5.0 ± 0.0	1.1 ± 0.7	1.8 ± 0.7	580.0 ± 10.0	*
	2350	1500	1.0 - 2.0	< 10.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	-a-	
	2350	1500	2.0 - 3.0	< 8.0 ± 0.0	1.5 ± 0.6	1.7 ± 0.8	58.0 ± 2.0	*
	2450	992	2.0 - 3.0	< 5.0 ± 0.0	1.2 ± 0.5	< 2.0 ± 0.0	6.0 ± 1.0	
	2450	992	4.0 - 5.0	< 2.0 ± 0.0	1.5 ± 0.5	2.0 ± 0.1	8.2 ± 0.9	
	2450	1000	0.0 - 1.0	60.0 ± 22.0	15.0 ± 2.0	4.0 ± 1.0	1400 ± 100.0	*
	2450	1000	1.0 - 2.0	39.0 ± 12.0	2.4 ± 0.9	1.5 ± 1.0	-a-	
	2450	1000	2.0 - 3.0	24.0 ± 8.0	2.4 ± 0.7	0.9 ± 0.9	90.0 ± 5.0	*
	2450	1450	0.0 - 1.0	12.0 ± 6.0	9.0 ± 2.0	4.0 ± 1.0	520.0 ± 10.0	*
	2450	1450	1.0 - 2.0	< 9.0 ± 0.0	2.4 ± 0.7	4.0 ± 1.0	-a-	
	2450	1450	2.0 - 3.0	7.0 ± 5.0	3.4 ± 0.8	1.3 ± 0.8	520.0 ± 10.0	*
	2460	1440	1.0 - 2.0	-a-	-a-	-a-	4.9 ± 0.6	
	2460	1440	3.0 - 4.0	-a-	-a-	-a-	14.0 ± 1.0	
	2460	1440	6.0 - 7.0	-a-	-a-	-a-	1.3 ± 0.4	
	2500	1340	0.0 - 1.0	12.0 ± 6.0	8.0 ± 1.0	< 1.0 ± 0.0	120.0 ± 10.0	*
	2500	1340	1.0 - 2.0	7.0 ± 4.0	3.4 ± 0.8	3.0 ± 1.0	-a-	
	2500	1340	2.0 - 3.0	< 7.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	9.0 ± 1.0	
	2550	1000	0.0 - 1.0	12.0 ± 5.0	1.6 ± 0.7	1.2 ± 0.7	130.0 ± 10.0	*
	2550	1000	1.0 - 2.0	26.0 ± 7.0	7.0 ± 1.0	2.0 ± 0.8	-a-	
	2550	1000	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.5	2.8 ± 0.9	8.0 ± 1.0	
	2550	1430	0.0 - 1.0	< 16.0 ± 0.0	2.3 ± 0.7	< 1.0 ± 0.0	95.0 ± 3.0	*
	2550	1430	1.0 - 2.0	< 7.0 ± 0.0	2.6 ± 0.7	1.5 ± 0.8	-a-	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2550	1430	2.0 - 3.0	< 5.0 ± 0.0	1.1 ± 0.6	1.3 ± 0.8	8.2 ± 0.9	
	2600	1350	0.0 - 1.0	< 11.0 ± 0.0	2.3 ± 0.8	3.0 ± 1.0	690.0 ± 20.0	*
	2600	1350	1.0 - 2.0	< 7.0 ± 0.0	1.7 ± 0.6	1.3 ± 0.9	-a-	
	2600	1350	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	120.0 ± 10.0	*
	2600	1350	3.0 - 4.0	-a-	-a-	-a-	2.9 ± 0.4	
	2600	1350	7.0 - 8.0	-a-	-a-	-a-	1.5 ± 0.4	
	2650	1000	0.0 - 1.0	11.0 ± 4.0	2.5 ± 0.7	2.1 ± 0.8	95.0 ± 3.0	*
	2650	1000	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.5	1.0 ± 0.7	-a-	
	2650	1000	2.0 - 3.0	< 5.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.7	8.0 ± 0.8	
	2650	1250	0.0 - 1.0	16.0 ± 8.0	9.0 ± 1.0	1.6 ± 0.9	27.0 ± 2.0	*
	2650	1250	1.0 - 2.0	14.0 ± 4.0	4.0 ± 1.0	1.6 ± 0.9	-a-	
	2650	1250	2.0 - 3.0	5.0 ± 4.0	2.1 ± 0.6	1.2 ± 0.7	1.8 ± 0.3	
	2700	1350	0.0 - 1.0	< 9.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.7	62.0 ± 3.0	*
	2700	1350	1.0 - 2.0	< 6.0 ± 0.0	1.3 ± 0.6	1.0 ± 0.6	-a-	
	2700	1350	2.0 - 3.0	< 8.0 ± 0.0	1.8 ± 0.5	1.2 ± 0.8	6.5 ± 0.7	
	2750	1000	0.0 - 1.0	20.0 ± 10.0	6.0 ± 1.0	1.6 ± 1.0	400.0 ± 10.0	*
	2750	1000	1.0 - 2.0	13.0 ± 4.0	1.8 ± 0.5	3.0 ± 1.0	-a-	
	2750	1000	2.0 - 3.0	19.0 ± 8.0	2.6 ± 0.7	1.2 ± 0.8	44.0 ± 2.0	*
	2750	1250	0.0 - 1.0	< 7.0 ± 0.0	1.9 ± 0.7	2.5 ± 0.9	650.0 ± 10.0	*
	2750	1250	1.0 - 2.0	< 10.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	-a-	
	2750	1250	2.0 - 3.0	< 8.0 ± 0.0	1.5 ± 0.6	1.6 ± 0.7	200.0 ± 10.0	*
	2798	987	0.0 - 1.0	< 5.0 ± 0.0	2.3 ± 0.3	4.0 ± 1.0	34.0 ± 3.0	*
	2798	987	2.0 - 3.0	< 9.0 ± 0.0	1.2 ± 0.6	1.6 ± 0.7	2.7 ± 0.9	
	2800	1150	0.0 - 1.0	22.0 ± 8.0	10.0 ± 2.0	< 1.0 ± 0.0	680.0 ± 10.0	*
	2800	1150	1.0 - 2.0	12.0 ± 6.0	3.1 ± 0.8	1.9 ± 0.8	-a-	
	2800	1150	2.0 - 3.0	11.0 ± 6.0	4.0 ± 1.0	4.0 ± 1.0	210.0 ± 10.0	*
	2850	1000	0.0 - 1.0	17.0 ± 5.0	1.5 ± 0.6	2.2 ± 0.9	17.0 ± 1.0	*
	2850	1000	1.0 - 2.0	< 5.0 ± 0.0	1.6 ± 0.5	2.4 ± 0.9	-a-	
	2850	1000	2.0 - 3.0	8.0 ± 3.0	0.7 ± 0.5	1.8 ± 0.8	2.9 ± 0.5	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2850	1250	0.0 - 1.0	< 6.0 ± 0.0	1.6 ± 0.6	1.2 ± 0.9	33.0 ± 2.0	*
	2850	1250	1.0 - 2.0	< 5.0 ± 0.0	2.1 ± 0.7	< 1.0 ± 0.0	-a-	
	2850	1250	2.0 - 3.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	6.3 ± 0.7	
	2900	1150	0.0 - 1.0	< 8.0 ± 0.0	1.8 ± 0.7	1.8 ± 0.9	54.0 ± 5.0	*
	2900	1150	1.0 - 2.0	< 5.0 ± 0.0	0.8 ± 0.5	1.5 ± 0.8	-a-	
	2900	1150	2.0 - 3.0	< 10.0 ± 0.0	1.3 ± 0.6	1.2 ± 0.8	3.4 ± 0.5	
	2928	1045	1.0 - 2.0	< 13.0 ± 0.0	4.0 ± 1.0	1.0 ± 1.0	19.0 ± 2.0	*
	2928	1045	4.0 - 5.0	< 7.0 ± 0.0	1.6 ± 0.7	3.0 ± 1.0	-a-	
	2928	1045	8.0 - 9.0	< 7.0 ± 0.0	1.3 ± 0.6	1.1 ± 0.9	2.1 ± 1.0	
	2950	1000	0.5 - 1.0	20.0 ± 14.0	26.0 ± 2.0	2.0 ± 1.0	1900 ± 100.0	*
	2950	1000	1.0 - 2.0	31.0 ± 11.0	2.7 ± 0.7	2.2 ± 0.7	-a-	
	2950	1000	2.0 - 3.0	13.0 ± 6.0	1.8 ± 0.6	1.5 ± 1.0	40.0 ± 2.0	*
	2950	1010	3.0 - 4.0	< 5.0 ± 0.0	1.6 ± 0.3	1.1 ± 0.4	47.0 ± 3.0	*
	2950	1010	5.0 - 6.0	39.0 ± 10.0	6.0 ± 1.0	3.0 ± 1.0	-a-	S
	2950	1050	0.0 - 1.0	20.0 ± 10.0	9.0 ± 1.0	1.9 ± 0.8	540.0 ± 10.0	*
	2950	1050	1.0 - 2.0	17.0 ± 7.0	2.4 ± 0.7	2.4 ± 0.9	-a-	
	2950	1050	2.0 - 3.0	20.0 ± 10.0	0.9 ± 0.7	4.0 ± 1.0	26.0 ± 1.0	*
	2950	1250	0.5 - 1.0	< 6.0 ± 0.0	1.3 ± 0.7	2.0 ± 0.9	12.0 ± 1.0	
	2950	1250	1.0 - 2.0	< 5.0 ± 0.0	1.3 ± 0.6	1.7 ± 0.9	-a-	
	2950	1250	2.0 - 3.0	< 10.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	2.2 ± 0.4	
	3000	1150	0.0 - 1.0	< 12.0 ± 0.0	1.4 ± 0.6	1.5 ± 0.8	2.0 ± 0.4	
	3000	1150	1.0 - 2.0	< 11.0 ± 0.0	1.3 ± 0.5	4.0 ± 1.0	-a-	
	3000	1150	2.0 - 3.0	< 10.0 ± 0.0	< 1.6 ± 0.4	< 2.0 ± 0.8	-a-	
	3050	1000	0.5 - 1.0	< 11.0 ± 0.0	2.2 ± 0.7	4.0 ± 1.0	140.0 ± 10.0	*
	3050	1000	1.0 - 2.0	< 7.0 ± 0.0	1.4 ± 0.6	2.2 ± 0.9	-a-	
	3050	1000	2.0 - 3.0	< 10.0 ± 0.0	1.5 ± 0.6	3.0 ± 1.0	4.2 ± 0.7	
	3050	1050	0.0 - 1.0	< 6.0 ± 0.0	1.1 ± 0.6	1.6 ± 0.9	10.0 ± 1.0	
	3050	1050	1.0 - 2.0	< 6.0 ± 0.0	0.9 ± 0.5	1.7 ± 0.8	-a-	
	3050	1050	2.0 - 3.0	< 10.0 ± 0.0	1.2 ± 0.5	2.0 ± 0.8	2.5 ± 1.7	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3091	1028	0.0 - 1.0	38.0 ± 12.0	27.0 ± 2.0	< 1.0 ± 0.0	1400 ± 100.0	*
	3091	1028	1.0 - 2.0	20.0 ± 9.0	1.8 ± 0.6	2.0 ± 1.0	21.0 ± 1.0	*
	3091	1028	2.0 - 3.0	29.0 ± 8.0	2.0 ± 0.6	2.1 ± 0.8	7.7 ± 0.5	S
	3091	1028	3.0 - 4.0	17.0 ± 4.0	1.4 ± 0.6	1.8 ± 0.9	3.2 ± 0.6	
	3091	1028	4.0 - 5.0	11.0 ± 6.0	1.8 ± 0.5	2.7 ± 0.8	6.4 ± 0.8	
	3091	1028	6.5 - 6.5	11.0 ± 7.0	1.5 ± 0.5	2.2 ± 0.9	3.8 ± 0.8	
	3100	1140	0.0 - 1.0	< 8.0 ± 0.0	1.6 ± 0.5	0.7 ± 0.6	15.0 ± 2.0	
	3100	1140	1.0 - 2.0	< 4.0 ± 0.0	1.0 ± 0.5	1.2 ± 0.7	-a-	
	3100	1140	2.0 - 3.0	< 8.0 ± 0.0	1.5 ± 0.5	1.7 ± 0.8	1.2 ± 0.4	
	3150	1000	0.5 - 1.0	< 8.0 ± 0.0	2.8 ± 0.8	2.2 ± 0.8	160.0 ± 10.0	*
	3150	1000	1.0 - 2.0	< 10.0 ± 0.0	2.0 ± 0.6	1.0 ± 0.9	-a-	
	3150	1000	2.0 - 3.0	< 5.0 ± 0.0	1.3 ± 0.5	2.1 ± 0.9	11.0 ± 1.0	
	3150	1050	0.0 - 1.0	< 6.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.8	2.5 ± 0.6	
	3150	1050	1.0 - 2.0	< 9.0 ± 0.0	1.6 ± 0.5	2.0 ± 0.8	-a-	
	3150	1050	2.0 - 3.0	< 5.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.7	1.0 ± 0.4	
	3200	1150	0.0 - 1.0	7.0 ± 4.0	4.0 ± 1.0	2.5 ± 0.9	110.0 ± 10.0	*
	3200	1150	1.0 - 2.0	< 6.0 ± 0.0	0.7 ± 0.5	1.4 ± 0.8	-a-	
	3200	1150	2.0 - 3.0	< 9.0 ± 0.0	1.3 ± 0.5	1.7 ± 0.7	6.0 ± 1.5	
	3250	1000	0.5 - 1.0	< 10.0 ± 0.0	2.7 ± 0.8	2.4 ± 0.9	120.0 ± 10.0	*
	3250	1000	1.0 - 2.0	< 6.0 ± 0.0	1.1 ± 0.7	2.0 ± 1.0	-a-	
	3250	1000	2.0 - 3.0	< 6.0 ± 0.0	1.6 ± 0.5	1.5 ± 0.8	12.0 ± 1.0	
	3250	1050	0.0 - 1.0	< 6.0 ± 0.0	1.4 ± 0.6	1.9 ± 1.0	13.0 ± 1.0	
	3250	1050	1.0 - 2.0	< 5.0 ± 0.0	0.7 ± 0.5	< 1.0 ± 0.0	-a-	
	3250	1050	2.0 - 3.0	< 10.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.7	1.4 ± 0.5	
	3304	1069	0.0 - 1.0	< 14.0 ± 0.0	5.0 ± 1.0	1.4 ± 0.9	150.0 ± 10.0	*
	3304	1069	4.0 - 5.0	< 7.0 ± 0.0	1.1 ± 0.5	1.7 ± 0.8	1.4 ± 0.3	
	3350	1000	0.5 - 1.0	5.0 ± 3.0	3.0 ± 1.0	1.6 ± 0.9	130.0 ± 10.0	*
	3350	1000	1.0 - 2.0	< 5.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	-a-	
	3350	1000	2.0 - 3.0	< 13.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	9.0 ± 2.0	

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Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ditches to the North & South of SLAPS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3350	1050	0.0 - 1.0	< 6.0 ± 0.0	1.3 ± 0.6	1.3 ± 0.8	19.0 ± 3.0	*
	3350	1050	1.0 - 2.0	< 4.0 ± 0.0	0.9 ± 0.5	< 1.0 ± 0.0	-a-	
	3350	1050	2.0 - 3.0	< 10.0 ± 0.0	1.4 ± 0.5	1.4 ± 1.0	3.3 ± 1.5	
	3450	1000	0.5 - 1.0	6.0 ± 5.0	3.6 ± 0.8	1.7 ± 0.9	87.0 ± 7.0	*
	3450	1000	1.0 - 2.0	< 10.0 ± 0.0	2.8 ± 0.7	3.0 ± 1.0	-a-	
	3450	1000	2.0 - 3.0	< 6.0 ± 0.0	1.1 ± 0.5	0.9 ± 0.7	15.0 ± 3.0	
	3540	1000	0.0 - 1.0	< 9.0 ± 0.0	3.0 ± 1.0	1.1 ± 0.7	230.0 ± 10.0	*
	3540	1000	1.0 - 2.0	< 11.0 ± 0.0	2.8 ± 0.8	1.9 ± 0.8	-a-	
	3540	1000	2.0 - 3.0	< 6.0 ± 0.0	2.4 ± 0.8	2.0 ± 0.8	110.0 ± 10.0	*
	3600	985	2.0 - 3.0	< 9.0 ± 0.0	0.9 ± 0.5	2.0 ± 1.0	5.9 ± 1.7	
	3600	985	4.0 - 5.0	< 10.0 ± 0.0	1.6 ± 0.5	2.2 ± 0.7	3.8 ± 0.9	
	3600	985	7.0 - 8.0	< 9.0 ± 0.0	1.4 ± 0.5	3.0 ± 1.0	4.8 ± 1.0	
	3705	1007	0.0 - 1.0	< 6.0 ± 0.0	2.2 ± 0.6	< 1.0 ± 0.0	60.0 ± 3.0	*
	3705	1007	2.0 - 3.0	< 9.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.6	8.5 ± 0.9	
	3705	1007	4.0 - 5.0	< 5.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	5.6 ± 1.0	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	800	850	0.0 - 1.0	< 3.0 ± 0.0	0.9 ± 0.4	< 1.0 ± 0.0	1.2 ± 0.3
	800	850	1.0 - 2.0	< 20.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.3 ± 0.3
	800	850	2.0 - 3.0	< 12.0 ± 0.0	1.4 ± 0.9	2.0 ± 1.0	1.3 ± 0.4
	800	850	3.0 - 4.0	< 13.0 ± 0.0	2.5 ± 0.7	3.0 ± 1.0	1.3 ± 0.5
	800	850	4.0 - 5.0	< 12.0 ± 0.0	2.0 ± 0.8	2.0 ± 1.0	1.6 ± 0.3
	800	850	5.0 - 6.0	< 14.0 ± 0.0	3.1 ± 0.9	3.0 ± 1.0	1.5 ± 0.5
	800	850	6.0 - 7.0	< 6.0 ± 0.0	1.4 ± 0.8	1.2 ± 0.8	1.2 ± 0.3
	800	850	7.0 - 8.0	< 6.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	1.6 ± 0.4
	800	850	8.0 - 9.0	< 14.0 ± 0.0	2.0 ± 1.0	4.0 ± 1.0	1.2 ± 0.3
	800	875	0.0 - 1.0	< 11.0 ± 0.0	1.5 ± 0.6	1.8 ± 0.8	0.9 ± 0.3
	800	875	1.0 - 2.0	< 9.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	1.6 ± 0.4
	800	875	2.0 - 3.0	< 19.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.0 ± 0.3
	800	875	3.0 - 4.0	< 22.0 ± 0.0	< 1.0 ± 0.0	5.0 ± 2.0	1.1 ± 0.4
	800	875	4.0 - 5.0	< 17.0 ± 0.0	3.0 ± 1.0	2.0 ± 2.0	1.4 ± 0.4
	800	875	5.0 - 6.0	< 14.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	1.2 ± 0.3
	800	875	6.0 - 7.0	< 7.0 ± 0.0	1.7 ± 0.8	2.0 ± 1.0	1.5 ± 0.4
	800	875	7.0 - 8.0	< 13.0 ± 0.0	1.3 ± 0.8	3.0 ± 1.0	1.5 ± 0.4
	800	875	8.0 - 9.0	< 12.0 ± 0.0	1.0 ± 0.7	2.0 ± 1.0	1.1 ± 0.3
	800	875	9.0 - 10.0	< 12.0 ± 0.0	1.8 ± 0.7	< 1.0 ± 0.0	1.3 ± 0.3
	800	875	10.0 - 11.0	< 12.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	1.1 ± 0.3
	900	875	0.0 - 1.0	< 6.0 ± 0.0	1.1 ± 0.5	1.1 ± 0.6	1.1 ± 0.3
	900	875	1.0 - 2.0	< 18.0 ± 0.0	2.1 ± 0.8	3.0 ± 1.0	1.1 ± 0.3
	900	875	2.0 - 3.0	< 11.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	1.1 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	900	875	3.0 - 4.0	< 13.0 ± 0.0	1.9 ± 0.8	3.0 ± 1.0	0.7 ± 0.3
	900	875	4.0 - 5.0	< 7.0 ± 0.0	1.4 ± 0.6	1.5 ± 0.9	1.3 ± 0.3
	900	875	5.0 - 6.0	< 7.0 ± 0.0	1.7 ± 0.9	3.0 ± 1.0	1.3 ± 0.3
	900	875	6.0 - 7.0	< 14.0 ± 0.0	1.8 ± 0.8	3.0 ± 1.0	1.7 ± 0.4
	1000	850	0.0 - 1.0	< 10.0 ± 0.0	0.8 ± 0.5	2.4 ± 0.8	< 0.4 ± 0.0
	1000	850	1.0 - 2.0	< 8.0 ± 0.0	2.7 ± 0.9	< 1.0 ± 0.0	2.7 ± 0.5
	1000	850	2.0 - 3.0	< 11.0 ± 0.0	1.5 ± 0.7	1.6 ± 0.9	1.5 ± 0.4
	1000	850	3.0 - 4.0	< 25.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.4 ± 0.5
	1000	850	4.0 - 5.0	< 13.0 ± 0.0	2.3 ± 0.9	< 1.0 ± 0.0	1.4 ± 0.4
	1000	850	5.0 - 6.0	< 13.0 ± 0.0	2.4 ± 0.8	3.0 ± 1.0	1.3 ± 0.4
	1000	850	6.0 - 7.0	< 13.0 ± 0.0	2.5 ± 0.7	3.0 ± 1.0	-a-
	1000	875	0.0 - 1.0	< 4.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.6	1.2 ± 0.4
	1000	875	1.0 - 2.0	< 7.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	1.2 ± 0.3
	1000	875	2.0 - 3.0	< 8.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.3 ± 0.4
	1000	875	3.0 - 4.0	< 22.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	1.5 ± 0.4
	1000	875	4.0 - 5.0	< 7.0 ± 0.0	2.6 ± 0.8	3.0 ± 1.0	1.0 ± 0.3
	1000	875	5.0 - 6.0	< 17.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.2 ± 0.3
	1000	875	6.0 - 7.0	< 32.0 ± 0.0	3.0 ± 2.0	3.0 ± 2.0	1.1 ± 0.3
	1000	875	7.0 - 8.0	< 41.0 ± 0.0	5.0 ± 2.0	< 5.0 ± 0.0	1.4 ± 0.4
	1000	875	8.0 - 9.0	< 30.0 ± 0.0	< 7.0 ± 0.0	< 7.0 ± 0.0	1.9 ± 0.5
	1100	875	0.0 - 1.0	< 10.0 ± 0.0	1.2 ± 0.4	< 1.0 ± 0.0	1.0 ± 0.4
	1100	875	1.0 - 2.0	< 15.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.6 ± 0.4
	1100	875	2.0 - 3.0	< 15.0 ± 0.0	2.8 ± 0.8	5.0 ± 2.0	1.2 ± 0.4
	1100	875	3.0 - 4.0	< 3.0 ± 0.0	2.3 ± 0.8	< 2.0 ± 0.0	1.3 ± 0.6
	1100	875	4.0 - 5.0	< 16.0 ± 0.0	1.3 ± 0.8	4.0 ± 2.0	1.4 ± 0.4
	1100	875	5.0 - 6.0	< 17.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.4 ± 0.4
	1100	875	6.0 - 7.0	< 18.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	1.9 ± 0.4
	1100	875	7.0 - 8.0	< 18.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.0 ± 0.3
	1100	875	8.0 - 9.0	< 1.0 ± 0.0	3.0 ± 1.0	1.0 ± 1.0	1.4 ± 0.6

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Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1190	850	0.0 - 1.0	< 12.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	0.8 ± 0.2
	1190	850	1.0 - 2.0	< 24.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	1.0 ± 0.4
	1190	850	2.0 - 3.0	< 8.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.1 ± 0.3
	1190	850	3.0 - 4.0	< 13.0 ± 0.0	1.6 ± 0.7	3.0 ± 1.0	1.2 ± 0.7
	1190	850	4.0 - 5.0	< 9.0 ± 0.0	2.2 ± 0.8	1.1 ± 0.9	1.1 ± 0.3
	1190	850	5.0 - 6.0	< 15.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	1.3 ± 0.3
	1190	850	6.0 - 7.0	< 12.0 ± 0.0	2.7 ± 0.8	4.0 ± 1.0	1.0 ± 0.4
	1190	874	0.0 - 1.0	< 9.0 ± 0.0	1.3 ± 0.5	1.0 ± 0.5	1.4 ± 0.3
	1190	874	1.0 - 2.0	< 8.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.0 ± 0.3
	1190	874	2.0 - 3.0	< 13.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	0.8 ± 0.3
	1190	874	3.0 - 4.0	< 3.0 ± 0.0	2.0 ± 0.8	2.0 ± 1.0	1.0 ± 0.2
	1190	874	4.0 - 5.0	< 10.0 ± 0.0	1.5 ± 0.7	< 1.0 ± 0.0	1.2 ± 0.3
	1190	874	5.0 - 6.0	< 11.0 ± 0.0	1.5 ± 0.7	2.0 ± 1.0	1.1 ± 0.3
	1190	874	6.0 - 7.0	< 3.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	1.1 ± 0.3
	1300	874	0.0 - 1.0	< 9.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.3
	1300	874	1.0 - 2.0	< 30.0 ± 0.0	4.0 ± 1.0	< 4.0 ± 0.0	1.3 ± 0.3
	1300	874	2.0 - 3.0	< 3.0 ± 0.0	2.3 ± 0.8	2.0 ± 1.0	1.1 ± 0.3
	1300	874	3.0 - 4.0	< 11.0 ± 0.0	1.8 ± 0.8	2.0 ± 1.0	1.4 ± 0.4
	1300	874	4.0 - 5.0	< 5.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.3 ± 0.3
	1310	853	0.0 - 1.0	< 9.0 ± 0.0	1.1 ± 0.5	0.9 ± 0.5	0.8 ± 0.4
	1310	853	1.0 - 2.0	< 9.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	1.5 ± 0.3
	1310	853	2.0 - 3.0	< 12.0 ± 0.0	1.5 ± 0.8	< 1.0 ± 0.0	1.2 ± 0.5
	1310	853	3.0 - 4.0	< 25.0 ± 0.0	4.0 ± 2.0	< 3.0 ± 0.0	1.5 ± 0.4
	1310	853	4.0 - 5.0	< 14.0 ± 0.0	2.8 ± 0.8	3.0 ± 1.0	1.4 ± 0.6
	1390	874	0.0 - 1.0	< 6.0 ± 0.0	1.0 ± 0.3	< 1.0 ± 0.0	0.8 ± 0.3
	1390	874	1.0 - 2.0	< 17.0 ± 0.0	2.5 ± 0.8	3.0 ± 1.0	1.0 ± 0.3
	1390	874	2.0 - 3.0	< 9.0 ± 0.0	2.4 ± 0.7	2.8 ± 0.7	1.8 ± 0.4
	1390	874	3.0 - 4.0	< 8.0 ± 0.0	2.9 ± 0.7	2.6 ± 0.8	1.2 ± 0.3
	1390	874	4.0 - 5.0	< 9.0 ± 0.0	2.1 ± 0.8	3.0 ± 1.0	1.2 ± 0.3

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Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1450	850	0.0 - 1.0	< 5.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.3	
	1450	850	1.0 - 2.0	< 16.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	1.5 ± 0.4	
	1450	850	2.0 - 3.0	< 15.0 ± 0.0	1.6 ± 0.8	3.0 ± 1.0	1.5 ± 0.3	
	1450	850	3.0 - 4.0	< 15.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	1.3 ± 0.3	
	1450	850	4.0 - 5.0	< 16.0 ± 0.0	3.0 ± 1.0	4.0 ± 1.0	1.6 ± 0.4	
	1500	874	0.0 - 1.0	< 12.0 ± 0.0	1.0 ± 0.5	1.5 ± 0.7	0.6 ± 0.3	
	1500	874	1.0 - 2.0	8.0 ± 6.0	1.0 ± 1.0	< 2.0 ± 0.0	1.4 ± 0.3	
	1500	874	2.0 - 3.0	< 5.0 ± 0.0	1.7 ± 0.4	2.0 ± 0.7	1.2 ± 0.4	
	1500	874	3.0 - 4.0	10.0 ± 9.0	3.2 ± 0.9	2.0 ± 1.0	1.4 ± 0.3	
	1500	874	4.0 - 5.0	< 8.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	1.2 ± 0.3	
	1600	850	0.0 - 1.0	< 11.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	34.0 ± 2.0	*
	1600	850	1.0 - 2.0	< 15.0 ± 0.0	1.8 ± 0.8	< 1.0 ± 0.0	1.7 ± 0.3	
	1600	850	2.0 - 3.0	< 9.0 ± 0.0	2.7 ± 0.8	2.0 ± 1.0	1.6 ± 0.4	
	1600	850	3.0 - 4.0	< 8.0 ± 0.0	3.0 ± 1.0	5.0 ± 2.0	1.6 ± 0.4	
	1600	850	4.0 - 5.0	< 16.0 ± 0.0	2.4 ± 0.9	3.0 ± 2.0	1.1 ± 0.3	
	1600	874	0.0 - 1.0	< 7.0 ± 0.0	1.2 ± 0.6	< 2.0 ± 0.0	1.1 ± 0.3	
	1600	874	1.0 - 2.0	< 18.0 ± 0.0	3.0 ± 1.0	1.6 ± 0.9	0.9 ± 0.2	
	1600	874	2.0 - 3.0	< 8.0 ± 0.0	1.6 ± 0.8	1.3 ± 0.6	1.2 ± 0.4	
	1600	874	3.0 - 4.0	< 14.0 ± 0.0	4.0 ± 2.0	6.0 ± 2.0	1.5 ± 0.5	
	1600	874	4.0 - 5.0	< 17.0 ± 0.0	1.5 ± 0.9	2.0 ± 1.0	1.2 ± 0.3	
	1700	874	0.0 - 1.0	< 3.0 ± 0.0	1.8 ± 0.3	< 1.0 ± 0.0	1.1 ± 0.3	
	1700	874	1.0 - 2.0	< 18.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	1.0 ± 0.3	
	1700	874	2.0 - 3.0	< 5.0 ± 0.0	1.0 ± 0.4	< 1.0 ± 0.0	1.0 ± 0.3	
	1700	874	3.0 - 4.0	< 16.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	0.8 ± 0.6	
	1700	874	4.0 - 5.0	< 9.0 ± 0.0	2.5 ± 0.9	3.0 ± 1.0	1.2 ± 0.3	
	1800	853	0.0 - 1.0	< 9.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	0.6 ± 0.4	
	1800	853	1.0 - 2.0	< 13.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	2.1 ± 0.4	
	1800	853	2.0 - 3.0	< 10.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	0.8 ± 0.6	
	1800	853	3.0 - 4.0	< 9.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	0.8 ± 0.5	

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Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1800	853	4.0 - 5.0	< 17.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	1.6 ± 0.4
	1800	874	0.0 - 1.0	< 7.0 ± 0.0	0.9 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.6
	1800	874	1.0 - 2.0	< 5.0 ± 0.0	2.1 ± 0.5	< 1.0 ± 0.0	1.1 ± 0.3
	1800	874	2.0 - 3.0	< 17.0 ± 0.0	1.9 ± 0.8	5.0 ± 1.0	1.6 ± 0.4
	1800	874	3.0 - 4.0	< 11.0 ± 0.0	2.7 ± 0.7	3.0 ± 1.0	1.9 ± 0.5
	1800	874	4.0 - 5.0	< 13.0 ± 0.0	1.5 ± 0.5	2.0 ± 2.0	1.2 ± 0.3
	1900	874	0.0 - 1.0	< 6.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	1.1 ± 0.3
	1900	874	1.0 - 2.0	< 18.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	0.9 ± 0.3
	1900	874	2.0 - 3.0	< 17.0 ± 0.0	1.5 ± 0.7	2.0 ± 1.0	1.4 ± 0.4
	1900	874	3.0 - 4.0	< 21.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.3 ± 0.3
	1900	874	4.0 - 5.0	< 8.0 ± 0.0	2.1 ± 0.8	2.0 ± 1.0	1.4 ± 0.3
	1900	874	5.0 - 6.0	< 13.0 ± 0.0	2.5 ± 0.9	2.0 ± 1.0	1.7 ± 0.4
	1900	874	6.0 - 7.0	< 15.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	0.8 ± 0.4
	2000	850	0.0 - 1.0	< 10.0 ± 0.0	1.2 ± 0.4	< 1.0 ± 0.0	1.4 ± 0.3
	2000	850	1.0 - 2.0	< 20.0 ± 0.0	1.9 ± 0.9	< 1.0 ± 0.0	1.0 ± 0.4
	2000	850	2.0 - 3.0	< 21.0 ± 0.0	5.0 ± 2.0	3.0 ± 3.0	1.0 ± 0.3
	2000	850	3.0 - 4.0	< 24.0 ± 0.0	5.0 ± 2.0	< 3.0 ± 0.0	1.2 ± 0.3
	2000	850	4.0 - 5.0	< 20.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.2 ± 0.3
	2000	874	0.0 - 1.0	< 9.0 ± 0.0	1.3 ± 0.4	< 1.0 ± 0.0	0.8 ± 0.2
	2000	874	1.0 - 2.0	< 20.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	1.5 ± 0.4
	2000	874	2.0 - 3.0	< 12.0 ± 0.0	1.6 ± 0.6	< 2.0 ± 0.0	1.3 ± 0.3
	2000	874	3.0 - 4.0	< 46.0 ± 0.0	7.0 ± 3.0	< 5.0 ± 0.0	1.3 ± 0.4
	2000	874	4.0 - 5.0	< 10.0 ± 0.0	1.7 ± 0.9	1.0 ± 1.0	1.4 ± 0.4
	2100	874	0.0 - 1.0	< 8.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	1.1 ± 0.3
	2100	874	1.0 - 2.0	< 8.0 ± 0.0	1.4 ± 1.1	< 1.0 ± 0.0	1.3 ± 0.3
	2100	874	2.0 - 3.0	< 12.0 ± 0.0	1.1 ± 0.8	2.0 ± 1.0	1.2 ± 0.3
	2100	874	3.0 - 4.0	< 23.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	1.5 ± 0.4
	2100	874	4.0 - 5.0	< 10.0 ± 0.0	1.5 ± 0.7	1.8 ± 0.5	1.2 ± 0.3
	2100	874	5.0 - 6.0	< 17.0 ± 0.0	4.0 ± 1.0	2.0 ± 2.0	1.3 ± 0.3

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2100	874	6.0 - 7.0	< 8.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.2 ± 0.4
	2200	850	0.0 - 1.0	< 10.0 ± 0.0	0.9 ± 0.4	< 1.0 ± 0.0	0.9 ± 0.3
	2200	850	1.0 - 2.0	< 14.0 ± 0.0	2.4 ± 0.8	< 1.0 ± 0.0	1.5 ± 0.3
	2200	850	3.0 - 4.0	< 18.0 ± 0.0	2.1 ± 0.9	3.0 ± 2.0	1.7 ± 0.4
	2200	850	4.0 - 5.0	< 9.0 ± 0.0	1.7 ± 0.8	2.0 ± 1.0	1.3 ± 0.3
	2200	850	5.0 - 6.0	< 10.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	1.3 ± 0.3
	2200	850	6.0 - 7.0	< 16.0 ± 0.0	2.0 ± 0.8	2.0 ± 1.0	1.4 ± 0.3
	2200	873	0.0 - 1.0	< 4.0 ± 0.0	1.0 ± 0.4	0.8 ± 0.4	0.5 ± 0.2
	2200	873	1.0 - 2.0	< 7.0 ± 0.0	1.4 ± 0.6	< 1.0 ± 0.0	1.9 ± 0.3
	2200	873	2.0 - 3.0	< 8.0 ± 0.0	1.4 ± 0.9	2.0 ± 1.0	1.2 ± 0.4
	2200	873	3.0 - 4.0	< 5.0 ± 0.0	2.6 ± 0.5	2.8 ± 0.6	1.3 ± 0.5
	2200	873	4.0 - 5.0	< 9.0 ± 0.0	1.9 ± 0.8	2.0 ± 1.0	1.4 ± 0.4
	2200	873	5.0 - 6.0	< 9.0 ± 0.0	1.3 ± 0.7	1.0 ± 1.0	1.4 ± 0.4
	2200	873	6.0 - 7.0	< 17.0 ± 0.0	1.8 ± 0.9	4.0 ± 1.0	1.6 ± 0.5
	2300	873	0.0 - 1.0	< 3.0 ± 0.0	1.6 ± 0.3	< 1.0 ± 0.0	1.1 ± 0.4
	2300	873	1.0 - 2.0	< 9.0 ± 0.0	2.0 ± 1.0	1.0 ± 1.0	1.6 ± 0.4
	2300	873	2.0 - 3.0	< 11.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	0.9 ± 0.3
	2300	873	3.0 - 4.0	< 5.0 ± 0.0	1.0 ± 0.5	1.1 ± 0.7	0.8 ± 0.2
	2300	873	4.0 - 5.0	< 5.0 ± 0.0	0.9 ± 0.5	2.2 ± 0.8	1.5 ± 0.4
	2300	873	5.0 - 6.0	< 8.0 ± 0.0	1.9 ± 0.7	2.0 ± 1.0	1.2 ± 0.8
	2300	873	6.0 - 7.0	< 15.0 ± 0.0	2.7 ± 0.8	< 2.0 ± 0.0	1.0 ± 0.3
	2400	852	0.0 - 1.0	< 11.0 ± 0.0	1.7 ± 0.6	1.0 ± 0.7	0.9 ± 0.3
	2400	852	1.0 - 2.0	< 16.0 ± 0.0	2.5 ± 0.9	< 1.0 ± 0.0	1.4 ± 0.3
	2400	852	2.0 - 3.0	< 12.0 ± 0.0	1.9 ± 0.9	2.0 ± 1.0	1.1 ± 0.3
	2400	852	3.0 - 4.0	< 12.0 ± 0.0	1.8 ± 0.7	1.8 ± 0.9	1.2 ± 0.3
	2400	852	4.0 - 5.0	< 11.0 ± 0.0	1.4 ± 0.6	2.0 ± 1.0	1.2 ± 0.3
	2400	852	5.0 - 6.0	< 13.0 ± 0.0	1.6 ± 0.7	< 1.0 ± 0.0	1.3 ± 0.3
	2400	852	6.0 - 7.0	< 16.0 ± 0.0	1.8 ± 0.8	1.5 ± 0.8	1.3 ± 0.3
	2400	874	0.0 - 1.0	< 9.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	0.8 ± 0.2

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2400	874	1.0 - 2.0	< 5.0 ± 0.0	2.1 ± 0.9	< 1.0 ± 0.0	1.8 ± 0.3
	2400	874	3.0 - 4.0	< 8.0 ± 0.0	1.9 ± 0.9	3.0 ± 1.0	1.6 ± 0.4
	2400	874	4.0 - 5.0	< 15.0 ± 0.0	2.2 ± 0.8	< 1.0 ± 0.0	2.9 ± 0.4
	2400	874	5.0 - 6.0	< 23.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	1.8 ± 0.5
	2400	874	6.0 - 7.0	< 6.0 ± 0.0	3.0 ± 0.6	3.2 ± 0.5	0.9 ± 0.3
	2500	875	0.0 - 1.0	< 4.0 ± 0.0	0.9 ± 0.4	< 1.0 ± 0.0	1.7 ± 0.3
	2500	875	1.0 - 2.0	< 27.0 ± 0.0	5.0 ± 2.0	< 4.0 ± 0.0	1.5 ± 0.4
	2500	875	3.0 - 4.0	< 8.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	1.7 ± 0.4
	2500	875	4.0 - 5.0	< 7.0 ± 0.0	1.3 ± 0.8	2.0 ± 1.0	1.1 ± 0.3
	2500	875	5.0 - 6.0	< 12.0 ± 0.0	2.2 ± 0.8	3.0 ± 1.0	1.2 ± 0.3
	2500	875	6.0 - 7.0	< 15.0 ± 0.0	2.1 ± 0.7	< 1.0 ± 0.0	1.2 ± 0.3
	2600	853	0.0 - 1.0	< 9.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	0.8 ± 0.3
	2600	853	1.0 - 2.0	< 11.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	1.7 ± 0.4
	2600	853	2.0 - 3.0	< 22.0 ± 0.0	0.9 ± 0.6	2.0 ± 1.0	2.8 ± 0.3
	2600	876	0.0 - 1.0	< 9.0 ± 0.0	0.9 ± 0.4	< 1.0 ± 0.0	1.0 ± 0.3
	2600	876	1.0 - 2.0	< 15.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	1.9 ± 0.3
	2600	876	2.0 - 3.0	< 28.0 ± 0.0	4.0 ± 1.0	< 4.0 ± 0.0	1.5 ± 0.4
	2600	876	3.0 - 4.0	< 9.0 ± 0.0	< 1.0 ± 0.0	3.0 ± 1.0	1.3 ± 0.3
	2600	876	4.0 - 5.0	< 8.0 ± 0.0	2.2 ± 0.9	2.0 ± 1.0	1.2 ± 0.6
	2700	875	0.0 - 1.0	< 6.0 ± 0.0	1.4 ± 0.2	< 1.0 ± 0.0	0.9 ± 0.1
	2700	875	1.0 - 2.0	< 14.0 ± 0.0	2.4 ± 0.8	< 2.0 ± 0.0	1.4 ± 0.4
	2700	875	2.0 - 3.0	< 5.0 ± 0.0	2.6 ± 0.4	1.2 ± 0.5	1.0 ± 0.3
	2700	875	3.0 - 4.0	< 5.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	1.7 ± 0.4
	2700	875	4.0 - 5.0	< 14.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	0.9 ± 0.3
	2800	853	0.0 - 1.0	< 5.0 ± 0.0	1.5 ± 0.5	1.1 ± 0.7	0.9 ± 0.3
	2800	853	1.0 - 2.0	< 21.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	1.3 ± 0.6
	2800	853	2.0 - 3.0	< 15.0 ± 0.0	2.3 ± 0.8	3.0 ± 1.0	0.8 ± 0.5
	2800	874	0.0 - 1.0	< 3.0 ± 0.0	1.1 ± 0.5	< 2.0 ± 0.0	0.7 ± 0.3
	2800	874	1.0 - 2.0	< 6.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	0.9 ± 0.4

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2800	874	2.0 - 3.0	< 11.0 ± 0.0	4.0 ± 1.0	2.0 ± 2.0	1.3 ± 0.4
	2800	874	3.0 - 4.0	< 10.0 ± 0.0	2.0 ± 1.0	4.0 ± 1.0	1.0 ± 0.3
	2800	874	4.0 - 5.0	< 9.0 ± 0.0	2.1 ± 0.9	3.0 ± 1.0	0.9 ± 0.2
	2900	875	0.0 - 1.0	< 5.0 ± 0.0	1.1 ± 0.2	< 1.0 ± 0.0	1.1 ± 0.3
	2900	875	1.0 - 2.0	< 12.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	2.3 ± 0.5
	2900	875	2.0 - 3.0	< 13.0 ± 0.0	2.6 ± 0.8	< 1.0 ± 0.0	1.3 ± 0.3
	2900	875	3.0 - 4.0	16.0 ± 11.0	3.0 ± 2.0	4.0 ± 2.0	1.2 ± 0.4
	2900	875	4.0 - 5.0	< 6.0 ± 0.0	1.2 ± 0.5	2.3 ± 0.7	4.5 ± 0.8
	3000	850	0.0 - 1.0	< 11.0 ± 0.0	1.6 ± 0.5	< 1.0 ± 0.0	1.8 ± 0.8
	3000	850	1.0 - 2.0	< 24.0 ± 0.0	6.0 ± 1.0	< 3.0 ± 0.0	1.2 ± 0.3
	3000	850	2.0 - 3.0	< 10.0 ± 0.0	1.6 ± 0.3	1.6 ± 0.4	1.1 ± 0.4
	3000	875	0.0 - 1.0	< 3.0 ± 0.0	0.8 ± 0.8	< 1.0 ± 0.0	4.0 ± 0.6
	3000	875	1.0 - 2.0	< 11.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	2.4 ± 0.5
	3000	875	2.0 - 3.0	< 3.0 ± 0.0	2.2 ± 0.8	1.9 ± 0.8	1.4 ± 0.3
	3000	875	3.0 - 4.0	< 38.0 ± 0.0	< 2.0 ± 0.0	< 3.0 ± 0.0	1.4 ± 0.3
	3000	875	4.0 - 5.0	< 19.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.5 ± 0.4
	3100	875	0.0 - 1.0	< 4.0 ± 0.0	1.8 ± 0.5	0.6 ± 0.5	4.0 ± 1.0
	3100	875	1.0 - 2.0	< 4.0 ± 0.0	< 1.0 ± 0.0	< 2.0 ± 0.0	1.9 ± 0.4
	3100	875	2.0 - 3.0	< 7.0 ± 0.0	1.4 ± 0.8	2.0 ± 1.0	1.2 ± 0.4
	3100	875	3.0 - 4.0	< 22.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.1 ± 0.5
	3100	875	4.0 - 5.0	< 9.0 ± 0.0	0.9 ± 0.8	< 1.0 ± 0.0	1.2 ± 0.3
	3200	853	0.0 - 1.0	< 11.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0	1.3 ± 0.3
	3200	853	1.0 - 2.0	< 19.0 ± 0.0	4.0 ± 1.0	< 1.0 ± 0.0	2.2 ± 0.5
	3200	853	2.0 - 3.0	< 5.0 ± 0.0	1.9 ± 0.6	0.9 ± 0.7	1.3 ± 0.3
	3200	853	3.0 - 4.0	< 17.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	0.7 ± 0.2
	3200	853	4.0 - 5.0	< 7.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	0.9 ± 0.5
	3200	875	0.0 - 1.0	< 6.0 ± 0.0	1.1 ± 0.7	< 1.0 ± 0.0	4.0 ± 0.5
	3200	875	1.0 - 2.0	< 4.0 ± 0.0	1.3 ± 0.6	2.1 ± 0.5	1.1 ± 0.3
	3200	875	2.0 - 3.0	< 8.0 ± 0.0	< 0.9 ± 0.0	< 1.0 ± 0.0	1.2 ± 0.2

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3200	875	3.0 - 4.0	< 3.0 ± 0.0	1.6 ± 0.5	1.5 ± 0.6	1.2 ± 0.3
	3200	875	4.0 - 5.0	< 11.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	1.4 ± 0.4
	3200	875	5.0 - 6.0	< 7.0 ± 0.0	2.0 ± 0.8	2.0 ± 1.0	5.0 ± 0.7
	3200	875	6.0 - 7.0	< 15.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	1.3 ± 0.3
	3300	876	0.0 - 1.0	< 10.0 ± 0.0	0.7 ± 0.4	< 1.0 ± 0.0	1.2 ± 0.5
	3300	876	1.0 - 2.0	< 16.0 ± 0.0	2.5 ± 0.9	2.0 ± 1.0	1.2 ± 0.3
	3300	876	2.0 - 3.0	< 9.0 ± 0.0	2.5 ± 0.8	2.0 ± 1.0	1.3 ± 0.3
	3300	876	3.0 - 4.0	< 5.0 ± 0.0	3.0 ± 1.0	2.0 ± 0.9	1.1 ± 0.4
	3300	876	4.0 - 5.0	< 14.0 ± 0.0	4.0 ± 1.0	3.0 ± 2.0	1.1 ± 0.3
	3300	876	5.0 - 6.0	< 15.0 ± 0.0	1.7 ± 0.8	3.0 ± 1.0	2.0 ± 0.4
	3300	876	6.0 - 7.0	< 14.0 ± 0.0	1.4 ± 0.6	3.0 ± 2.0	2.0 ± 0.5
	3300	894	0.0 - 1.0	< 6.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	2.1 ± 0.4
	3300	894	0.0 - 10.0	< 10.0 ± 0.0	1.3 ± 0.5	1.2 ± 0.8	1.4 ± 0.3
	3300	894	4.0 - 5.0	< 10.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	1.6 ± 0.4
	3400	853	0.0 - 1.0	< 3.0 ± 0.0	1.2 ± 0.3	< 1.0 ± 0.0	1.1 ± 0.4
	3400	853	1.0 - 2.0	< 13.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	1.5 ± 0.3
	3400	853	2.0 - 3.0	< 6.0 ± 0.0	1.8 ± 0.4	1.5 ± 0.5	1.3 ± 0.6
	3400	853	3.0 - 4.0	< 19.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	1.3 ± 0.3
	3400	853	4.0 - 5.0	< 7.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	1.2 ± 0.7
	3400	877	0.0 - 1.0	< 10.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	6.2 ± 0.9
	3400	877	1.0 - 2.0	< 29.0 ± 0.0	4.0 ± 2.0	< 4.0 ± 0.0	1.1 ± 0.4
	3400	877	2.0 - 3.0	< 23.0 ± 0.0	3.0 ± 1.0	< 3.0 ± 0.0	1.0 ± 0.3
	3400	877	3.0 - 4.0	< 11.0 ± 0.0	2.5 ± 0.3	1.5 ± 0.7	0.9 ± 0.6
	3400	877	4.0 - 5.0	< 14.0 ± 0.0	2.8 ± 0.9	4.0 ± 1.0	1.3 ± 0.4
	3400	877	5.0 - 6.0	< 15.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.5 ± 0.4
	3400	877	6.0 - 7.0	< 8.0 ± 0.0	1.5 ± 0.9	2.0 ± 1.0	1.5 ± 0.6
	3500	877	0.0 - 1.0	< 17.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.4 ± 0.4
	3500	877	1.0 - 2.0	< 3.0 ± 0.0	1.3 ± 0.2	< 1.0 ± 0.0	3.9 ± 0.7
	3500	877	2.0 - 3.0	< 14.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.2 ± 0.8

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Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3500	877	5.0 - 6.0	< 8.0 ± 0.0	1.3 ± 0.7	3.0 ± 1.0	1.2 ± 0.3
	3500	877	6.0 - 7.0	< 14.0 ± 0.0	2.6 ± 0.8	2.0 ± 1.0	1.8 ± 0.5
	3500	877	7.0 - 8.0	< 10.0 ± 0.0	1.6 ± 0.8	1.0 ± 1.0	1.4 ± 0.4
	3597	855	0.0 - 1.0	< 5.0 ± 0.0	2.0 ± 0.6	0.6 ± 0.5	2.0 ± 0.4
	3597	855	1.0 - 2.0	< 14.0 ± 0.0	5.0 ± 1.0	3.0 ± 2.0	1.4 ± 0.8
	3597	855	2.0 - 3.0	< 8.0 ± 0.0	1.9 ± 0.8	2.0 ± 1.0	1.4 ± 0.4
	3597	855	3.0 - 4.0	< 11.0 ± 0.0	< 1.0 ± 0.0	3.0 ± 1.0	1.3 ± 0.3
	3597	855	4.0 - 5.0	< 10.0 ± 0.0	2.5 ± 0.4	3.0 ± 1.0	1.4 ± 0.6
	3597	855	5.0 - 6.0	< 8.0 ± 0.0	1.2 ± 0.8	2.0 ± 1.0	1.5 ± 0.4
	3597	855	6.0 - 7.0	< 5.0 ± 0.0	2.1 ± 0.4	2.4 ± 0.6	1.0 ± 0.3
	3600	879	0.0 - 1.0	< 3.0 ± 0.0	0.8 ± 0.6	< 1.0 ± 0.0	1.9 ± 0.4
	3600	879	1.0 - 2.0	< 43.0 ± 0.0	4.0 ± 2.0	< 6.0 ± 0.0	2.6 ± 0.5
	3600	879	3.0 - 4.0	< 14.0 ± 0.0	1.9 ± 0.8	1.0 ± 1.0	1.4 ± 0.4
	3600	879	4.0 - 5.0	< 18.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	1.2 ± 0.3
	3600	879	5.0 - 6.0	< 12.0 ± 0.0	1.8 ± 0.8	2.0 ± 1.0	1.0 ± 0.3
	3600	879	6.0 - 7.0	< 16.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	1.7 ± 0.5
	3600	879	7.0 - 8.0	< 18.0 ± 0.0	2.1 ± 0.9	5.0 ± 2.0	1.7 ± 0.5
	3600	879	8.0 - 9.0	< 14.0 ± 0.0	2.4 ± 0.8	4.0 ± 1.0	0.7 ± 0.5
	3700	879	0.0 - 1.0	< 14.0 ± 0.0	1.8 ± 0.7	< 2.0 ± 0.0	1.1 ± 0.4
	3700	879	1.0 - 2.0	< 5.0 ± 0.0	0.8 ± 0.5	< 1.0 ± 0.0	2.4 ± 0.6
	3700	879	2.0 - 3.0	< 5.0 ± 0.0	1.4 ± 0.6	1.4 ± 0.8	1.1 ± 0.4
	3700	879	3.0 - 3.5	< 8.0 ± 0.0	2.3 ± 0.7	1.6 ± 0.7	1.8 ± 0.4
	3700	879	4.0 - 5.0	< 12.0 ± 0.0	2.2 ± 0.8	3.0 ± 1.0	1.3 ± 0.6
	3700	879	5.0 - 6.0	< 8.0 ± 0.0	2.2 ± 0.7	1.0 ± 1.0	1.1 ± 0.7
	3700	879	7.0 - 8.0	< 7.0 ± 0.0	1.9 ± 0.7	2.0 ± 0.8	1.1 ± 0.7
	3700	879	8.0 - 8.5	< 6.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.7	1.8 ± 0.4
	3867	853	0.0 - 1.0	< 9.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	1.5 ± 0.4
	3867	853	1.0 - 2.0	< 20.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	1.5 ± 0.3
	3867	853	2.0 - 3.0	< 11.0 ± 0.0	1.9 ± 0.7	2.2 ± 0.9	2.0 ± 0.5

Document ID(s): 20722-203C

Radionuclide Concentrations in Soil
Deep Investigations at Haul Roads - Banshee Road

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3867	853	3.0 - 4.0	< 14.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	1.4 ± 0.3
	3867	853	4.0 - 5.0	< 16.0 ± 0.0	1.7 ± 0.9	3.0 ± 1.0	1.5 ± 0.3
	3867	853	5.0 - 6.0	< 17.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	3.2 ± 0.6
	3867	853	6.0 - 7.0	< 6.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.4	1.1 ± 0.4
	3867	853	7.0 - 8.0	< 9.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	1.4 ± 0.3
	3867	853	8.0 - 9.0	< 6.0 ± 0.0	2.0 ± 0.7	2.0 ± 1.0	1.2 ± 0.3
	3867	853	9.0 - 10.0	< 16.0 ± 0.0	2.1 ± 0.7	2.0 ± 1.0	1.7 ± 0.4
	3867	853	10.0 - 11.0	< 6.0 ± 0.0	2.0 ± 0.3	1.2 ± 0.3	1.2 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Table 3-18 Field Sampling Plan Sampling Data
Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Ball Fields

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B01801	560	1561	0.0 - 0.5	5.3 ± 0.0	1.7 ± 0.5	1.0 ± 0.2	42.8 ± 3.3 *
B01901	1426	853	0.0 - 0.5	3.6 ± 0.0	0.8 ± 0.0	0.7 ± 0.0	0.7 ± 0.5
B01701	1910	1751	0.0 - 0.5	14.9 ± 0.0	1.3 ± 0.6	1.6 ± 0.4	0.7 ± 0.4
B02001	3303	804	0.0 - 0.5	2.8 ± 0.0	1.1 ± 0.1	0.6 ± 0.0	0.4 ± 0.4
B01201	3530	1211	0.0 - 0.5	3.6 ± 2.7	0.9 ± 0.2	0.9 ± 0.0	0.5 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Haul Roads

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
U00101	752	2900	0.0 - 0.5	6.3 ± 0.0	1.4 ± 0.0	1.8 ± 0.0	0.4 ± 0.5
U00201	949	2900	0.0 - 0.5	10.6 ± 0.0	2.1 ± 0.0	2.9 ± 0.0	0.4 ± 0.4
U00301	1152	2901	0.0 - 0.5	6.9 ± 0.0	1.8 ± 0.4	1.6 ± 0.3	0.9 ± 0.6
U00401	1300	2901	0.0 - 0.5	11.0 ± 0.0	2.2 ± 0.0	3.0 ± 0.8	0.4 ± 0.5
U01001	4051	3400	0.0 - 0.5	4.2 ± 2.4	2.0 ± 0.2	2.0 ± 0.5	1.0 ± 0.6
U01101	4250	3401	0.0 - 0.5	11.6 ± 0.0	1.6 ± 0.0	1.9 ± 0.2	0.4 ± 0.5
U01201	4400	3399	0.0 - 0.5	4.8 ± 0.0	1.2 ± 0.2	1.3 ± 0.6	2.4 ± 0.8
U01301	4551	3402	0.0 - 0.5	1.7 ± 0.6	1.2 ± 0.2	1.4 ± 0.5	0.5 ± 0.5
U01401	4750	3350	0.0 - 0.5	5.0 ± 0.0	1.2 ± 0.0	1.7 ± 0.4	0.6 ± 0.6
U00801	4766	3881	0.0 - 0.5	9.9 ± 0.0	2.4 ± 0.7	2.7 ± 0.0	3.2 ± 0.9
U00601	4848	3951	0.0 - 0.5	8.7 ± 0.0	1.7 ± 0.0	2.0 ± 0.1	4.7 ± 1.1
U01501	4850	3350	0.0 - 0.5	4.8 ± 0.0	1.3 ± 0.4	1.6 ± 0.3	1.1 ± 0.6
U00901	4868	3874	0.0 - 0.5	11.8 ± 0.0	2.5 ± 0.0	3.7 ± 0.0	1.2 ± 0.6
U00701	4922	3922	0.0 - 0.5	10.6 ± 0.0	2.1 ± 0.4	2.5 ± 0.0	1.3 ± 0.7
U00501	4927	4023	0.0 - 0.5	9.9 ± 0.0	1.8 ± 0.0	2.2 ± 0.0	2.9 ± 0.9
U01601	4950	3350	0.0 - 0.5	4.8 ± 0.0	1.4 ± 0.2	1.4 ± 0.0	2.3 ± 0.8
U01701	5025	3350	0.0 - 0.5	1.7 ± 1.3	1.8 ± 0.1	1.3 ± 0.0	0.7 ± 0.5
U01801	5100	3351	0.0 - 0.5	2.5 ± 1.3	1.6 ± 0.3	1.5 ± 0.2	1.9 ± 0.8
U01901	5250	3348	0.0 - 0.5	2.9 ± 1.3	1.7 ± 0.3	1.8 ± 0.5	1.3 ± 0.7
U02001	5450	3334	0.0 - 0.5	4.1 ± 0.0	1.1 ± 0.2	1.5 ± 0.6	0.3 ± 0.4
U02101	5550	3329	0.0 - 0.5	4.0 ± 1.9	1.5 ± 0.0	1.9 ± 0.4	0.8 ± 0.5
U02201	5700	3299	0.0 - 0.5	3.3 ± 1.3	1.6 ± 0.1	1.6 ± 0.4	1.4 ± 0.7
U02301	5964	3302	0.0 - 0.5	1.9 ± 1.6	1.3 ± 0.1	1.3 ± 0.4	1.0 ± 0.6

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Radionuclide Concentrations in Soil
Shallow Investigations at SLAPS - Haul Roads

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
U02401	6300	3280	0.0 - 0.5	4.5 ± 0.0	0.9 ± 0.0	1.4 ± 0.5	0.8 ± 0.6
U02501	6600	3262	0.0 - 0.5	4.8 ± 0.0	1.2 ± 0.4	1.7 ± 0.3	0.9 ± 0.6

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Table 3-19 Field Sampling Plan Sampling Data
Radionuclide Concentrations in Soil
Deep Investigations at SLAPS - Ball Fields

Sample ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
B01802	560	1561	4.0 - 6.0	3.0 ± 0.0	0.6 ± 0.0	0.8 ± 0.0	1.2 ± 0.5
B01803	560	1561	10.0 - 12.0	2.1 ± 0.0	0.8 ± 0.1	1.2 ± 0.1	0.6 ± 0.4
B01902	1426	853	2.0 - 4.0	1.6 ± 1.2	1.0 ± 0.1	1.3 ± 0.3	0.9 ± 0.5
B01903	1426	853	10.0 - 12.0	5.7 ± 0.0	0.7 ± 0.2	0.6 ± 0.1	0.9 ± 0.5
B01702	1910	1751	2.0 - 4.0	5.1 ± 0.0	1.2 ± 0.2	1.3 ± 0.1	6.0 ± 1.2
B01703	1910	1751	10.0 - 12.0	2.4 ± 1.3	1.1 ± 0.1	0.9 ± 0.1	1.4 ± 0.6
B02002	3303	804	2.0 - 4.0	1.2 ± 0.9	1.0 ± 0.2	1.2 ± 0.4	0.8 ± 0.5
B02003	3303	804	10.0 - 12.0	3.1 ± 0.0	0.8 ± 0.2	1.0 ± 0.3	0.5 ± 0.4
B01202	3530	1211	4.0 - 6.0	2.0 ± 1.7	0.9 ± 0.1	1.4 ± 0.4	1.0 ± 0.6
B01203	3530	1211	10.0 - 12.0	10.2 ± 0.0	1.1 ± 0.1	1.2 ± 0.4	1.3 ± 0.6

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Table 3-20 Field Sampling Plan Sampling Data
Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06001	B53C60	810	1199	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06001	B53C60	810	1199	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06001	B53C60	810	1199	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06001	B53C60	810	1199	"	2,4,5-T	5.0 U	UG/L
A06001	B53C60	810	1199	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06001	B53C60	810	1199	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06001	B53C60	810	1199	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06001	B53C60	810	1199	"	2,4-D	10.0 U	UG/L
A06001	B53C60	810	1199	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06001	B53C60	810	1199	"	2-BUTANONE	100.0 U	UG/L
A06001	B53C60	810	1199	"	2-METHYLPHENOL	100.0 U	UG/L
A06001	B53C60	810	1199	"	4-METHYLPHENOL	100.0 U	UG/L
A06001	B53C60	810	1199	"	ALPHA CHLORDANE	1.1 U	UG/L
A06001	B53C60	810	1199	"	ARSENIC	100.0 U	UG/L
A06001	B53C60	810	1199	"	BARIUM	2030 =	UG/L
A06001	B53C60	810	1199	"	BENZENE	50.0 U	UG/L
A06001	B53C60	810	1199	"	CADMIUM	5.0 U	UG/L
A06001	B53C60	810	1199	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06001	B53C60	810	1199	"	CHLOROBENZENE	50.0 U	UG/L
A06001	B53C60	810	1199	"	CHLOROFORM	50.0 U	UG/L
A06001	B53C60	810	1199	"	CHROMIUM	10.0 U	UG/L
A06001	B53C60	810	1199	"	ENDRIN	0.2 U	UG/L
A06001	B53C60	810	1199	"	GAMMA CHLORDANE	1.1 U	UG/L
A06001	B53C60	810	1199	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06001	B53C60	810	1199	"	HEPT. EPOXIDE	0.1 U	UG/L
A06001	B53C60	810	1199	"	HEPTACHLOR	0.1 U	UG/L
A06001	B53C60	810	1199	"	HEXACHLOROBENZENE	100.0 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

0 = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06001	B53C60	810	1199	2.0 - 4.0	HEXACHLOROBENZENE	100.0 U	UG/L
A06001	B53C60	810	1199	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06001	B53C60	810	1199	"	HEXACHLOROETHANE	100.0 U	UG/L
A06001	B53C60	810	1199	"	LEAD	90.0 U	UG/L
A06001	B53C60	810	1199	"	MERCURY	0.2 U	UG/L
A06001	B53C60	810	1199	"	METHOXYCHLOR	1.1 U	UG/L
A06001	B53C60	810	1199	"	NITROBENZENE	100.0 U	UG/L
A06001	B53C60	810	1199	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06001	B53C60	810	1199	"	PYRIDINE	100.0 U	UG/L
A06001	B53C60	810	1199	"	SELENIUM	100.0 U	UG/L
A06001	B53C60	810	1199	"	SILVER	10.0 U	UG/L
A06001	B53C60	810	1199	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06001	B53C60	810	1199	"	TOXAPHENE	2.1 U	UG/L
A06001	B53C60	810	1199	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06001	B53C60	810	1199	"	VINYL CHLORIDE	100.0 U	UG/L
A06002	B53C60	810	1199	5.0 - 7.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06002	B53C60	810	1199	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06002	B53C60	810	1199	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06002	B53C60	810	1199	"	2,4,5-T	5.0 U	UG/L
A06002	B53C60	810	1199	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06002	B53C60	810	1199	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06002	B53C60	810	1199	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06002	B53C60	810	1199	"	2,4-D	10.0 U	UG/L
A06002	B53C60	810	1199	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06002	B53C60	810	1199	"	2-BUTANONE	100.0 U	UG/L
A06002	B53C60	810	1199	"	2-METHYLPHENOL	100.0 U	UG/L
A06002	B53C60	810	1199	"	4-METHYLPHENOL	100.0 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

O = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06002	B53C60	810	1199	5.0 - 7.0	ALPHA CHLORDANE	1.1 U	UG/L
A06002	B53C60	810	1199	"	ARSENIC	100.0 U	UG/L
A06002	B53C60	810	1199	"	BARIUM	809.0 =	UG/L
A06002	B53C60	810	1199	"	BENZENE	50.0 U	UG/L
A06002	B53C60	810	1199	"	CADMIUM	5.0 U	UG/L
A06002	B53C60	810	1199	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06002	B53C60	810	1199	"	CHLOROBENZENE	50.0 U	UG/L
A06002	B53C60	810	1199	"	CHLOROFORM	50.0 U	UG/L
A06002	B53C60	810	1199	"	CHROMIUM	10.0 U	UG/L
A06002	B53C60	810	1199	"	ENDRIN	0.2 U	UG/L
A06002	B53C60	810	1199	"	GAMMA CHLORDANE	1.1 U	UG/L
A06002	B53C60	810	1199	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06002	B53C60	810	1199	"	HEPT. EPOXIDE	0.1 U	UG/L
A06002	B53C60	810	1199	"	HEPTACHLOR	0.1 U	UG/L
A06002	B53C60	810	1199	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06002	B53C60	810	1199	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06002	B53C60	810	1199	"	HEXACHLOROETHANE	100.0 U	UG/L
A06002	B53C60	810	1199	"	LEAD	90.0 U	UG/L
A06002	B53C60	810	1199	"	MERCURY	0.2 U	UG/L
A06002	B53C60	810	1199	"	METHOXYCHLOR	1.1 U	UG/L
A06002	B53C60	810	1199	"	NITROBENZENE	100.0 U	UG/L
A06002	B53C60	810	1199	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06002	B53C60	810	1199	"	PYRIDINE	100.0 U	UG/L
A06002	B53C60	810	1199	"	SELENIUM	100.0 U	UG/L
A06002	B53C60	810	1199	"	SILVER	10.0 U	UG/L
A06002	B53C60	810	1199	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06002	B53C60	810	1199	"	TOXAPHENE	2.2 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

O = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06002	B53C60	810	1199	5.0 - 7.0	TRICHLOROETHYLENE	50.0 U	UG/L
A06002	B53C60	810	1199	"	VINYL CHLORIDE	100.0 U	UG/L
A06101	B53C61	1001	1097	6.5 - 8.5	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06101	B53C61	1001	1097	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06101	B53C61	1001	1097	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	2,4,5-T	5.0 U	UG/L
A06101	B53C61	1001	1097	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06101	B53C61	1001	1097	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06101	B53C61	1001	1097	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06101	B53C61	1001	1097	"	2,4-D	10.0 U	UG/L
A06101	B53C61	1001	1097	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	2-BUTANONE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	2-METHYLPHENOL	100.0 U	UG/L
A06101	B53C61	1001	1097	"	4-METHYLPHENOL	100.0 U	UG/L
A06101	B53C61	1001	1097	"	ALPHA CHLORDANE	1.0 U	UG/L
A06101	B53C61	1001	1097	"	ARSENIC	100.0 U	UG/L
A06101	B53C61	1001	1097	"	BARIUM	1100 =	UG/L
A06101	B53C61	1001	1097	"	BENZENE	50.0 U	UG/L
A06101	B53C61	1001	1097	"	CADMIUM	5.0 U	UG/L
A06101	B53C61	1001	1097	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06101	B53C61	1001	1097	"	CHLOROBENZENE	50.0 U	UG/L
A06101	B53C61	1001	1097	"	CHLOROFORM	50.0 U	UG/L
A06101	B53C61	1001	1097	"	CHROMIUM	10.0 U	UG/L
A06101	B53C61	1001	1097	"	ENDRIN	0.2 U	UG/L
A06101	B53C61	1001	1097	"	GAMMA CHLORDANE	1.0 U	UG/L
A06101	B53C61	1001	1097	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06101	B53C61	1001	1097	"	HEPT. EPOXIDE	0.1 U	UG/L

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J = Detected, but Below Detection Limit

O = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06101	B53C61	1001	1097	6.5 - 8.5	HEPTACHLOR	0.1 U	UG/L
A06101	B53C61	1001	1097	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	HEXACHLOROETHANE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	LEAD	90.0 U	UG/L
A06101	B53C61	1001	1097	"	MERCURY	0.2 U	UG/L
A06101	B53C61	1001	1097	"	METHOXYCHLOR	1.0 U	UG/L
A06101	B53C61	1001	1097	"	NITROBENZENE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06101	B53C61	1001	1097	"	PYRIDINE	100.0 U	UG/L
A06101	B53C61	1001	1097	"	SELENIUM	100.0 U	UG/L
A06101	B53C61	1001	1097	"	SILVER	10.0 U	UG/L
A06101	B53C61	1001	1097	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06101	B53C61	1001	1097	"	TOXAPHENE	2.1 U	UG/L
A06101	B53C61	1001	1097	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06101	B53C61	1001	1097	"	VINYL CHLORIDE	100.0 U	UG/L
A06102	B53C61	1001	1097	13.0 - 15.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06102	B53C61	1001	1097	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06102	B53C61	1001	1097	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	2,4,5-T	5.0 U	UG/L
A06102	B53C61	1001	1097	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06102	B53C61	1001	1097	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06102	B53C61	1001	1097	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06102	B53C61	1001	1097	"	2,4-D	10.0 U	UG/L
A06102	B53C61	1001	1097	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	2-BUTANONE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	2-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06102	B53C61	1001	1097	13.0 - 15.0	4-METHYLPHENOL	100.0 U	UG/L
A06102	B53C61	1001	1097	"	ALPHA CHLORDANE	1.1 U	UG/L
A06102	B53C61	1001	1097	"	ARSENIC	100.0 U	UG/L
A06102	B53C61	1001	1097	"	BARIUM	536.0 =	UG/L
A06102	B53C61	1001	1097	"	BENZENE	50.0 U	UG/L
A06102	B53C61	1001	1097	"	CADMIUM	5.0 U	UG/L
A06102	B53C61	1001	1097	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06102	B53C61	1001	1097	"	CHLOROBENZENE	50.0 U	UG/L
A06102	B53C61	1001	1097	"	CHLOROFORM	50.0 U	UG/L
A06102	B53C61	1001	1097	"	CHROMIUM	10.0 U	UG/L
A06102	B53C61	1001	1097	"	ENDRIN	0.2 U	UG/L
A06102	B53C61	1001	1097	"	GAMMA CHLORDANE	1.1 U	UG/L
A06102	B53C61	1001	1097	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06102	B53C61	1001	1097	"	HEPT. EPOXIDE	0.1 U	UG/L
A06102	B53C61	1001	1097	"	HEPTACHLOR	0.1 U	UG/L
A06102	B53C61	1001	1097	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	HEXACHLOROETHANE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	LEAD	90.0 U	UG/L
A06102	B53C61	1001	1097	"	MERCURY	0.2 U	UG/L
A06102	B53C61	1001	1097	"	METHOXYCHLOR	1.1 U	UG/L
A06102	B53C61	1001	1097	"	NITROBENZENE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06102	B53C61	1001	1097	"	PYRIDINE	100.0 U	UG/L
A06102	B53C61	1001	1097	"	SELENIUM	100.0 U	UG/L
A06102	B53C61	1001	1097	"	SILVER	10.0 U	UG/L
A06102	B53C61	1001	1097	"	TETRACHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06102	B53C61	1001	1097	13.0 - 15.0	TOXAPHENE	2.2 U	UG/L
A06102	B53C61	1001	1097	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06102	B53C61	1001	1097	"	VINYL CHLORIDE	100.0 U	UG/L
A06201	B53C62	1200	1300	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06201	B53C62	1200	1300	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06201	B53C62	1200	1300	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	2,4,5-T	5.0 U	UG/L
A06201	B53C62	1200	1300	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06201	B53C62	1200	1300	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06201	B53C62	1200	1300	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06201	B53C62	1200	1300	"	2,4-D	10.0 U	UG/L
A06201	B53C62	1200	1300	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	2-BUTANONE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	2-METHYLPHENOL	100.0 U	UG/L
A06201	B53C62	1200	1300	"	4-METHYLPHENOL	100.0 U	UG/L
A06201	B53C62	1200	1300	"	ALPHA CHLORDANE	1.1 U	UG/L
A06201	B53C62	1200	1300	"	ARSENIC	100.0 U	UG/L
A06201	B53C62	1200	1300	"	BARIUM	1360 =	UG/L
A06201	B53C62	1200	1300	"	BENZENE	50.0 U	UG/L
A06201	B53C62	1200	1300	"	CADMIUM	211.0 =	UG/L
A06201	B53C62	1200	1300	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06201	B53C62	1200	1300	"	CHLOROBENZENE	50.0 U	UG/L
A06201	B53C62	1200	1300	"	CHLOROFORM	50.0 U	UG/L
A06201	B53C62	1200	1300	"	CHROMIUM	10.0 U	UG/L
A06201	B53C62	1200	1300	"	ENDRIN	0.2 U	UG/L
A06201	B53C62	1200	1300	"	GAMMA CHLORDANE	1.1 U	UG/L
A06201	B53C62	1200	1300	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06201	B53C62	1200	1300	4.0 - 6.0	HEPT. EPOXIDE	0.1 U	UG/L
A06201	B53C62	1200	1300	"	HEPTACHLOR	0.1 U	UG/L
A06201	B53C62	1200	1300	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	HEXACHLOROETHANE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	LEAD	90.0 U	UG/L
A06201	B53C62	1200	1300	"	MERCURY	0.2 U	UG/L
A06201	B53C62	1200	1300	"	METHOXYCHLOR	1.1 U	UG/L
A06201	B53C62	1200	1300	"	NITROBENZENE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06201	B53C62	1200	1300	"	PYRIDINE	100.0 U	UG/L
A06201	B53C62	1200	1300	"	SELENIUM	100.0 U	UG/L
A06201	B53C62	1200	1300	"	SILVER	10.0 U	UG/L
A06201	B53C62	1200	1300	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06201	B53C62	1200	1300	"	TOXAPHENE	2.2 U	UG/L
A06201	B53C62	1200	1300	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06201	B53C62	1200	1300	"	VINYL CHLORIDE	100.0 U	UG/L
A06202	B53C62	1200	1300	8.0 - 10.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06202	B53C62	1200	1300	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06202	B53C62	1200	1300	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06202	B53C62	1200	1300	"	2,4,5-T	5.0 U	UG/L
A06202	B53C62	1200	1300	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06202	B53C62	1200	1300	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06202	B53C62	1200	1300	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06202	B53C62	1200	1300	"	2,4-D	10.0 U	UG/L
A06202	B53C62	1200	1300	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06202	B53C62	1200	1300	"	2-BUTANONE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06202	B53C62	1200	1300	8.0 - 10.0	2-METHYLPHENOL	100.0 U	UG/L
A06202	B53C62	1200	1300	"	4-METHYLPHENOL	100.0 U	UG/L
A06202	B53C62	1200	1300	"	ALPHA CHLORDANE	1.1 U	UG/L
A06202	B53C62	1200	1300	"	ARSENIC	100.0 U	UG/L
A06202	B53C62	1200	1300	"	BARIUM	1650 =	UG/L
A06202	B53C62	1200	1300	"	BENZENE	50.0 U	UG/L
A06202	B53C62	1200	1300	"	CADMIUM	5.0 U	UG/L
A06202	B53C62	1200	1300	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06202	B53C62	1200	1300	"	CHLOROBENZENE	50.0 U	UG/L
A06202	B53C62	1200	1300	"	CHLOROFORM	50.0 U	UG/L
A06202	B53C62	1200	1300	"	CHROMIUM	10.0 U	UG/L
A06202	B53C62	1200	1300	"	ENDRIN	0.2 U	UG/L
A06202	B53C62	1200	1300	"	GAMMA CHLORDANE	1.1 U	UG/L
A06202	B53C62	1200	1300	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06202	B53C62	1200	1300	"	HEPT. EPOXIDE	0.1 U	UG/L
A06202	B53C62	1200	1300	"	HEPTACHLOR	0.1 U	UG/L
A06202	B53C62	1200	1300	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06202	B53C62	1200	1300	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06202	B53C62	1200	1300	"	HEXACHLOROETHANE	100.0 U	UG/L
A06202	B53C62	1200	1300	"	LEAD	90.0 U	UG/L
A06202	B53C62	1200	1300	"	MERCURY	0.2 U	UG/L
A06202	B53C62	1200	1300	"	METHOXYCHLOR	1.1 U	UG/L
A06202	B53C62	1200	1300	"	NITROBENZENE	100.0 U	UG/L
A06202	B53C62	1200	1300	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06202	B53C62	1200	1300	"	PYRIDINE	100.0 U	UG/L
A06202	B53C62	1200	1300	"	SELENIUM	100.0 U	UG/L
A06202	B53C62	1200	1300	"	SILVER	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06202	B53C62	1200	1300	8.0 - 10.0	TETRACHLOROETHYLENE	50.0 U	UG/L
A06202	B53C62	1200	1300	"	TOXAPHENE	2.2 U	UG/L
A06202	B53C62	1200	1300	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06202	B53C62	1200	1300	"	VINYL CHLORIDE	100.0 U	UG/L
A06401	B53C64	1398	1012	7.0 - 9.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06401	B53C64	1398	1012	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06401	B53C64	1398	1012	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	2,4,5-T	5.0 U	UG/L
A06401	B53C64	1398	1012	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06401	B53C64	1398	1012	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06401	B53C64	1398	1012	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06401	B53C64	1398	1012	"	2,4-D	10.0 U	UG/L
A06401	B53C64	1398	1012	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	2-BUTANONE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	2-METHYLPHENOL	100.0 U	UG/L
A06401	B53C64	1398	1012	"	4-METHYLPHENOL	100.0 U	UG/L
A06401	B53C64	1398	1012	"	ALPHA CHLORDANE	1.1 U	UG/L
A06401	B53C64	1398	1012	"	ARSENIC	100.0 U	UG/L
A06401	B53C64	1398	1012	"	BARIUM	598.0 =	UG/L
A06401	B53C64	1398	1012	"	BENZENE	50.0 U	UG/L
A06401	B53C64	1398	1012	"	CADMIUM	5.0 U	UG/L
A06401	B53C64	1398	1012	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06401	B53C64	1398	1012	"	CHLOROBENZENE	50.0 U	UG/L
A06401	B53C64	1398	1012	"	CHLOROFORM	50.0 U	UG/L
A06401	B53C64	1398	1012	"	CHROMIUM	10.0 U	UG/L
A06401	B53C64	1398	1012	"	ENDRIN	0.2 U	UG/L
A06401	B53C64	1398	1012	"	GAMMA CHLORDANE	1.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06401	B53C64	1398	1012	7.0 - 9.0	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06401	B53C64	1398	1012	"	HEPT. EPOXIDE	0.1 U	UG/L
A06401	B53C64	1398	1012	"	HEPTACHLOR	0.1 U	UG/L
A06401	B53C64	1398	1012	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	HEXACHLOROETHANE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	LEAD	90.0 U	UG/L
A06401	B53C64	1398	1012	"	MERCURY	0.2 U	UG/L
A06401	B53C64	1398	1012	"	METHOXYCHLOR	1.1 U	UG/L
A06401	B53C64	1398	1012	"	NITROBENZENE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06401	B53C64	1398	1012	"	PYRIDINE	100.0 U	UG/L
A06401	B53C64	1398	1012	"	SELENIUM	100.0 U	UG/L
A06401	B53C64	1398	1012	"	SILVER	10.0 U	UG/L
A06401	B53C64	1398	1012	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06401	B53C64	1398	1012	"	TOXAPHENE	2.2 U	UG/L
A06401	B53C64	1398	1012	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06401	B53C64	1398	1012	"	VINYL CHLORIDE	100.0 U	UG/L
A06402	B53C64	1398	1012	13.0 - 15.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06402	B53C64	1398	1012	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06402	B53C64	1398	1012	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06402	B53C64	1398	1012	"	2,4,5-T	5.0 U	UG/L
A06402	B53C64	1398	1012	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06402	B53C64	1398	1012	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06402	B53C64	1398	1012	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06402	B53C64	1398	1012	"	2,4-D	10.0 U	UG/L
A06402	B53C64	1398	1012	"	2,4-DINITROTOLUENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06402	B53C64	1398	1012	13.0 - 15.0	2-BUTANONE	100.0 U	UG/L
A06402	B53C64	1398	1012	"	2-METHYLPHENOL	100.0 U	UG/L
A06402	B53C64	1398	1012	"	4-METHYLPHENOL	100.0 U	UG/L
A06402	B53C64	1398	1012	"	ALPHA CHLORDANE	1.4 U	UG/L
A06402	B53C64	1398	1012	"	ARSENIC	100.0 U	UG/L
A06402	B53C64	1398	1012	"	BARIUM	1360 =	UG/L
A06402	B53C64	1398	1012	"	BENZENE	50.0 U	UG/L
A06402	B53C64	1398	1012	"	CADMIUM	5.0 U	UG/L
A06402	B53C64	1398	1012	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06402	B53C64	1398	1012	"	CHLOROBENZENE	50.0 U	UG/L
A06402	B53C64	1398	1012	"	CHLOROFORM	50.0 U	UG/L
A06402	B53C64	1398	1012	"	CHROMIUM	10.0 U	UG/L
A06402	B53C64	1398	1012	"	ENDRIN	0.3 U	UG/L
A06402	B53C64	1398	1012	"	GAMMA CHLORDANE	1.4 U	UG/L
A06402	B53C64	1398	1012	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06402	B53C64	1398	1012	"	HEPT. EPOXIDE	0.1 U	UG/L
A06402	B53C64	1398	1012	"	HEPTACHLOR	0.1 U	UG/L
A06402	B53C64	1398	1012	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06402	B53C64	1398	1012	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06402	B53C64	1398	1012	"	HEXACHLOROETHANE	100.0 U	UG/L
A06402	B53C64	1398	1012	"	LEAD	90.0 U	UG/L
A06402	B53C64	1398	1012	"	MERCURY	0.4 =	UG/L
A06402	B53C64	1398	1012	"	METHOXYCHLOR	1.4 U	UG/L
A06402	B53C64	1398	1012	"	NITROBENZENE	100.0 U	UG/L
A06402	B53C64	1398	1012	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06402	B53C64	1398	1012	"	PYRIDINE	100.0 U	UG/L
A06402	B53C64	1398	1012	"	SELENIUM	226.0 =	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06402	B53C64	1398	1012	13.0 - 15.0	SILVER	10.0 U	UG/L
A06402	B53C64	1398	1012	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06402	B53C64	1398	1012	"	TOXAPHENE	2.8 U	UG/L
A06402	B53C64	1398	1012	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06402	B53C64	1398	1012	"	VINYL CHLORIDE	100.0 U	UG/L
A06301	B53C63	1402	1400	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06301	B53C63	1402	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06301	B53C63	1402	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	2,4,5-T	5.0 U	UG/L
A06301	B53C63	1402	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06301	B53C63	1402	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06301	B53C63	1402	1400	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06301	B53C63	1402	1400	"	2,4-D	10.0 U	UG/L
A06301	B53C63	1402	1400	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	2-BUTANONE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	2-METHYLPHENOL	100.0 U	UG/L
A06301	B53C63	1402	1400	"	4-METHYLPHENOL	100.0 U	UG/L
A06301	B53C63	1402	1400	"	ALPHA CHLORDANE	1.1 U	UG/L
A06301	B53C63	1402	1400	"	ARSENIC	100.0 U	UG/L
A06301	B53C63	1402	1400	"	BARIUM	2480 =	UG/L
A06301	B53C63	1402	1400	"	BENZENE	50.0 U	UG/L
A06301	B53C63	1402	1400	"	CADMIUM	5.0 U	UG/L
A06301	B53C63	1402	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06301	B53C63	1402	1400	"	CHLOROBENZENE	50.0 U	UG/L
A06301	B53C63	1402	1400	"	CHLOROFORM	50.0 U	UG/L
A06301	B53C63	1402	1400	"	CHROMIUM	10.0 U	UG/L
A06301	B53C63	1402	1400	"	ENDRIN	0.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06301	B53C63	1402	1400	0.0 - 2.0	GAMMA CHLORDANE	1.1 U	UG/L
A06301	B53C63	1402	1400	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06301	B53C63	1402	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
A06301	B53C63	1402	1400	"	HEPTACHLOR	0.1 U	UG/L
A06301	B53C63	1402	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	LEAD	90.0 U	UG/L
A06301	B53C63	1402	1400	"	MERCURY	0.2 U	UG/L
A06301	B53C63	1402	1400	"	METHOXYCHLOR	1.1 U	UG/L
A06301	B53C63	1402	1400	"	NITROBENZENE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06301	B53C63	1402	1400	"	PYRIDINE	100.0 U	UG/L
A06301	B53C63	1402	1400	"	SELENIUM	100.0 U	UG/L
A06301	B53C63	1402	1400	"	SILVER	10.0 U	UG/L
A06301	B53C63	1402	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06301	B53C63	1402	1400	"	TOXAPHENE	2.2 U	UG/L
A06301	B53C63	1402	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06301	B53C63	1402	1400	"	VINYL CHLORIDE	100.0 U	UG/L
A06302	B53C63	1402	1400	3.0 - 5.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06302	B53C63	1402	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06302	B53C63	1402	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06302	B53C63	1402	1400	"	2,4,5-T	5.0 U	UG/L
A06302	B53C63	1402	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06302	B53C63	1402	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06302	B53C63	1402	1400	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06302	B53C63	1402	1400	"	2,4-D	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06302	B53C63	1402	1400	3.0 - 5.0	2,4-DINITROTOLUENE	100.0 U	UG/L
A06302	B53C63	1402	1400	"	2-BUTANONE	100.0 U	UG/L
A06302	B53C63	1402	1400	"	2-METHYLPHENOL	100.0 U	UG/L
A06302	B53C63	1402	1400	"	4-METHYLPHENOL	100.0 U	UG/L
A06302	B53C63	1402	1400	"	ALPHA CHLORDANE	1.1 U	UG/L
A06302	B53C63	1402	1400	"	ARSENIC	100.0 U	UG/L
A06302	B53C63	1402	1400	"	BARIUM	858.0 =	UG/L
A06302	B53C63	1402	1400	"	BENZENE	50.0 U	UG/L
A06302	B53C63	1402	1400	"	CADMIUM	5.0 U	UG/L
A06302	B53C63	1402	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06302	B53C63	1402	1400	"	CHLOROBENZENE	50.0 U	UG/L
A06302	B53C63	1402	1400	"	CHLOROFORM	50.0 U	UG/L
A06302	B53C63	1402	1400	"	CHROMIUM	10.0 U	UG/L
A06302	B53C63	1402	1400	"	ENDRIN	0.2 U	UG/L
A06302	B53C63	1402	1400	"	GAMMA CHLORDANE	1.1 U	UG/L
A06302	B53C63	1402	1400	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06302	B53C63	1402	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
A06302	B53C63	1402	1400	"	HEPTACHLOR	0.1 U	UG/L
A06302	B53C63	1402	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06302	B53C63	1402	1400	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06302	B53C63	1402	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
A06302	B53C63	1402	1400	"	LEAD	90.0 U	UG/L
A06302	B53C63	1402	1400	"	MERCURY	0.2 U	UG/L
A06302	B53C63	1402	1400	"	METHOXYCHLOR	1.1 U	UG/L
A06302	B53C63	1402	1400	"	NITROBENZENE	100.0 U	UG/L
A06302	B53C63	1402	1400	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06302	B53C63	1402	1400	"	PYRIDINE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06302	B53C63	1402	1400	3.0 - 5.0	SELENIUM	100.0 U	UG/L
A06302	B53C63	1402	1400	"	SILVER	10.0 U	UG/L
A06302	B53C63	1402	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06302	B53C63	1402	1400	"	TOXAPHENE	2.2 U	UG/L
A06302	B53C63	1402	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06302	B53C63	1402	1400	"	VINYL CHLORIDE	100.0 U	UG/L
A06501	B53C65	1481	1212	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06501	B53C65	1481	1212	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06501	B53C65	1481	1212	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	2,4,5-T	5.0 U	UG/L
A06501	B53C65	1481	1212	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06501	B53C65	1481	1212	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06501	B53C65	1481	1212	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06501	B53C65	1481	1212	"	2,4-D	10.0 U	UG/L
A06501	B53C65	1481	1212	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	2-BUTANONE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	2-METHYLPHENOL	100.0 U	UG/L
A06501	B53C65	1481	1212	"	4-METHYLPHENOL	100.0 U	UG/L
A06501	B53C65	1481	1212	"	ALPHA CHLORDANE	1.1 U	UG/L
A06501	B53C65	1481	1212	"	ARSENIC	100.0 U	UG/L
A06501	B53C65	1481	1212	"	BARIUM	942.0 =	UG/L
A06501	B53C65	1481	1212	"	BENZENE	50.0 U	UG/L
A06501	B53C65	1481	1212	"	CADMIUM	6.5 =	UG/L
A06501	B53C65	1481	1212	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06501	B53C65	1481	1212	"	CHLOROBENZENE	50.0 U	UG/L
A06501	B53C65	1481	1212	"	CHLOROFORM	50.0 U	UG/L
A06501	B53C65	1481	1212	"	CHROMIUM	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06501	B53C65	1481	1212	2.0 - 4.0	ENDRIN	0.2 U	UG/L
A06501	B53C65	1481	1212	"	GAMMA CHLORDANE	1.1 U	UG/L
A06501	B53C65	1481	1212	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06501	B53C65	1481	1212	"	HEPT. EPOXIDE	0.1 U	UG/L
A06501	B53C65	1481	1212	"	HEPTACHLOR	0.1 U	UG/L
A06501	B53C65	1481	1212	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	HEXACHLOROETHANE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	LEAD	90.0 U	UG/L
A06501	B53C65	1481	1212	"	MERCURY	0.2 U	UG/L
A06501	B53C65	1481	1212	"	METHOXYCHLOR	1.1 U	UG/L
A06501	B53C65	1481	1212	"	NITROBENZENE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06501	B53C65	1481	1212	"	PYRIDINE	100.0 U	UG/L
A06501	B53C65	1481	1212	"	SELENIUM	100.0 U	UG/L
A06501	B53C65	1481	1212	"	SILVER	10.0 U	UG/L
A06501	B53C65	1481	1212	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06501	B53C65	1481	1212	"	TOXAPHENE	2.1 U	UG/L
A06501	B53C65	1481	1212	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06501	B53C65	1481	1212	"	VINYL CHLORIDE	100.0 U	UG/L
A06502	B53C65	1481	1212	5.0 - 7.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06502	B53C65	1481	1212	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06502	B53C65	1481	1212	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	2,4,5-T	5.0 U	UG/L
A06502	B53C65	1481	1212	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06502	B53C65	1481	1212	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06502	B53C65	1481	1212	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06502	B53C65	1481	1212	5.0 - 7.0	2,4-D	10.0 U	UG/L
A06502	B53C65	1481	1212	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	2-BUTANONE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	2-METHYLPHENOL	100.0 U	UG/L
A06502	B53C65	1481	1212	"	4-METHYLPHENOL	100.0 U	UG/L
A06502	B53C65	1481	1212	"	ALPHA CHLORDANE	1.1 U	UG/L
A06502	B53C65	1481	1212	"	ARSENIC	100.0 U	UG/L
A06502	B53C65	1481	1212	"	BARIUM	732.0 =	UG/L
A06502	B53C65	1481	1212	"	BENZENE	50.0 U	UG/L
A06502	B53C65	1481	1212	"	CADMIUM	5.0 U	UG/L
A06502	B53C65	1481	1212	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06502	B53C65	1481	1212	"	CHLOROBENZENE	50.0 U	UG/L
A06502	B53C65	1481	1212	"	CHLOROFORM	50.0 U	UG/L
A06502	B53C65	1481	1212	"	CHROMIUM	10.0 U	UG/L
A06502	B53C65	1481	1212	"	ENDRIN	0.2 U	UG/L
A06502	B53C65	1481	1212	"	GAMMA CHLORDANE	1.1 U	UG/L
A06502	B53C65	1481	1212	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06502	B53C65	1481	1212	"	HEPT. EPOXIDE	0.1 U	UG/L
A06502	B53C65	1481	1212	"	HEPTACHLOR	0.1 U	UG/L
A06502	B53C65	1481	1212	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	HEXACHLOROETHANE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	LEAD	90.0 U	UG/L
A06502	B53C65	1481	1212	"	MERCURY	0.2 U	UG/L
A06502	B53C65	1481	1212	"	METHOXYCHLOR	1.1 U	UG/L
A06502	B53C65	1481	1212	"	NITROBENZENE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	PENTACHLOROPHENOL	500.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06502	B53C65	1481	1212	5.0 - 7.0	PYRIDINE	100.0 U	UG/L
A06502	B53C65	1481	1212	"	SELENIUM	100.0 U	UG/L
A06502	B53C65	1481	1212	"	SILVER	10.0 U	UG/L
A06502	B53C65	1481	1212	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06502	B53C65	1481	1212	"	TOXAPHENE	2.1 U	UG/L
A06502	B53C65	1481	1212	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06502	B53C65	1481	1212	"	VINYL CHLORIDE	100.0 U	UG/L
A06601	B53C66	1703	1400	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06601	B53C66	1703	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06601	B53C66	1703	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	2,4,5-T	5.0 U	UG/L
A06601	B53C66	1703	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06601	B53C66	1703	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06601	B53C66	1703	1400	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06601	B53C66	1703	1400	"	2,4-D	10.0 U	UG/L
A06601	B53C66	1703	1400	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	2-BUTANONE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	2-METHYLPHENOL	100.0 U	UG/L
A06601	B53C66	1703	1400	"	4-METHYLPHENOL	100.0 U	UG/L
A06601	B53C66	1703	1400	"	ALPHA CHLORDANE	1.1 U	UG/L
A06601	B53C66	1703	1400	"	ARSENIC	100.0 U	UG/L
A06601	B53C66	1703	1400	"	BARIUM	2060 =	UG/L
A06601	B53C66	1703	1400	"	BENZENE	50.0 U	UG/L
A06601	B53C66	1703	1400	"	CADMIUM	6.0 =	UG/L
A06601	B53C66	1703	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06601	B53C66	1703	1400	"	CHLOROBENZENE	50.0 U	UG/L
A06601	B53C66	1703	1400	"	CHLOROFORM	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06601	B53C66	1703	1400	0.0 - 2.0	CHROMIUM	10.0 U	UG/L
A06601	B53C66	1703	1400	"	ENDRIN	0.2 U	UG/L
A06601	B53C66	1703	1400	"	GAMMA CHLORDANE	1.1 U	UG/L
A06601	B53C66	1703	1400	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06601	B53C66	1703	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
A06601	B53C66	1703	1400	"	HEPTACHLOR	0.1 U	UG/L
A06601	B53C66	1703	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	LEAD	90.0 U	UG/L
A06601	B53C66	1703	1400	"	MERCURY	0.2 U	UG/L
A06601	B53C66	1703	1400	"	METHOXYCHLOR	1.1 U	UG/L
A06601	B53C66	1703	1400	"	NITROBENZENE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06601	B53C66	1703	1400	"	PYRIDINE	100.0 U	UG/L
A06601	B53C66	1703	1400	"	SELENIUM	122.0 =	UG/L
A06601	B53C66	1703	1400	"	SILVER	10.0 U	UG/L
A06601	B53C66	1703	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06601	B53C66	1703	1400	"	TOXAPHENE	2.1 U	UG/L
A06601	B53C66	1703	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06601	B53C66	1703	1400	"	VINYL CHLORIDE	100.0 U	UG/L
A06602	B53C66	1703	1400	7.0 - 9.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06602	B53C66	1703	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06602	B53C66	1703	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06602	B53C66	1703	1400	"	2,4,5-T	5.0 U	UG/L
A06602	B53C66	1703	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06602	B53C66	1703	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06602	B53C66	1703	1400	7.0 - 9.0	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06602	B53C66	1703	1400	"	2,4-D	10.0 U	UG/L
A06602	B53C66	1703	1400	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06602	B53C66	1703	1400	"	2-BUTANONE	100.0 U	UG/L
A06602	B53C66	1703	1400	"	2-METHYLPHENOL	100.0 U	UG/L
A06602	B53C66	1703	1400	"	4-METHYLPHENOL	100.0 U	UG/L
A06602	B53C66	1703	1400	"	ALPHA CHLORDANE	1.2 U	UG/L
A06602	B53C66	1703	1400	"	ARSENIC	100.0 U	UG/L
A06602	B53C66	1703	1400	"	BARIUM	1010 =	UG/L
A06602	B53C66	1703	1400	"	BENZENE	50.0 U	UG/L
A06602	B53C66	1703	1400	"	CADMIUM	5.0 U	UG/L
A06602	B53C66	1703	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06602	B53C66	1703	1400	"	CHLOROBENZENE	50.0 U	UG/L
A06602	B53C66	1703	1400	"	CHLOROFORM	50.0 U	UG/L
A06602	B53C66	1703	1400	"	CHROMIUM	10.0 U	UG/L
A06602	B53C66	1703	1400	"	ENDRIN	0.2 U	UG/L
A06602	B53C66	1703	1400	"	GAMMA CHLORDANE	1.2 U	UG/L
A06602	B53C66	1703	1400	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06602	B53C66	1703	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
A06602	B53C66	1703	1400	"	HEPTACHLOR	0.1 U	UG/L
A06602	B53C66	1703	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06602	B53C66	1703	1400	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06602	B53C66	1703	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
A06602	B53C66	1703	1400	"	LEAD	90.0 U	UG/L
A06602	B53C66	1703	1400	"	MERCURY	0.2 U	UG/L
A06602	B53C66	1703	1400	"	METHOXYCHLOR	1.2 U	UG/L
A06602	B53C66	1703	1400	"	NITROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06602	B53C66	1703	1400	7.0 - 9.0	PENTACHLOROPHENOL	500.0 U	UG/L
A06602	B53C66	1703	1400	"	PYRIDINE	100.0 U	UG/L
A06602	B53C66	1703	1400	"	SELENIUM	100.0 U	UG/L
A06602	B53C66	1703	1400	"	SILVER	10.0 U	UG/L
A06602	B53C66	1703	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06602	B53C66	1703	1400	"	TOXAPHENE	2.3 U	UG/L
A06602	B53C66	1703	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06602	B53C66	1703	1400	"	VINYL CHLORIDE	100.0 U	UG/L
OT0031	B53C75	1868	1202	3.0 - 5.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
OT0031	B53C75	1868	1202	"	1,2-DICHLOROETHANE	50.0 U	UG/L
OT0031	B53C75	1868	1202	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	2,4,5-T	5.0 U	UG/L
OT0031	B53C75	1868	1202	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
OT0031	B53C75	1868	1202	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
OT0031	B53C75	1868	1202	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	2,4-D	10.0 U	UG/L
OT0031	B53C75	1868	1202	"	2,4-DINITROTOLUENE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	2-BUTANONE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	2-METHYLPHENOL	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	4-METHYLPHENOL	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	ALPHA CHLORDANE	1.1 U	UG/L
OT0031	B53C75	1868	1202	"	ARSENIC	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	BARIUM	1100 =	UG/L
OT0031	B53C75	1868	1202	"	BENZENE	50.0 U	UG/L
OT0031	B53C75	1868	1202	"	CADMIUM	5.0 U	UG/L
OT0031	B53C75	1868	1202	"	CARBON TETRACHLORIDE	50.0 U	UG/L
OT0031	B53C75	1868	1202	"	CHLOROBENZENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0031	B53C75	1868	1202	3.0 - 5.0	CHLOROFORM	50.0 U	UG/L
OT0031	B53C75	1868	1202	"	CHROMIUM	10.0 U	UG/L
OT0031	B53C75	1868	1202	"	ENDRIN	0.2 U	UG/L
OT0031	B53C75	1868	1202	"	GAMMA CHLORDANE	1.1 U	UG/L
OT0031	B53C75	1868	1202	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
OT0031	B53C75	1868	1202	"	HEPT. EPOXIDE	0.1 U	UG/L
OT0031	B53C75	1868	1202	"	HEPTACHLOR	0.1 U	UG/L
OT0031	B53C75	1868	1202	"	HEXACHLOROBENZENE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	HEXACHLOROETHANE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	LEAD	90.0 U	UG/L
OT0031	B53C75	1868	1202	"	MERCURY	0.2 U	UG/L
OT0031	B53C75	1868	1202	"	METHOXYCHLOR	1.1 U	UG/L
OT0031	B53C75	1868	1202	"	NITROBENZENE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	PENTACHLOROPHENOL	500.0 U	UG/L
OT0031	B53C75	1868	1202	"	PYRIDINE	100.0 U	UG/L
OT0031	B53C75	1868	1202	"	SELENIUM	355.0 =	UG/L
OT0031	B53C75	1868	1202	"	SILVER	10.0 U	UG/L
OT0031	B53C75	1868	1202	"	TETRACHLOROETHYLENE	50.0 U	UG/L
OT0031	B53C75	1868	1202	"	TOXAPHENE	2.2 U	UG/L
OT0031	B53C75	1868	1202	"	TRICHLOROETHYLENE	50.0 U	UG/L
OT0031	B53C75	1868	1202	"	VINYL CHLORIDE	100.0 U	UG/L
OT0032	B53C75	1868	1202	8.0 - 10.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	1,2-DICHLOROETHANE	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	2,4,5-T	5.0 U	UG/L
OT0032	B53C75	1868	1202	"	2,4,5-TP (SILVEX)	5.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0032	B53C75	1868	1202	8.0 - 10.0	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
OT0032	B53C75	1868	1202	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	2,4-D	10.0 U	UG/L
OT0032	B53C75	1868	1202	"	2,4-DINITROTOLUENE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	2-BUTANONE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	2-METHYLPHENOL	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	4-METHYLPHENOL	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	ALPHA CHLORDANE	1.0 U	UG/L
OT0032	B53C75	1868	1202	"	ARSENIC	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	BARIUM	1170 =	UG/L
OT0032	B53C75	1868	1202	"	BENZENE	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	CADMIUM	5.0 U	UG/L
OT0032	B53C75	1868	1202	"	CARBON TETRACHLORIDE	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	CHLOROBENZENE	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	CHLOROFORM	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	CHROMIUM	10.0 U	UG/L
OT0032	B53C75	1868	1202	"	ENDRIN	0.2 U	UG/L
OT0032	B53C75	1868	1202	"	GAMMA CHLORDANE	1.0 U	UG/L
OT0032	B53C75	1868	1202	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
OT0032	B53C75	1868	1202	"	HEPT. EPOXIDE	0.1 U	UG/L
OT0032	B53C75	1868	1202	"	HEPTACHLOR	0.1 U	UG/L
OT0032	B53C75	1868	1202	"	HEXACHLOROBENZENE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	HEXACHLOROETHANE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	LEAD	90.0 U	UG/L
OT0032	B53C75	1868	1202	"	MERCURY	0.2 U	UG/L
OT0032	B53C75	1868	1202	"	METHOXYCHLOR	1.0 U	UG/L

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Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0032	B53C75	1868	1202	8.0 - 10.0	NITROBENZENE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	PENTACHLOROPHENOL	500.0 U	UG/L
OT0032	B53C75	1868	1202	"	PYRIDINE	100.0 U	UG/L
OT0032	B53C75	1868	1202	"	SELENIUM	316.0 =	UG/L
OT0032	B53C75	1868	1202	"	SILVER	10.0 U	UG/L
OT0032	B53C75	1868	1202	"	TETRACHLOROETHYLENE	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	TOXAPHENE	2.0 U	UG/L
OT0032	B53C75	1868	1202	"	TRICHLOROETHYLENE	50.0 U	UG/L
OT0032	B53C75	1868	1202	"	VINYL CHLORIDE	100.0 U	UG/L
A07501	B53C75	1868	1202	3.0 - 5.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07501	B53C75	1868	1202	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07501	B53C75	1868	1202	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	2,4,5-T	5.0 U	UG/L
A07501	B53C75	1868	1202	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07501	B53C75	1868	1202	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07501	B53C75	1868	1202	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07501	B53C75	1868	1202	"	2,4-D	10.0 U	UG/L
A07501	B53C75	1868	1202	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	2-BUTANONE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	2-METHYLPHENOL	100.0 U	UG/L
A07501	B53C75	1868	1202	"	4-METHYLPHENOL	100.0 U	UG/L
A07501	B53C75	1868	1202	"	ALPHA CHLORDANE	1.0 U	UG/L
A07501	B53C75	1868	1202	"	ARSENIC	100.0 U	UG/L
A07501	B53C75	1868	1202	"	BARIUM	1060 =	UG/L
A07501	B53C75	1868	1202	"	BENZENE	50.0 U	UG/L
A07501	B53C75	1868	1202	"	CADMIUM	19.3 =	UG/L
A07501	B53C75	1868	1202	"	CARBON TETRACHLORIDE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
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Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07501	B53C75	1868	1202	3.0 - 5.0	CHLOROBENZENE	50.0 U	UG/L
A07501	B53C75	1868	1202	"	CHLOROFORM	50.0 U	UG/L
A07501	B53C75	1868	1202	"	CHROMIUM	10.0 U	UG/L
A07501	B53C75	1868	1202	"	ENDRIN	0.2 U	UG/L
A07501	B53C75	1868	1202	"	GAMMA CHLORDANE	1.0 U	UG/L
A07501	B53C75	1868	1202	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07501	B53C75	1868	1202	"	HEPT. EPOXIDE	0.1 U	UG/L
A07501	B53C75	1868	1202	"	HEPTACHLOR	0.1 U	UG/L
A07501	B53C75	1868	1202	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	HEXACHLOROETHANE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	LEAD	135.0 =	UG/L
A07501	B53C75	1868	1202	"	MERCURY	0.2 U	UG/L
A07501	B53C75	1868	1202	"	METHOXYCHLOR	1.0 U	UG/L
A07501	B53C75	1868	1202	"	NITROBENZENE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07501	B53C75	1868	1202	"	PYRIDINE	100.0 U	UG/L
A07501	B53C75	1868	1202	"	SELENIUM	370.0 =	UG/L
A07501	B53C75	1868	1202	"	SILVER	10.0 U	UG/L
A07501	B53C75	1868	1202	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07501	B53C75	1868	1202	"	TOXAPHENE	2.1 U	UG/L
A07501	B53C75	1868	1202	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07501	B53C75	1868	1202	"	VINYL CHLORIDE	100.0 U	UG/L
A07502	B53C75	1868	1202	8.0 - 10.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07502	B53C75	1868	1202	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07502	B53C75	1868	1202	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	2,4,5-T	5.0 U	UG/L

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Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07502	B53C75	1868	1202	8.0 - 10.0	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07502	B53C75	1868	1202	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07502	B53C75	1868	1202	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07502	B53C75	1868	1202	"	2,4-D	10.0 U	UG/L
A07502	B53C75	1868	1202	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	2-BUTANONE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	2-METHYLPHENOL	100.0 U	UG/L
A07502	B53C75	1868	1202	"	4-METHYLPHENOL	100.0 U	UG/L
A07502	B53C75	1868	1202	"	ALPHA CHLORDANE	1.0 U	UG/L
A07502	B53C75	1868	1202	"	ARSENIC	100.0 U	UG/L
A07502	B53C75	1868	1202	"	BARIUM	1300 =	UG/L
A07502	B53C75	1868	1202	"	BENZENE	50.0 U	UG/L
A07502	B53C75	1868	1202	"	CADMIUM	5.0 U	UG/L
A07502	B53C75	1868	1202	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07502	B53C75	1868	1202	"	CHLOROBENZENE	50.0 U	UG/L
A07502	B53C75	1868	1202	"	CHLOROFORM	50.0 U	UG/L
A07502	B53C75	1868	1202	"	CHROMIUM	10.0 U	UG/L
A07502	B53C75	1868	1202	"	ENDRIN	0.2 U	UG/L
A07502	B53C75	1868	1202	"	GAMMA CHLORDANE	1.0 U	UG/L
A07502	B53C75	1868	1202	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07502	B53C75	1868	1202	"	HEPT. EPOXIDE	0.1 U	UG/L
A07502	B53C75	1868	1202	"	HEPTACHLOR	0.1 U	UG/L
A07502	B53C75	1868	1202	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	HEXACHLOROETHANE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	LEAD	90.0 U	UG/L
A07502	B53C75	1868	1202	"	MERCURY	0.2 U	UG/L

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Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07502	B53C75	1868	1202	8.0 - 10.0	METHOXYCHLOR	1.0 U	UG/L
A07502	B53C75	1868	1202	"	NITROBENZENE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07502	B53C75	1868	1202	"	PYRIDINE	100.0 U	UG/L
A07502	B53C75	1868	1202	"	SELENIUM	411.0 =	UG/L
A07502	B53C75	1868	1202	"	SILVER	10.0 U	UG/L
A07502	B53C75	1868	1202	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07502	B53C75	1868	1202	"	TOXAPHENE	2.0 U	UG/L
A07502	B53C75	1868	1202	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07502	B53C75	1868	1202	"	VINYL CHLORIDE	100.0 U	UG/L
A06801	B53C68	1898	1010	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06801	B53C68	1898	1010	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06801	B53C68	1898	1010	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	2,4,5-T	5.0 U	UG/L
A06801	B53C68	1898	1010	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06801	B53C68	1898	1010	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06801	B53C68	1898	1010	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06801	B53C68	1898	1010	"	2,4-D	10.0 U	UG/L
A06801	B53C68	1898	1010	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	2-BUTANONE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	2-METHYLPHENOL	100.0 U	UG/L
A06801	B53C68	1898	1010	"	4-METHYLPHENOL	100.0 U	UG/L
A06801	B53C68	1898	1010	"	ALPHA CHLORDANE	1.1 U	UG/L
A06801	B53C68	1898	1010	"	ARSENIC	100.0 U	UG/L
A06801	B53C68	1898	1010	"	BARIUM	2050 =	UG/L
A06801	B53C68	1898	1010	"	BENZENE	50.0 U	UG/L
A06801	B53C68	1898	1010	"	CADMIUM	5.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06801	B53C68	1898	1010	2.0 - 4.0	CARBON TETRACHLORIDE	50.0 U	UG/L
A06801	B53C68	1898	1010	"	CHLOROBENZENE	50.0 U	UG/L
A06801	B53C68	1898	1010	"	CHLOROFORM	50.0 U	UG/L
A06801	B53C68	1898	1010	"	CHROMIUM	10.0 U	UG/L
A06801	B53C68	1898	1010	"	ENDRIN	0.2 U	UG/L
A06801	B53C68	1898	1010	"	GAMMA CHLORDANE	1.1 U	UG/L
A06801	B53C68	1898	1010	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06801	B53C68	1898	1010	"	HEPT. EPOXIDE	0.1 U	UG/L
A06801	B53C68	1898	1010	"	HEPTACHLOR	0.1 J	UG/L
A06801	B53C68	1898	1010	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	HEXACHLOROETHANE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	LEAD	90.0 U	UG/L
A06801	B53C68	1898	1010	"	MERCURY	0.2 U	UG/L
A06801	B53C68	1898	1010	"	METHOXYCHLOR	1.1 U	UG/L
A06801	B53C68	1898	1010	"	NITROBENZENE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06801	B53C68	1898	1010	"	PYRIDINE	100.0 U	UG/L
A06801	B53C68	1898	1010	"	SELENIUM	100.0 U	UG/L
A06801	B53C68	1898	1010	"	SILVER	10.0 U	UG/L
A06801	B53C68	1898	1010	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06801	B53C68	1898	1010	"	TOXAPHENE	2.2 U	UG/L
A06801	B53C68	1898	1010	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06801	B53C68	1898	1010	"	VINYL CHLORIDE	100.0 U	UG/L
A06802	B53C68	1898	1010	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06802	B53C68	1898	1010	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06802	B53C68	1898	1010	"	1,4-DICHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06802	B53C68	1898	1010	4.0 - 6.0	2,4,5-T	5.0 U	UG/L
A06802	B53C68	1898	1010	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06802	B53C68	1898	1010	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06802	B53C68	1898	1010	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06802	B53C68	1898	1010	"	2,4-D	10.0 U	UG/L
A06802	B53C68	1898	1010	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06802	B53C68	1898	1010	"	2-BUTANONE	100.0 U	UG/L
A06802	B53C68	1898	1010	"	2-METHYLPHENOL	100.0 U	UG/L
A06802	B53C68	1898	1010	"	4-METHYLPHENOL	100.0 U	UG/L
A06802	B53C68	1898	1010	"	ALPHA CHLORDANE	1.1 U	UG/L
A06802	B53C68	1898	1010	"	ARSENIC	100.0 U	UG/L
A06802	B53C68	1898	1010	"	BARIUM	1380 =	UG/L
A06802	B53C68	1898	1010	"	BENZENE	50.0 U	UG/L
A06802	B53C68	1898	1010	"	CADMIUM	5.0 U	UG/L
A06802	B53C68	1898	1010	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06802	B53C68	1898	1010	"	CHLOROBENZENE	50.0 U	UG/L
A06802	B53C68	1898	1010	"	CHLOROFORM	50.0 U	UG/L
A06802	B53C68	1898	1010	"	CHROMIUM	10.0 U	UG/L
A06802	B53C68	1898	1010	"	ENDRIN	0.2 U	UG/L
A06802	B53C68	1898	1010	"	GAMMA CHLORDANE	1.1 U	UG/L
A06802	B53C68	1898	1010	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06802	B53C68	1898	1010	"	HEPT. EPOXIDE	0.1 U	UG/L
A06802	B53C68	1898	1010	"	HEPTACHLOR	0.2 =	UG/L
A06802	B53C68	1898	1010	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06802	B53C68	1898	1010	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06802	B53C68	1898	1010	"	HEXACHLOROETHANE	100.0 U	UG/L
A06802	B53C68	1898	1010	"	LEAD	90.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06802	B53C68	1898	1010	4.0 - 6.0	MERCURY	0.2 U	UG/L
A06802	B53C68	1898	1010	"	METHOXYCHLOR	1.1 U	UG/L
A06802	B53C68	1898	1010	"	NITROBENZENE	100.0 U	UG/L
A06802	B53C68	1898	1010	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06802	B53C68	1898	1010	"	PYRIDINE	100.0 U	UG/L
A06802	B53C68	1898	1010	"	SELENIUM	100.0 U	UG/L
A06802	B53C68	1898	1010	"	SILVER	10.0 U	UG/L
A06802	B53C68	1898	1010	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06802	B53C68	1898	1010	"	TOXAPHENE	2.2 U	UG/L
A06802	B53C68	1898	1010	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06802	B53C68	1898	1010	"	VINYL CHLORIDE	100.0 U	UG/L
A06701	B53C67	1901	1500	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06701	B53C67	1901	1500	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06701	B53C67	1901	1500	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	2,4,5-T	5.0 U	UG/L
A06701	B53C67	1901	1500	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06701	B53C67	1901	1500	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06701	B53C67	1901	1500	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06701	B53C67	1901	1500	"	2,4-D	10.0 U	UG/L
A06701	B53C67	1901	1500	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	2-BUTANONE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	2-METHYLPHENOL	100.0 U	UG/L
A06701	B53C67	1901	1500	"	4-METHYLPHENOL	100.0 U	UG/L
A06701	B53C67	1901	1500	"	ALPHA CHLORDANE	1.4 U	UG/L
A06701	B53C67	1901	1500	"	ARSENIC	100.0 U	UG/L
A06701	B53C67	1901	1500	"	BARIUM	2850 =	UG/L
A06701	B53C67	1901	1500	"	BENZENE	50.0 U	UG/L

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Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06701	B53C67	1901	1500	0.0 - 2.0	CADMIUM	5.0 U	UG/L
A06701	B53C67	1901	1500	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06701	B53C67	1901	1500	"	CHLOROBENZENE	50.0 U	UG/L
A06701	B53C67	1901	1500	"	CHLOROFORM	50.0 U	UG/L
A06701	B53C67	1901	1500	"	CHROMIUM	10.0 U	UG/L
A06701	B53C67	1901	1500	"	ENDRIN	0.3 U	UG/L
A06701	B53C67	1901	1500	"	GAMMA CHLORDANE	1.4 U	UG/L
A06701	B53C67	1901	1500	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06701	B53C67	1901	1500	"	HEPT. EPOXIDE	0.1 U	UG/L
A06701	B53C67	1901	1500	"	HEPTACHLOR	0.1 U	UG/L
A06701	B53C67	1901	1500	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	HEXACHLOROETHANE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	LEAD	90.0 U	UG/L
A06701	B53C67	1901	1500	"	MERCURY	0.2 U	UG/L
A06701	B53C67	1901	1500	"	METHOXYCHLOR	1.4 U	UG/L
A06701	B53C67	1901	1500	"	NITROBENZENE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06701	B53C67	1901	1500	"	PYRIDINE	100.0 U	UG/L
A06701	B53C67	1901	1500	"	SELENIUM	100.0 U	UG/L
A06701	B53C67	1901	1500	"	SILVER	10.0 U	UG/L
A06701	B53C67	1901	1500	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06701	B53C67	1901	1500	"	TOXAPHENE	2.8 U	UG/L
A06701	B53C67	1901	1500	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06701	B53C67	1901	1500	"	VINYL CHLORIDE	100.0 U	UG/L
A06702	B53C67	1901	1500	7.0 - 9.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06702	B53C67	1901	1500	"	1,2-DICHLOROETHANE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06702	B53C67	1901	1500	7.0 - 9.0	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06702	B53C67	1901	1500	"	2,4,5-T	5.0 U	UG/L
A06702	B53C67	1901	1500	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06702	B53C67	1901	1500	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06702	B53C67	1901	1500	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06702	B53C67	1901	1500	"	2,4-D	10.0 U	UG/L
A06702	B53C67	1901	1500	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06702	B53C67	1901	1500	"	2-BUTANONE	100.0 U	UG/L
A06702	B53C67	1901	1500	"	2-METHYLPHENOL	100.0 U	UG/L
A06702	B53C67	1901	1500	"	4-METHYLPHENOL	100.0 U	UG/L
A06702	B53C67	1901	1500	"	ALPHA CHLORDANE	1.4 U	UG/L
A06702	B53C67	1901	1500	"	ARSENIC	100.0 U	UG/L
A06702	B53C67	1901	1500	"	BARIUM	1260 =	UG/L
A06702	B53C67	1901	1500	"	BENZENE	50.0 U	UG/L
A06702	B53C67	1901	1500	"	CADMIUM	5.1 =	UG/L
A06702	B53C67	1901	1500	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06702	B53C67	1901	1500	"	CHLOROBENZENE	50.0 U	UG/L
A06702	B53C67	1901	1500	"	CHLOROFORM	50.0 U	UG/L
A06702	B53C67	1901	1500	"	CHROMIUM	10.0 U	UG/L
A06702	B53C67	1901	1500	"	ENDRIN	0.3 U	UG/L
A06702	B53C67	1901	1500	"	GAMMA CHLORDANE	1.4 U	UG/L
A06702	B53C67	1901	1500	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06702	B53C67	1901	1500	"	HEPT. EPOXIDE	0.1 U	UG/L
A06702	B53C67	1901	1500	"	HEPTACHLOR	0.1 U	UG/L
A06702	B53C67	1901	1500	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06702	B53C67	1901	1500	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06702	B53C67	1901	1500	"	HEXACHLOROETHANE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06702	B53C67	1901	1500	7.0 - 9.0	LEAD	90.0 U	UG/L
A06702	B53C67	1901	1500	"	MERCURY	0.2 U	UG/L
A06702	B53C67	1901	1500	"	METHOXYCHLOR	1.4 U	UG/L
A06702	B53C67	1901	1500	"	NITROBENZENE	100.0 U	UG/L
A06702	B53C67	1901	1500	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06702	B53C67	1901	1500	"	PYRIDINE	100.0 U	UG/L
A06702	B53C67	1901	1500	"	SELENIUM	173.0 =	UG/L
A06702	B53C67	1901	1500	"	SILVER	10.0 U	UG/L
A06702	B53C67	1901	1500	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06702	B53C67	1901	1500	"	TOXAPHENE	2.7 U	UG/L
A06702	B53C67	1901	1500	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06702	B53C67	1901	1500	"	VINYL CHLORIDE	100.0 U	UG/L
A06901	B53C69	2002	1199	1.0 - 3.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A06901	B53C69	2002	1199	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A06901	B53C69	2002	1199	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	2,4,5-T	5.0 U	UG/L
A06901	B53C69	2002	1199	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06901	B53C69	2002	1199	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06901	B53C69	2002	1199	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06901	B53C69	2002	1199	"	2,4-D	10.0 U	UG/L
A06901	B53C69	2002	1199	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	2-BUTANONE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	2-METHYLPHENOL	100.0 U	UG/L
A06901	B53C69	2002	1199	"	4-METHYLPHENOL	100.0 U	UG/L
A06901	B53C69	2002	1199	"	ALPHA CHLORDANE	1.3 U	UG/L
A06901	B53C69	2002	1199	"	ARSENIC	100.0 U	UG/L
A06901	B53C69	2002	1199	"	BARIUM	927.0 =	UG/L

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Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06901	B53C69	2002	1199	1.0 - 3.0	BENZENE	50.0 U	UG/L
A06901	B53C69	2002	1199	"	CADMIUM	5.0 U	UG/L
A06901	B53C69	2002	1199	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06901	B53C69	2002	1199	"	CHLOROBENZENE	50.0 U	UG/L
A06901	B53C69	2002	1199	"	CHLOROFORM	50.0 U	UG/L
A06901	B53C69	2002	1199	"	CHROMIUM	10.0 U	UG/L
A06901	B53C69	2002	1199	"	ENDRIN	0.3 U	UG/L
A06901	B53C69	2002	1199	"	GAMMA CHLORDANE	1.3 U	UG/L
A06901	B53C69	2002	1199	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06901	B53C69	2002	1199	"	HEPT. EPOXIDE	0.1 U	UG/L
A06901	B53C69	2002	1199	"	HEPTACHLOR	0.1 =	UG/L
A06901	B53C69	2002	1199	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	HEXACHLOROETHANE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	LEAD	90.0 U	UG/L
A06901	B53C69	2002	1199	"	MERCURY	0.2 U	UG/L
A06901	B53C69	2002	1199	"	METHOXYCHLOR	1.3 U	UG/L
A06901	B53C69	2002	1199	"	NITROBENZENE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06901	B53C69	2002	1199	"	PYRIDINE	100.0 U	UG/L
A06901	B53C69	2002	1199	"	SELENIUM	100.0 U	UG/L
A06901	B53C69	2002	1199	"	SILVER	10.0 U	UG/L
A06901	B53C69	2002	1199	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06901	B53C69	2002	1199	"	TOXAPHENE	2.6 U	UG/L
A06901	B53C69	2002	1199	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06901	B53C69	2002	1199	"	VINYL CHLORIDE	100.0 U	UG/L
A06902	B53C69	2002	1199	6.0 - 8.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
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Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06902	B53C69	2002	1199	6.0 - 8.0	1,2-DICHLOROETHANE	50.0 U	UG/L
A06902	B53C69	2002	1199	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A06902	B53C69	2002	1199	"	2,4,5-T	5.0 U	UG/L
A06902	B53C69	2002	1199	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A06902	B53C69	2002	1199	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A06902	B53C69	2002	1199	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A06902	B53C69	2002	1199	"	2,4-D	10.0 U	UG/L
A06902	B53C69	2002	1199	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A06902	B53C69	2002	1199	"	2-BUTANONE	100.0 U	UG/L
A06902	B53C69	2002	1199	"	2-METHYLPHENOL	100.0 U	UG/L
A06902	B53C69	2002	1199	"	4-METHYLPHENOL	100.0 U	UG/L
A06902	B53C69	2002	1199	"	ALPHA CHLORDANE	1.2 U	UG/L
A06902	B53C69	2002	1199	"	ARSENIC	100.0 U	UG/L
A06902	B53C69	2002	1199	"	BARIUM	1460 =	UG/L
A06902	B53C69	2002	1199	"	BENZENE	50.0 U	UG/L
A06902	B53C69	2002	1199	"	CADMIUM	5.0 U	UG/L
A06902	B53C69	2002	1199	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A06902	B53C69	2002	1199	"	CHLOROBENZENE	50.0 U	UG/L
A06902	B53C69	2002	1199	"	CHLOROFORM	50.0 U	UG/L
A06902	B53C69	2002	1199	"	CHROMIUM	10.0 U	UG/L
A06902	B53C69	2002	1199	"	ENDRIN	0.2 U	UG/L
A06902	B53C69	2002	1199	"	GAMMA CHLORDANE	1.2 U	UG/L
A06902	B53C69	2002	1199	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A06902	B53C69	2002	1199	"	HEPT. EPOXIDE	0.1 U	UG/L
A06902	B53C69	2002	1199	"	HEPTACHLOR	0.1 =	UG/L
A06902	B53C69	2002	1199	"	HEXACHLOROBENZENE	100.0 U	UG/L
A06902	B53C69	2002	1199	"	HEXACHLOROBUTADIENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A06902	B53C69	2002	1199	6.0 - 8.0	HEXACHLOROETHANE	100.0 U	UG/L
A06902	B53C69	2002	1199	"	LEAD	90.0 U	UG/L
A06902	B53C69	2002	1199	"	MERCURY	0.2 U	UG/L
A06902	B53C69	2002	1199	"	METHOXYCHLOR	1.2 U	UG/L
A06902	B53C69	2002	1199	"	NITROBENZENE	100.0 U	UG/L
A06902	B53C69	2002	1199	"	PENTACHLOROPHENOL	500.0 U	UG/L
A06902	B53C69	2002	1199	"	PYRIDINE	100.0 U	UG/L
A06902	B53C69	2002	1199	"	SELENIUM	268.0 =	UG/L
A06902	B53C69	2002	1199	"	SILVER	10.0 U	UG/L
A06902	B53C69	2002	1199	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A06902	B53C69	2002	1199	"	TOXAPHENE	2.4 U	UG/L
A06902	B53C69	2002	1199	"	TRICHLOROETHYLENE	50.0 U	UG/L
A06902	B53C69	2002	1199	"	VINYL CHLORIDE	100.0 U	UG/L
A07001	B53C70	2100	1400	0.0 - 2.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07001	B53C70	2100	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07001	B53C70	2100	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	2,4,5-T	5.0 U	UG/L
A07001	B53C70	2100	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07001	B53C70	2100	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07001	B53C70	2100	1400	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07001	B53C70	2100	1400	"	2,4-D	10.0 U	UG/L
A07001	B53C70	2100	1400	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	2-BUTANONE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	2-METHYLPHENOL	100.0 U	UG/L
A07001	B53C70	2100	1400	"	4-METHYLPHENOL	100.0 U	UG/L
A07001	B53C70	2100	1400	"	ALPHA CHLORDANE	1.2 U	UG/L
A07001	B53C70	2100	1400	"	ARSENIC	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07001	B53C70	2100	1400	0.0 - 2.0	BARIUM	1760 =	UG/L
A07001	B53C70	2100	1400	"	BENZENE	50.0 U	UG/L
A07001	B53C70	2100	1400	"	CADMIUM	17.3 =	UG/L
A07001	B53C70	2100	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07001	B53C70	2100	1400	"	CHLOROBENZENE	50.0 U	UG/L
A07001	B53C70	2100	1400	"	CHLOROFORM	50.0 U	UG/L
A07001	B53C70	2100	1400	"	CHROMIUM	10.0 U	UG/L
A07001	B53C70	2100	1400	"	ENDRIN	0.2 U	UG/L
A07001	B53C70	2100	1400	"	GAMMA CHLORDANE	1.2 U	UG/L
A07001	B53C70	2100	1400	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07001	B53C70	2100	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
A07001	B53C70	2100	1400	"	HEPTACHLOR	0.4 =	UG/L
A07001	B53C70	2100	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	LEAD	90.0 U	UG/L
A07001	B53C70	2100	1400	"	MERCURY	0.2 U	UG/L
A07001	B53C70	2100	1400	"	METHOXYCHLOR	1.2 U	UG/L
A07001	B53C70	2100	1400	"	NITROBENZENE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07001	B53C70	2100	1400	"	PYRIDINE	100.0 U	UG/L
A07001	B53C70	2100	1400	"	SELENIUM	280.0 =	UG/L
A07001	B53C70	2100	1400	"	SILVER	10.0 U	UG/L
A07001	B53C70	2100	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07001	B53C70	2100	1400	"	TOXAPHENE	2.4 U	UG/L
A07001	B53C70	2100	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07001	B53C70	2100	1400	"	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07002	B53C70	2100	1400	9.5 - 11.5	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07002	B53C70	2100	1400	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07002	B53C70	2100	1400	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07002	B53C70	2100	1400	"	2,4,5-T	5.0 U	UG/L
A07002	B53C70	2100	1400	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07002	B53C70	2100	1400	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07002	B53C70	2100	1400	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07002	B53C70	2100	1400	"	2,4-D	10.0 U	UG/L
A07002	B53C70	2100	1400	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07002	B53C70	2100	1400	"	2-BUTANONE	100.0 U	UG/L
A07002	B53C70	2100	1400	"	2-METHYLPHENOL	100.0 U	UG/L
A07002	B53C70	2100	1400	"	4-METHYLPHENOL	100.0 U	UG/L
A07002	B53C70	2100	1400	"	ALPHA CHLORDANE	1.1 U	UG/L
A07002	B53C70	2100	1400	"	ARSENIC	100.0 U	UG/L
A07002	B53C70	2100	1400	"	BARIUM	1750 =	UG/L
A07002	B53C70	2100	1400	"	BENZENE	50.0 U	UG/L
A07002	B53C70	2100	1400	"	CADMIUM	5.0 U	UG/L
A07002	B53C70	2100	1400	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07002	B53C70	2100	1400	"	CHLOROBENZENE	50.0 U	UG/L
A07002	B53C70	2100	1400	"	CHLOROFORM	50.0 U	UG/L
A07002	B53C70	2100	1400	"	CHROMIUM	10.0 U	UG/L
A07002	B53C70	2100	1400	"	ENDRIN	0.2 U	UG/L
A07002	B53C70	2100	1400	"	GAMMA CHLORDANE	1.1 U	UG/L
A07002	B53C70	2100	1400	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07002	B53C70	2100	1400	"	HEPT. EPOXIDE	0.1 U	UG/L
A07002	B53C70	2100	1400	"	HEPTACHLOR	0.4 =	UG/L
A07002	B53C70	2100	1400	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07002	B53C70	2100	1400	9.5 - 11.5	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07002	B53C70	2100	1400	"	HEXACHLOROETHANE	100.0 U	UG/L
A07002	B53C70	2100	1400	"	LEAD	90.0 U	UG/L
A07002	B53C70	2100	1400	"	MERCURY	0.2 U	UG/L
A07002	B53C70	2100	1400	"	METHOXYCHLOR	1.1 U	UG/L
A07002	B53C70	2100	1400	"	NITROBENZENE	100.0 U	UG/L
A07002	B53C70	2100	1400	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07002	B53C70	2100	1400	"	PYRIDINE	100.0 U	UG/L
A07002	B53C70	2100	1400	"	SELENIUM	316.0 =	UG/L
A07002	B53C70	2100	1400	"	SILVER	10.0 U	UG/L
A07002	B53C70	2100	1400	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07002	B53C70	2100	1400	"	TOXAPHENE	2.2 U	UG/L
A07002	B53C70	2100	1400	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07002	B53C70	2100	1400	"	VINYL CHLORIDE	100.0 U	UG/L
A07101	B53C71	2250	1049	0.5 - 2.5	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07101	B53C71	2250	1049	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07101	B53C71	2250	1049	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	2,4,5-T	5.0 U	UG/L
A07101	B53C71	2250	1049	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07101	B53C71	2250	1049	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07101	B53C71	2250	1049	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07101	B53C71	2250	1049	"	2,4-D	10.0 U	UG/L
A07101	B53C71	2250	1049	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	2-BUTANONE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	2-METHYLPHENOL	100.0 U	UG/L
A07101	B53C71	2250	1049	"	4-METHYLPHENOL	100.0 U	UG/L
A07101	B53C71	2250	1049	"	ALPHA CHLORDANE	1.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
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Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07101	B53C71	2250	1049	0.5 - 2.5	ARSENIC	100.0 U	UG/L
A07101	B53C71	2250	1049	"	BARIUM	1920 =	UG/L
A07101	B53C71	2250	1049	"	BENZENE	50.0 U	UG/L
A07101	B53C71	2250	1049	"	CADMIUM	14.2 =	UG/L
A07101	B53C71	2250	1049	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07101	B53C71	2250	1049	"	CHLOROBENZENE	50.0 U	UG/L
A07101	B53C71	2250	1049	"	CHLOROFORM	50.0 U	UG/L
A07101	B53C71	2250	1049	"	CHROMIUM	10.0 U	UG/L
A07101	B53C71	2250	1049	"	ENDRIN	0.2 U	UG/L
A07101	B53C71	2250	1049	"	GAMMA CHLORDANE	1.0 U	UG/L
A07101	B53C71	2250	1049	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07101	B53C71	2250	1049	"	HEPT. EPOXIDE	0.1 U	UG/L
A07101	B53C71	2250	1049	"	HEPTACHLOR	0.3 =	UG/L
A07101	B53C71	2250	1049	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	HEXACHLOROETHANE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	LEAD	90.0 U	UG/L
A07101	B53C71	2250	1049	"	MERCURY	0.2 U	UG/L
A07101	B53C71	2250	1049	"	METHOXYCHLOR	1.0 U	UG/L
A07101	B53C71	2250	1049	"	NITROBENZENE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07101	B53C71	2250	1049	"	PYRIDINE	100.0 U	UG/L
A07101	B53C71	2250	1049	"	SELENIUM	100.0 U	UG/L
A07101	B53C71	2250	1049	"	SILVER	10.0 U	UG/L
A07101	B53C71	2250	1049	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07101	B53C71	2250	1049	"	TOXAPHENE	2.0 U	UG/L
A07101	B53C71	2250	1049	"	TRICHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07101	B53C71	2250	1049	0.5 - 2.5	VINYL CHLORIDE	100.0 U	UG/L
A07102	B53C71	2250	1049	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07102	B53C71	2250	1049	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07102	B53C71	2250	1049	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	2,4,5-T	5.0 U	UG/L
A07102	B53C71	2250	1049	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07102	B53C71	2250	1049	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07102	B53C71	2250	1049	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07102	B53C71	2250	1049	"	2,4-D	10.0 U	UG/L
A07102	B53C71	2250	1049	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	2-BUTANONE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	2-METHYLPHENOL	100.0 U	UG/L
A07102	B53C71	2250	1049	"	4-METHYLPHENOL	100.0 U	UG/L
A07102	B53C71	2250	1049	"	ALPHA CHLORDANE	1.0 U	UG/L
A07102	B53C71	2250	1049	"	ARSENIC	100.0 U	UG/L
A07102	B53C71	2250	1049	"	BARIUM	585.0 =	UG/L
A07102	B53C71	2250	1049	"	BENZENE	50.0 U	UG/L
A07102	B53C71	2250	1049	"	CADMIUM	5.0 U	UG/L
A07102	B53C71	2250	1049	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07102	B53C71	2250	1049	"	CHLOROBENZENE	50.0 U	UG/L
A07102	B53C71	2250	1049	"	CHLOROFORM	50.0 U	UG/L
A07102	B53C71	2250	1049	"	CHROMIUM	10.0 U	UG/L
A07102	B53C71	2250	1049	"	ENDRIN	0.2 U	UG/L
A07102	B53C71	2250	1049	"	GAMMA CHLORDANE	1.0 U	UG/L
A07102	B53C71	2250	1049	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07102	B53C71	2250	1049	"	HEPT. EPOXIDE	0.1 U	UG/L
A07102	B53C71	2250	1049	"	HEPTACHLOR	0.0 J	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
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Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07102	B53C71	2250	1049	4.0 - 6.0	HEXACHLOROBENZENE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	HEXACHLOROETHANE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	LEAD	90.0 U	UG/L
A07102	B53C71	2250	1049	"	MERCURY	0.2 U	UG/L
A07102	B53C71	2250	1049	"	METHOXYCHLOR	1.0 U	UG/L
A07102	B53C71	2250	1049	"	NITROBENZENE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07102	B53C71	2250	1049	"	PYRIDINE	100.0 U	UG/L
A07102	B53C71	2250	1049	"	SELENIUM	100.0 U	UG/L
A07102	B53C71	2250	1049	"	SILVER	10.0 U	UG/L
A07102	B53C71	2250	1049	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07102	B53C71	2250	1049	"	TOXAPHENE	2.0 U	UG/L
A07102	B53C71	2250	1049	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07102	B53C71	2250	1049	"	VINYL CHLORIDE	100.0 U	UG/L
A07201	B53C72	2399	1196	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07201	B53C72	2399	1196	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07201	B53C72	2399	1196	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	2,4,5-T	5.0 U	UG/L
A07201	B53C72	2399	1196	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07201	B53C72	2399	1196	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07201	B53C72	2399	1196	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07201	B53C72	2399	1196	"	2,4-D	10.0 U	UG/L
A07201	B53C72	2399	1196	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	2-BUTANONE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	2-METHYLPHENOL	100.0 U	UG/L
A07201	B53C72	2399	1196	"	4-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
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A07201	B53C72	2399	1196	2.0 - 4.0	ALPHA CHLORDANE	1.1 U	UG/L
A07201	B53C72	2399	1196	"	ARSENIC	100.0 U	UG/L
A07201	B53C72	2399	1196	"	BARIUM	3400 =	UG/L
A07201	B53C72	2399	1196	"	BENZENE	50.0 U	UG/L
A07201	B53C72	2399	1196	"	CADMIUM	5.0 U	UG/L
A07201	B53C72	2399	1196	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07201	B53C72	2399	1196	"	CHLOROBENZENE	50.0 U	UG/L
A07201	B53C72	2399	1196	"	CHLOROFORM	50.0 U	UG/L
A07201	B53C72	2399	1196	"	CHROMIUM	10.0 U	UG/L
A07201	B53C72	2399	1196	"	ENDRIN	0.2 U	UG/L
A07201	B53C72	2399	1196	"	GAMMA CHLORDANE	1.1 U	UG/L
A07201	B53C72	2399	1196	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07201	B53C72	2399	1196	"	HEPT. EPOXIDE	0.1 U	UG/L
A07201	B53C72	2399	1196	"	HEPTACHLOR	0.1 U	UG/L
A07201	B53C72	2399	1196	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	HEXACHLOROETHANE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	LEAD	90.0 U	UG/L
A07201	B53C72	2399	1196	"	MERCURY	0.2 U	UG/L
A07201	B53C72	2399	1196	"	METHOXYCHLOR	1.1 U	UG/L
A07201	B53C72	2399	1196	"	NITROBENZENE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07201	B53C72	2399	1196	"	PYRIDINE	100.0 U	UG/L
A07201	B53C72	2399	1196	"	SELENIUM	1180 =	UG/L
A07201	B53C72	2399	1196	"	SILVER	10.0 U	UG/L
A07201	B53C72	2399	1196	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07201	B53C72	2399	1196	"	TOXAPHENE	2.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07201	B53C72	2399	1196	2.0 - 4.0	TRICHLOROETHYLENE	50.0 U	UG/L
A07201	B53C72	2399	1196	"	VINYL CHLORIDE	100.0 U	UG/L
A07202	B53C72	2399	1196	8.0 - 10.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07202	B53C72	2399	1196	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07202	B53C72	2399	1196	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	2,4,5-T	5.0 U	UG/L
A07202	B53C72	2399	1196	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07202	B53C72	2399	1196	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07202	B53C72	2399	1196	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07202	B53C72	2399	1196	"	2,4-D	10.0 U	UG/L
A07202	B53C72	2399	1196	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	2-BUTANONE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	2-METHYLPHENOL	100.0 U	UG/L
A07202	B53C72	2399	1196	"	4-METHYLPHENOL	100.0 U	UG/L
A07202	B53C72	2399	1196	"	ALPHA CHLORDANE	1.2 U	UG/L
A07202	B53C72	2399	1196	"	ARSENIC	100.0 U	UG/L
A07202	B53C72	2399	1196	"	BARIUM	1550 =	UG/L
A07202	B53C72	2399	1196	"	BENZENE	50.0 U	UG/L
A07202	B53C72	2399	1196	"	CADMIUM	5.0 U	UG/L
A07202	B53C72	2399	1196	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07202	B53C72	2399	1196	"	CHLOROBENZENE	50.0 U	UG/L
A07202	B53C72	2399	1196	"	CHLOROFORM	50.0 U	UG/L
A07202	B53C72	2399	1196	"	CHROMIUM	10.0 U	UG/L
A07202	B53C72	2399	1196	"	ENDRIN	0.2 U	UG/L
A07202	B53C72	2399	1196	"	GAMMA CHLORDANE	1.2 U	UG/L
A07202	B53C72	2399	1196	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07202	B53C72	2399	1196	"	HEPT. EPOXIDE	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07202	B53C72	2399	1196	8.0 - 10.0	HEPTACHLOR	0.1 U	UG/L
A07202	B53C72	2399	1196	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	HEXACHLOROETHANE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	LEAD	90.0 U	UG/L
A07202	B53C72	2399	1196	"	MERCURY	0.2 U	UG/L
A07202	B53C72	2399	1196	"	METHOXYCHLOR	1.2 U	UG/L
A07202	B53C72	2399	1196	"	NITROBENZENE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07202	B53C72	2399	1196	"	PYRIDINE	100.0 U	UG/L
A07202	B53C72	2399	1196	"	SELENIUM	322.0 =	UG/L
A07202	B53C72	2399	1196	"	SILVER	10.0 U	UG/L
A07202	B53C72	2399	1196	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07202	B53C72	2399	1196	"	TOXAPHENE	2.3 U	UG/L
A07202	B53C72	2399	1196	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07202	B53C72	2399	1196	"	VINYL CHLORIDE	100.0 U	UG/L
A07301	B53C73	2499	1049	1.0 - 3.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07301	B53C73	2499	1049	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07301	B53C73	2499	1049	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	2,4,5-T	5.0 U	UG/L
A07301	B53C73	2499	1049	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07301	B53C73	2499	1049	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07301	B53C73	2499	1049	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07301	B53C73	2499	1049	"	2,4-D	10.0 U	UG/L
A07301	B53C73	2499	1049	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	2-BUTANONE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	2-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07301	B53C73	2499	1049	1.0 - 3.0	4-METHYLPHENOL	100.0 U	UG/L
A07301	B53C73	2499	1049	"	ALPHA CHLORDANE	1.2 U	UG/L
A07301	B53C73	2499	1049	"	ARSENIC	100.0 U	UG/L
A07301	B53C73	2499	1049	"	BARIUM	2340 =	UG/L
A07301	B53C73	2499	1049	"	BENZENE	50.0 U	UG/L
A07301	B53C73	2499	1049	"	CADMIUM	7.4 =	UG/L
A07301	B53C73	2499	1049	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07301	B53C73	2499	1049	"	CHLOROBENZENE	50.0 U	UG/L
A07301	B53C73	2499	1049	"	CHLOROFORM	50.0 U	UG/L
A07301	B53C73	2499	1049	"	CHROMIUM	10.0 U	UG/L
A07301	B53C73	2499	1049	"	ENDRIN	0.2 U	UG/L
A07301	B53C73	2499	1049	"	GAMMA CHLORDANE	1.2 U	UG/L
A07301	B53C73	2499	1049	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07301	B53C73	2499	1049	"	HEPT. EPOXIDE	0.1 U	UG/L
A07301	B53C73	2499	1049	"	HEPTACHLOR	0.1 U	UG/L
A07301	B53C73	2499	1049	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	HEXACHLOROETHANE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	LEAD	90.0 U	UG/L
A07301	B53C73	2499	1049	"	MERCURY	0.2 U	UG/L
A07301	B53C73	2499	1049	"	METHOXYCHLOR	1.2 U	UG/L
A07301	B53C73	2499	1049	"	NITROBENZENE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07301	B53C73	2499	1049	"	PYRIDINE	100.0 U	UG/L
A07301	B53C73	2499	1049	"	SELENIUM	100.0 U	UG/L
A07301	B53C73	2499	1049	"	SILVER	10.0 U	UG/L
A07301	B53C73	2499	1049	"	TETRACHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07301	B53C73	2499	1049	1.0 - 3.0	TOXAPHENE	2.4 U	UG/L
A07301	B53C73	2499	1049	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07301	B53C73	2499	1049	"	VINYL CHLORIDE	100.0 U	UG/L
A07302	B53C73	2499	1049	5.0 - 7.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07302	B53C73	2499	1049	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07302	B53C73	2499	1049	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	2,4,5-T	5.0 U	UG/L
A07302	B53C73	2499	1049	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07302	B53C73	2499	1049	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07302	B53C73	2499	1049	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07302	B53C73	2499	1049	"	2,4-D	10.0 U	UG/L
A07302	B53C73	2499	1049	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	2-BUTANONE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	2-METHYLPHENOL	100.0 U	UG/L
A07302	B53C73	2499	1049	"	4-METHYLPHENOL	100.0 U	UG/L
A07302	B53C73	2499	1049	"	ALPHA CHLORDANE	1.1 U	UG/L
A07302	B53C73	2499	1049	"	ARSENIC	100.0 U	UG/L
A07302	B53C73	2499	1049	"	BARIUM	913.0 =	UG/L
A07302	B53C73	2499	1049	"	BENZENE	50.0 U	UG/L
A07302	B53C73	2499	1049	"	CADMIUM	5.0 U	UG/L
A07302	B53C73	2499	1049	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07302	B53C73	2499	1049	"	CHLOROBENZENE	50.0 U	UG/L
A07302	B53C73	2499	1049	"	CHLOROFORM	50.0 U	UG/L
A07302	B53C73	2499	1049	"	CHROMIUM	10.0 U	UG/L
A07302	B53C73	2499	1049	"	ENDRIN	0.2 U	UG/L
A07302	B53C73	2499	1049	"	GAMMA CHLORDANE	1.1 U	UG/L
A07302	B53C73	2499	1049	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07302	B53C73	2499	1049	5.0 - 7.0	HEPT. EPOXIDE	0.1 U	UG/L
A07302	B53C73	2499	1049	"	HEPTACHLOR	0.1 U	UG/L
A07302	B53C73	2499	1049	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	HEXACHLOROETHANE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	LEAD	90.0 U	UG/L
A07302	B53C73	2499	1049	"	MERCURY	0.2 U	UG/L
A07302	B53C73	2499	1049	"	METHOXYCHLOR	1.1 U	UG/L
A07302	B53C73	2499	1049	"	NITROBENZENE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07302	B53C73	2499	1049	"	PYRIDINE	100.0 U	UG/L
A07302	B53C73	2499	1049	"	SELENIUM	100.0 U	UG/L
A07302	B53C73	2499	1049	"	SILVER	10.0 U	UG/L
A07302	B53C73	2499	1049	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07302	B53C73	2499	1049	"	TOXAPHENE	2.3 U	UG/L
A07302	B53C73	2499	1049	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07302	B53C73	2499	1049	"	VINYL CHLORIDE	100.0 U	UG/L
A07401	B53C74	2700	1100	1.5 - 3.5	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07401	B53C74	2700	1100	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07401	B53C74	2700	1100	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07401	B53C74	2700	1100	"	2,4,5-T	5.0 U	UG/L
A07401	B53C74	2700	1100	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07401	B53C74	2700	1100	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07401	B53C74	2700	1100	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07401	B53C74	2700	1100	"	2,4-D	10.0 U	UG/L
A07401	B53C74	2700	1100	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07401	B53C74	2700	1100	"	2-BUTANONE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07401	B53C74	2700	1100	1.5 - 3.5	2-METHYLPHENOL	100.0 U	UG/L
A07401	B53C74	2700	1100	"	4-METHYLPHENOL	100.0 U	UG/L
A07401	B53C74	2700	1100	"	ALPHA CHLORDANE	1.0 U	UG/L
A07401	B53C74	2700	1100	"	ARSENIC	100.0 U	UG/L
A07401	B53C74	2700	1100	"	BARIUM	2710 =	UG/L
A07401	B53C74	2700	1100	"	BENZENE	50.0 U	UG/L
A07401	B53C74	2700	1100	"	CADMIUM	5.0 U	UG/L
A07401	B53C74	2700	1100	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07401	B53C74	2700	1100	"	CHLOROBENZENE	50.0 U	UG/L
A07401	B53C74	2700	1100	"	CHLOROFORM	50.0 U	UG/L
A07401	B53C74	2700	1100	"	CHROMIUM	10.0 U	UG/L
A07401	B53C74	2700	1100	"	ENDRIN	0.2 U	UG/L
A07401	B53C74	2700	1100	"	GAMMA CHLORDANE	1.0 U	UG/L
A07401	B53C74	2700	1100	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07401	B53C74	2700	1100	"	HEPT. EPOXIDE	0.1 U	UG/L
A07401	B53C74	2700	1100	"	HEPTACHLOR	0.1 U	UG/L
A07401	B53C74	2700	1100	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07401	B53C74	2700	1100	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07401	B53C74	2700	1100	"	HEXACHLOROETHANE	100.0 U	UG/L
A07401	B53C74	2700	1100	"	LEAD	90.0 U	UG/L
A07401	B53C74	2700	1100	"	MERCURY	0.2 U	UG/L
A07401	B53C74	2700	1100	"	METHOXYCHLOR	1.0 U	UG/L
A07401	B53C74	2700	1100	"	NITROBENZENE	100.0 U	UG/L
A07401	B53C74	2700	1100	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07401	B53C74	2700	1100	"	PYRIDINE	100.0 U	UG/L
A07401	B53C74	2700	1100	"	SELENIUM	226.0 =	UG/L
A07401	B53C74	2700	1100	"	SILVER	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
A07401	B53C74	2700	1100	1.5 - 3.5	TETRACHLOROETHYLENE	50.0 U	UG/L
A07401	B53C74	2700	1100	"	TOXAPHENE	2.0 U	UG/L
A07401	B53C74	2700	1100	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07401	B53C74	2700	1100	"	VINYL CHLORIDE	100.0 U	UG/L
A07402	B53C74	2700	1100	6.0 - 8.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
A07402	B53C74	2700	1100	"	1,2-DICHLOROETHANE	50.0 U	UG/L
A07402	B53C74	2700	1100	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	2,4,5-T	5.0 U	UG/L
A07402	B53C74	2700	1100	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
A07402	B53C74	2700	1100	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
A07402	B53C74	2700	1100	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
A07402	B53C74	2700	1100	"	2,4-D	10.0 U	UG/L
A07402	B53C74	2700	1100	"	2,4-DINITROTOLUENE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	2-BUTANONE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	2-METHYLPHENOL	100.0 U	UG/L
A07402	B53C74	2700	1100	"	4-METHYLPHENOL	100.0 U	UG/L
A07402	B53C74	2700	1100	"	ALPHA CHLORDANE	0.9 U	UG/L
A07402	B53C74	2700	1100	"	ARSENIC	100.0 U	UG/L
A07402	B53C74	2700	1100	"	BARIUM	2530 =	UG/L
A07402	B53C74	2700	1100	"	BENZENE	50.0 U	UG/L
A07402	B53C74	2700	1100	"	CADMIUM	5.0 U	UG/L
A07402	B53C74	2700	1100	"	CARBON TETRACHLORIDE	50.0 U	UG/L
A07402	B53C74	2700	1100	"	CHLOROBENZENE	50.0 U	UG/L
A07402	B53C74	2700	1100	"	CHLOROFORM	50.0 U	UG/L
A07402	B53C74	2700	1100	"	CHROMIUM	10.0 U	UG/L
A07402	B53C74	2700	1100	"	ENDRIN	0.2 U	UG/L
A07402	B53C74	2700	1100	"	GAMMA CHLORDANE	0.9 U	UG/L

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Soil Sampling Results at SLAPS

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A07402	B53C74	2700	1100	6.0 - 8.0	GAMMA-BHC (LINDANE)	0.1 U	UG/L
A07402	B53C74	2700	1100	"	HEPT. EPOXIDE	0.1 U	UG/L
A07402	B53C74	2700	1100	"	HEPTACHLOR	0.1 U	UG/L
A07402	B53C74	2700	1100	"	HEXACHLOROBENZENE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	HEXACHLOROETHANE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	LEAD	90.0 U	UG/L
A07402	B53C74	2700	1100	"	MERCURY	0.2 U	UG/L
A07402	B53C74	2700	1100	"	METHOXYCHLOR	0.9 U	UG/L
A07402	B53C74	2700	1100	"	NITROBENZENE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	PENTACHLOROPHENOL	500.0 U	UG/L
A07402	B53C74	2700	1100	"	PYRIDINE	100.0 U	UG/L
A07402	B53C74	2700	1100	"	SELENIUM	105.0 =	UG/L
A07402	B53C74	2700	1100	"	SILVER	10.0 U	UG/L
A07402	B53C74	2700	1100	"	TETRACHLOROETHYLENE	50.0 U	UG/L
A07402	B53C74	2700	1100	"	TOXAPHENE	1.8 U	UG/L
A07402	B53C74	2700	1100	"	TRICHLOROETHYLENE	50.0 U	UG/L
A07402	B53C74	2700	1100	"	VINYL CHLORIDE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01802	B53W18S	560	1561	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01802	B53W18S	560	1561	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01802	B53W18S	560	1561	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01802	B53W18S	560	1561	"	2,4,5-T	5.0 U	UG/L
B01802	B53W18S	560	1561	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01802	B53W18S	560	1561	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01802	B53W18S	560	1561	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01802	B53W18S	560	1561	"	2,4-D	10.0 U	UG/L
B01802	B53W18S	560	1561	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B01802	B53W18S	560	1561	"	2-BUTANONE	100.0 U	UG/L
B01802	B53W18S	560	1561	"	2-METHYLPHENOL	100.0 U	UG/L
B01802	B53W18S	560	1561	"	4-METHYLPHENOL	100.0 U	UG/L
B01802	B53W18S	560	1561	"	ALPHA CHLORDANE	1.1 U	UG/L
B01802	B53W18S	560	1561	"	ARSENIC	100.0 U	UG/L
B01802	B53W18S	560	1561	"	BARIUM	1280 =	UG/L
B01802	B53W18S	560	1561	"	BENZENE	50.0 U	UG/L
B01802	B53W18S	560	1561	"	CADMIUM	5.0 U	UG/L
B01802	B53W18S	560	1561	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01802	B53W18S	560	1561	"	CHLOROBENZENE	50.0 U	UG/L
B01802	B53W18S	560	1561	"	CHLOROFORM	50.0 U	UG/L
B01802	B53W18S	560	1561	"	CHROMIUM	10.0 U	UG/L
B01802	B53W18S	560	1561	"	ENDRIN	0.2 U	UG/L
B01802	B53W18S	560	1561	"	GAMMA CHLORDANE	1.1 U	UG/L
B01802	B53W18S	560	1561	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
B01802	B53W18S	560	1561	"	HEPT. EPOXIDE	0.1 U	UG/L
B01802	B53W18S	560	1561	"	HEPTACHLOR	0.1 U	UG/L
B01802	B53W18S	560	1561	"	HEXACHLOROBENZENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01802	B53W18S	560	1561	4.0 - 6.0	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01802	B53W18S	560	1561	"	HEXACHLOROETHANE	100.0 U	UG/L
B01802	B53W18S	560	1561	"	LEAD	90.0 U	UG/L
B01802	B53W18S	560	1561	"	MERCURY	0.2 U	UG/L
B01802	B53W18S	560	1561	"	METHOXYCHLOR	1.1 U	UG/L
B01802	B53W18S	560	1561	"	NITROBENZENE	100.0 U	UG/L
B01802	B53W18S	560	1561	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01802	B53W18S	560	1561	"	PYRIDINE	100.0 U	UG/L
B01802	B53W18S	560	1561	"	SELENIUM	100.0 U	UG/L
B01802	B53W18S	560	1561	"	SILVER	10.0 U	UG/L
B01802	B53W18S	560	1561	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B01802	B53W18S	560	1561	"	TOXAPHENE	2.3 U	UG/L
B01802	B53W18S	560	1561	"	TRICHLOROETHYLENE	50.0 U	UG/L
B01802	B53W18S	560	1561	"	VINYL CHLORIDE	100.0 U	UG/L
B01803	B53W18S	560	1561	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01803	B53W18S	560	1561	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01803	B53W18S	560	1561	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	2,4,5-T	5.0 U	UG/L
B01803	B53W18S	560	1561	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01803	B53W18S	560	1561	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01803	B53W18S	560	1561	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01803	B53W18S	560	1561	"	2,4-D	10.0 U	UG/L
B01803	B53W18S	560	1561	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	2-BUTANONE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	2-METHYLPHENOL	100.0 U	UG/L
B01803	B53W18S	560	1561	"	4-METHYLPHENOL	100.0 U	UG/L
B01803	B53W18S	560	1561	"	ALPHA CHLORDANE	1.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01803	B53W18S	560	1561	10.0 - 12.0	ARSENIC	100.0 U	UG/L
B01803	B53W18S	560	1561	"	BARIUM	605.0 =	UG/L
B01803	B53W18S	560	1561	"	BENZENE	50.0 U	UG/L
B01803	B53W18S	560	1561	"	CADMIUM	5.0 U	UG/L
B01803	B53W18S	560	1561	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01803	B53W18S	560	1561	"	CHLOROBENZENE	50.0 U	UG/L
B01803	B53W18S	560	1561	"	CHLOROFORM	50.0 U	UG/L
B01803	B53W18S	560	1561	"	CHROMIUM	10.0 U	UG/L
B01803	B53W18S	560	1561	"	ENDRIN	0.2 U	UG/L
B01803	B53W18S	560	1561	"	GAMMA CHLORDANE	1.2 U	UG/L
B01803	B53W18S	560	1561	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
B01803	B53W18S	560	1561	"	HEPT. EPOXIDE	0.1 U	UG/L
B01803	B53W18S	560	1561	"	HEPTACHLOR	0.1 U	UG/L
B01803	B53W18S	560	1561	"	HEXACHLOROBENZENE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	HEXACHLOROETHANE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	LEAD	90.0 U	UG/L
B01803	B53W18S	560	1561	"	MERCURY	0.2 U	UG/L
B01803	B53W18S	560	1561	"	METHOXYCHLOR	1.2 U	UG/L
B01803	B53W18S	560	1561	"	NITROBENZENE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01803	B53W18S	560	1561	"	PYRIDINE	100.0 U	UG/L
B01803	B53W18S	560	1561	"	SELENIUM	100.0 U	UG/L
B01803	B53W18S	560	1561	"	SILVER	10.0 U	UG/L
B01803	B53W18S	560	1561	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B01803	B53W18S	560	1561	"	TOXAPHENE	2.4 U	UG/L
B01803	B53W18S	560	1561	"	TRICHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01803	B53W18S	560	1561	10.0 - 12.0	VINYL CHLORIDE	100.0 U	UG/L
B01902	B53W19S	1426	853	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01902	B53W19S	1426	853	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01902	B53W19S	1426	853	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	2,4,5-T	5.0 U	UG/L
B01902	B53W19S	1426	853	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01902	B53W19S	1426	853	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01902	B53W19S	1426	853	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01902	B53W19S	1426	853	"	2,4-D	10.0 U	UG/L
B01902	B53W19S	1426	853	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	2-BUTANONE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	2-METHYLPHENOL	100.0 U	UG/L
B01902	B53W19S	1426	853	"	4-METHYLPHENOL	100.0 U	UG/L
B01902	B53W19S	1426	853	"	ALPHA CHLORDANE	1.0 U	UG/L
B01902	B53W19S	1426	853	"	ARSENIC	100.0 U	UG/L
B01902	B53W19S	1426	853	"	BARIUM	659.0 =	UG/L
B01902	B53W19S	1426	853	"	BENZENE	50.0 U	UG/L
B01902	B53W19S	1426	853	"	CADMIUM	5.0 U	UG/L
B01902	B53W19S	1426	853	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01902	B53W19S	1426	853	"	CHLOROBENZENE	50.0 U	UG/L
B01902	B53W19S	1426	853	"	CHLOROFORM	50.0 U	UG/L
B01902	B53W19S	1426	853	"	CHROMIUM	10.0 U	UG/L
B01902	B53W19S	1426	853	"	ENDRIN	0.2 U	UG/L
B01902	B53W19S	1426	853	"	GAMMA CHLORDANE	1.0 U	UG/L
B01902	B53W19S	1426	853	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
B01902	B53W19S	1426	853	"	HEPT. EPOXIDE	0.1 U	UG/L
B01902	B53W19S	1426	853	"	HEPTACHLOR	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01902	B53W19S	1426	853	2.0 - 4.0	HEXACHLOROBENZENE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	HEXACHLOROETHANE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	LEAD	90.0 U	UG/L
B01902	B53W19S	1426	853	"	MERCURY	0.2 U	UG/L
B01902	B53W19S	1426	853	"	METHOXYCHLOR	1.0 U	UG/L
B01902	B53W19S	1426	853	"	NITROBENZENE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01902	B53W19S	1426	853	"	PYRIDINE	100.0 U	UG/L
B01902	B53W19S	1426	853	"	SELENIUM	100.0 U	UG/L
B01902	B53W19S	1426	853	"	SILVER	10.0 U	UG/L
B01902	B53W19S	1426	853	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B01902	B53W19S	1426	853	"	TOXAPHENE	2.0 U	UG/L
B01902	B53W19S	1426	853	"	TRICHLOROETHYLENE	50.0 U	UG/L
B01902	B53W19S	1426	853	"	VINYL CHLORIDE	100.0 U	UG/L
B01903	B53W19S	1426	853	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01903	B53W19S	1426	853	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01903	B53W19S	1426	853	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	2,4,5-T	5.0 U	UG/L
B01903	B53W19S	1426	853	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01903	B53W19S	1426	853	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01903	B53W19S	1426	853	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01903	B53W19S	1426	853	"	2,4-D	10.0 U	UG/L
B01903	B53W19S	1426	853	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	2-BUTANONE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	2-METHYLPHENOL	100.0 U	UG/L
B01903	B53W19S	1426	853	"	4-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01903	B53W19S	1426	853	10.0 - 12.0	ALPHA CHLORDANE	1.1 U	UG/L
B01903	B53W19S	1426	853	"	ARSENIC	100.0 U	UG/L
B01903	B53W19S	1426	853	"	BARIUM	668.0 =	UG/L
B01903	B53W19S	1426	853	"	BENZENE	50.0 U	UG/L
B01903	B53W19S	1426	853	"	CADMIUM	5.0 U	UG/L
B01903	B53W19S	1426	853	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01903	B53W19S	1426	853	"	CHLOROBENZENE	50.0 U	UG/L
B01903	B53W19S	1426	853	"	CHLOROFORM	50.0 U	UG/L
B01903	B53W19S	1426	853	"	CHROMIUM	10.0 U	UG/L
B01903	B53W19S	1426	853	"	ENDRIN	0.2 U	UG/L
B01903	B53W19S	1426	853	"	GAMMA CHLORDANE	1.1 U	UG/L
B01903	B53W19S	1426	853	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
B01903	B53W19S	1426	853	"	HEPT. EPOXIDE	0.1 U	UG/L
B01903	B53W19S	1426	853	"	HEPTACHLOR	0.1 U	UG/L
B01903	B53W19S	1426	853	"	HEXACHLOROBENZENE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	HEXACHLOROETHANE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	LEAD	90.0 U	UG/L
B01903	B53W19S	1426	853	"	MERCURY	0.2 U	UG/L
B01903	B53W19S	1426	853	"	METHOXYCHLOR	1.1 U	UG/L
B01903	B53W19S	1426	853	"	NITROBENZENE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01903	B53W19S	1426	853	"	PYRIDINE	100.0 U	UG/L
B01903	B53W19S	1426	853	"	SELENIUM	240.0 =	UG/L
B01903	B53W19S	1426	853	"	SILVER	10.0 U	UG/L
B01903	B53W19S	1426	853	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B01903	B53W19S	1426	853	"	TOXAPHENE	2.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01903	B53W19S	1426	853	10.0 - 12.0	TRICHLOROETHYLENE	50.0 U	UG/L
B01903	B53W19S	1426	853	"	VINYL CHLORIDE	100.0 U	UG/L
B01702	B53W17S	1910	1751	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	2,4,5-T	5.0 U	UG/L
B01702	B53W17S	1910	1751	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01702	B53W17S	1910	1751	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01702	B53W17S	1910	1751	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	2,4-D	10.0 U	UG/L
B01702	B53W17S	1910	1751	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	2-BUTANONE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	2-METHYLPHENOL	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	4-METHYLPHENOL	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	ALPHA CHLORDANE	1.5 U	UG/L
B01702	B53W17S	1910	1751	"	ARSENIC	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	BARIUM	921.0 =	UG/L
B01702	B53W17S	1910	1751	"	BENZENE	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	CADMIUM	5.0 U	UG/L
B01702	B53W17S	1910	1751	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	CHLOROBENZENE	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	CHLOROFORM	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	CHROMIUM	10.0 U	UG/L
B01702	B53W17S	1910	1751	"	ENDRIN	0.3 U	UG/L
B01702	B53W17S	1910	1751	"	GAMMA CHLORDANE	1.5 U	UG/L
B01702	B53W17S	1910	1751	"	GAMMA-BHC (LINDANE)	0.2 U	UG/L
B01702	B53W17S	1910	1751	"	HEPT. EPOXIDE	0.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01702	B53W17S	1910	1751	2.0 - 4.0	HEPTACHLOR	0.2 U	UG/L
B01702	B53W17S	1910	1751	"	HEXACHLOROBENZENE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	HEXACHLOROETHANE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	LEAD	90.0 U	UG/L
B01702	B53W17S	1910	1751	"	MERCURY	0.2 U	UG/L
B01702	B53W17S	1910	1751	"	METHOXYCHLOR	1.5 U	UG/L
B01702	B53W17S	1910	1751	"	NITROBENZENE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01702	B53W17S	1910	1751	"	PYRIDINE	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	SELENIUM	100.0 U	UG/L
B01702	B53W17S	1910	1751	"	SILVER	10.0 U	UG/L
B01702	B53W17S	1910	1751	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	TOXAPHENE	3.0 U	UG/L
B01702	B53W17S	1910	1751	"	TRICHLOROETHYLENE	50.0 U	UG/L
B01702	B53W17S	1910	1751	"	VINYL CHLORIDE	100.0 U	UG/L
B01703	B53W17S	1910	1751	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01703	B53W17S	1910	1751	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01703	B53W17S	1910	1751	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	2,4,5-T	5.0 U	UG/L
B01703	B53W17S	1910	1751	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01703	B53W17S	1910	1751	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01703	B53W17S	1910	1751	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	2,4-D	10.0 U	UG/L
B01703	B53W17S	1910	1751	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	2-BUTANONE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	2-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01703	B53W17S	1910	1751	10.0 - 12.0	4-METHYLPHENOL	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	ALPHA CHLORDANE	1.5 U	UG/L
B01703	B53W17S	1910	1751	"	ARSENIC	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	BARIUM	638.0 =	UG/L
B01703	B53W17S	1910	1751	"	BENZENE	50.0 U	UG/L
B01703	B53W17S	1910	1751	"	CADMIUM	5.0 U	UG/L
B01703	B53W17S	1910	1751	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01703	B53W17S	1910	1751	"	CHLOROBENZENE	50.0 U	UG/L
B01703	B53W17S	1910	1751	"	CHLOROFORM	50.0 U	UG/L
B01703	B53W17S	1910	1751	"	CHROMIUM	10.0 U	UG/L
B01703	B53W17S	1910	1751	"	ENDRIN	0.3 U	UG/L
B01703	B53W17S	1910	1751	"	GAMMA CHLORDANE	1.5 U	UG/L
B01703	B53W17S	1910	1751	"	GAMMA-BHC (LINDANE)	0.2 U	UG/L
B01703	B53W17S	1910	1751	"	HEPT. EPOXIDE	0.2 U	UG/L
B01703	B53W17S	1910	1751	"	HEPTACHLOR	0.2 U	UG/L
B01703	B53W17S	1910	1751	"	HEXACHLOROBENZENE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	HEXACHLOROETHANE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	LEAD	90.0 U	UG/L
B01703	B53W17S	1910	1751	"	MERCURY	0.2 U	UG/L
B01703	B53W17S	1910	1751	"	METHOXYCHLOR	1.5 U	UG/L
B01703	B53W17S	1910	1751	"	NITROBENZENE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01703	B53W17S	1910	1751	"	PYRIDINE	100.0 U	UG/L
B01703	B53W17S	1910	1751	"	SELENIUM	211.0 =	UG/L
B01703	B53W17S	1910	1751	"	SILVER	10.0 U	UG/L
B01703	B53W17S	1910	1751	"	TETRACHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01703	B53W17S	1910	1751	10.0 - 12.0	TOXAPHENE	3.0 U	UG/L
B01703	B53W17S	1910	1751	"	TRICHLOROETHYLENE	50.0 U	UG/L
B01703	B53W17S	1910	1751	"	VINYL CHLORIDE	100.0 U	UG/L
B02002	B53W20S	3303	804	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B02002	B53W20S	3303	804	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B02002	B53W20S	3303	804	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	2,4,5-T	5.0 U	UG/L
B02002	B53W20S	3303	804	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B02002	B53W20S	3303	804	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B02002	B53W20S	3303	804	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B02002	B53W20S	3303	804	"	2,4-D	10.0 U	UG/L
B02002	B53W20S	3303	804	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	2-BUTANONE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	2-METHYLPHENOL	100.0 U	UG/L
B02002	B53W20S	3303	804	"	4-METHYLPHENOL	100.0 U	UG/L
B02002	B53W20S	3303	804	"	ALPHA CHLORDANE	1.2 U	UG/L
B02002	B53W20S	3303	804	"	ARSENIC	100.0 U	UG/L
B02002	B53W20S	3303	804	"	BARIUM	1710 =	UG/L
B02002	B53W20S	3303	804	"	BENZENE	50.0 U	UG/L
B02002	B53W20S	3303	804	"	CADMIUM	5.0 U	UG/L
B02002	B53W20S	3303	804	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B02002	B53W20S	3303	804	"	CHLOROBENZENE	50.0 U	UG/L
B02002	B53W20S	3303	804	"	CHLOROFORM	50.0 U	UG/L
B02002	B53W20S	3303	804	"	CHROMIUM	10.0 U	UG/L
B02002	B53W20S	3303	804	"	ENDRIN	0.2 U	UG/L
B02002	B53W20S	3303	804	"	GAMMA CHLORDANE	1.2 U	UG/L
B02002	B53W20S	3303	804	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B02002	B53W20S	3303	804	2.0 - 4.0	HEPT. EPOXIDE	0.1 U	UG/L
B02002	B53W20S	3303	804	"	HEPTACHLOR	0.1 U	UG/L
B02002	B53W20S	3303	804	"	HEXACHLOROBENZENE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	HEXACHLOROETHANE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	LEAD	90.0 U	UG/L
B02002	B53W20S	3303	804	"	MERCURY	0.2 U	UG/L
B02002	B53W20S	3303	804	"	METHOXYCHLOR	1.2 U	UG/L
B02002	B53W20S	3303	804	"	NITROBENZENE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	PENTACHLOROPHENOL	500.0 U	UG/L
B02002	B53W20S	3303	804	"	PYRIDINE	100.0 U	UG/L
B02002	B53W20S	3303	804	"	SELENIUM	100.0 U	UG/L
B02002	B53W20S	3303	804	"	SILVER	10.0 U	UG/L
B02002	B53W20S	3303	804	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B02002	B53W20S	3303	804	"	TOXAPHENE	2.3 U	UG/L
B02002	B53W20S	3303	804	"	TRICHLOROETHYLENE	50.0 U	UG/L
B02002	B53W20S	3303	804	"	VINYL CHLORIDE	100.0 U	UG/L
B02003	B53W20S	3303	804	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B02003	B53W20S	3303	804	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B02003	B53W20S	3303	804	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B02003	B53W20S	3303	804	"	2,4,5-T	5.0 U	UG/L
B02003	B53W20S	3303	804	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B02003	B53W20S	3303	804	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B02003	B53W20S	3303	804	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B02003	B53W20S	3303	804	"	2,4-D	10.0 U	UG/L
B02003	B53W20S	3303	804	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B02003	B53W20S	3303	804	"	2-BUTANONE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B02003	B53W20S	3303	804	10.0 - 12.0	2-METHYLPHENOL	100.0 U	UG/L
B02003	B53W20S	3303	804	"	4-METHYLPHENOL	100.0 U	UG/L
B02003	B53W20S	3303	804	"	ALPHA CHLORDANE	1.2 U	UG/L
B02003	B53W20S	3303	804	"	ARSENIC	100.0 U	UG/L
B02003	B53W20S	3303	804	"	BARIUM	833.0 =	UG/L
B02003	B53W20S	3303	804	"	BENZENE	50.0 U	UG/L
B02003	B53W20S	3303	804	"	CADMIUM	5.0 U	UG/L
B02003	B53W20S	3303	804	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B02003	B53W20S	3303	804	"	CHLOROBENZENE	50.0 U	UG/L
B02003	B53W20S	3303	804	"	CHLOROFORM	50.0 U	UG/L
B02003	B53W20S	3303	804	"	CHROMIUM	10.0 U	UG/L
B02003	B53W20S	3303	804	"	ENDRIN	0.2 U	UG/L
B02003	B53W20S	3303	804	"	GAMMA CHLORDANE	1.2 U	UG/L
B02003	B53W20S	3303	804	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
B02003	B53W20S	3303	804	"	HEPT. EPOXIDE	0.1 U	UG/L
B02003	B53W20S	3303	804	"	HEPTACHLOR	0.1 U	UG/L
B02003	B53W20S	3303	804	"	HEXACHLOROBENZENE	100.0 U	UG/L
B02003	B53W20S	3303	804	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B02003	B53W20S	3303	804	"	HEXACHLOROETHANE	100.0 U	UG/L
B02003	B53W20S	3303	804	"	LEAD	90.0 U	UG/L
B02003	B53W20S	3303	804	"	MERCURY	0.2 U	UG/L
B02003	B53W20S	3303	804	"	METHOXYCHLOR	1.2 U	UG/L
B02003	B53W20S	3303	804	"	NITROBENZENE	100.0 U	UG/L
B02003	B53W20S	3303	804	"	PENTACHLOROPHENOL	500.0 U	UG/L
B02003	B53W20S	3303	804	"	PYRIDINE	100.0 U	UG/L
B02003	B53W20S	3303	804	"	SELENIUM	132.0 =	UG/L
B02003	B53W20S	3303	804	"	SILVER	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B02003	B53W20S	3303	804	10.0 - 12.0	TETRACHLOROETHYLENE	50.0 U	UG/L
B02003	B53W20S	3303	804	"	TOXAPHENE	2.4 U	UG/L
B02003	B53W20S	3303	804	"	TRICHLOROETHYLENE	50.0 U	UG/L
B02003	B53W20S	3303	804	"	VINYL CHLORIDE	100.0 U	UG/L
B01202	B53W12D	3530	1211	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	2,4,5-T	5.0 U	UG/L
B01202	B53W12D	3530	1211	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01202	B53W12D	3530	1211	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01202	B53W12D	3530	1211	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	2,4-D	10.0 U	UG/L
B01202	B53W12D	3530	1211	"	2,4-DINITROTOLUENE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	2-BUTANONE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	2-METHYLPHENOL	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	4-METHYLPHENOL	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	ALPHA CHLORDANE	1.3 U	UG/L
B01202	B53W12D	3530	1211	"	ARSENIC	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	BARIUM	1290 =	UG/L
B01202	B53W12D	3530	1211	"	BENZENE	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	CADMIUM	5.0 U	UG/L
B01202	B53W12D	3530	1211	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	CHLOROBENZENE	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	CHLOROFORM	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	CHROMIUM	10.0 U	UG/L
B01202	B53W12D	3530	1211	"	ENDRIN	0.3 U	UG/L
B01202	B53W12D	3530	1211	"	GAMMA CHLORDANE	1.3 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01202	B53W12D	3530	1211	4.0 - 6.0	GAMMA-BHC (LINDANE)	0.1 U	UG/L
B01202	B53W12D	3530	1211	"	HEPT. EPOXIDE	0.1 U	UG/L
B01202	B53W12D	3530	1211	"	HEPTACHLOR	0.1 U	UG/L
B01202	B53W12D	3530	1211	"	HEXACHLOROBENZENE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	HEXACHLOROETHANE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	LEAD	90.0 U	UG/L
B01202	B53W12D	3530	1211	"	MERCURY	0.2 U	UG/L
B01202	B53W12D	3530	1211	"	METHOXYCHLOR	1.3 U	UG/L
B01202	B53W12D	3530	1211	"	NITROBENZENE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01202	B53W12D	3530	1211	"	PYRIDINE	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	SELENIUM	100.0 U	UG/L
B01202	B53W12D	3530	1211	"	SILVER	10.0 U	UG/L
B01202	B53W12D	3530	1211	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	TOXAPHENE	2.5 U	UG/L
B01202	B53W12D	3530	1211	"	TRICHLOROETHYLENE	50.0 U	UG/L
B01202	B53W12D	3530	1211	"	VINYL CHLORIDE	100.0 U	UG/L
B01203	B53W12D	3530	1211	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	1,2-DICHLOROETHANE	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	2,4,5-T	5.0 U	UG/L
B01203	B53W12D	3530	1211	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
B01203	B53W12D	3530	1211	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
B01203	B53W12D	3530	1211	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	2,4-D	10.0 U	UG/L
B01203	B53W12D	3530	1211	"	2,4-DINITROTOLUENE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01203	B53W12D	3530	1211	10.0 - 12.0	2-BUTANONE	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	2-METHYLPHENOL	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	4-METHYLPHENOL	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	ALPHA CHLORDANE	1.2 U	UG/L
B01203	B53W12D	3530	1211	"	ARSENIC	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	BARIUM	799.0 =	UG/L
B01203	B53W12D	3530	1211	"	BENZENE	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	CADMIUM	5.0 U	UG/L
B01203	B53W12D	3530	1211	"	CARBON TETRACHLORIDE	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	CHLOROBENZENE	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	CHLOROFORM	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	CHROMIUM	10.0 U	UG/L
B01203	B53W12D	3530	1211	"	ENDRIN	0.2 U	UG/L
B01203	B53W12D	3530	1211	"	GAMMA CHLORDANE	1.2 U	UG/L
B01203	B53W12D	3530	1211	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
B01203	B53W12D	3530	1211	"	HEPT. EPOXIDE	0.1 U	UG/L
B01203	B53W12D	3530	1211	"	HEPTACHLOR	0.1 U	UG/L
B01203	B53W12D	3530	1211	"	HEXACHLOROBENZENE	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	HEXACHLOROETHANE	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	LEAD	90.0 U	UG/L
B01203	B53W12D	3530	1211	"	MERCURY	0.2 U	UG/L
B01203	B53W12D	3530	1211	"	METHOXYCHLOR	1.2 U	UG/L
B01203	B53W12D	3530	1211	"	NITROBENZENE	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	PENTACHLOROPHENOL	500.0 U	UG/L
B01203	B53W12D	3530	1211	"	PYRIDINE	100.0 U	UG/L
B01203	B53W12D	3530	1211	"	SELENIUM	119.0 =	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

0 = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at SLAPS - Ball Fields

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
B01203	B53W12D	3530	1211	10.0 - 12.0	SILVER	10.0 U	UG/L
B01203	B53W12D	3530	1211	"	TETRACHLOROETHYLENE	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	TOXAPHENE	2.4 U	UG/L
B01203	B53W12D	3530	1211	"	TRICHLOROETHYLENE	50.0 U	UG/L
B01203	B53W12D	3530	1211	"	VINYL CHLORIDE	100.0 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

0 = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Table 3-21 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling Results at SLAPS - Total Uranium (pCi/l)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
A	880	1240	1287	2375	1184	1139	1700	2065	2435	3772	-a-	1995*
B	825	1110	5700	4735	6570	5829	5590	5281	4553	6616	-a-	5609*
C	840	1300	40	36	16	13	18	20	19	16	-a-	22
D	1070	1350	233	474	802	637	475	773	690	882	-a-	621*
E	2220	1455	129	114	540	576	197	819	189	204	-a-	34@
F	2860	1035	141	177	146	106	265	266	202	404	-a-	213
M10-8S	808	1011	-a-	-a-	-a-	32	19	21	6	33	6.1[b]	20
M10-8D	808	1009	-a-	-a-	-a-	5	4	5	4	4	0.1[b]	4@
M10-15D	1505	1009	-a-	-a-	-a-	9	5	3	6	6	-a-	6@
M10-15S	1498	1008	-a-	-a-	-a-	11	9	11	5	11	-a-	9
M10-25S	2500	1009	-a-	-a-	-a-	25	39	33	58	36	-a-	38
M10-25D	2508	1012	-a-	-a-	-a-	4	4	3	3	8	-a-	4@
M11-9	900	1102	-a-	-a-	-a-	4578	4620	4807	1936	6144	5620[b]	4618*
M11-21	2096	1098	-a-	-a-	-a-	45	73	96	83	164	-a-	92
M13.5-8.5S	854	1338	-a-	-a-	-a-	4	4	3	4	6	10.2[b]	5@
M13.5-8.5D	864	1339	-a-	-a-	-a-	<3	<3	<3	6	5	0.6[b]	3@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
[b] Second quarter data
[c] Fourth quarter data

Table 3-21 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling Results at SLAPS - Total Uranium (pCi/l)

Location ID	Coordinates		Annual Averages								Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
B53W01S **	1648	3197	-a-	-a-	-a-	-a-	3	<3	<3	6	-a-	3@
B53W01D **	1634	3198	-a-	-a-	-a-	-a-	4	<3	<3	5	-a-	3@
B53W07S	1788	2140	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.6	-a-	1@
B53W10S	2332	1725	-a-	-a-	-a-	-a-	-a-	-a-	-a-	2.2	2.8[b]	3@
B53W10D	926	1578	-a-	-a-	-a-	-a-	-a-	-a-	-a-	4.8	-a-	5@
B53W12S	927	1566	-a-	-a-	-a-	-a-	-a-	-a-	-a-	5.2	-a-	5@
B53W13S	1404	1634	-a-	-a-	-a-	-a-	-a-	-a-	-a-	3.2	9.0[b]	6@
B53W11D	3092	1029	-a-	-a-	-a-	-a-	-a-	-a-	4	17	18.6[b]	13
B53W15S	3305	1069	-a-	-a-	-a-	-a-	-a-	-a-	<3	8	6.2[b]	5@
B53W16S	3105	1026	-a-	-a-	-a-	-a-	-a-	-a-	<3	6	-a-	4@
B53W12D	3530	1211	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	14.3[c]	14
B53W17S	1910	1751	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	5.1[c]	5@
B53W18S	560	1561	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	5.7[c]	6@
B53W19S	1426	853	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	2.1[c]	2@
B53W20S	3303	804	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	3.6[c]	4@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second quarter data
c Fourth quarter data
** Background wells

Table 3-21 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling Results at SLAPS - Radium-226 (pCi/l)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
A	880	1240	0.3	0.2	0.3	0.3	0.4	0.4	0.5	0.3	-a-	0.3@
B	825	1110	0.3	0.2	0.3	0.3	0.6	0.6	0.6	0.4	-a-	0.4@
C	840	1300	0.3	0.2	0.3	0.4	0.5	0.5	0.5	0.3	-a-	0.4@
D	1070	1350	0.2	0.1	0.3	0.1	0.3	0.5	0.4	0.2	-a-	0.3@
E	2220	1455	0.6	0.2	0.5	0.3	0.6	0.6	0.5	0.5	-a-	0.5@
F	2860	1035	0.2	0.1	0.2	0.3	0.6	0.4	0.5	0.2	-a-	0.3@
M10-8S	808	1011	-a-	-a-	-a-	0.4	0.5	0.4	0.5	0.4	0.9[b]	0.5@
M10-8D	808	1009	-a-	-a-	-a-	0.3	0.6	0.6	0.8	0.6	0.9[b]	0.6@
M10-15D	1505	1009	-a-	-a-	-a-	0.4	0.9	0.9	0.9	1.2	-a-	0.9@
M10-15S	1498	1008	-a-	-a-	-a-	0.3	0.8	0.4	0.5	1.2	-a-	0.6@
M10-25S	2500	1009	-a-	-a-	-a-	0.2	0.6	0.5	0.6	0.8	-a-	0.5@
M10-25D	2508	1012	-a-	-a-	-a-	0.2	0.4	0.7	0.7	1.6	-a-	0.7@
M11-9	900	1102	-a-	-a-	-a-	0.5	0.8	0.5	0.6	0.3	-a-	0.5@
M11-21	2096	1098	-a-	-a-	-a-	0.5	0.7	0.7	0.5	2.3	-a-	0.9@
M13.5-8.5S	854	1338	-a-	-a-	-a-	0.5	0.8	0.5	0.7	0.9	2.6[b]	1.0@
M13.5-8.5D	864	1339	-a-	-a-	-a-	0.5	0.6	0.6	1.5	0.6	1.8[b]	0.9@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second quarter data
c Fourth quarter data

Table 3-21 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling Results at SLAPS - Radium-226 (pCi/l)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
B53W01S **	1648	3197	-a-	-a-	-a-	-a-	0.6	0.7	0.4	0.9	-a-	0.7@
B53W01D **	1634	3198	-a-	-a-	-a-	-a-	1.1	1.0	1.0	0.9	-a-	1.0@
B53W07S	1788	2140	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.8	-a-	0.8@
B53W10S	2332	1725	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.3	1.3[b]	0.8@
B53W10D	926	1578	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2	-a-	0.2@
B53W12S	927	1566	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.1	-a-	0.1@
B53W13S	1404	1634	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2	1.7[b]	1.0@
B53W11D	3092	1029	-a-	-a-	-a-	-a-	-a-	-a-	0.8	0.5	33.8[b]	11.7
B53W15S	3305	1069	-a-	-a-	-a-	-a-	-a-	-a-	0.3	0.8	2.3[b]	1.1@
B53W16S	3105	1026	-a-	-a-	-a-	-a-	-a-	-a-	0.2	0.5	-a-	0.4@
B53W12D	3530	1211	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	1.6[c]	1.6@
B53W17S	1910	1751	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.6[c]	0.6@
B53W18S	560	1561	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	1.0[c]	1.0@
B53W19S	1426	853	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2[c]	0.2@
B53W20S	3303	804	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.3[c]	0.3@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second quarter data
c Fourth quarter data
** Background wells

Table 3-21 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling Results at SLAPS - Thorium-230 (pCi/l)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
A	880	1240	9.5	2.3	<0.4	0.8	2.8	2.9	4.1	2.7	-a-	3.2
B	825	1110	0.3	0.3	1.2	1.4	2.0	1.1	1.2	0.9	-a-	1.1
C	840	1300	0.2	0.2	0.2	0.9	0.3	0.1	0.2	0.7	-a-	0.4@
D	1070	1350	0.9	1.3	0.3	0.9	0.9	1.4	1.4	1.5	-a-	1.1
E	2220	1455	0.3	1.0	0.4	0.9	4.8	1.7	0.6	1.3	-a-	1.4
F	2860	1035	0.4	1.1	0.2	1.7	2.0	0.8	0.4	1.2	-a-	1.0@
M10-8S	808	1011	-a-	-a-	-a-	0.2	0.5	0.3	0.2	0.6	0.9[b]	0.5@
M10-8D	808	1009	-a-	-a-	-a-	<0.1	0.3	0.3	0.9	1.0	0.3[b]	0.5@
M10-15D	1505	1009	-a-	-a-	-a-	0.4	1.3	1.1	0.5	0.8	-a-	0.8@
M10-15S	1498	1008	-a-	-a-	-a-	1.8	5.3	1.3	1.0	24.1	-a-	6.7
M10-25S	2500	1009	-a-	-a-	-a-	0.2	0.4	0.1	0.3	1.2	-a-	0.4@
M10-25D	2508	1012	-a-	-a-	-a-	0.8	0.5	0.8	0.2	1.5	-a-	0.6@
M11-9	900	1102	-a-	-a-	-a-	0.3	1.0	0.8	0.2	1.6	1.4[b]	0.8@
M11-21	2096	1098	-a-	-a-	-a-	15.2	52.0	11.0	11.9	28.0	-a-	23.6
M13.5-8.5S	854	1338	-a-	-a-	-a-	0.4	0.7	0.2	0.3	1.6	0.8[b]	0.7@
M13.5-8.5D	864	1339	-a-	-a-	-a-	<0.1	0.7	0.6	0.6	0.5	0.4[b]	0.5@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second quarter data
c Fourth quarter data

Table 3-21 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling Results at SLAPS - Thorium-230 (pCi/l)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
B53W01S **	1648	3197	-a-	-a-	-a-	-a-	0.2	0.3	0.2	0.7	-a-	0.4@
B53W01D **	1634	3198	-a-	-a-	-a-	-a-	0.2	0.4	0.4	0.6	-a-	0.4@
B53W07S	1788	2140	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2	-a-	0.2@
B53W10S	2332	1725	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2	0.9[b]	0.6@
B53W10D	926	1578	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2	-a-	0.2@
B53W12S	927	1566	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2	-a-	0.2@
B53W13S	1404	1634	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2	<0.4[b]	0.2@
B53W11D	3092	1029	-a-	-a-	-a-	-a-	-a-	-a-	2.0	0.8	8.9[b]	3.9
B53W15S	3305	1069	-a-	-a-	-a-	-a-	-a-	-a-	0.7	1.4	0.6[b]	0.9@
B53W16S	3105	1026	-a-	-a-	-a-	-a-	-a-	-a-	0.2	0.7	-a-	0.5@
B53W12D	3530	1211	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	2.6[c]	2.6
B53W17S	1910	1751	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.1[c]	0.1@
B53W18S	560	1561	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	<0.2[c]	<0.2@
B53W19S	1426	853	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.1[c]	0.1@
B53W20S	3303	804	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.6[c]	0.6@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second quarter data
c Fourth quarter data
** Background wells

Table 3-22 Field Sampling Plan Sampling Data

Radionuclide Concentrations in Groundwater
Sampling at SLAPS

Location ID	Coordinates East	Coordinates North	Concentrations Total Uranium (pCi/l ± 2σ)	Radium-226 (pCi/l ± 2σ)	Thorium-232 (pCi/l ± 2σ)	Thorium-230 (pCi/l ± 2σ)
B53W12D	3530	1211	14.3 ± 1.7	1.6 ± 0.9 @	0.5 ± 0.3	2.6 ± 0.9
B53W17S	1910	1751	5.1 ± 0.7 @	0.6 ± 0.3 @	< 0.1 ± 0.0	0.1 ± 0.1 @
B53W18S	560	1561	5.7 ± 0.6 @	1.0 ± 0.4 @	< 0.1 ± 0.0	< 0.2 ± 0.0 @
B53W19S	1426	853	2.1 ± 0.2 @	0.2 ± 0.2 @	< 0.1 ± 0.0	0.1 ± 0.1 @
B53W20S **	3303	804	3.6 ± 0.4 @	0.3 ± 0.2 @	0.3 ± 0.2	0.6 ± 0.3 @

@ Below background wells tolerance limit.

* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).

** Background Well

-a- Analysis not requested.

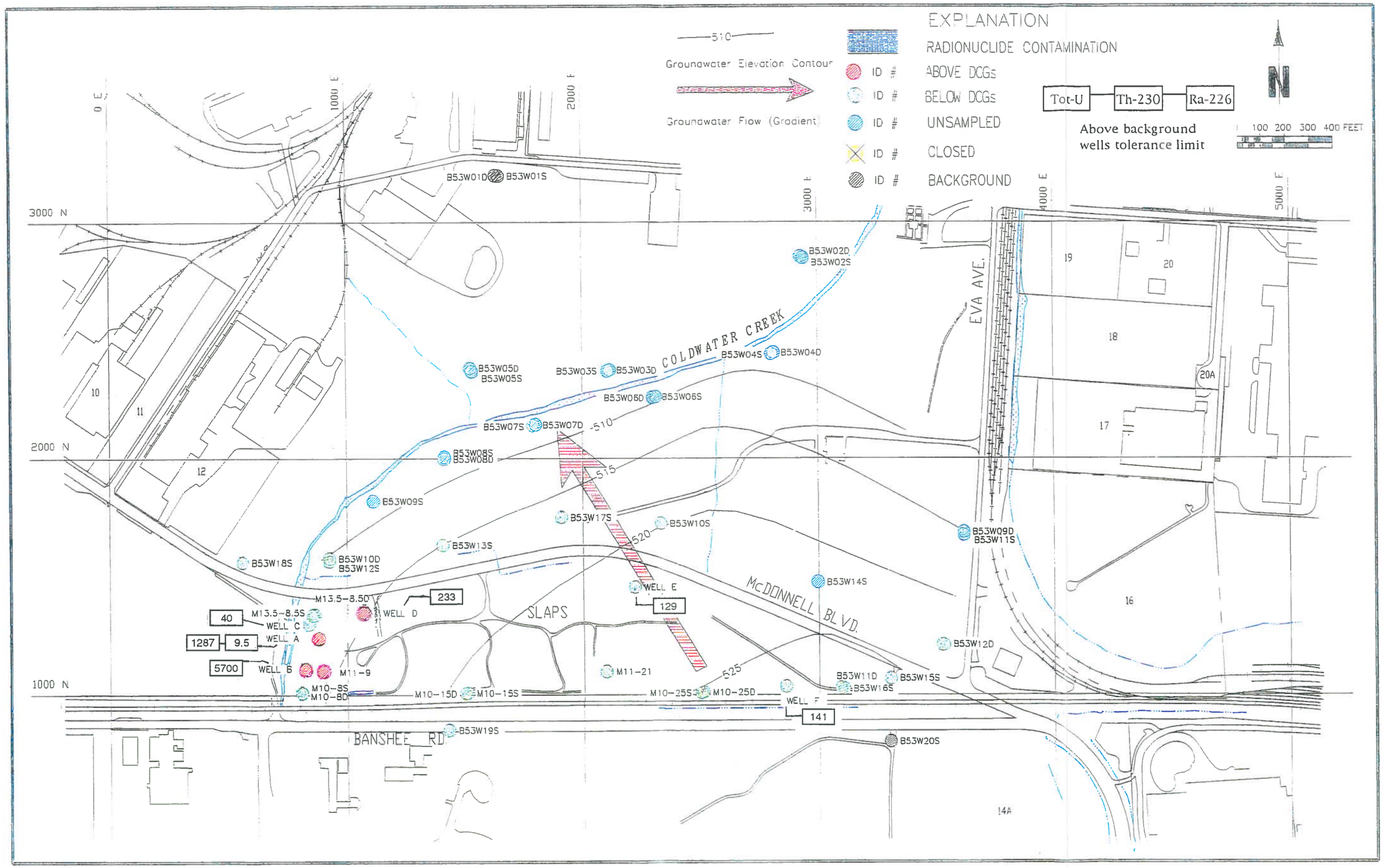

Figure 2-18. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1984 Annual Averages

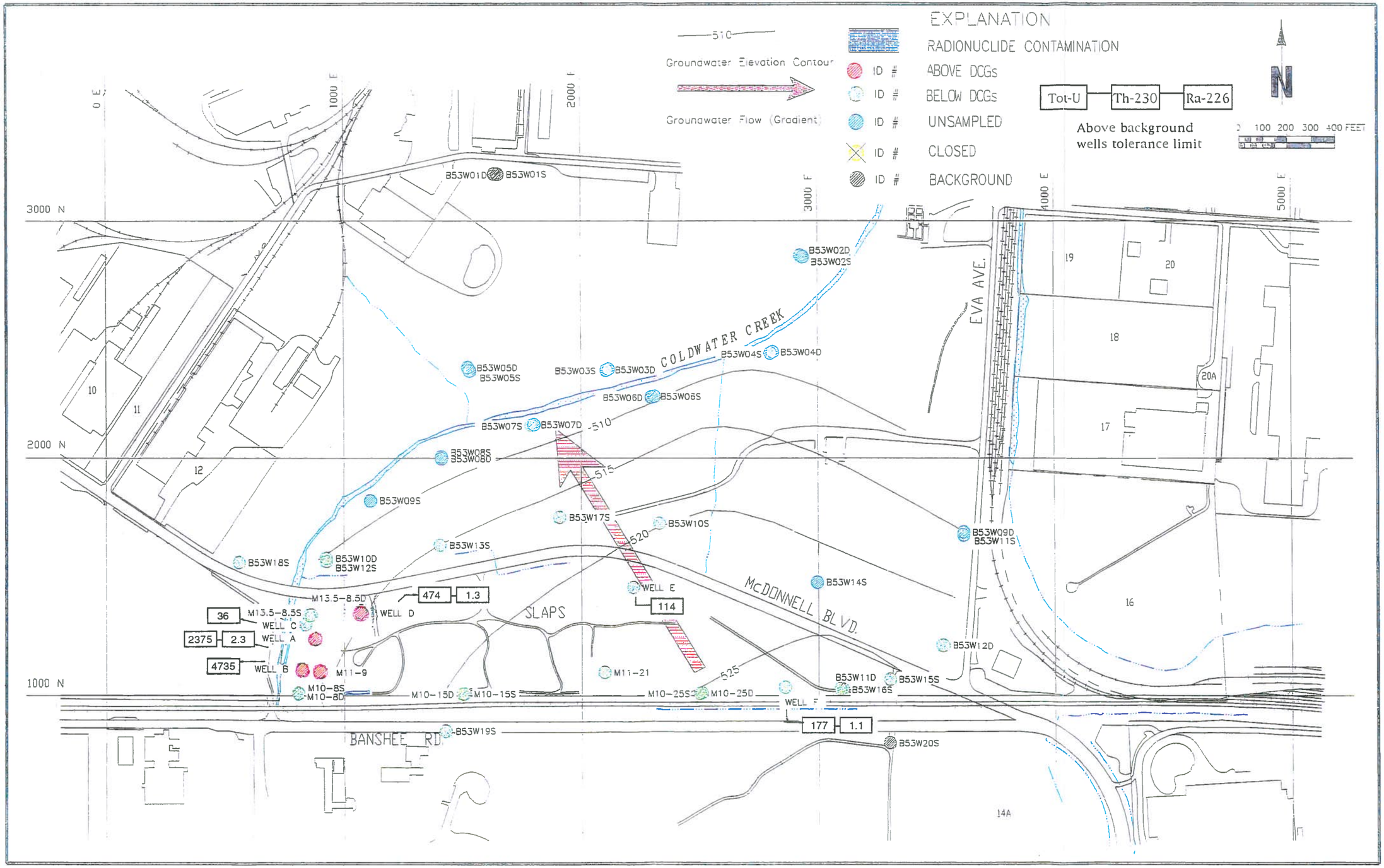

Figure 2-19. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1985 Annual Averages

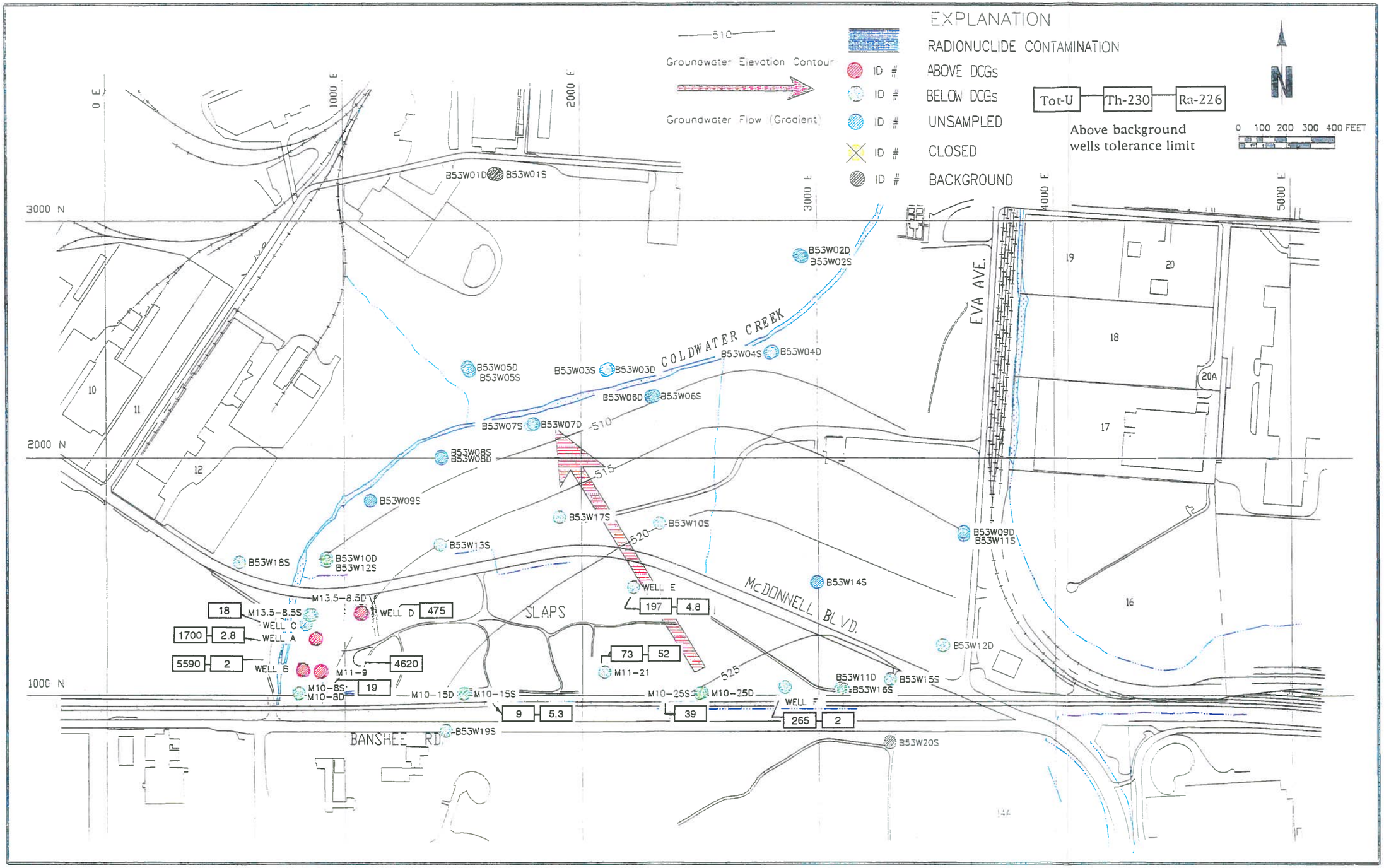

Figure 2-22. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1988 Annual Averages

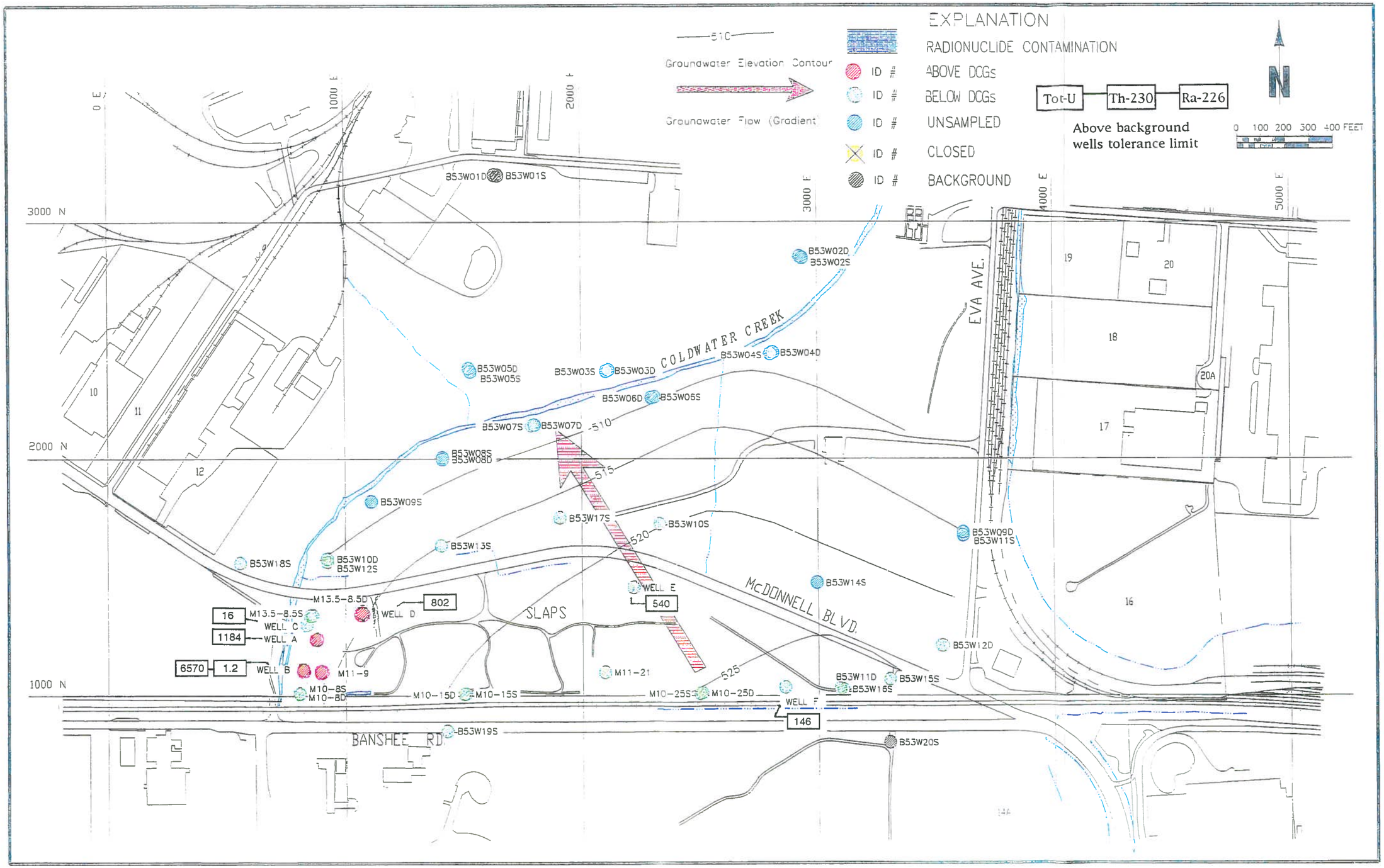

Figure 2-20. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1986 Annual Averages

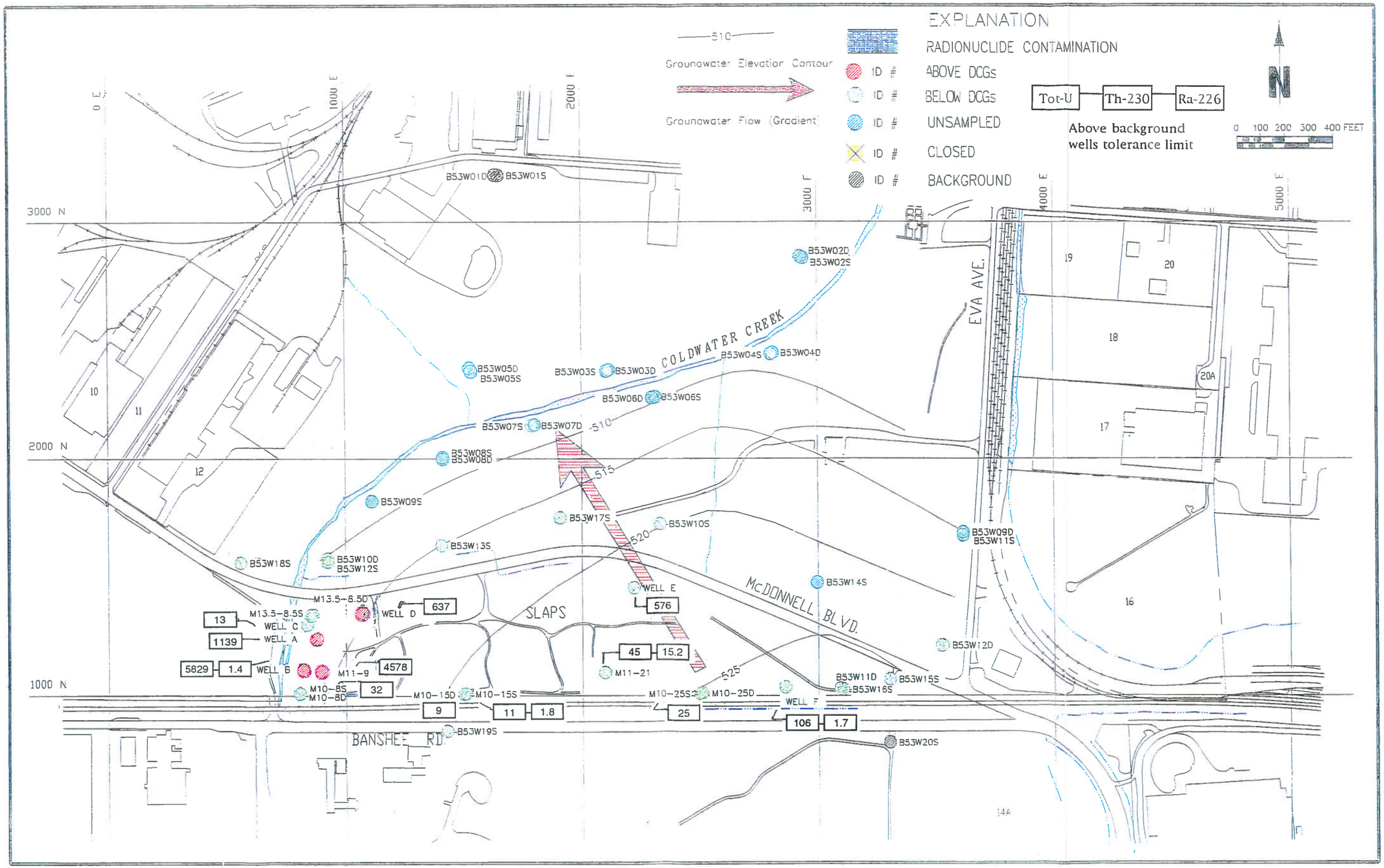

Figure 2-21. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1987 Annual Averages

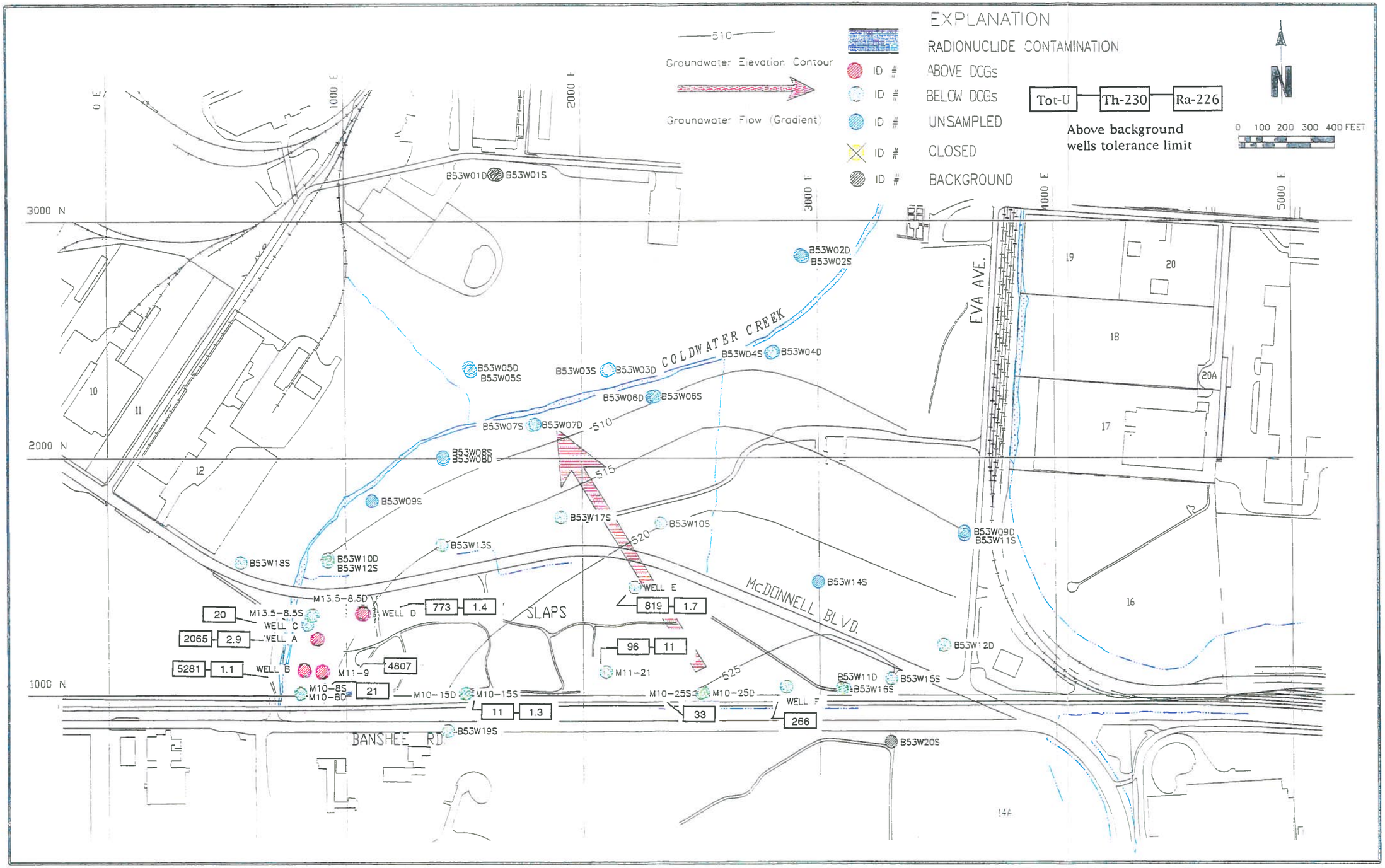

Figure 2-23. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1989 Annual Averages

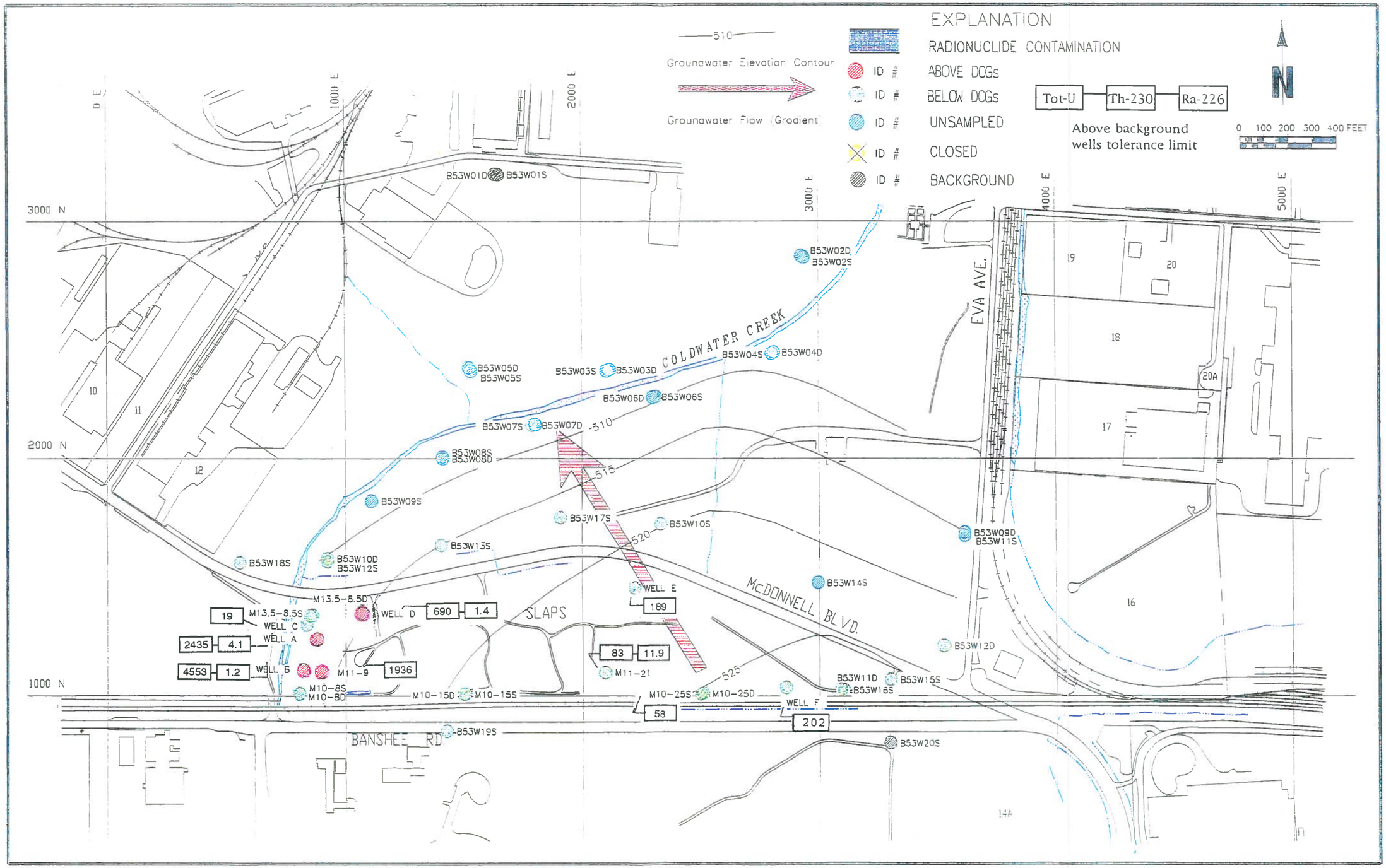

Figure 2-24. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1990 Annual Averages

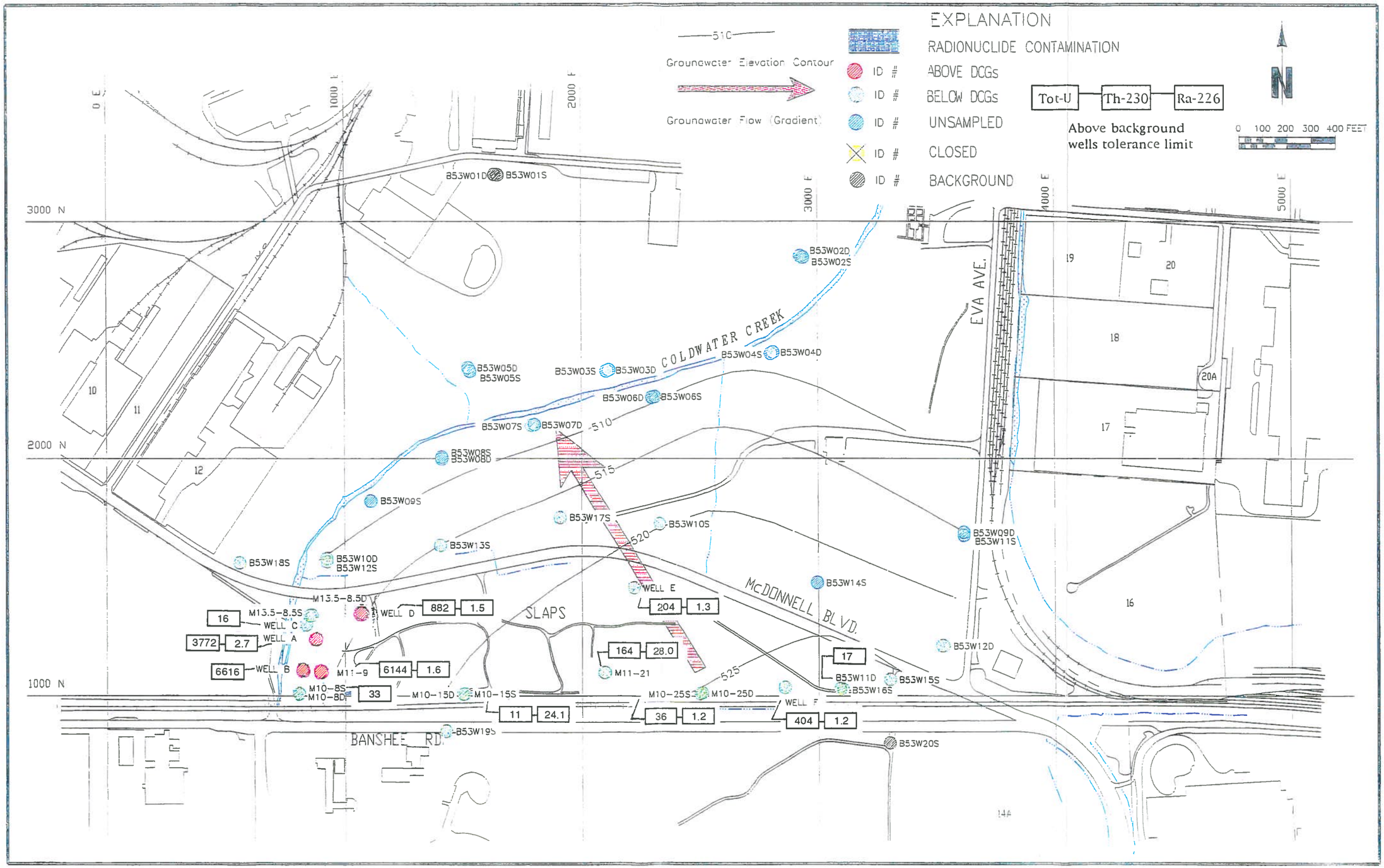

Figure 2-25. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1991 Annual Averages

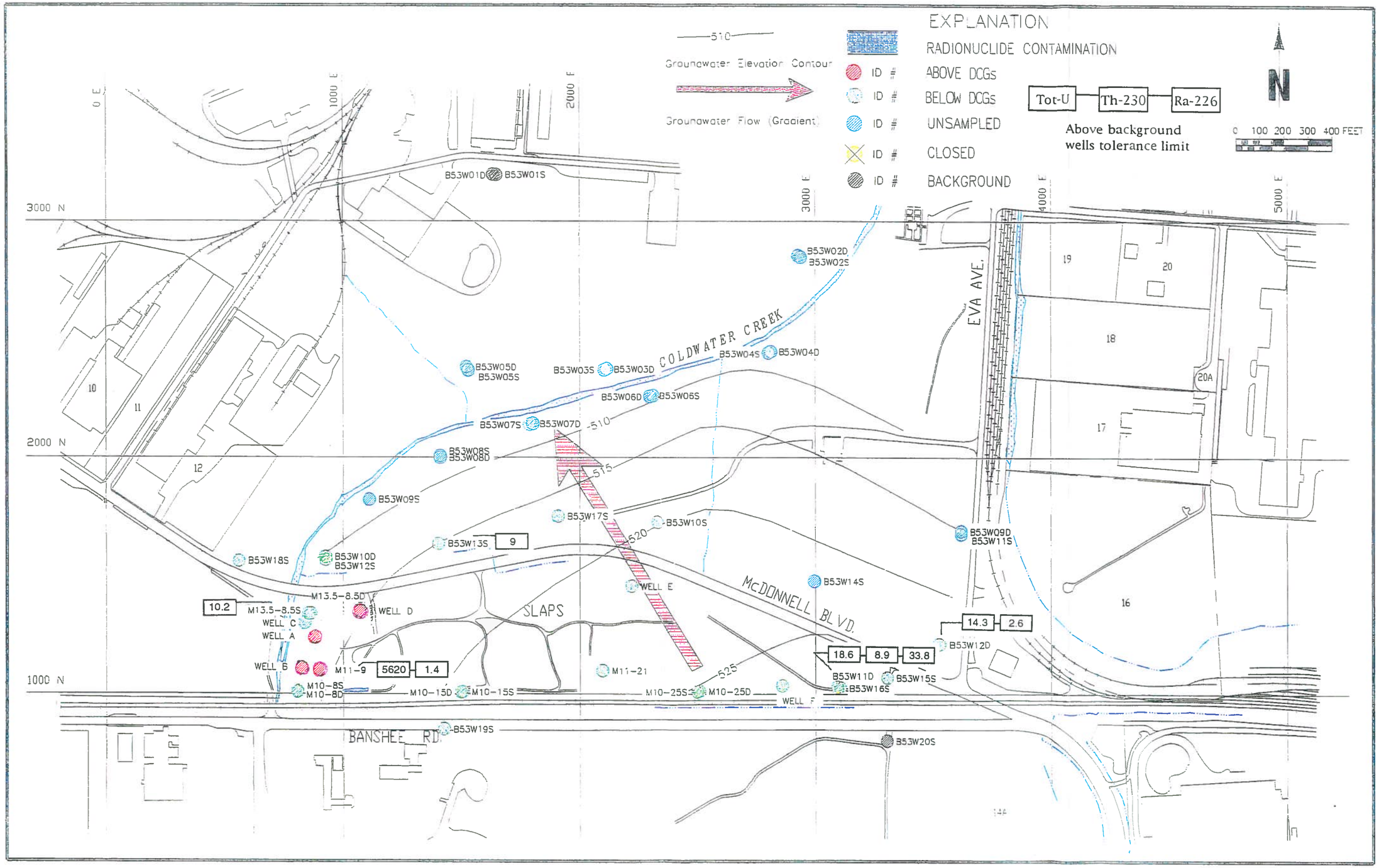

Figure 2-26. Radionuclide Contamination of Groundwater at St. Louis Airport Site and Adjacent Vicinity Properties - 1992 Annual Averages

Table 3-23 Historic Sampling Data
Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	550	1450	0.0 - 1.0	32.0 ± 10.0	26.0 ± 2.0	2.4 ± 1.2	-a-	*
	550	1450	1.0 - 2.0	23.0 ± 6.0	12.0 ± 2.0	< 1.0 ± 0.0	-a-	S
	550	1450	2.0 - 3.0	< 18.0 ± 0.0	15.0 ± 2.0	2.3 ± 1.1	-a-	S
	550	1450	3.0 - 4.0	< 9.0 ± 0.0	0.8 ± 0.5	3.0 ± 1.0	2.0 ± 0.3	
	550	1450	4.0 - 5.0	< 4.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.7	7.0 ± 1.0	
	550	1450	5.0 - 6.0	< 9.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	-a-	
	550	1450	6.0 - 7.0	< 6.0 ± 0.0	0.9 ± 0.4	1.5 ± 0.8	-a-	
	550	1450	7.0 - 8.0	< 5.0 ± 0.0	1.0 ± 0.6	1.1 ± 0.7	-a-	
	550	1450	8.0 - 9.0	< 8.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.7	-a-	
	550	1450	9.0 - 10.0	< 9.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	-a-	
	550	1550	0.0 - 1.0	36.0 ± 29.0	37.0 ± 5.0	< 3.0 ± 0.0	-a-	*
	550	1550	2.0 - 3.0	51.0 ± 14.0	44.0 ± 3.0	< 2.0 ± 0.0	-a-	*
	550	1550	3.0 - 4.0	< 11.0 ± 0.0	3.0 ± 1.0	5.0 ± 1.0	-a-	
	550	1550	4.0 - 5.0	< 7.0 ± 0.0	1.6 ± 0.6	0.7 ± 0.7	4.5 ± 0.9	
	550	1550	5.0 - 6.0	15.0 ± 5.0	10.0 ± 1.0	3.0 ± 1.0	160.0 ± 20.0	*
	550	1550	6.0 - 7.0	< 4.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.8	1.3 ± 0.7	
	550	1550	7.0 - 8.0	< 8.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.8	0.8 ± 0.7	
	550	1550	8.0 - 9.0	< 5.0 ± 0.0	1.7 ± 0.4	1.2 ± 0.6	-a-	
	550	1550	9.0 - 10.0	< 5.0 ± 0.0	0.9 ± 0.5	1.1 ± 0.8	-a-	
	550	1650	0.0 - 1.0	43.0 ± 16.0	32.0 ± 2.0	2.0 ± 1.0	-a-	*
	550	1650	1.0 - 2.0	450.0 ± 40.0	310.0 ± 10	< 4.0 ± 0.0	-a-	*
	550	1650	2.0 - 3.0	< 10.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	14.0 ± 1.0	
	550	1650	3.0 - 4.0	< 4.0 ± 0.0	< 1.0 ± 0.0	2.0 ± 1.0	7.1 ± 0.7	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	550	1650	4.0 - 5.0	< 15.0 ± 0.0	1.5 ± 0.4	2.0 ± 1.0	3.5 ± 0.4	
	550	1650	5.0 - 6.0	< 8.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	-a-	
	550	1650	6.0 - 7.0	< 10.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	-a-	
	550	1650	7.0 - 8.0	< 5.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	-a-	
	550	1650	8.0 - 9.0	< 5.0 ± 0.0	0.8 ± 0.5	1.0 ± 0.7	-a-	
	550	1650	9.0 - 10.0	< 9.0 ± 0.0	1.1 ± 0.4	1.6 ± 0.7	-a-	
	550	1750	0.0 - 1.0	800.0 ± 100.0	700.0 ± 100	< 4.0 ± 0.0	-a-	*
	550	1750	1.0 - 2.0	11.0 ± 7.0	11.0 ± 2.0	2.0 ± 1.0	730.0 ± 10.0	*
	550	1750	2.0 - 3.0	< 10.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	9.0 ± 1.0	
	550	1750	3.0 - 4.0	< 8.0 ± 0.0	1.4 ± 0.6	0.9 ± 0.7	2.1 ± 0.5	
	550	1750	4.0 - 5.0	< 6.0 ± 0.0	1.7 ± 0.5	1.9 ± 0.8	4.9 ± 1.0	
	550	1750	5.0 - 6.0	< 9.0 ± 0.0	2.0 ± 0.6	2.0 ± 1.0	-a-	
	550	1750	6.0 - 7.0	< 7.0 ± 0.0	0.8 ± 0.5	< 1.0 ± 0.0	-a-	
	550	1750	7.0 - 8.0	< 8.0 ± 0.0	1.1 ± 0.6	1.4 ± 0.7	-a-	
	550	1750	8.0 - 9.0	< 6.0 ± 0.0	0.8 ± 0.5	0.9 ± 0.7	-a-	
	550	1850	0.0 - 1.0	12.0 ± 5.0	5.0 ± 1.0	4.0 ± 1.0	-a-	
	550	1850	1.0 - 2.0	< 7.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.8	1.8 ± 0.7	
	550	1850	2.0 - 3.0	< 7.0 ± 0.0	2.1 ± 0.7	2.0 ± 1.0	1.4 ± 0.4	
	550	1850	3.0 - 4.0	< 10.0 ± 0.0	1.5 ± 0.5	1.7 ± 0.9	1.7 ± 0.5	
	550	1850	4.0 - 5.0	< 9.0 ± 0.0	1.8 ± 0.6	1.8 ± 0.9	3.2 ± 0.6	
	550	1850	5.0 - 6.0	< 6.0 ± 0.0	1.6 ± 0.5	1.6 ± 0.8	-a-	
	550	1850	6.0 - 7.0	< 8.0 ± 0.0	1.3 ± 0.5	2.2 ± 0.8	-a-	
	550	1850	7.0 - 8.0	< 8.0 ± 0.0	1.5 ± 0.4	< 1.0 ± 0.0	-a-	
	550	1850	8.0 - 9.0	< 9.0 ± 0.0	2.7 ± 0.7	2.1 ± 0.9	-a-	
	573	1550	0.0 - 1.0	30.0 ± 6.0	27.0 ± 2.0	2.0 ± 1.0	-a-	*
	573	1550	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.8	2.6 ± 0.5	
	573	1550	2.0 - 3.0	< 6.0 ± 0.0	1.7 ± 0.6	1.3 ± 0.7	1.7 ± 0.8	
	573	1550	3.0 - 4.0	< 8.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	3.6 ± 2.2	
	573	1550	4.0 - 5.0	< 6.0 ± 0.0	1.5 ± 0.6	1.7 ± 0.8	2.9 ± 1.4	

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	573	1550	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.6	2.2 ± 0.8	2.9 ± 1.4	
	573	1550	6.0 - 7.0	< 8.0 ± 0.0	1.2 ± 0.4	1.1 ± 0.6	-a-	
	573	1550	7.0 - 8.0	< 6.0 ± 0.0	1.7 ± 0.5	1.2 ± 0.7	-a-	
	573	1550	8.0 - 9.0	< 8.0 ± 0.0	1.4 ± 0.5	2.1 ± 0.9	-a-	
	573	1550	9.0 - 10.0	< 8.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	-a-	
	576	1650	0.0 - 1.0	36.0 ± 9.0	39.0 ± 2.0	3.0 ± 1.0	-a-	*
	576	1650	1.0 - 2.0	29.0 ± 5.0	27.0 ± 2.0	< 1.0 ± 0.0	-a-	*
	576	1650	2.0 - 3.0	210.0 ± 20.0	110.0 ± 10	4.0 ± 2.0	-a-	*
	576	1650	3.0 - 4.0	< 5.0 ± 0.0	1.7 ± 0.6	1.7 ± 0.8	4.7 ± 0.6	
	576	1650	4.0 - 5.0	< 8.0 ± 0.0	2.0 ± 0.5	1.9 ± 0.8	3.4 ± 0.7	
	576	1650	5.0 - 6.0	< 6.0 ± 0.0	1.0 ± 0.6	< 1.0 ± 0.0	-a-	
	576	1650	6.0 - 7.0	< 9.0 ± 0.0	1.4 ± 0.5	1.0 ± 0.7	-a-	
	576	1650	7.0 - 8.0	< 4.0 ± 0.0	1.8 ± 0.6	1.1 ± 0.8	-a-	
	576	1650	8.0 - 9.0	< 10.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.9	-a-	
	576	1650	9.0 - 10.0	< 6.0 ± 0.0	0.6 ± 0.4	1.0 ± 0.7	-a-	
	588	1450	0.0 - 1.0	100.0 ± 20.0	60.0 ± 10	4.0 ± 2.0	-a-	*
	588	1450	1.0 - 2.0	< 4.0 ± 0.0	1.1 ± 0.6	2.5 ± 0.9	20.0 ± 2.0	*
	588	1450	2.0 - 3.0	< 10.0 ± 0.0	1.6 ± 0.5	3.0 ± 1.0	1.9 ± 0.5	
	588	1450	3.0 - 4.0	< 11.0 ± 0.0	1.5 ± 0.6	1.6 ± 0.7	2.2 ± 1.1	
	588	1450	4.0 - 5.0	< 4.0 ± 0.0	1.6 ± 0.5	1.5 ± 0.7	2.0 ± 1.0	
	588	1450	5.0 - 6.0	< 6.0 ± 0.0	1.5 ± 0.5	0.9 ± 0.7	-a-	
	588	1450	6.0 - 7.0	< 8.0 ± 0.0	1.3 ± 0.5	1.9 ± 0.7	-a-	
	588	1450	7.0 - 8.0	< 3.0 ± 0.0	0.8 ± 0.5	0.7 ± 0.6	-a-	
	588	1450	8.0 - 9.0	< 8.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.6	-a-	
	588	1450	9.0 - 10.0	< 5.0 ± 0.0	1.2 ± 0.5	0.9 ± 0.6	-a-	
	600	1700	0.0 - 1.0	56.0 ± 13.0	41.0 ± 3.0	2.0 ± 1.0	-a-	*
	600	1700	1.0 - 2.0	6.0 ± 5.0	5.0 ± 1.0	1.1 ± 0.7	-a-	
	600	1700	2.0 - 3.0	< 6.0 ± 0.0	1.6 ± 0.6	1.2 ± 0.7	2.5 ± 0.5	
	600	1700	3.0 - 4.0	< 5.0 ± 0.0	1.0 ± 0.5	1.0 ± 0.7	4.9 ± 0.7	

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	600	1700	4.0 - 5.0	< 8.0 ± 0.0	1.6 ± 0.6	1.9 ± 0.8	3.8 ± 1.2	
	600	1700	5.0 - 6.0	< 6.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.8	-a-	
	600	1700	6.0 - 7.0	< 10.0 ± 0.0	0.8 ± 0.6	3.0 ± 1.0	-a-	
	600	1700	7.0 - 8.0	< 7.0 ± 0.0	1.7 ± 0.5	1.3 ± 0.7	-a-	
	600	1700	8.0 - 9.0	< 8.0 ± 0.0	1.9 ± 0.6	1.6 ± 0.7	-a-	
	600	1700	9.0 - 10.0	< 8.0 ± 0.0	0.9 ± 0.5	1.6 ± 0.7	-a-	
B53C50	600	1850	0.0 - 1.0	26.0 ± 8.0	17.0 ± 2.0	2.0 ± 1.0	-a-	*
B53C50	600	1850	1.0 - 2.0	130.0 ± 40.0	220.0 ± 20	5.0 ± 3.0	-a-	*
B53C50	600	1850	2.0 - 3.0	< 8.0 ± 0.0	1.9 ± 0.6	1.4 ± 0.8	4.6 ± 0.7	
B53C50	600	1850	3.0 - 4.0	< 8.0 ± 0.0	1.7 ± 0.5	2.1 ± 0.8	3.2 ± 0.6	
B53C50	600	1850	4.0 - 5.0	< 8.0 ± 0.0	0.9 ± 0.5	1.4 ± 0.7	2.3 ± 0.6	
B53C50	600	1850	5.0 - 6.0	< 8.0 ± 0.0	2.8 ± 0.7	1.4 ± 0.8	-a-	
B53C50	600	1850	6.0 - 7.0	< 10.0 ± 0.0	0.9 ± 0.6	0.9 ± 0.8	-a-	
B53C50	600	1850	7.0 - 8.0	< 7.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	-a-	
B53C50	600	1850	8.0 - 9.0	< 7.0 ± 0.0	1.5 ± 0.5	1.6 ± 0.6	-a-	
B53C50	600	1850	9.0 - 10.0	< 8.0 ± 0.0	3.0 ± 0.8	4.0 ± 1.0	-a-	
	600	1925	0.0 - 1.0	28.0 ± 14.0	39.0 ± 3.0	< 1.0 ± 0.0	-a-	*
	600	1925	1.0 - 2.0	100.0 ± 20.0	210.0 ± 20	< 1.0 ± 0.0	-a-	*
	600	1925	2.0 - 3.0	47.0 ± 16.0	120.0 ± 10	2.0 ± 2.0	-a-	*
	600	1925	3.0 - 4.0	< 8.0 ± 0.0	1.6 ± 0.7	1.3 ± 0.9	3.7 ± 0.5	
	600	1925	4.0 - 5.0	< 11.0 ± 0.0	1.5 ± 0.6	3.0 ± 1.0	2.7 ± 0.5	
	600	1925	5.0 - 6.0	< 7.0 ± 0.0	0.8 ± 0.5	1.6 ± 0.7	-a-	
	600	1925	6.0 - 7.0	< 6.0 ± 0.0	1.4 ± 0.5	1.6 ± 0.7	-a-	
	600	1925	7.0 - 8.0	< 8.0 ± 0.0	1.4 ± 0.5	1.6 ± 0.6	-a-	
	600	1925	8.0 - 9.0	< 7.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	-a-	
	605	1400	1.0 - 2.0	31.0 ± 13.0	15.0 ± 3.0	< 2.0 ± 0.0	-a-	S
	605	1400	2.0 - 3.0	20.0 ± 8.0	10.0 ± 1.0	3.0 ± 1.0	790.0 ± 20.0	*
	605	1400	3.0 - 4.0	< 9.0 ± 0.0	3.8 ± 0.8	1.9 ± 0.8	-a-	
	605	1400	4.0 - 5.0	< 10.0 ± 0.0	2.9 ± 0.7	2.0 ± 1.0	3.5 ± 1.3	

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	605	1400	5.0 - 6.0	< 6.0 ± 0.0	1.3 ± 0.6	1.4 ± 0.8	3.5 ± 1.3	
	605	1400	6.0 - 7.0	< 7.0 ± 0.0	2.1 ± 0.6	1.5 ± 0.7	-a-	
	605	1400	7.0 - 8.0	< 5.0 ± 0.0	1.2 ± 0.5	3.0 ± 1.0	-a-	
	605	1400	8.0 - 9.0	< 8.0 ± 0.0	1.1 ± 0.5	2.6 ± 0.8	-a-	
	695	1350	0.0 - 1.0	6.0 ± 6.0	6.0 ± 1.0	< 1.0 ± 0.0	-a-	
	695	1350	1.0 - 2.0	10.0 ± 8.0	14.0 ± 2.0	1.3 ± 1.0	-a-	S
	695	1350	2.0 - 3.0	< 6.0 ± 0.0	0.7 ± 0.6	1.1 ± 0.9	3.5 ± 1.0	
	695	1350	3.0 - 4.0	< 5.0 ± 0.0	1.6 ± 0.5	< 1.0 ± 0.0	-a-	
	695	1350	4.0 - 5.0	< 5.0 ± 0.0	2.0 ± 0.6	2.1 ± 0.8	1.2 ± 0.6	
	695	1350	5.0 - 6.0	< 8.0 ± 0.0	1.8 ± 0.5	2.0 ± 0.7	-a-	
	695	1350	6.0 - 7.0	< 5.0 ± 0.0	1.7 ± 0.5	1.9 ± 0.8	-a-	
	695	1350	7.0 - 8.0	< 5.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.8	-a-	
	695	1350	8.0 - 9.0	< 9.0 ± 0.0	1.2 ± 0.5	2.8 ± 0.9	-a-	
	700	1700	0.0 - 1.0	18.0 ± 7.0	12.0 ± 2.0	< 1.0 ± 0.0	-a-	S
	700	1700	1.0 - 2.0	< 10.0 ± 0.0	2.0 ± 0.6	2.0 ± 1.0	120.0 ± 10.0	*
	700	1700	2.0 - 3.0	< 10.0 ± 0.0	4.0 ± 1.0	4.0 ± 1.0	-a-	
	700	1700	3.0 - 4.0	< 6.0 ± 0.0	1.7 ± 0.6	1.6 ± 0.9	1.6 ± 0.4	
	700	1700	4.0 - 5.0	< 10.0 ± 0.0	1.5 ± 0.6	1.7 ± 0.8	5.3 ± 0.9	
	700	1700	5.0 - 6.0	< 8.0 ± 0.0	1.5 ± 0.6	1.2 ± 0.7	-a-	
	700	1700	6.0 - 7.0	< 8.0 ± 0.0	1.1 ± 0.5	1.2 ± 1.0	-a-	
	700	1700	7.0 - 8.0	< 5.0 ± 0.0	1.3 ± 0.6	1.7 ± 0.7	-a-	
	700	1700	8.0 - 9.0	< 9.0 ± 0.0	1.5 ± 0.5	3.0 ± 1.0	-a-	
	700	1823	0.0 - 1.0	< 9.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	-a-	
	700	1823	1.0 - 2.0	< 6.0 ± 0.0	1.4 ± 0.5	0.9 ± 0.8	2.9 ± 0.6	
	700	1823	2.0 - 3.0	< 8.0 ± 0.0	1.3 ± 0.5	0.8 ± 0.7	-a-	
	700	1823	3.0 - 4.0	< 5.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.7	-a-	
	700	1823	4.0 - 5.0	< 9.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.9	1.6 ± 0.5	
	700	1823	5.0 - 6.0	< 7.0 ± 0.0	1.3 ± 0.4	2.0 ± 0.7	1.3 ± 0.6	
	700	1823	6.0 - 7.0	< 8.0 ± 0.0	1.1 ± 0.4	1.3 ± 0.7	-a-	

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	700	1823	7.0 - 8.0	< 6.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.8	-a-	
	700	1823	8.0 - 9.0	< 7.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.6	-a-	
	700	1823	9.0 - 10.0	< 8.0 ± 0.0	0.5 ± 0.5	3.0 ± 1.0	-a-	
	700	1900	0.0 - 1.0	< 11.0 ± 0.0	6.0 ± 1.0	2.0 ± 0.7	-a-	
	700	1900	1.0 - 2.0	< 9.0 ± 0.0	1.6 ± 0.5	3.0 ± 1.0	1.9 ± 1.0	
	700	1900	2.0 - 3.0	< 7.0 ± 0.0	0.6 ± 0.5	1.1 ± 0.7	1.2 ± 0.8	
	700	1900	3.0 - 4.0	< 7.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.7	1.8 ± 0.5	
	700	1900	4.0 - 5.0	< 9.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	1.2 ± 0.3	
	700	1900	5.0 - 6.0	< 8.0 ± 0.0	1.0 ± 0.4	1.7 ± 0.7	-a-	
	700	1900	6.0 - 7.0	< 5.0 ± 0.0	1.5 ± 0.5	0.9 ± 0.6	-a-	
	700	1900	7.0 - 8.0	< 5.0 ± 0.0	1.0 ± 0.5	0.8 ± 0.6	-a-	
	700	1900	8.0 - 9.0	< 7.0 ± 0.0	1.7 ± 0.5	1.8 ± 0.7	-a-	
	738	1300	0.0 - 1.0	9.0 ± 6.0	5.0 ± 1.0	< 1.0 ± 0.0	-a-	
	738	1300	1.0 - 2.0	7.0 ± 4.0	2.6 ± 0.7	1.0 ± 1.0	-a-	
	738	1300	2.0 - 3.0	< 5.0 ± 0.0	1.7 ± 0.5	1.3 ± 0.8	1.9 ± 0.7	
	738	1300	3.0 - 4.0	< 6.0 ± 0.0	1.6 ± 0.6	1.8 ± 0.9	-a-	
	738	1300	4.0 - 5.0	< 4.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.6	2.3 ± 1.2	
	738	1300	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.5	2.0 ± 0.8	-a-	
	738	1300	6.0 - 7.0	< 7.0 ± 0.0	1.0 ± 0.5	1.0 ± 0.7	-a-	
	738	1300	7.0 - 8.0	< 4.0 ± 0.0	1.5 ± 0.5	1.5 ± 0.7	-a-	
	738	1300	8.0 - 9.0	< 4.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	-a-	
	750	1050	0.0 - 1.0	24.0 ± 6.0	19.0 ± 2.0	2.0 ± 1.0	-a-	*
	750	1050	1.0 - 2.0	< 17.0 ± 0.0	9.0 ± 1.0	< 1.0 ± 0.0	190.0 ± 10.0	*
	750	1050	2.0 - 3.0	< 10.0 ± 0.0	4.0 ± 1.0	1.5 ± 0.9	-a-	
	750	1050	3.0 - 4.0	< 12.0 ± 0.0	1.6 ± 0.6	1.1 ± 0.7	2.4 ± 0.9	
	750	1050	4.0 - 5.0	< 8.0 ± 0.0	1.0 ± 0.5	2.0 ± 1.0	1.5 ± 0.8	
	750	1050	5.0 - 6.0	< 10.0 ± 0.0	2.4 ± 0.6	1.7 ± 0.8	-a-	
	750	1050	6.0 - 7.0	< 6.0 ± 0.0	0.8 ± 0.4	0.9 ± 0.6	-a-	
	750	1050	7.0 - 8.0	< 7.0 ± 0.0	1.1 ± 0.5	1.4 ± 0.7	-a-	

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	750	1050	8.0 - 9.0	< 15.0 ± 0.0	1.5 ± 0.7	3.0 ± 2.0	-a-	
B53C48	750	1100	0.0 - 1.0	25.0 ± 11.0	18.0 ± 2.0	1.5 ± 1.1	-a-	*
B53C48	750	1100	3.0 - 4.0	< 9.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.9	5.6 ± 1.2	
B53C48	750	1100	4.0 - 5.0	< 7.0 ± 0.0	1.2 ± 0.5	0.8 ± 0.7	2.9 ± 1.3	
B53C48	750	1100	5.0 - 6.0	< 10.0 ± 0.0	1.8 ± 0.5	1.8 ± 0.9	-a-	
B53C48	750	1100	6.0 - 7.0	< 6.0 ± 0.0	0.9 ± 0.5	1.4 ± 0.7	-a-	
B53C48	750	1100	7.0 - 8.0	< 8.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0	-a-	
B53C48	750	1100	8.0 - 9.0	< 7.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	-a-	
	797	1653	0.0 - 1.0	19.0 ± 9.0	11.0 ± 2.0	2.0 ± 1.0	-a-	S
	797	1653	1.0 - 2.0	34.0 ± 12.0	44.0 ± 3.0	2.0 ± 2.0	-a-	*
	797	1653	2.0 - 3.0	< 10.0 ± 0.0	3.1 ± 0.8	2.1 ± 0.9	-a-	
	797	1653	3.0 - 4.0	< 5.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.9	1.6 ± 0.3	
	797	1653	4.0 - 5.0	< 10.0 ± 0.0	2.3 ± 0.6	3.0 ± 1.0	1.8 ± 0.4	
	797	1653	5.0 - 6.0	< 4.0 ± 0.0	1.1 ± 0.5	1.6 ± 0.7	-a-	
	797	1653	6.0 - 7.0	< 7.0 ± 0.0	1.3 ± 0.4	3.0 ± 1.0	-a-	
	797	1653	7.0 - 8.0	< 4.0 ± 0.0	0.7 ± 0.4	< 1.0 ± 0.0	-a-	
	797	1653	8.0 - 9.0	< 5.0 ± 0.0	1.2 ± 0.6	1.5 ± 0.9	-a-	
	800	1250	0.0 - 1.0	9.0 ± 6.0	5.0 ± 1.0	2.0 ± 1.0	-a-	
	800	1250	1.0 - 2.0	< 8.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	-a-	
	800	1250	2.0 - 3.0	< 8.0 ± 0.0	1.5 ± 0.6	1.2 ± 0.8	1.6 ± 0.3	
	800	1250	3.0 - 4.0	< 5.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	-a-	
	800	1250	4.0 - 5.0	< 9.0 ± 0.0	2.1 ± 0.6	2.7 ± 0.9	1.3 ± 0.2	
	800	1250	5.0 - 6.0	< 7.0 ± 0.0	0.6 ± 0.5	1.0 ± 0.8	-a-	
	800	1250	6.0 - 7.0	< 9.0 ± 0.0	1.1 ± 0.5	1.9 ± 0.8	-a-	
	800	1250	7.0 - 8.0	< 9.0 ± 0.0	1.5 ± 0.5	2.3 ± 0.9	-a-	
	800	1250	8.0 - 9.0	< 4.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.7	-a-	
	800	1250	9.0 - 10.0	< 4.0 ± 0.0	1.1 ± 0.6	1.0 ± 0.7	-a-	
	800	1350	0.0 - 1.0	10.0 ± 5.0	5.0 ± 1.0	3.0 ± 1.0	-a-	
	800	1350	1.0 - 2.0	< 7.0 ± 0.0	4.0 ± 1.0	1.6 ± 0.9	-a-	

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	800	1350	2.0 - 3.0	< 13.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	-a-	
	800	1350	3.0 - 4.0	< 9.0 ± 0.0	1.7 ± 0.6	1.2 ± 0.8	1.3 ± 0.4	
	800	1350	4.0 - 5.0	< 6.0 ± 0.0	1.2 ± 0.6	1.5 ± 0.8	1.1 ± 0.2	
	800	1350	5.0 - 6.0	< 10.0 ± 0.0	1.5 ± 0.6	1.9 ± 0.8	-a-	
	800	1350	6.0 - 7.0	< 6.0 ± 0.0	1.1 ± 0.6	1.5 ± 0.7	-a-	
	800	1350	7.0 - 8.0	< 4.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.7	-a-	
	800	1350	8.0 - 9.0	< 14.0 ± 0.0	2.3 ± 0.8	4.0 ± 1.0	-a-	
	800	1750	0.0 - 1.0	< 5.0 ± 0.0	2.9 ± 0.7	1.2 ± 0.7	-a-	
	800	1750	1.0 - 2.0	< 10.0 ± 0.0	3.3 ± 0.9	2.2 ± 0.9	-a-	
	800	1750	2.0 - 3.0	< 5.0 ± 0.0	1.2 ± 0.5	0.9 ± 0.7	-a-	
	800	1750	3.0 - 4.0	< 10.0 ± 0.0	2.4 ± 0.8	3.0 ± 1.0	62.0 ± 2.0	*
	800	1750	4.0 - 5.0	< 4.0 ± 0.0	0.9 ± 0.4	0.9 ± 0.7	2.3 ± 0.3	
	800	1750	5.0 - 6.0	< 9.0 ± 0.0	1.2 ± 0.5	2.3 ± 0.9	-a-	
	800	1750	6.0 - 7.0	< 4.0 ± 0.0	1.2 ± 0.5	0.9 ± 0.9	-a-	
	800	1750	7.0 - 8.0	< 4.0 ± 0.0	1.0 ± 0.4	1.0 ± 0.7	-a-	
	800	1750	8.0 - 9.0	< 8.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.8	-a-	
	804	1839	0.0 - 1.0	< 19.0 ± 0.0	7.0 ± 1.0	1.7 ± 0.8	-a-	
	804	1839	1.0 - 2.0	22.0 ± 11.0	23.0 ± 2.0	2.0 ± 1.0	-a-	*
	804	1839	2.0 - 3.0	15.0 ± 7.0	7.0 ± 1.0	1.4 ± 0.9	200.0 ± 10.0	*
	804	1839	3.0 - 4.0	< 9.0 ± 0.0	1.5 ± 0.5	1.8 ± 0.8	-a-	
	804	1839	4.0 - 5.0	< 8.0 ± 0.0	1.9 ± 0.6	1.1 ± 0.8	3.7 ± 0.7	
	804	1839	5.0 - 6.0	< 6.0 ± 0.0	1.5 ± 0.5	1.4 ± 0.7	-a-	
	804	1839	6.0 - 7.0	< 9.0 ± 0.0	1.8 ± 0.6	2.0 ± 0.8	-a-	
	804	1839	7.0 - 8.0	< 18.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.7	-a-	
	804	1839	8.0 - 9.0	< 8.0 ± 0.0	1.5 ± 0.4	1.4 ± 0.7	-a-	
	804	1839	9.0 - 10.0	< 13.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	-a-	
	805	1450	0.0 - 1.0	8.0 ± 6.0	6.0 ± 1.0	1.4 ± 1.0	-a-	
	805	1450	1.0 - 2.0	10.0 ± 8.0	4.0 ± 1.0	2.0 ± 1.0	-a-	
	805	1450	2.0 - 3.0	< 10.0 ± 0.0	1.7 ± 0.5	2.2 ± 0.8	-a-	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	805	1450	3.0 - 4.0	< 5.0 ± 0.0	1.3 ± 0.7	1.1 ± 0.7	1.5 ± 0.2
	805	1450	4.0 - 5.0	< 11.0 ± 0.0	1.4 ± 0.6	2.2 ± 0.9	1.3 ± 0.5
	805	1450	5.0 - 6.0	< 7.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.8	-a-
	805	1450	6.0 - 7.0	< 4.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.7	-a-
	805	1450	7.0 - 8.0	< 6.0 ± 0.0	1.5 ± 0.4	0.9 ± 0.6	-a-
	805	1450	8.0 - 9.0	< 15.0 ± 0.0	3.0 ± 2.0	5.0 ± 2.0	-a-
	806	1150	0.0 - 1.0	9.0 ± 7.0	9.0 ± 2.0	2.0 ± 1.0	-a-
	806	1150	1.0 - 2.0	< 13.0 ± 0.0	2.0 ± 0.7	1.8 ± 0.9	-a-
	806	1150	2.0 - 3.0	< 7.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	3.1 ± 0.6
	806	1150	3.0 - 4.0	< 4.0 ± 0.0	1.7 ± 0.6	1.7 ± 0.7	-a-
	806	1150	4.0 - 5.0	< 9.0 ± 0.0	1.7 ± 0.5	1.5 ± 0.7	1.1 ± 0.2
	806	1150	5.0 - 6.0	< 6.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.7	-a-
	806	1150	6.0 - 7.0	< 9.0 ± 0.0	1.7 ± 0.6	1.7 ± 0.7	-a-
	806	1150	7.0 - 8.0	< 4.0 ± 0.0	1.2 ± 0.4	1.6 ± 0.6	-a-
	806	1150	8.0 - 9.0	< 9.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.8	-a-
	806	1150	9.0 - 10.0	< 7.0 ± 0.0	1.3 ± 0.6	1.5 ± 0.7	-a-
	807	1550	0.0 - 1.0	< 7.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	-a-
	807	1550	1.0 - 2.0	4.0 ± 3.0	3.6 ± 0.8	< 1.0 ± 0.0	-a-
	807	1550	2.0 - 3.0	12.0 ± 4.0	3.0 ± 1.0	< 1.0 ± 0.0	-a-
	807	1550	3.0 - 4.0	< 7.0 ± 0.0	0.9 ± 0.6	< 1.0 ± 0.0	1.2 ± 0.2
	807	1550	4.0 - 5.0	< 8.0 ± 0.0	0.9 ± 0.4	2.2 ± 0.8	1.3 ± 0.2
	807	1550	5.0 - 6.0	< 6.0 ± 0.0	1.8 ± 0.5	1.0 ± 0.7	-a-
	807	1550	6.0 - 7.0	< 8.0 ± 0.0	1.5 ± 0.5	2.7 ± 0.9	-a-
	807	1550	7.0 - 8.0	< 4.0 ± 0.0	1.1 ± 0.4	1.0 ± 0.6	-a-
	807	1550	8.0 - 9.0	< 5.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	-a-
	852	1063	0.0 - 1.0	< 11.0 ± 0.0	2.8 ± 0.8	2.0 ± 1.0	-a-
	852	1063	1.0 - 2.0	< 4.0 ± 0.0	1.2 ± 0.6	1.1 ± 0.8	-a-
	852	1063	2.0 - 3.0	< 9.0 ± 0.0	1.8 ± 0.5	1.9 ± 0.7	1.1 ± 0.4
	852	1063	3.0 - 4.0	< 7.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.8	-a-

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	852	1063	4.0 - 5.0	< 9.0 ± 0.0	1.4 ± 0.5	2.1 ± 0.7	1.6 ± 1.2	
	852	1063	5.0 - 6.0	< 6.0 ± 0.0	1.4 ± 0.7	1.4 ± 1.0	-a-	
	852	1063	6.0 - 7.0	< 8.0 ± 0.0	1.1 ± 0.6	1.5 ± 1.0	-a-	
	852	1063	7.0 - 8.0	< 8.0 ± 0.0	1.1 ± 0.4	1.2 ± 0.6	-a-	
	852	1063	8.0 - 9.0	< 4.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	-a-	
	852	1063	9.0 - 10.0	< 7.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	-a-	
	859	1500	0.0 - 1.0	5.0 ± 4.0	4.4 ± 0.9	1.2 ± 0.9	-a-	
	859	1500	1.0 - 2.0	< 6.0 ± 0.0	0.9 ± 0.6	2.0 ± 0.9	-a-	
	859	1500	2.0 - 3.0	< 4.0 ± 0.0	1.5 ± 0.5	2.1 ± 0.8	-a-	
	859	1500	3.0 - 4.0	< 11.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.6 ± 0.3	
	859	1500	4.0 - 5.0	< 5.0 ± 0.0	1.7 ± 0.6	0.9 ± 0.8	15.0 ± 1.0	
	859	1500	5.0 - 6.0	< 9.0 ± 0.0	1.5 ± 0.5	1.2 ± 0.7	-a-	
	859	1500	6.0 - 7.0	< 5.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	-a-	
	859	1500	7.0 - 8.0	< 4.0 ± 0.0	1.0 ± 0.6	< 1.0 ± 0.0	-a-	
	859	1500	8.0 - 9.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	-a-	
	860	1400	0.0 - 1.0	60.0 ± 20.0	46.0 ± 3.0	4.0 ± 1.0	-a-	*
	860	1400	1.0 - 2.0	< 5.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.8	-a-	
	860	1400	2.0 - 3.0	< 6.0 ± 0.0	0.9 ± 0.6	1.4 ± 0.8	1.3 ± 0.8	
	860	1400	3.0 - 4.0	< 6.0 ± 0.0	1.5 ± 0.6	1.9 ± 0.9	-a-	
	860	1400	4.0 - 5.0	< 6.0 ± 0.0	1.7 ± 0.6	1.4 ± 0.9	2.3 ± 0.9	
	860	1400	5.0 - 6.0	< 5.0 ± 0.0	0.9 ± 0.6	1.2 ± 0.8	-a-	
	860	1400	6.0 - 7.0	< 5.0 ± 0.0	1.1 ± 0.5	1.2 ± 0.7	-a-	
	860	1400	7.0 - 8.0	< 5.0 ± 0.0	1.3 ± 0.5	1.0 ± 0.8	-a-	
	860	1400	8.0 - 9.0	< 5.0 ± 0.0	1.0 ± 0.5	1.2 ± 0.7	-a-	
	860	1400	9.0 - 10.0	< 5.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	-a-	
	861	1600	0.0 - 1.0	21.0 ± 6.0	9.0 ± 1.0	3.0 ± 1.0	-a-	S
	861	1600	1.0 - 2.0	430.0 ± 50.0	250.0 ± 10	4.0 ± 3.0	-a-	*
	861	1600	2.0 - 3.0	< 5.0 ± 0.0	1.6 ± 0.6	1.6 ± 0.8	-a-	
	861	1600	3.0 - 4.0	< 9.0 ± 0.0	1.6 ± 0.5	3.0 ± 1.0	1.8 ± 0.3	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	861	1600	4.0 - 5.0	< 4.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.8	1.5 ± 0.3
	861	1600	5.0 - 6.0	< 8.0 ± 0.0	1.7 ± 0.5	0.8 ± 0.7	-a-
	861	1600	6.0 - 7.0	< 4.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.6	-a-
	861	1600	7.0 - 8.0	< 4.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.6	-a-
	862	1700	0.0 - 1.0	7.0 ± 6.0	8.0 ± 1.0	1.0 ± 0.9	-a-
	862	1700	1.0 - 2.0	< 11.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	-a-
	862	1700	2.0 - 3.0	< 4.0 ± 0.0	1.1 ± 0.5	0.8 ± 0.7	-a-
	862	1700	3.0 - 4.0	< 8.0 ± 0.0	1.5 ± 0.5	1.3 ± 0.7	3.5 ± 1.7
	862	1700	4.0 - 5.0	< 5.0 ± 0.0	1.5 ± 0.6	1.4 ± 0.7	1.0 ± 0.3
	862	1700	5.0 - 6.0	< 9.0 ± 0.0	1.5 ± 0.5	1.7 ± 0.7	-a-
	862	1700	6.0 - 7.0	< 4.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.8	-a-
	862	1700	7.0 - 8.0	< 8.0 ± 0.0	1.0 ± 0.4	0.8 ± 0.7	-a-
	862	1700	8.0 - 9.0	< 4.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.6	-a-
	862	1800	0.0 - 1.0	< 6.0 ± 0.0	4.0 ± 1.0	1.1 ± 0.7	-a-
	862	1800	1.0 - 2.0	10.0 ± 6.0	9.0 ± 1.0	< 1.0 ± 0.0	-a-
	862	1800	2.0 - 3.0	12.0 ± 7.0	1.7 ± 0.7	1.3 ± 0.9	-a-
	862	1800	3.0 - 4.0	< 5.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.2 ± 0.5
	862	1800	4.0 - 5.0	< 11.0 ± 0.0	1.4 ± 0.8	3.0 ± 1.0	2.2 ± 0.5
	862	1800	5.0 - 6.0	< 5.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.7	-a-
	862	1800	6.0 - 7.0	< 8.0 ± 0.0	1.6 ± 0.5	1.9 ± 0.7	-a-
	862	1800	7.0 - 8.0	< 4.0 ± 0.0	1.9 ± 0.5	1.3 ± 0.7	-a-
	862	1800	8.0 - 9.0	< 8.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	-a-
	862	1800	9.0 - 10.0	< 5.0 ± 0.0	1.5 ± 0.5	0.9 ± 0.6	-a-
	870	1106	0.0 - 1.0	< 11.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	-a-
	870	1106	1.0 - 2.0	< 6.0 ± 0.0	1.2 ± 0.6	1.2 ± 0.9	-a-
	870	1106	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.8	2.5 ± 0.4
	870	1106	3.0 - 4.0	< 8.0 ± 0.0	1.2 ± 0.6	1.4 ± 0.9	-a-
	870	1106	4.0 - 5.0	< 5.0 ± 0.0	0.8 ± 0.5	1.5 ± 0.8	1.7 ± 0.2
	870	1106	7.0 - 8.0	< 24.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	-a-

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Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	870	1106	8.0 - 9.0	< 6.0 ± 0.0	1.2 ± 0.5	0.8 ± 0.8	-a-
	870	1106	9.0 - 10.0	< 4.0 ± 0.0	0.9 ± 0.5	1.6 ± 0.8	-a-
	870	1200	0.0 - 1.0	< 7.0 ± 0.0	4.0 ± 1.0	1.3 ± 1.0	-a-
	870	1200	1.0 - 2.0	13.0 ± 5.0	6.0 ± 1.0	2.0 ± 1.0	-a-
	870	1200	2.0 - 3.0	< 6.0 ± 0.0	1.1 ± 0.6	1.1 ± 0.9	2.5 ± 0.4
	870	1200	3.0 - 4.0	< 5.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.7	-a-
	870	1200	4.0 - 5.0	< 12.0 ± 0.0	1.7 ± 0.6	1.9 ± 0.8	1.5 ± 0.5
	870	1200	5.0 - 6.0	< 7.0 ± 0.0	1.7 ± 0.6	1.2 ± 0.9	-a-
	870	1200	6.0 - 7.0	< 12.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	-a-
	870	1200	7.0 - 8.0	< 4.0 ± 0.0	1.3 ± 0.5	1.1 ± 0.8	-a-
	870	1200	8.0 - 9.0	< 6.0 ± 0.0	1.0 ± 0.5	2.2 ± 0.8	-a-
	870	1200	9.0 - 10.0	< 12.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	-a-
	872	1300	0.0 - 1.0	< 8.0 ± 0.0	1.1 ± 0.6	1.8 ± 1.0	-a-
	872	1300	1.0 - 2.0	< 8.0 ± 0.0	0.7 ± 0.5	< 1.0 ± 0.0	-a-
	872	1300	2.0 - 3.0	< 8.0 ± 0.0	1.6 ± 0.5	2.0 ± 0.7	4.1 ± 0.5
	872	1300	3.0 - 4.0	< 7.0 ± 0.0	0.9 ± 0.4	1.1 ± 0.8	-a-
	872	1300	4.0 - 5.0	< 9.0 ± 0.0	1.5 ± 0.5	2.8 ± 0.9	1.5 ± 0.4
	872	1300	7.0 - 8.0	< 6.0 ± 0.0	1.3 ± 0.7	< 1.0 ± 0.0	-a-
	872	1300	8.0 - 9.0	< 10.0 ± 0.0	1.2 ± 0.5	2.5 ± 0.9	-a-
	872	1300	9.0 - 10.0	8.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	-a-

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

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Table 3-24 Historic Sampling Data
Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-15	318	1694	1.0 - 2.0	< 8.0 ± 0.0	1.1 ± 0.7	1.6 ± 0.9	27.0 ± 3.0	*
HISS-15	318	1694	2.0 - 3.0	< 9.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	-a-	
HISS-15	318	1694	3.0 - 4.0	< 11.0 ± 0.0	1.4 ± 0.5	2.0 ± 1.0	-a-	
HISS-15	318	1694	4.0 - 5.0	< 7.0 ± 0.0	1.6 ± 0.6	1.2 ± 0.9	1.8 ± 0.4	
HISS-15	318	1694	5.0 - 6.0	< 10.0 ± 0.0	1.1 ± 0.6	3.0 ± 1.0	1.4 ± 0.3	
HISS-15	318	1694	6.0 - 7.0	< 5.0 ± 0.0	1.1 ± 0.4	1.5 ± 0.7	-a-	
HISS-15	318	1694	7.0 - 8.0	< 9.0 ± 0.0	1.9 ± 0.6	2.0 ± 0.9	-a-	
HISS-15	318	1694	8.0 - 9.0	< 5.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	-a-	
HISS-22	324	1597	1.0 - 2.0	9.0 ± 6.0	7.0 ± 1.0	1.3 ± 1.0	290.0 ± 10.0	*
HISS-22	324	1597	2.0 - 3.0	< 10.0 ± 0.0	1.8 ± 0.6	2.4 ± 0.9	-a-	
HISS-22	324	1597	3.0 - 4.0	< 5.0 ± 0.0	1.1 ± 0.6	2.0 ± 0.8	-a-	
HISS-22	324	1597	4.0 - 5.0	< 6.0 ± 0.0	1.5 ± 0.7	2.0 ± 1.0	1.7 ± 0.5	
HISS-22	324	1597	5.0 - 6.0	< 11.0 ± 0.0	0.7 ± 0.6	2.0 ± 1.0	-a-	
HISS-22	324	1597	6.0 - 7.0	< 6.0 ± 0.0	0.9 ± 0.6	1.5 ± 0.8	1.4 ± 0.6	
HISS-22	324	1597	7.0 - 8.0	< 10.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	-a-	
HISS-22	324	1597	8.0 - 9.0	< 5.0 ± 0.0	1.2 ± 0.5	2.1 ± 0.8	-a-	
HISS-22	324	1597	9.0 - 10.0	< 12.0 ± 0.0	1.5 ± 0.6	2.0 ± 0.9	-a-	
HISS-8	333	1827	0.0 - 1.0	< 6.0 ± 0.0	3.2 ± 0.8	1.1 ± 0.7	200.0 ± 10.0	*
HISS-8	333	1827	1.0 - 2.0	< 10.0 ± 0.0	1.5 ± 0.6	1.6 ± 0.8	48.0 ± 3.0	*
HISS-8	333	1827	2.0 - 3.0	< 6.0 ± 0.0	1.0 ± 0.6	1.5 ± 0.9	2.5 ± 0.6	
HISS-8	333	1827	3.0 - 4.0	< 5.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.8	1.9 ± 0.3	
HISS-8	333	1827	4.0 - 5.0	< 10.0 ± 0.0	1.4 ± 0.5	2.1 ± 0.9	1.7 ± 1.0	
HISS-8	333	1827	5.0 - 6.0	< 4.0 ± 0.0	0.6 ± 0.4	1.6 ± 0.7	1.3 ± 0.2	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-8	333	1827	6.0 - 7.0	< 8.0 ± 0.0	0.8 ± 0.5	2.1 ± 0.9	1.1 ± 0.1
HISS-8	333	1827	7.0 - 8.0	< 4.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.6	1.2 ± 0.5
HISS-16	348	1688	1.0 - 2.0	< 11.0 ± 0.0	2.6 ± 0.7	1.7 ± 0.9	33.0 ± 3.0 *
HISS-16	348	1688	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.5	0.7 ± 0.7	-a-
HISS-16	348	1688	3.0 - 4.0	< 9.0 ± 0.0	1.9 ± 0.5	1.1 ± 0.6	9.0 ± 2.0
HISS-16	348	1688	4.0 - 5.0	< 10.0 ± 0.0	4.0 ± 1.0	2.2 ± 0.9	330.0 ± 10.0 *
HISS-16	348	1688	5.0 - 6.0	< 7.0 ± 0.0	0.8 ± 0.5	1.5 ± 0.7	-a-
HISS-16	348	1688	6.0 - 7.0	< 8.0 ± 0.0	1.5 ± 0.5	3.0 ± 0.1	-a-
HISS-16	348	1688	7.0 - 8.0	< 6.0 ± 0.0	1.0 ± 0.5	1.6 ± 0.7	-a-
HISS-16	348	1688	8.0 - 9.0	< 11.0 ± 0.0	1.8 ± 0.6	1.7 ± 0.8	-a-
HISS-26	350	1550	1.0 - 2.0	8.0 ± 6.0	3.5 ± 0.8	1.3 ± 0.8	-a-
HISS-26	350	1550	2.0 - 3.0	10.0 ± 7.0	4.7 ± 0.8	2.0 ± 0.8	270.0 ± 10.0 *
HISS-26	350	1550	3.0 - 4.0	18.0 ± 10.0	4.5 ± 0.9	2.4 ± 0.9	160.0 ± 10.0 *
HISS-26	350	1550	4.0 - 5.0	14.0 ± 6.0	4.6 ± 0.9	1.7 ± 0.9	180.0 ± 10.0 *
HISS-26	350	1550	5.0 - 6.0	9.0 ± 4.0	2.7 ± 0.8	1.0 ± 0.8	-a-
HISS-26	350	1550	10.0 - 11.0	< 10.0 ± 0.0	3.2 ± 0.8	1.5 ± 0.7	-a-
HISS-26	350	1550	11.0 - 12.0	< 6.0 ± 0.0	1.6 ± 0.6	1.4 ± 0.8	-a-
HISS-6	350	1854	0.0 - 1.0	< 6.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	-a-
HISS-6	350	1854	1.0 - 2.0	< 8.0 ± 0.0	2.4 ± 0.6	2.7 ± 0.9	40.0 ± 4.0 *
HISS-6	350	1854	2.0 - 3.0	< 5.0 ± 0.0	1.3 ± 0.5	1.7 ± 0.7	-a-
HISS-6	350	1854	3.0 - 4.0	< 8.0 ± 0.0	1.8 ± 0.7	2.3 ± 0.8	-a-
HISS-6	350	1854	4.0 - 5.0	< 6.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.7	15.0 ± 2.0
HISS-6	350	1854	5.0 - 6.0	< 4.0 ± 0.0	1.6 ± 0.5	2.1 ± 0.8	5.1 ± 1.8
HISS-6	350	1854	6.0 - 7.0	< 8.0 ± 0.0	1.5 ± 0.5	2.4 ± 0.9	-a-
HISS-6	350	1854	7.0 - 8.0	< 4.0 ± 0.0	1.6 ± 0.5	1.8 ± 0.8	-a-
HISS-12	355	1750	1.0 - 2.0	< 8.0 ± 0.0	1.4 ± 0.6	1.2 ± 0.9	-a-
HISS-12	355	1750	2.0 - 3.0	< 10.0 ± 0.0	1.9 ± 0.6	2.0 ± 0.9	-a-
HISS-12	355	1750	3.0 - 4.0	< 8.0 ± 0.0	1.6 ± 0.5	1.5 ± 0.7	-a-
HISS-12	355	1750	4.0 - 5.0	< 9.0 ± 0.0	1.7 ± 0.7	1.4 ± 1.0	-a-

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-12	355	1750	5.0 - 6.0	< 6.0 ± 0.0	1.3 ± 0.5	1.4 ± 0.7	1.9 ± 0.8
HISS-12	355	1750	6.0 - 7.0	< 8.0 ± 0.0	0.7 ± 0.4	2.2 ± 0.8	2.3 ± 0.7
HISS-12	355	1750	7.0 - 8.0	< 6.0 ± 0.0	0.9 ± 0.5	2.2 ± 0.7	-a-
HISS-12	355	1750	8.0 - 9.0	< 8.0 ± 0.0	1.2 ± 0.4	1.6 ± 0.7	-a-
HISS-12	355	1750	9.0 - 10.0	< 22.0 ± 0.0	2.0 ± 2.0	5.0 ± 3.0	-a-
HISS-23	367	1600	1.0 - 2.0	< 13.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	-a-
HISS-23	367	1600	2.0 - 3.0	< 10.0 ± 0.0	2.7 ± 0.8	3.0 ± 1.0	-a-
HISS-23	367	1600	3.0 - 4.0	< 7.0 ± 0.0	3.6 ± 0.8	1.0 ± 0.7	-a-
HISS-23	367	1600	4.0 - 5.0	< 7.0 ± 0.0	1.6 ± 0.6	1.1 ± 0.9	15.0 ± 2.0
HISS-23	367	1600	5.0 - 6.0	< 13.0 ± 0.0	1.8 ± 0.7	5.0 ± 1.0	5.0 ± 1.2
HISS-23	367	1600	6.0 - 7.0	< 5.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.8	2.4 ± 0.5
HISS-23	367	1600	7.0 - 8.0	< 6.0 ± 0.0	1.6 ± 0.5	2.0 ± 0.7	-a-
HISS-23	367	1600	8.0 - 9.0	< 8.0 ± 0.0	1.8 ± 0.5	2.4 ± 0.8	-a-
HISS-33	372	1450	0.0 - 1.0	< 14.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	-a-
HISS-33	372	1450	1.0 - 2.0	< 10.0 ± 0.0	2.5 ± 0.7	2.0 ± 1.0	-a-
HISS-33	372	1450	2.0 - 3.0	< 6.0 ± 0.0	1.6 ± 0.6	1.6 ± 0.8	-a-
HISS-33	372	1450	3.0 - 4.0	< 8.0 ± 0.0	1.8 ± 0.6	1.3 ± 0.8	290.0 ± 10.0 *
HISS-33	372	1450	4.0 - 5.0	< 6.0 ± 0.0	1.6 ± 0.6	1.3 ± 0.7	3.0 ± 0.5
HISS-33	372	1450	5.0 - 6.0	< 11.0 ± 0.0	1.4 ± 0.5	2.0 ± 1.0	4.2 ± 0.8
HISS-33	372	1450	6.0 - 7.0	< 6.0 ± 0.0	0.9 ± 0.5	1.9 ± 0.9	-a-
HISS-33	372	1450	7.0 - 8.0	< 29.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	-a-
HISS-19	375	1646	0.0 - 1.0	< 14.0 ± 0.0	4.0 ± 1.0	5.0 ± 2.0	-a-
HISS-19	375	1646	1.0 - 2.0	< 14.0 ± 0.0	6.0 ± 1.0	3.0 ± 1.0	-a-
HISS-19	375	1646	2.0 - 3.0	7.0 ± 4.0	4.0 ± 1.0	2.0 ± 1.0	-a-
HISS-19	375	1646	3.0 - 4.0	< 6.0 ± 0.0	1.8 ± 0.6	0.9 ± 0.8	30.0 ± 4.0 *
HISS-19	375	1646	4.0 - 5.0	19.0 ± 7.0	11.0 ± 1.0	6.0 ± 1.0	190.0 ± 10.0 *
HISS-19	375	1646	5.0 - 6.0	< 7.0 ± 0.0	2.1 ± 0.6	2.5 ± 0.9	2.5 ± 0.5
HISS-19	375	1646	6.0 - 7.0	< 11.0 ± 0.0	1.6 ± 0.5	1.9 ± 0.9	-a-
HISS-19	375	1646	7.0 - 8.0	< 5.0 ± 0.0	0.9 ± 0.4	1.3 ± 0.7	-a-

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-19	375	1646	8.0 - 9.0	< 22.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	-a-	
HISS-30	380	1500	0.0 - 1.0	15.0 ± 11.0	9.0 ± 3.0	3.0 ± 2.0	-a-	
HISS-30	380	1500	1.0 - 2.0	14.0 ± 4.0	4.0 ± 1.0	1.8 ± 0.8	-a-	
HISS-30	380	1500	2.0 - 3.0	28.0 ± 19.0	35.0 ± 3.0	3.0 ± 2.0	-a-	*
HISS-30	380	1500	3.0 - 4.0	8.0 ± 3.0	1.7 ± 0.6	3.0 ± 1.0	15.0 ± 2.0	S
HISS-30	380	1500	4.0 - 5.0	< 8.0 ± 0.0	2.1 ± 0.6	1.0 ± 1.0	62.0 ± 3.0	*
HISS-30	380	1500	5.0 - 6.0	< 13.0 ± 0.0	2.3 ± 0.8	4.0 ± 1.0	100.0 ± 10.0	*
HISS-30	380	1500	6.0 - 7.0	< 8.0 ± 0.0	1.8 ± 0.6	1.5 ± 0.8	-a-	
HISS-30	380	1500	7.0 - 8.0	< 7.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.8	-a-	
HISS-30	380	1500	8.0 - 9.0	< 11.0 ± 0.0	2.0 ± 0.9	2.6 ± 0.9	-a-	
HISS-30	380	1500	10.0 - 11.0	< 5.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	-a-	
HISS-30	380	1500	11.0 - 12.0	< 8.0 ± 0.0	2.1 ± 0.6	2.1 ± 0.9	-a-	
HISS-30	380	1500	12.0 - 13.0	< 5.0 ± 0.0	1.2 ± 0.6	2.0 ± 0.8	-a-	
HISS-30	380	1500	13.0 - 14.0	< 6.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.7	-a-	
HISS-30	380	1500	14.0 - 15.0	< 11.0 ± 0.0	2.2 ± 0.7	3.0 ± 1.0	-a-	
HISS-3	387	1914	0.0 - 1.0	< 10.0 ± 0.0	5.0 ± 1.0	1.7 ± 0.9	-a-	
HISS-3	387	1914	1.0 - 2.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	37.0 ± 3.0	*
HISS-3	387	1914	2.0 - 3.0	< 5.0 ± 0.0	1.7 ± 0.6	1.3 ± 0.7	-a-	
HISS-3	387	1914	3.0 - 4.0	< 10.0 ± 0.0	1.9 ± 0.6	4.0 ± 1.0	-a-	
HISS-3	387	1914	4.0 - 5.0	< 6.0 ± 0.0	1.0 ± 0.5	0.8 ± 0.8	-a-	
HISS-3	387	1914	5.0 - 6.0	< 11.0 ± 0.0	1.4 ± 0.5	3.0 ± 1.0	1.4 ± 0.6	
HISS-3	387	1914	6.0 - 7.0	< 5.0 ± 0.0	0.8 ± 0.5	1.9 ± 0.7	-a-	
HISS-3	387	1914	7.0 - 8.0	< 9.0 ± 0.0	1.5 ± 0.5	3.0 ± 1.0	-a-	
HISS-1	396	1947	0.0 - 1.0	< 6.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.8 ± 0.8	
HISS-1	396	1947	1.0 - 2.0	< 5.0 ± 0.0	1.3 ± 0.6	1.9 ± 0.9	-a-	
HISS-1	396	1947	2.0 - 3.0	< 5.0 ± 0.0	0.9 ± 0.6	1.6 ± 0.8	-a-	
HISS-1	396	1947	3.0 - 4.0	< 9.0 ± 0.0	1.4 ± 0.5	2.1 ± 0.9	0.9 ± 0.3	
HISS-1	396	1947	4.0 - 5.0	< 4.0 ± 0.0	1.0 ± 0.5	1.4 ± 0.8	-a-	
HISS-1	396	1947	5.0 - 6.0	< 18.0 ± 0.0	2.4 ± 0.9	3.0 ± 1.0	-a-	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-1	396	1947	6.0 - 7.0	< 5.0 ± 0.0	1.3 ± 0.5	1.6 ± 0.8	-a-	
HISS-1	396	1947	7.0 - 8.0	< 4.0 ± 0.0	1.1 ± 0.4	1.2 ± 0.6	1.3 ± 0.7	
HISS-1	396	1947	8.0 - 9.0	< 7.0 ± 0.0	1.1 ± 0.5	4.0 ± 1.0	-a-	
HISS-11	400	1777	0.0 - 1.0	< 4.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	-a-	
HISS-11	400	1777	1.0 - 2.0	< 7.0 ± 0.0	1.8 ± 0.7	2.0 ± 0.8	1.4 ± 0.6	
HISS-11	400	1777	2.0 - 3.0	< 10.0 ± 0.0	1.6 ± 0.6	2.1 ± 0.9	-a-	
HISS-11	400	1777	3.0 - 4.0	< 10.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	-a-	
HISS-11	400	1777	4.0 - 5.0	< 6.0 ± 0.0	1.1 ± 0.5	1.4 ± 0.7	2.0 ± 1.2	
HISS-11	400	1777	5.0 - 6.0	< 10.0 ± 0.0	2.2 ± 0.6	2.1 ± 0.8	-a-	
HISS-11	400	1777	6.0 - 7.0	< 9.0 ± 0.0	3.3 ± 0.7	3.0 ± 1.0	1.6 ± 0.8	
HISS-11	400	1777	7.0 - 8.0	< 8.0 ± 0.0	1.3 ± 0.6	1.7 ± 0.9	-a-	
HISS-11	400	1777	8.0 - 9.0	< 9.0 ± 0.0	0.9 ± 0.5	2.2 ± 0.9	-a-	
HISS-11	400	1777	9.0 - 10.0	< 8.0 ± 0.0	2.0 ± 0.6	1.3 ± 0.9	-a-	
HISS-24	401	1606	0.0 - 1.0	< 9.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	5.2 ± 0.4	
HISS-24	401	1606	1.0 - 2.0	< 5.0 ± 0.0	1.0 ± 0.5	1.4 ± 0.8	15.0 ± 2.0	
HISS-24	401	1606	2.0 - 3.0	< 5.0 ± 0.0	0.9 ± 0.4	1.4 ± 0.8	15.0 ± 1.0	
HISS-24	401	1606	3.0 - 4.0	< 9.0 ± 0.0	1.5 ± 0.5	0.8 ± 0.5	2.7 ± 0.6	
HISS-24	401	1606	4.0 - 5.0	12.0 ± 6.0	14.0 ± 2.0	3.0 ± 1.0	990.0 ± 10.0	*
HISS-24	401	1606	5.0 - 6.0	< 6.0 ± 0.0	1.5 ± 0.6	1.6 ± 0.7	43.0 ± 4.0	*
HISS-24	401	1606	6.0 - 7.0	< 8.0 ± 0.0	1.4 ± 0.5	2.6 ± 0.8	4.2 ± 0.7	
HISS-24	401	1606	7.0 - 8.0	< 5.0 ± 0.0	1.7 ± 0.5	1.7 ± 0.7	2.8 ± 0.4	
HISS-27	403	1567	0.0 - 1.0	< 10.0 ± 0.0	2.3 ± 0.7	2.5 ± 0.9	21.0 ± 1.0	*
HISS-27	403	1567	1.0 - 2.0	< 6.0 ± 0.0	1.2 ± 0.5	1.0 ± 0.7	8.7 ± 2.5	
HISS-27	403	1567	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.6	2.0 ± 0.8	58.0 ± 1.0	*
HISS-27	403	1567	3.0 - 4.0	< 10.0 ± 0.0	1.2 ± 0.5	3.0 ± 1.0	2.8 ± 0.2	
HISS-27	403	1567	4.0 - 5.0	< 6.0 ± 0.0	1.7 ± 0.3	1.9 ± 0.9	1.6 ± 0.7	
HISS-27	403	1567	5.0 - 6.0	< 5.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	5.3 ± 2.0	
HISS-27	403	1567	6.0 - 7.0	< 11.0 ± 0.0	1.6 ± 0.7	2.6 ± 0.9	2.0 ± 0.3	
HISS-27	403	1567	7.0 - 8.0	< 5.0 ± 0.0	1.2 ± 0.6	1.5 ± 0.8	1.5 ± 0.1	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-27	403	1567	8.0 - 9.0	< 5.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	3.2 ± 0.5	
HISS-27	403	1567	9.0 - 10.0	< 8.0 ± 0.0	1.7 ± 0.5	1.7 ± 0.7	3.1 ± 0.3	
HISS-39	405	1350	0.0 - 1.0	< 37.0 ± 0.0	8.0 ± 2.0	< 3.0 ± 0.0	-a-	
HISS-39	405	1350	1.0 - 2.0	9.0 ± 8.0	5.0 ± 1.0	< 1.0 ± 0.0	400.0 ± 20.0	*
HISS-39	405	1350	2.0 - 3.0	< 10.0 ± 0.0	1.5 ± 0.6	4.0 ± 1.0	-a-	
HISS-39	405	1350	3.0 - 4.0	< 4.0 ± 0.0	0.8 ± 0.5	< 1.0 ± 0.0	1.7 ± 0.5	
HISS-39	405	1350	4.0 - 5.0	< 9.0 ± 0.0	1.1 ± 0.5	2.6 ± 0.9	-a-	
HISS-39	405	1350	5.0 - 6.0	< 7.0 ± 0.0	1.3 ± 0.6	1.8 ± 0.8	6.2 ± 1.8	
HISS-39	405	1350	6.0 - 7.0	< 4.0 ± 0.0	1.2 ± 0.5	1.0 ± 0.6	-a-	
HISS-39	405	1350	7.0 - 8.0	< 9.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.8	-a-	
HISS-39	405	1350	8.0 - 9.0	< 6.0 ± 0.0	1.6 ± 0.5	1.7 ± 0.8	-a-	
HISS-39	405	1350	9.0 - 10.0	< 5.0 ± 0.0	1.2 ± 0.5	1.9 ± 0.8	-a-	
B53C31	412	1450	1.0 - 2.0	< 13.0 ± 0.0	7.0 ± 1.0	2.0 ± 1.0	-a-	
B53C31	412	1450	2.0 - 3.0	730.0 ± 80.0	770.0 ± 10	9.0 ± 7.0	-a-	*
B53C31	412	1450	3.0 - 4.0	630.0 ± 70.0	570.0 ± 10	< 4.0 ± 0.0	-a-	*
B53C31	412	1450	4.0 - 5.0	1400 ± 100.0	1000 ± 100	6.0 ± 4.0	-a-	*
B53C31	412	1450	5.0 - 6.0	1300 ± 200.0	1200 ± 100	< 6.0 ± 0.0	-a-	*
B53C31	412	1450	6.0 - 7.0	900.0 ± 70.0	1200 ± 100	26.0 ± 9.0	-a-	*
B53C31	412	1450	7.0 - 8.0	920.0 ± 70.0	1200 ± 100	17.0 ± 8.0	-a-	*
B53C31	412	1450	8.0 - 9.0	1400 ± 100.0	1200 ± 100	10.0 ± 7.0	-a-	*
B53C31	412	1450	9.0 - 10.0	2500 ± 200.0	2300 ± 200	13.0 ± 11	-a-	*
B53C31	412	1450	10.0 - 11.0	250.0 ± 20.0	250.0 ± 10	6.0 ± 4.0	-a-	*
B53C31	412	1450	11.0 - 12.0	41.0 ± 4.0	24.0 ± 2.0	3.0 ± 1.0	1900 ± 100.0	*
B53C31	412	1450	12.0 - 13.0	21.0 ± 5.0	9.0 ± 1.0	< 1.0 ± 0.0	510.0 ± 10.0	*
B53C31	412	1450	13.0 - 14.0	< 9.0 ± 0.0	3.3 ± 0.8	< 1.0 ± 0.0	-a-	
B53C31	412	1450	14.0 - 15.0	22.0 ± 7.0	28.0 ± 2.0	2.0 ± 1.0	1600 ± 100.0	*
HISS-36	449	1400	0.0 - 1.0	< 29.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	-a-	
HISS-36	449	1400	1.0 - 2.0	13.0 ± 8.0	13.0 ± 2.0	1.0 ± 1.0	-a-	S
HISS-36	449	1400	2.0 - 3.0	13.0 ± 4.0	1.9 ± 0.7	1.9 ± 0.9	-a-	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-36	449	1400	3.0 - 4.0	< 4.0 ± 0.0	1.2 ± 0.6	2.4 ± 0.9	1.9 ± 0.9	
HISS-36	449	1400	4.0 - 5.0	< 8.0 ± 0.0	2.0 ± 0.9	< 1.0 ± 0.0	2.8 ± 1.9	
HISS-36	449	1400	5.0 - 6.0	< 4.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.8	3.2 ± 0.8	
HISS-36	449	1400	6.0 - 7.0	< 9.0 ± 0.0	2.2 ± 0.7	2.6 ± 0.9	-a-	
HISS-36	449	1400	10.0 - 11.0	< 3.0 ± 0.0	1.4 ± 0.5	1.4 ± 0.7	-a-	
HISS-36	449	1400	11.0 - 12.0	< 9.0 ± 0.0	1.0 ± 0.6	< 1.0 ± 0.0	-a-	
HISS-36	449	1400	12.0 - 13.0	< 4.0 ± 0.0	0.7 ± 0.4	1.7 ± 0.8	-a-	
HISS-36	449	1400	13.0 - 14.0	< 4.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.7	-a-	
HISS-36	449	1400	14.0 - 15.0	< 9.0 ± 0.0	1.5 ± 0.5	2.6 ± 0.8	-a-	
HISS-45	450	1250	1.0 - 2.0	14.0 ± 11.0	11.0 ± 2.0	3.0 ± 1.0	-a-	S
HISS-45	450	1250	2.0 - 3.0	64.0 ± 15.0	39.0 ± 3.0	2.0 ± 1.0	-a-	*
HISS-45	450	1250	3.0 - 4.0	< 6.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.7	3.8 ± 2.1	
HISS-45	450	1250	4.0 - 5.0	< 9.0 ± 0.0	1.5 ± 0.5	1.5 ± 0.7	2.4 ± 0.4	
HISS-45	450	1250	5.0 - 6.0	< 3.0 ± 0.0	0.6 ± 0.5	0.8 ± 0.7	3.9 ± 0.7	
HISS-45	450	1250	6.0 - 7.0	< 9.0 ± 0.0	1.1 ± 0.4	1.7 ± 0.7	-a-	
HISS-45	450	1250	7.0 - 8.0	< 4.0 ± 0.0	0.7 ± 0.5	1.3 ± 0.7	-a-	
HISS-14	450	1742	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.7	2.0 ± 1.0	2.5 ± 1.9	
HISS-14	450	1742	2.0 - 3.0	< 13.0 ± 0.0	1.8 ± 0.5	4.0 ± 1.0	-a-	
HISS-14	450	1742	3.0 - 4.0	< 8.0 ± 0.0	1.4 ± 0.7	1.0 ± 0.9	-a-	
HISS-14	450	1742	4.0 - 5.0	< 11.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	1.5 ± 1.1	
HISS-14	450	1742	5.0 - 6.0	< 10.0 ± 0.0	1.8 ± 0.6	2.0 ± 1.0	-a-	
HISS-14	450	1742	6.0 - 7.0	< 7.0 ± 0.0	2.1 ± 0.6	1.7 ± 0.9	0.9 ± 0.9	
HISS-14	450	1742	7.0 - 8.0	< 9.0 ± 0.0	1.5 ± 0.6	1.7 ± 0.8	-a-	
HISS-14	450	1742	8.0 - 9.0	< 6.0 ± 0.0	1.3 ± 0.6	2.0 ± 0.8	-a-	
HISS-14	450	1742	9.0 - 10.0	< 9.0 ± 0.0	2.0 ± 0.5	1.7 ± 0.8	-a-	
HISS-9	450	1800	0.0 - 1.0	< 26.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	-a-	
HISS-9	450	1800	1.0 - 2.0	< 11.0 ± 0.0	2.0 ± 0.6	1.8 ± 0.8	2.9 ± 0.6	
HISS-9	450	1800	2.0 - 3.0	< 7.0 ± 0.0	0.9 ± 0.7	2.0 ± 1.0	-a-	
HISS-9	450	1800	3.0 - 4.0	< 11.0 ± 0.0	12.0 ± 0.5	3.0 ± 1.0	< 1.2 ± 0.0	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-9	450	1800	4.0 - 5.0	< 9.0 ± 0.0	2.0 ± 0.7	< 1.0 ± 0.0	< 1.2 ± 0.0	
HISS-9	450	1800	5.0 - 6.0	< 10.0 ± 0.0	2.4 ± 0.8	1.7 ± 0.9	1.9 ± 0.9	
HISS-9	450	1800	6.0 - 7.0	< 8.0 ± 0.0	1.7 ± 0.5	2.0 ± 0.8	-a-	
HISS-9	450	1800	7.0 - 8.0	< 6.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	-a-	
HISS-9	450	1800	8.0 - 9.0	< 9.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.8	-a-	
HISS-9	450	1800	9.0 - 10.0	< 5.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.8	-a-	
HISS-21	453	1626	0.0 - 1.0	< 10.0 ± 0.0	2.5 ± 0.7	1.3 ± 0.9	20.0 ± 1.0	*
HISS-21	453	1626	1.0 - 2.0	< 5.0 ± 0.0	1.9 ± 0.6	1.4 ± 0.7	22.0 ± 1.0	*
HISS-21	453	1626	2.0 - 3.0	< 4.0 ± 0.0	1.3 ± 0.5	0.9 ± 0.7	17.0 ± 1.0	*
HISS-21	453	1626	3.0 - 4.0	< 9.0 ± 0.0	2.0 ± 0.6	2.6 ± 0.9	18.0 ± 1.0	*
HISS-21	453	1626	4.0 - 5.0	< 6.0 ± 0.0	1.4 ± 0.7	1.6 ± 0.8	51.0 ± 1.0	*
HISS-21	453	1626	5.0 - 6.0	18.0 ± 8.0	10.0 ± 1.0	1.5 ± 0.9	2000 ± 100.0	*
HISS-21	453	1626	6.0 - 7.0	< 9.0 ± 0.0	2.6 ± 0.6	2.0 ± 0.8	73.0 ± 3.0	*
HISS-28	455	1545	0.0 - 1.0	10.0 ± 7.0	3.3 ± 0.8	1.6 ± 0.8	110.0 ± 10.0	*
HISS-28	455	1545	1.0 - 2.0	< 10.0 ± 0.0	2.3 ± 0.7	1.9 ± 0.8	41.0 ± 2.0	*
HISS-28	455	1545	2.0 - 3.0	< 5.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.8	7.1 ± 0.3	
HISS-28	455	1545	3.0 - 4.0	< 4.0 ± 0.0	1.7 ± 0.6	2.1 ± 0.8	12.0 ± 1.0	
HISS-28	455	1545	4.0 - 5.0	< 10.0 ± 0.0	1.3 ± 0.5	2.2 ± 0.9	2.9 ± 0.8	
HISS-28	455	1545	5.0 - 6.0	< 5.0 ± 0.0	1.0 ± 0.5	1.5 ± 0.9	3.8 ± 0.5	
HISS-28	455	1545	6.0 - 7.0	< 10.0 ± 0.0	1.0 ± 0.6	1.7 ± 0.7	1.3 ± 0.2	
HISS-28	455	1545	7.0 - 8.0	< 4.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.7	2.0 ± 0.2	
HISS-28	455	1545	8.0 - 9.0	< 4.0 ± 0.0	1.5 ± 0.5	1.2 ± 0.7	1.6 ± 0.3	
HISS-28	455	1545	9.0 - 10.0	< 8.0 ± 0.0	1.6 ± 0.5	1.7 ± 0.6	2.9 ± 0.2	
HISS-28	455	1545	10.0 - 11.0	< 4.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	1.9 ± 0.3	
HISS-32	456	1467	0.0 - 1.0	< 9.0 ± 0.0	2.3 ± 0.6	< 1.0 ± 0.0	12.0 ± 1.0	
HISS-32	456	1467	1.0 - 2.0	< 7.0 ± 0.0	2.8 ± 0.7	< 1.0 ± 0.0	80.0 ± 2.0	*
HISS-32	456	1467	2.0 - 3.0	< 7.0 ± 0.0	1.3 ± 0.6	1.4 ± 0.8	18.0 ± 2.0	*
HISS-32	456	1467	3.0 - 4.0	15.0 ± 8.0	17.0 ± 2.0	3.0 ± 1.0	550.0 ± 20.0	*
HISS-32	456	1467	4.0 - 5.0	< 6.0 ± 0.0	1.8 ± 0.6	2.0 ± 1.0	11.0 ± 1.0	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-32	456	1467	5.0 - 6.0	< 9.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	3.9 ± 0.4	
HISS-32	456	1467	6.0 - 7.0	< 5.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.8	1.9 ± 0.3	
HISS-32	456	1467	7.0 - 8.0	< 10.0 ± 0.0	1.5 ± 0.5	3.0 ± 1.0	1.4 ± 0.2	
HISS-17	456	1711	0.0 - 1.0	9.0 ± 6.0	5.0 ± 1.0	< 1.0 ± 0.0	250.0 ± 10.0	*
HISS-17	456	1711	1.0 - 2.0	< 12.0 ± 0.0	2.1 ± 0.7	3.0 ± 1.0	26.0 ± 2.0	*
HISS-17	456	1711	2.0 - 3.0	< 4.0 ± 0.0	0.9 ± 0.5	1.9 ± 0.9	2.6 ± 0.2	
HISS-17	456	1711	3.0 - 4.0	< 5.0 ± 0.0	0.9 ± 0.6	1.6 ± 0.9	1.6 ± 0.2	
HISS-17	456	1711	4.0 - 5.0	< 9.0 ± 0.0	< 1.0 ± 0.0	2.4 ± 1.0	6.4 ± 0.9	
HISS-17	456	1711	5.0 - 6.0	< 4.0 ± 0.0	1.0 ± 0.5	1.0 ± 0.8	1.6 ± 0.2	
HISS-4	459	1900	0.0 - 1.0	< 10.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	-a-	
HISS-4	459	1900	1.0 - 2.0	< 7.0 ± 0.0	1.5 ± 0.6	1.5 ± 0.8	98.0 ± 5.0	*
HISS-4	459	1900	2.0 - 3.0	< 4.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.8	-a-	
HISS-4	459	1900	3.0 - 4.0	< 9.0 ± 0.0	1.3 ± 0.5	4.0 ± 1.0	2.2 ± 0.5	
HISS-4	459	1900	4.0 - 5.0	< 6.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.8	-a-	
HISS-4	459	1900	5.0 - 6.0	< 5.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.8	2.1 ± 0.7	
HISS-4	459	1900	6.0 - 7.0	< 8.0 ± 0.0	2.6 ± 0.7	1.7 ± 1.0	-a-	
HISS-4	459	1900	7.0 - 8.0	< 5.0 ± 0.0	1.2 ± 0.5	1.6 ± 0.9	-a-	
B53C35	500	1150	0.0 - 1.0	95.0 ± 27.0	82.0 ± 4.0	2.0 ± 2.0	-a-	*
B53C35	500	1150	1.0 - 2.0	10.0 ± 4.0	1.4 ± 0.6	3.0 ± 1.0	-a-	
B53C35	500	1150	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	3.4 ± 1.2	
B53C35	500	1150	3.0 - 4.0	< 5.0 ± 0.0	1.6 ± 0.5	1.2 ± 0.7	5.3 ± 1.5	
B53C35	500	1150	4.0 - 5.0	< 9.0 ± 0.0	1.3 ± 0.4	2.4 ± 0.9	6.3 ± 2.0	
B53C35	500	1150	5.0 - 6.0	< 5.0 ± 0.0	2.0 ± 0.6	1.2 ± 0.9	-a-	
B53C35	500	1150	6.0 - 7.0	< 5.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.6	-a-	
B53C35	500	1150	7.0 - 8.0	< 7.0 ± 0.0	1.7 ± 0.5	1.2 ± 0.6	-a-	
B53C35	500	1150	8.0 - 9.0	< 4.0 ± 0.0	1.9 ± 0.5	1.1 ± 0.8	-a-	
HISS-42	500	1310	0.0 - 1.0	< 20.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	-a-	
HISS-42	500	1310	1.0 - 2.0	< 12.0 ± 0.0	2.7 ± 0.8	2.0 ± 1.0	-a-	
HISS-42	500	1310	2.0 - 3.0	< 11.0 ± 0.0	1.1 ± 0.5	2.3 ± 0.9	5.2 ± 0.8	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-42	500	1310	3.0 - 4.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	5.2 ± 0.8
HISS-42	500	1310	4.0 - 5.0	< 10.0 ± 0.0	1.3 ± 0.7	2.2 ± 0.8	8.8 ± 2.0
HISS-42	500	1310	5.0 - 6.0	< 10.0 ± 0.0	0.9 ± 0.5	3.0 ± 1.0	-a-
HISS-42	500	1310	6.0 - 7.0	< 9.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.8	7.6 ± 2.4
HISS-42	500	1310	7.0 - 8.0	< 6.0 ± 0.0	1.0 ± 0.6	1.2 ± 0.7	-a-
HISS-40	500	1350	0.0 - 1.0	< 10.0 ± 0.0	6.0 ± 2.0	4.0 ± 2.0	-a-
HISS-40	500	1350	1.0 - 2.0	< 5.0 ± 0.0	1.2 ± 0.6	1.2 ± 0.8	2.8 ± 1.1
HISS-40	500	1350	2.0 - 3.0	< 5.0 ± 0.0	1.8 ± 0.6	1.8 ± 0.9	-a-
HISS-40	500	1350	3.0 - 4.0	< 5.0 ± 0.0	0.8 ± 0.6	1.7 ± 0.8	-a-
HISS-40	500	1350	4.0 - 5.0	< 6.0 ± 0.0	0.9 ± 0.6	4.0 ± 1.0	1.5 ± 0.4
HISS-40	500	1350	5.0 - 6.0	< 5.0 ± 0.0	1.1 ± 0.7	1.2 ± 0.9	-a-
HISS-40	500	1350	6.0 - 7.0	< 10.0 ± 0.0	1.6 ± 0.5	2.2 ± 0.9	2.3 ± 0.8
HISS-40	500	1350	7.0 - 8.0	< 4.0 ± 0.0	1.2 ± 0.6	1.3 ± 0.8	-a-
HISS-40	500	1350	8.0 - 9.0	< 3.0 ± 0.0	1.0 ± 0.4	0.8 ± 0.7	-a-
HISS-40	500	1350	9.0 - 10.0	< 4.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.7	-a-
HISS-29	500	1550	0.0 - 1.0	< 18.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	-a-
HISS-29	500	1550	1.0 - 2.0	< 13.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	23.0 ± 1.0 *
HISS-29	500	1550	2.0 - 3.0	< 10.0 ± 0.0	1.7 ± 0.7	1.7 ± 0.9	-a-
HISS-29	500	1550	3.0 - 4.0	< 15.0 ± 0.0	2.4 ± 0.8	2.0 ± 1.0	1.4 ± 0.3
HISS-29	500	1550	4.0 - 5.0	< 7.0 ± 0.0	1.7 ± 0.6	1.9 ± 0.9	-a-
HISS-29	500	1550	5.0 - 6.0	< 18.0 ± 0.0	2.6 ± 0.9	4.0 ± 2.0	12.0 ± 0.3
HISS-29	500	1550	6.0 - 7.0	< 10.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	-a-
HISS-29	500	1550	7.0 - 8.0	< 8.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.8	-a-
HISS-29	500	1550	8.0 - 9.0	< 5.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.7	-a-
HISS-29	500	1550	9.0 - 10.0	< 7.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.7	-a-
HISS-29	500	1550	10.0 - 11.0	< 7.0 ± 0.0	1.6 ± 0.7	1.9 ± 0.8	-a-
HISS-29	500	1550	11.0 - 12.0	< 6.0 ± 0.0	1.6 ± 0.6	2.0 ± 0.8	-a-
HISS-29	500	1550	12.0 - 13.0	< 10.0 ± 0.0	2.2 ± 0.7	1.3 ± 1.0	-a-
HISS-29	500	1550	13.0 - 14.0	< 9.0 ± 0.0	1.3 ± 0.6	1.8 ± 0.8	-a-

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-29	500	1550	14.0 - 15.0	< 9.0 ± 0.0	1.6 ± 0.6	1.4 ± 0.7	-a-
HISS-20	500	1650	0.0 - 1.0	< 20.0 ± 0.0	5.0 ± 1.0	4.0 ± 2.0	-a-
HISS-20	500	1650	1.0 - 2.0	< 8.0 ± 0.0	1.9 ± 0.7	< 1.0 ± 0.0	76.0 ± 4.0 *
HISS-20	500	1650	2.0 - 3.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	-a-
HISS-20	500	1650	3.0 - 4.0	< 8.0 ± 0.0	1.4 ± 0.6	1.1 ± 0.7	-a-
HISS-20	500	1650	4.0 - 5.0	< 7.0 ± 0.0	< 1.0 ± 0.0	1.4 ± 0.8	1.0 ± 0.4
HISS-20	500	1650	5.0 - 6.0	< 11.0 ± 0.0	4.0 ± 2.0	5.0 ± 3.0	-a-
HISS-20	500	1650	6.0 - 7.0	< 15.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.8	0.7 ± 0.5
HISS-20	500	1650	7.0 - 8.0	< 9.0 ± 0.0	2.1 ± 0.7	2.0 ± 1.0	-a-
HISS-20	500	1650	8.0 - 9.0	< 10.0 ± 0.0	1.8 ± 0.5	2.0 ± 1.0	-a-
HISS-20	500	1650	9.0 - 10.0	< 7.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.6	-a-
HISS-13	500	1750	0.0 - 1.0	< 17.0 ± 0.0	2.2 ± 0.9	3.0 ± 1.0	-a-
HISS-13	500	1750	1.0 - 2.0	< 6.0 ± 0.0	1.3 ± 0.6	2.4 ± 0.8	1.9 ± 0.4
HISS-13	500	1750	2.0 - 3.0	< 6.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	-a-
HISS-13	500	1750	3.0 - 4.0	< 6.0 ± 0.0	1.0 ± 0.6	0.9 ± 0.9	2.1 ± 0.8
HISS-13	500	1750	4.0 - 5.0	< 10.0 ± 0.0	1.7 ± 0.5	3.0 ± 1.0	-a-
HISS-13	500	1750	5.0 - 6.0	< 6.0 ± 0.0	1.2 ± 0.6	1.7 ± 0.8	1.8 ± 0.5
HISS-13	500	1750	6.0 - 7.0	< 5.0 ± 0.0	1.3 ± 0.6	1.1 ± 0.7	-a-
HISS-13	500	1750	7.0 - 8.0	< 12.0 ± 0.0	2.5 ± 0.8	2.0 ± 1.0	-a-
HISS-13	500	1750	8.0 - 9.0	< 6.0 ± 0.0	1.9 ± 0.7	1.7 ± 0.9	-a-
HISS-13	500	1750	9.0 - 10.0	< 10.0 ± 0.0	1.5 ± 0.6	1.2 ± 0.7	-a-
HISS-7	500	1850	0.0 - 1.0	< 55.0 ± 0.0	4.0 ± 3.0	< 4.0 ± 0.0	-a-
HISS-7	500	1850	1.0 - 2.0	< 5.0 ± 0.0	0.8 ± 0.6	1.0 ± 0.8	7.1 ± 1.2
HISS-7	500	1850	2.0 - 3.0	< 11.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.8	-a-
HISS-7	500	1850	3.0 - 4.0	< 6.0 ± 0.0	1.0 ± 0.6	1.0 ± 0.8	2.3 ± 0.8
HISS-7	500	1850	4.0 - 5.0	< 4.0 ± 0.0	1.3 ± 0.5	1.1 ± 0.7	-a-
HISS-7	500	1850	5.0 - 6.0	< 10.0 ± 0.0	2.2 ± 0.7	2.6 ± 0.9	1.1 ± 0.7
HISS-7	500	1850	6.0 - 7.0	< 6.0 ± 0.0	1.9 ± 0.7	1.8 ± 0.9	-a-
HISS-7	500	1850	7.0 - 8.0	< 5.0 ± 0.0	1.6 ± 0.6	1.5 ± 0.8	-a-

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-7	500	1850	8.0 - 9.0	< 5.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.6	-a-
HISS-7	500	1850	9.0 - 10.0	< 11.0 ± 0.0	1.5 ± 0.5	1.5 ± 0.9	-a-
HISS-2	500	1940	0.0 - 1.0	< 11.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	-a-
HISS-2	500	1940	1.0 - 2.0	< 11.0 ± 0.0	2.2 ± 0.7	3.0 ± 1.0	1.2 ± 0.5
HISS-2	500	1940	2.0 - 3.0	< 6.0 ± 0.0	0.9 ± 0.5	1.9 ± 0.8	-a-
HISS-2	500	1940	3.0 - 4.0	< 6.0 ± 0.0	1.2 ± 0.6	1.7 ± 0.9	-a-
HISS-2	500	1940	4.0 - 5.0	< 11.0 ± 0.0	1.5 ± 0.5	2.0 ± 1.0	-a-
HISS-2	500	1940	5.0 - 6.0	< 6.0 ± 0.0	1.9 ± 0.7	1.0 ± 0.9	2.4 ± 1.0
HISS-2	500	1940	6.0 - 7.0	< 10.0 ± 0.0	1.2 ± 0.5	2.7 ± 0.9	-a-
HISS-2	500	1940	7.0 - 8.0	< 4.0 ± 0.0	1.5 ± 0.5	1.9 ± 0.7	-a-
HISS-2	500	1940	8.0 - 9.0	< 10.0 ± 0.0	1.6 ± 0.6	1.6 ± 0.8	1.1 ± 0.5
HISS-2	500	1940	9.0 - 10.0	< 5.0 ± 0.0	1.4 ± 0.5	1.0 ± 0.8	-a-
HISS-35	503	1450	1.0 - 2.0	< 11.0 ± 0.0	2.7 ± 0.7	< 1.0 ± 0.0	16.0 ± 1.0
HISS-35	503	1450	2.0 - 3.0	6.0 ± 5.0	5.0 ± 1.0	1.3 ± 0.8	-a-
HISS-35	503	1450	3.0 - 4.0	< 6.0 ± 0.0	1.7 ± 0.6	1.1 ± 1.0	1.6 ± 0.5
HISS-35	503	1450	4.0 - 5.0	< 12.0 ± 0.0	2.4 ± 0.6	2.2 ± 0.8	-a-
HISS-35	503	1450	5.0 - 6.0	< 7.0 ± 0.0	2.0 ± 0.7	1.2 ± 1.0	8.0 ± 1.0
HISS-35	503	1450	6.0 - 7.0	< 10.0 ± 0.0	1.5 ± 0.6	2.2 ± 0.9	-a-
HISS-35	503	1450	7.0 - 8.0	< 6.0 ± 0.0	1.2 ± 0.6	1.2 ± 0.7	-a-
HISS-35	503	1450	8.0 - 9.0	< 8.0 ± 0.0	1.8 ± 0.5	2.0 ± 0.8	-a-
HISS-35	503	1450	9.0 - 10.0	< 16.0 ± 0.0	2.1 ± 0.9	2.0 ± 1.0	-a-
HISS-44	515	1291	0.0 - 1.0	< 9.0 ± 0.0	1.9 ± 0.6	1.2 ± 0.6	32.0 ± 1.0 *
HISS-44	515	1291	1.0 - 2.0	< 5.0 ± 0.0	1.6 ± 0.5	1.0 ± 0.8	7.0 ± 1.0
HISS-44	515	1291	2.0 - 3.0	< 5.0 ± 0.0	1.1 ± 0.6	1.9 ± 0.8	1.7 ± 0.2
HISS-44	515	1291	3.0 - 4.0	< 10.0 ± 0.0	1.5 ± 0.5	2.5 ± 0.9	1.7 ± 0.2
HISS-44	515	1291	4.0 - 5.0	< 4.0 ± 0.0	1.5 ± 0.5	1.6 ± 0.8	2.3 ± 0.9
HISS-44	515	1291	5.0 - 6.0	< 9.0 ± 0.0	1.4 ± 0.5	2.8 ± 0.8	1.5 ± 0.3
HISS-44	515	1291	6.0 - 7.0	< 4.0 ± 0.0	1.3 ± 0.5	1.0 ± 0.7	1.5 ± 0.2
HISS-10	520	1803	1.0 - 2.0	< 6.0 ± 0.0	1.3 ± 0.6	2.3 ± 0.9	3.4 ± 1.0

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-10	520	1803	2.0 - 3.0	< 6.0 ± 0.0	1.7 ± 0.7	2.3 ± 0.7	3.4 ± 1.0
HISS-10	520	1803	3.0 - 4.0	< 5.0 ± 0.0	1.4 ± 0.5	2.0 ± 0.8	1.2 ± 0.6
HISS-10	520	1803	4.0 - 5.0	< 5.0 ± 0.0	0.5 ± 0.5	1.4 ± 0.8	-a-
HISS-10	520	1803	5.0 - 6.0	< 10.0 ± 0.0	1.9 ± 0.7	3.0 ± 1.0	1.5 ± 0.4
HISS-10	520	1803	6.0 - 7.0	< 6.0 ± 0.0	1.2 ± 0.6	1.8 ± 0.9	-a-
HISS-10	520	1803	7.0 - 8.0	< 6.0 ± 0.0	1.4 ± 0.6	1.1 ± 0.8	-a-
HISS-10	520	1803	8.0 - 9.0	< 6.0 ± 0.0	1.3 ± 0.6	1.1 ± 0.7	-a-
HISS-10	520	1803	9.0 - 10.0	< 8.0 ± 0.0	1.4 ± 0.8	2.0 ± 1.0	-a-
HISS-31	526	1500	0.0 - 1.0	< 9.0 ± 0.0	2.5 ± 0.9	1.0 ± 1.0	-a-
HISS-31	526	1500	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.7	1.4 ± 1.0	-a-
HISS-31	526	1500	2.0 - 3.0	61.0 ± 18.0	77.0 ± 4.0	2.0 ± 2.0	-a- *
HISS-31	526	1500	3.0 - 4.0	< 7.0 ± 0.0	1.5 ± 0.7	1.9 ± 0.9	3.9 ± 0.9
HISS-31	526	1500	4.0 - 5.0	< 10.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	2.2 ± 0.4
HISS-31	526	1500	5.0 - 6.0	< 6.0 ± 0.0	1.8 ± 0.6	1.5 ± 0.8	3.6 ± 1.4
HISS-31	526	1500	6.0 - 7.0	< 6.0 ± 0.0	1.9 ± 0.6	1.2 ± 0.7	-a-
HISS-31	526	1500	7.0 - 8.0	< 8.0 ± 0.0	1.6 ± 0.5	1.7 ± 0.8	-a-
HISS-31	526	1500	8.0 - 9.0	< 8.0 ± 0.0	1.3 ± 0.4	1.4 ± 0.7	-a-
HISS-31	526	1500	9.0 - 10.0	< 6.0 ± 0.0	2.5 ± 0.7	1.4 ± 0.8	-a-
HISS-25	526	1600	0.0 - 1.0	< 12.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	-a-
HISS-25	526	1600	1.0 - 2.0	< 9.0 ± 0.0	1.3 ± 0.7	1.3 ± 0.7	-a-
HISS-25	526	1600	2.0 - 3.0	< 9.0 ± 0.0	3.0 ± 1.0	1.5 ± 0.8	-a-
HISS-25	526	1600	3.0 - 4.0	< 7.0 ± 0.0	0.8 ± 0.6	< 1.0 ± 0.0	2.1 ± 1.2
HISS-25	526	1600	4.0 - 5.0	< 8.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	1.5 ± 0.8
HISS-25	526	1600	5.0 - 6.0	< 9.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	< 1.1 ± 0.0
HISS-25	526	1600	6.0 - 7.0	< 8.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	-a-
HISS-25	526	1600	7.0 - 8.0	< 6.0 ± 0.0	1.2 ± 0.5	1.6 ± 0.7	-a-
HISS-18	526	1700	0.0 - 1.0	< 12.0 ± 0.0	5.0 ± 1.0	1.5 ± 1.1	-a-
HISS-18	526	1700	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.8	-a-
HISS-18	526	1700	2.0 - 3.0	< 9.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	-a-

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-18	526	1700	3.0 - 4.0	< 7.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.7	3.2 ± 0.5	
HISS-18	526	1700	4.0 - 5.0	< 6.0 ± 0.0	0.8 ± 0.5	1.1 ± 0.7	1.5 ± 0.4	
HISS-18	526	1700	5.0 - 6.0	< 7.0 ± 0.0	1.1 ± 0.5	1.9 ± 0.7	1.3 ± 0.3	
HISS-18	526	1700	6.0 - 7.0	< 5.0 ± 0.0	1.5 ± 0.5	2.6 ± 0.9	-a-	
HISS-18	526	1700	7.0 - 8.0	< 6.0 ± 0.0	1.4 ± 0.4	1.6 ± 0.6	-a-	
HISS-18	526	1700	8.0 - 9.0	< 9.0 ± 0.0	2.0 ± 0.6	2.8 ± 0.8	-a-	
HISS-18	526	1700	9.0 - 10.0	< 10.0 ± 0.0	1.7 ± 1.2	2.0 ± 1.0	-a-	
HISS-58	527	1075	0.0 - 1.0	< 6.0 ± 0.0	3.3 ± 0.8	1.0 ± 0.9	-a-	
HISS-58	527	1075	1.0 - 2.0	53.0 ± 13.0	38.0 ± 3.0	3.0 ± 2.0	-a-	*
HISS-58	527	1075	2.0 - 3.0	40.0 ± 7.0	39.0 ± 3.0	5.0 ± 2.0	-a-	*
HISS-58	527	1075	3.0 - 4.0	46.0 ± 11.0	33.0 ± 3.0	3.0 ± 2.0	-a-	*
HISS-58	527	1075	4.0 - 5.0	9.0 ± 4.0	1.4 ± 0.6	1.8 ± 0.8	4.0 ± 0.5	
HISS-58	527	1075	5.0 - 6.0	5.0 ± 4.0	1.8 ± 0.7	2.0 ± 1.0	57.0 ± 4.0	*
HISS-58	527	1075	6.0 - 7.0	< 7.0 ± 0.0	1.9 ± 0.6	1.7 ± 0.9	2.5 ± 1.0	
HISS-58	527	1075	7.0 - 8.0	< 9.0 ± 0.0	1.3 ± 0.5	2.0 ± 0.8	-a-	
HISS-58	527	1075	8.0 - 9.0	< 4.0 ± 0.0	0.4 ± 0.4	0.7 ± 0.6	-a-	
HISS-58	527	1075	9.0 - 10.0	< 6.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.7	-a-	
HISS-58	527	1075	10.0 - 11.0	< 8.0 ± 0.0	1.3 ± 0.5	1.4 ± 0.7	-a-	
HISS-58	527	1075	11.0 - 12.0	< 6.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.7	-a-	
HISS-58	527	1075	12.0 - 13.0	< 6.0 ± 0.0	0.9 ± 0.5	1.5 ± 0.7	-a-	
HISS-5	540	1900	1.0 - 2.0	< 7.0 ± 0.0	1.2 ± 0.7	1.7 ± 0.9	-a-	
HISS-5	540	1900	2.0 - 3.0	< 6.0 ± 0.0	1.9 ± 0.6	4.0 ± 1.0	< 0.9 ± 0.0	
HISS-5	540	1900	3.0 - 4.0	< 5.0 ± 0.0	0.9 ± 0.6	1.5 ± 0.8	1.5 ± 0.4	
HISS-5	540	1900	4.0 - 5.0	< 11.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.9	1.9 ± 1.0	
HISS-5	540	1900	5.0 - 6.0	< 5.0 ± 0.0	1.8 ± 0.6	2.3 ± 0.9	-a-	
HISS-5	540	1900	6.0 - 7.0	< 8.0 ± 0.0	1.3 ± 0.5	2.4 ± 0.8	-a-	
HISS-5	540	1900	7.0 - 8.0	< 4.0 ± 0.0	1.0 ± 0.5	1.4 ± 0.8	-a-	
HISS-5	540	1900	8.0 - 9.0	< 5.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	-a-	
HISS-5	540	1900	9.0 - 10.0	< 15.0 ± 0.0	2.6 ± 0.8	3.0 ± 1.0	-a-	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-59	550	1050	0.0 - 1.0	< 22.0 ± 0.0	16.0 ± 3.0	6.0 ± 2.0	-a-	*
HISS-59	550	1050	1.0 - 2.0	5.0 ± 5.0	10.0 ± 1.0	4.0 ± 2.0	-a-	
HISS-59	550	1050	2.0 - 3.0	< 15.0 ± 0.0	17.0 ± 2.0	< 1.0 ± 0.0	-a-	*
HISS-59	550	1050	3.0 - 4.0	150.0 ± 30.0	170.0 ± 10	5.0 ± 3.0	-a-	*
HISS-59	550	1050	4.0 - 5.0	< 11.0 ± 0.0	1.6 ± 0.6	1.8 ± 0.7	3.3 ± 0.7	
HISS-59	550	1050	5.0 - 6.0	< 6.0 ± 0.0	1.4 ± 0.6	1.3 ± 1.0	3.1 ± 0.9	
HISS-59	550	1050	6.0 - 7.0	< 11.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	1.7 ± 1.3	
HISS-59	550	1050	7.0 - 8.0	< 4.0 ± 0.0	0.9 ± 0.5	1.0 ± 0.7	-a-	
HISS-59	550	1050	8.0 - 9.0	< 5.0 ± 0.0	1.3 ± 0.5	1.4 ± 0.8	-a-	
HISS-59	550	1050	9.0 - 10.0	< 9.0 ± 0.0	1.8 ± 0.5	2.4 ± 0.8	-a-	
HISS-59	550	1050	10.0 - 11.0	< 5.0 ± 0.0	1.3 ± 0.5	2.5 ± 0.8	-a-	
HISS-59	550	1050	11.0 - 12.0	< 8.0 ± 0.0	1.2 ± 0.5	0.8 ± 0.5	-a-	
HISS-59	550	1050	12.0 - 13.0	< 4.0 ± 0.0	1.4 ± 0.5	1.2 ± 0.7	-a-	
HISS-59	550	1050	13.0 - 14.0	< 4.0 ± 0.0	1.1 ± 0.4	1.9 ± 0.7	-a-	
HISS-59	550	1050	14.0 - 15.0	< 8.0 ± 0.0	2.0 ± 0.5	2.0 ± 0.8	-a-	
HISS-37	550	1400	0.0 - 1.0	< 6.0 ± 0.0	5.0 ± 2.0	< 2.0 ± 0.0	-a-	
HISS-37	550	1400	1.0 - 2.0	37.0 ± 9.0	20.0 ± 2.0	3.0 ± 1.0	-a-	*
HISS-37	550	1400	2.0 - 3.0	< 10.0 ± 0.0	2.5 ± 0.7	2.3 ± 0.9	-a-	
HISS-37	550	1400	3.0 - 4.0	< 6.0 ± 0.0	1.4 ± 0.6	2.0 ± 0.8	6.0 ± 2.0	
HISS-37	550	1400	4.0 - 5.0	< 9.0 ± 0.0	2.1 ± 0.6	1.2 ± 0.7	1.7 ± 0.4	
HISS-37	550	1400	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.6	1.4 ± 0.7	1.9 ± 0.5	
HISS-37	550	1400	6.0 - 7.0	< 8.0 ± 0.0	2.4 ± 0.6	2.0 ± 0.9	-a-	
HISS-37	550	1400	7.0 - 8.0	< 6.0 ± 0.0	0.9 ± 0.6	2.2 ± 0.8	-a-	
HISS-48	558	1191	0.0 - 1.0	< 6.0 ± 0.0	2.8 ± 0.7	1.1 ± 0.6	74.0 ± 1.0	*
HISS-48	558	1191	1.0 - 2.0	11.0 ± 8.0	14.0 ± 2.0	1.3 ± 0.9	390.0 ± 10.0	*
HISS-48	558	1191	2.0 - 3.0	18.0 ± 5.0	18.0 ± 2.0	2.0 ± 1.0	830.0 ± 10.0	*
HISS-48	558	1191	3.0 - 4.0	5.0 ± 4.0	7.0 ± 1.0	1.8 ± 0.8	230.0 ± 10.0	*
HISS-48	558	1191	4.0 - 5.0	< 7.0 ± 0.0	1.4 ± 0.6	2.0 ± 1.0	5.5 ± 1.9	
HISS-48	558	1191	5.0 - 6.0	< 9.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.8	3.5 ± 0.7	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
HISS-48	558	1191	6.0 - 7.0	< 5.0 ± 0.0	0.6 ± 0.4	1.6 ± 0.7	3.0 ± 0.3	
HISS-48	558	1191	7.0 - 8.0	< 8.0 ± 0.0	1.2 ± 0.5	2.3 ± 0.8	1.7 ± 0.4	
HISS-48	558	1191	8.0 - 9.0	< 5.0 ± 0.0	1.5 ± 0.5	2.3 ± 0.7	5.7 ± 0.6	
HISS-48	558	1191	9.0 - 10.0	< 9.0 ± 0.0	1.7 ± 0.5	2.0 ± 1.0	3.3 ± 0.4	
HISS-55	589	1120	0.0 - 1.0	8.0 ± 4.0	5.0 ± 1.0	2.0 ± 0.8	18.0 ± 1.0	*
HISS-55	589	1120	1.0 - 2.0	41.0 ± 9.0	10.0 ± 2.0	3.0 ± 1.0	580.0 ± 10.0	*
HISS-55	589	1120	2.0 - 3.0	8.0 ± 6.0	5.0 ± 1.0	2.0 ± 1.0	130.0 ± 10.0	*
HISS-55	589	1120	3.0 - 4.0	< 10.0 ± 0.0	1.8 ± 0.6	3.0 ± 1.0	3.0 ± 2.0	
HISS-55	589	1120	4.0 - 5.0	< 8.0 ± 0.0	2.4 ± 0.8	1.3 ± 1.1	2.3 ± 0.4	
HISS-55	589	1120	5.0 - 6.0	< 11.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	1.4 ± 1.1	
HISS-55	589	1120	6.0 - 7.0	< 5.0 ± 0.0	1.2 ± 0.5	0.9 ± 0.7	1.3 ± 0.6	
HISS-41	590	1350	0.0 - 1.0	100.0 ± 40.0	100.0 ± 10	< 3.0 ± 0.0	-a-	*
HISS-41	590	1350	1.0 - 2.0	10.0 ± 7.0	2.9 ± 0.7	1.4 ± 1.0	18.0 ± 2.0	*
HISS-41	590	1350	2.0 - 3.0	< 9.0 ± 0.0	2.9 ± 0.7	3.0 ± 1.0	-a-	
HISS-41	590	1350	3.0 - 4.0	< 6.0 ± 0.0	0.9 ± 0.5	2.4 ± 0.9	18.0 ± 2.0	*
HISS-41	590	1350	4.0 - 5.0	< 9.0 ± 0.0	1.3 ± 0.5	1.3 ± 0.9	3.9 ± 0.7	
HISS-41	590	1350	5.0 - 6.0	< 5.0 ± 0.0	1.6 ± 0.5	1.3 ± 0.7	-a-	
HISS-41	590	1350	6.0 - 7.0	< 9.0 ± 0.0	1.4 ± 0.5	1.4 ± 0.7	-a-	
HISS-41	590	1350	7.0 - 8.0	< 5.0 ± 0.0	1.3 ± 0.5	1.0 ± 0.6	-a-	
HISS-41	590	1350	8.0 - 9.0	< 8.0 ± 0.0	0.9 ± 0.4	2.2 ± 0.8	-a-	
HISS-41	590	1350	9.0 - 10.0	< 10.0 ± 0.0	2.1 ± 0.9	2.0 ± 1.0	-a-	
HISS-46	600	1250	1.0 - 2.0	64.0 ± 21.0	42.0 ± 3.0	3.0 ± 1.0	-a-	*
HISS-46	600	1250	2.0 - 3.0	< 10.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.7	1.4 ± 0.6	
HISS-46	600	1250	3.0 - 4.0	< 8.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	2.3 ± 1.1	
HISS-46	600	1250	4.0 - 5.0	< 10.0 ± 0.0	1.8 ± 0.5	2.0 ± 0.7	-a-	
HISS-46	600	1250	5.0 - 6.0	< 6.0 ± 0.0	1.9 ± 0.6	2.0 ± 0.9	-a-	
HISS-46	600	1250	6.0 - 7.0	< 7.0 ± 0.0	1.4 ± 0.5	0.9 ± 0.6	-a-	
HISS-46	600	1250	7.0 - 8.0	< 8.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.8	-a-	
HISS-46	600	1250	10.0 - 11.0	< 6.0 ± 0.0	1.3 ± 0.5	2.3 ± 0.7	-a-	

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HISS-46	600	1250	11.0 - 12.0	< 9.0 ± 0.0	1.6 ± 0.5	2.6 ± 0.9	-a-	
HISS-53	641	1150	0.0 - 1.0	32.0 ± 15.0	20.0 ± 4.0	3.0 ± 3.0	-a-	*
HISS-53	641	1150	1.0 - 2.0	< 7.0 ± 0.0	1.1 ± 0.5	2.0 ± 1.0	-a-	
HISS-53	641	1150	2.0 - 3.0	< 11.0 ± 0.0	1.5 ± 0.5	1.1 ± 0.9	1.5 ± 0.6	
HISS-53	641	1150	3.0 - 4.0	< 7.0 ± 0.0	1.4 ± 0.6	1.2 ± 0.8	1.0 ± 0.4	
HISS-53	641	1150	4.0 - 5.0	< 9.0 ± 0.0	1.6 ± 0.5	2.0 ± 1.0	3.0 ± 0.7	
HISS-53	641	1150	5.0 - 6.0	< 9.0 ± 0.0	0.9 ± 0.8	2.0 ± 1.0	-a-	
HISS-53	641	1150	6.0 - 7.0	< 7.0 ± 0.0	1.5 ± 0.5	1.1 ± 0.7	-a-	
HISS-53	641	1150	7.0 - 8.0	< 8.0 ± 0.0	1.3 ± 0.4	2.1 ± 0.8	-a-	
HISS-53	641	1150	8.0 - 9.0	< 5.0 ± 0.0	0.9 ± 0.4	1.3 ± 0.7	-a-	
HISS-53	641	1150	9.0 - 10.0	< 7.0 ± 0.0	0.7 ± 0.5	0.9 ± 0.6	-a-	
B53C32	650	1100	1.0 - 2.0	19.0 ± 9.0	10.0 ± 2.0	< 1.0 ± 0.0	500.0 ± 10.0	*
B53C32	650	1100	2.0 - 3.0	< 10.0 ± 0.0	3.2 ± 0.8	3.0 ± 1.0	-a-	
B53C32	650	1100	3.0 - 4.0	< 10.0 ± 0.0	2.6 ± 0.7	2.0 ± 1.0	-a-	
B53C32	650	1100	4.0 - 5.0	< 7.0 ± 0.0	1.2 ± 0.6	1.0 ± 1.0	-a-	
B53C32	650	1100	5.0 - 6.0	< 8.0 ± 0.0	1.6 ± 0.5	2.6 ± 0.8	0.9 ± 0.7	
B53C32	650	1100	6.0 - 7.0	< 4.0 ± 0.0	0.6 ± 0.3	< 1.0 ± 0.0	-a-	
B53C32	650	1100	7.0 - 8.0	< 5.0 ± 0.0	1.6 ± 0.5	< 1.0 ± 0.0	-a-	
B53C32	650	1100	8.0 - 9.0	< 10.0 ± 0.0	2.1 ± 0.6	2.0 ± 1.0	-a-	
B53C32	650	1100	11.0 - 12.0	< 5.0 ± 0.0	0.8 ± 0.5	1.1 ± 0.7	2.2 ± 1.4	
B53C32	650	1100	12.0 - 13.0	< 4.0 ± 0.0	1.8 ± 0.5	1.7 ± 0.7	-a-	
B53C32	650	1100	13.0 - 14.0	< 8.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	-a-	
B53C32	650	1100	14.0 - 15.0	< 6.0 ± 0.0	1.3 ± 0.5	1.6 ± 0.7	-a-	
HISS-49	650	1200	1.0 - 2.0	< 19.0 ± 0.0	2.3 ± 0.9	5.0 ± 2.0	9.0 ± 2.0	
HISS-49	650	1200	2.0 - 3.0	< 7.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	-a-	
HISS-49	650	1200	3.0 - 4.0	< 9.0 ± 0.0	0.6 ± 0.6	1.2 ± 0.8	-a-	
HISS-49	650	1200	4.0 - 5.0	< 10.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	0.8 ± 0.6	
HISS-49	650	1200	5.0 - 6.0	< 20.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	-a-	
HISS-49	650	1200	6.0 - 7.0	< 12.0 ± 0.0	0.8 ± 0.7	2.0 ± 1.0	0.9 ± 0.6	

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HISS-49	650	1200	7.0 - 8.0	< 7.0 ± 0.0	1.5 ± 0.6	1.9 ± 0.8	0.9 ± 0.6
HISS-49	650	1200	8.0 - 9.0	< 6.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.8	-a-
HISS-49	650	1200	9.0 - 10.0	< 8.0 ± 0.0	1.1 ± 0.5	3.0 ± 1.0	-a-
HISS-43	650	1291	0.0 - 1.0	< 26.0 ± 0.0	3.0 ± 2.0	2.0 ± 2.0	37.0 ± 3.0 *
HISS-43	650	1291	1.0 - 2.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	1.6 ± 0.6
HISS-43	650	1291	2.0 - 3.0	< 6.0 ± 0.0	1.3 ± 0.5	1.0 ± 0.7	-a-
HISS-43	650	1291	3.0 - 4.0	< 9.0 ± 0.0	2.2 ± 0.7	2.0 ± 0.9	-a-
HISS-43	650	1291	4.0 - 5.0	< 8.0 ± 0.0	1.1 ± 0.5	1.6 ± 0.8	-a-
HISS-43	650	1291	5.0 - 6.0	< 6.0 ± 0.0	0.9 ± 0.5	1.3 ± 0.7	-a-
HISS-43	650	1291	6.0 - 7.0	< 8.0 ± 0.0	1.0 ± 0.4	2.1 ± 0.8	-a-
HISS-43	650	1291	7.0 - 8.0	< 7.0 ± 0.0	1.0 ± 0.4	1.0 ± 0.6	-a-
HISS-43	650	1291	8.0 - 9.0	< 6.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.7	-a-
HISS-43	650	1291	9.0 - 10.0	< 11.0 ± 0.0	2.0 ± 0.8	3.0 ± 1.0	-a-
HISS-38	650	1365	0.0 - 1.0	16.0 ± 10.0	8.0 ± 2.0	< 1.0 ± 0.0	-a-
HISS-38	650	1365	1.0 - 2.0	< 8.0 ± 0.0	1.5 ± 0.6	1.8 ± 0.9	6.5 ± 1.1
HISS-38	650	1365	2.0 - 3.0	< 11.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.8	1.3 ± 0.4
HISS-38	650	1365	3.0 - 4.0	< 6.0 ± 0.0	1.0 ± 0.5	1.0 ± 0.7	-a-
HISS-38	650	1365	4.0 - 5.0	< 8.0 ± 0.0	1.7 ± 0.5	2.0 ± 0.7	-a-
HISS-38	650	1365	5.0 - 6.0	< 9.0 ± 0.0	1.1 ± 0.6	1.0 ± 0.9	-a-
HISS-38	650	1365	6.0 - 7.0	< 5.0 ± 0.0	0.9 ± 0.5	1.1 ± 0.6	-a-
HISS-38	650	1365	7.0 - 8.0	< 9.0 ± 0.0	1.2 ± 0.5	3.0 ± 1.0	-a-
HISS-38	650	1365	8.0 - 9.0	< 7.0 ± 0.0	0.8 ± 0.5	< 1.0 ± 0.0	-a-
HISS-38	650	1365	9.0 - 10.0	< 12.0 ± 0.0	1.8 ± 0.6	0.8 ± 0.7	-a-
HISS-60	661	1059	0.0 - 1.0	< 6.0 ± 0.0	1.7 ± 0.7	1.3 ± 0.8	-a-
HISS-60	661	1059	1.0 - 2.0	< 10.0 ± 0.0	2.9 ± 0.8	4.0 ± 1.0	47.0 ± 5.0 *
HISS-60	661	1059	2.0 - 3.0	< 6.0 ± 0.0	0.7 ± 0.5	1.3 ± 0.8	-a-
HISS-60	661	1059	3.0 - 4.0	< 10.0 ± 0.0	0.8 ± 0.5	0.8 ± 0.8	-a-
HISS-60	661	1059	4.0 - 5.0	< 11.0 ± 0.0	1.4 ± 0.5	1.6 ± 0.8	2.2 ± 0.5
HISS-60	661	1059	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.5	0.8 ± 0.8	1.8 ± 0.7

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-60	661	1059	6.0 - 7.0	< 8.0 ± 0.0	2.0 ± 0.5	1.6 ± 0.7	1.8 ± 0.7
HISS-60	661	1059	7.0 - 8.0	< 5.0 ± 0.0	1.1 ± 0.6	1.3 ± 0.8	-a-
HISS-60	661	1059	8.0 - 9.0	< 9.0 ± 0.0	1.8 ± 0.6	2.5 ± 0.9	-a-
HISS-60	661	1059	9.0 - 10.0	< 24.0 ± 0.0	3.0 ± 2.0	5.0 ± 3.0	-a-
HISS-54	700	1150	0.0 - 1.0	< 35.0 ± 0.0	4.0 ± 2.0	2.0 ± 2.0	-a-
HISS-54	700	1150	1.0 - 2.0	< 5.0 ± 0.0	1.0 ± 0.5	2.1 ± 0.8	6.8 ± 0.9
HISS-54	700	1150	2.0 - 3.0	< 10.0 ± 0.0	1.8 ± 0.6	3.0 ± 1.0	-a-
HISS-54	700	1150	3.0 - 4.0	< 7.0 ± 0.0	2.3 ± 0.7	1.1 ± 0.8	-a-
HISS-54	700	1150	4.0 - 5.0	< 4.0 ± 0.0	1.5 ± 0.6	2.0 ± 0.8	3.5 ± 0.6
HISS-54	700	1150	5.0 - 6.0	< 10.0 ± 0.0	2.7 ± 0.8	3.0 ± 1.0	-a-
HISS-54	700	1150	6.0 - 7.0	< 6.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.8	1.3 ± 1.1
HISS-54	700	1150	7.0 - 8.0	< 8.0 ± 0.0	1.2 ± 0.6	1.7 ± 0.8	-a-
HISS-54	700	1150	8.0 - 9.0	< 8.0 ± 0.0	1.9 ± 0.6	2.1 ± 0.8	-a-
HISS-47	700	1250	1.0 - 2.0	< 7.0 ± 0.0	1.3 ± 0.6	3.0 ± 1.0	2.1 ± 0.9
HISS-47	700	1250	2.0 - 3.0	< 6.0 ± 0.0	1.9 ± 0.7	1.8 ± 0.9	-a-
HISS-47	700	1250	3.0 - 4.0	< 12.0 ± 0.0	1.8 ± 0.9	2.0 ± 1.0	-a-
HISS-47	700	1250	4.0 - 5.0	< 6.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.8	1.1 ± 0.4
HISS-47	700	1250	5.0 - 6.0	< 15.0 ± 0.0	2.6 ± 0.9	3.0 ± 1.0	-a-
HISS-47	700	1250	6.0 - 7.0	< 4.0 ± 0.0	1.1 ± 0.5	1.1 ± 0.7	1.1 ± 0.6
HISS-47	700	1250	7.0 - 8.0	< 6.0 ± 0.0	2.0 ± 0.6	2.0 ± 0.7	-a-
HISS-47	700	1250	8.0 - 9.0	< 9.0 ± 0.0	1.6 ± 0.6	1.4 ± 0.8	-a-
HISS-47	700	1250	9.0 - 10.0	< 4.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	-a-
HISS-50	723	1204	1.0 - 2.0	< 7.0 ± 0.0	2.0 ± 0.6	1.1 ± 0.7	17.0 ± 1.0 *
HISS-50	723	1204	2.0 - 3.0	< 9.0 ± 0.0	1.4 ± 0.5	1.2 ± 0.6	-a-
HISS-50	723	1204	3.0 - 4.0	< 5.0 ± 0.0	1.7 ± 0.6	1.5 ± 0.8	-a-
HISS-50	723	1204	4.0 - 5.0	< 9.0 ± 0.0	1.2 ± 0.5	2.4 ± 0.9	1.4 ± 0.5
HISS-50	723	1204	5.0 - 6.0	< 9.0 ± 0.0	1.7 ± 0.5	3.4 ± 0.9	1.7 ± 0.6
HISS-50	723	1204	6.0 - 7.0	< 5.0 ± 0.0	1.1 ± 0.6	2.0 ± 0.9	-a-
HISS-50	723	1204	7.0 - 8.0	< 5.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.7	-a-

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
HISS-50	723	1204	8.0 - 9.0	< 9.0 ± 0.0	2.1 ± 0.6	< 1.0 ± 0.0	-a-
HISS-50	723	1204	9.0 - 10.0	< 7.0 ± 0.0	1.2 ± 0.7	1.2 ± 1.0	-a-

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Table 3-25 Historic Sampling Data
Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	550	1988	0.0 - 1.5	48.2 ± 0.6	39.9 ± 1.3	< 2.3 ± 0.0	6.8 ± 0.7 *
	550	1988	1.5 - 3.0	< 15.7 ± 0.0	0.9 ± 0.1	1.3 ± 0.4	1.2 ± 0.3
	550	1988	3.0 - 4.0	< 11.9 ± 0.0	0.8 ± 0.1	1.3 ± 0.1	1.0 ± 0.3
	550	1988	4.0 - 5.0	< 14.0 ± 0.0	0.7 ± 0.1	0.7 ± 0.3	1.3 ± 0.6
	550	1988	5.0 - 6.0	< 13.0 ± 0.0	0.8 ± 0.3	1.0 ± 0.2	1.1 ± 0.5
	550	1988	6.0 - 7.0	< 17.8 ± 0.0	0.6 ± 0.2	1.4 ± 0.6	0.7 ± 0.2
	550	1988	7.0 - 8.0	< 17.1 ± 0.0	0.8 ± 0.1	0.9 ± 0.4	1.0 ± 0.2
	550	1988	8.0 - 9.0	< 13.6 ± 0.0	1.1 ± 0.1	1.2 ± 0.4	1.3 ± 0.3
	550	1988	9.0 - 10.0	< 15.4 ± 0.0	0.9 ± 0.1	1.7 ± 0.3	1.2 ± 0.3
	550	2012	0.0 - 1.0	< 17.6 ± 0.0	1.1 ± 0.1	< 1.2 ± 0.0	5.0 ± 1.2
	550	2012	1.0 - 2.0	< 17.8 ± 0.0	1.1 ± 0.1	0.6 ± 0.2	3.9 ± 0.5
	550	2012	2.0 - 3.0	< 16.9 ± 0.0	1.1 ± 0.2	0.6 ± 0.4	3.8 ± 0.5
	550	2012	3.0 - 4.0	< 20.5 ± 0.0	1.2 ± 0.3	< 1.4 ± 0.0	1.1 ± 0.5
	550	2012	4.0 - 5.0	< 16.5 ± 0.0	1.6 ± 0.2	< 1.1 ± 0.0	2.2 ± 0.4
	550	2012	5.0 - 6.0	< 14.1 ± 0.0	0.9 ± 0.2	< 0.9 ± 0.0	1.8 ± 0.4
	550	2012	6.0 - 7.0	< 16.8 ± 0.0	0.8 ± 0.2	1.2 ± 0.4	1.3 ± 0.3
	550	2012	7.0 - 8.0	< 20.7 ± 0.0	0.7 ± 0.1	1.5 ± 0.3	1.0 ± 0.5
	550	2012	8.0 - 9.0	< 17.6 ± 0.0	1.1 ± 0.1	1.4 ± 0.1	1.1 ± 0.3
	550	2012	9.0 - 10.0	< 16.9 ± 0.0	0.9 ± 0.1	0.9 ± 0.1	1.1 ± 0.3
	600	2000	0.0 - 1.0	14.0 ± 0.0	1.5 ± 0.1	0.5 ± 0.4	3.7 ± 0.7
	600	2000	1.0 - 2.0	< 17.0 ± 0.0	1.9 ± 0.1	0.4 ± 0.3	0.9 ± 0.6
	600	2000	2.0 - 3.0	< 17.2 ± 0.0	1.5 ± 0.4	1.4 ± 0.5	1.3 ± 0.4
	600	2000	3.0 - 4.0	< 17.8 ± 0.0	1.0 ± 0.1	1.3 ± 0.2	1.5 ± 0.4

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

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Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	600	2000	4.0 - 5.0	< 16.7 ± 0.0	0.9 ± 0.1	1.1 ± 0.3	1.0 ± 0.2
	600	2000	5.0 - 6.0	< 18.1 ± 0.0	0.9 ± 0.3	1.8 ± 0.4	1.3 ± 0.6
	600	2000	6.0 - 7.0	19.1 ± 0.0	0.9 ± 0.1	1.4 ± 0.2	1.0 ± 0.2
	600	2000	7.0 - 8.0	< 17.0 ± 0.0	0.8 ± 0.1	1.4 ± 0.2	1.2 ± 0.4
	600	2000	8.0 - 9.0	< 16.6 ± 0.0	0.8 ± 0.3	1.5 ± 0.3	1.6 ± 0.5
	600	2000	9.0 - 10.0	< 17.1 ± 0.0	0.8 ± 0.1	1.5 ± 0.2	1.2 ± 0.3
	650	1988	0.0 - 2.0	< 18.9 ± 0.0	1.7 ± 0.3	1.3 ± 0.5	3.4 ± 0.5
	650	1988	2.0 - 3.0	< 15.3 ± 0.0	0.9 ± 0.2	0.9 ± 0.5	1.0 ± 0.4
	650	1988	3.0 - 4.0	< 20.9 ± 0.0	1.1 ± 0.3	1.4 ± 0.1	1.4 ± 0.7
	650	1988	4.0 - 5.0	< 15.3 ± 0.0	0.8 ± 0.1	1.1 ± 0.3	1.1 ± 0.3
	650	1988	5.0 - 6.0	< 17.1 ± 0.0	0.8 ± 0.1	1.5 ± 0.6	1.1 ± 0.4
	650	1988	6.0 - 7.0	< 15.4 ± 0.0	1.0 ± 0.2	1.1 ± 0.3	0.8 ± 0.2
	650	1988	7.0 - 8.0	< 20.3 ± 0.0	0.8 ± 0.2	1.7 ± 0.1	1.4 ± 0.6
	650	1988	8.0 - 9.0	< 15.3 ± 0.0	0.8 ± 0.2	1.6 ± 0.3	1.5 ± 0.5
	650	1988	9.0 - 10.0	< 13.6 ± 0.0	0.9 ± 0.2	1.1 ± 0.4	1.1 ± 0.3
	650	2012	0.0 - 2.0	< 21.0 ± 0.0	0.9 ± 0.1	1.3 ± 0.4	4.3 ± 0.7
	650	2012	2.0 - 3.0	< 23.4 ± 0.0	1.1 ± 0.3	1.7 ± 0.3	1.2 ± 0.4
	650	2012	3.0 - 4.0	< 19.6 ± 0.0	1.1 ± 0.2	0.9 ± 0.6	1.0 ± 0.2
	650	2012	4.0 - 5.0	< 18.1 ± 0.0	0.7 ± 0.2	2.2 ± 0.7	0.9 ± 0.3
	650	2012	5.0 - 6.0	< 21.7 ± 0.0	1.2 ± 0.2	1.3 ± 0.1	1.5 ± 0.7
	650	2012	6.0 - 7.0	< 17.8 ± 0.0	0.9 ± 0.1	0.9 ± 0.3	0.9 ± 0.3
	650	2012	7.0 - 8.0	< 15.0 ± 0.0	0.6 ± 0.2	1.3 ± 0.4	1.0 ± 0.6
	650	2012	8.0 - 9.0	< 17.6 ± 0.0	0.8 ± 0.1	1.4 ± 0.4	1.2 ± 0.3
	650	2012	9.0 - 10.0	< 17.0 ± 0.0	0.8 ± 0.2	1.5 ± 0.2	0.9 ± 0.4
	700	2000	0.0 - 1.0	< 14.9 ± 0.0	1.3 ± 0.1	< 1.1 ± 0.0	13.0 ± 1.0
	700	2000	1.0 - 2.0	< 20.0 ± 0.0	1.2 ± 0.2	1.0 ± 0.4	3.6 ± 0.6
	700	2000	2.0 - 3.0	< 18.9 ± 0.0	0.9 ± 0.1	1.7 ± 0.3	1.1 ± 0.3
	700	2000	3.0 - 4.0	< 17.8 ± 0.0	0.7 ± 0.1	1.3 ± 0.3	1.1 ± 0.3
	700	2000	4.0 - 5.0	< 20.0 ± 0.0	1.5 ± 0.1	1.7 ± 0.7	1.1 ± 0.3

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	700	2000	5.0 - 6.0	< 10.4 ± 0.0	< 2.0 ± 0.0	< 3.2 ± 0.0	1.4 ± 0.4	
	700	2000	6.0 - 7.0	< 10.0 ± 0.0	< 1.6 ± 0.0	< 1.5 ± 0.0	1.5 ± 0.5	
	700	2000	7.0 - 8.0	< 10.7 ± 0.0	< 1.7 ± 0.0	2.5 ± 1.4	1.3 ± 0.5	
	700	2000	8.0 - 9.0	< 11.0 ± 0.0	1.2 ± 0.4	< 2.6 ± 0.0	1.2 ± 0.4	
	700	2000	9.0 - 10.0	< 14.6 ± 0.0	0.9 ± 0.2	0.8 ± 0.1	1.4 ± 0.7	
	750	1988	0.0 - 3.0	< 11.5 ± 0.0	1.3 ± 0.1	< 1.1 ± 0.0	6.6 ± 0.9	
	750	1988	3.0 - 4.0	< 15.2 ± 0.0	0.9 ± 0.3	1.0 ± 0.2	1.0 ± 0.1	
	750	1988	4.0 - 5.0	< 16.1 ± 0.0	0.8 ± 0.1	1.3 ± 0.2	1.3 ± 0.5	
	750	1988	5.0 - 6.0	< 21.6 ± 0.0	0.9 ± 0.3	1.9 ± 0.3	1.6 ± 0.8	
	750	1988	6.0 - 7.0	< 21.5 ± 0.0	1.1 ± 0.3	1.9 ± 0.6	1.5 ± 0.2	
	750	1988	7.0 - 8.0	< 17.2 ± 0.0	1.2 ± 0.2	1.9 ± 0.4	1.1 ± 0.1	
	750	1988	8.0 - 9.0	< 22.0 ± 0.0	1.6 ± 0.7	1.1 ± 0.4	0.9 ± 0.3	
	750	1988	9.0 - 10.0	< 17.6 ± 0.0	0.8 ± 0.1	1.5 ± 0.1	1.7 ± 0.7	
	750	2000	0.0 - 1.0	-a-	-a-	-a-	23.0 ± 3.0	*
	750	2012	0.0 - 1.0	< 18.3 ± 0.0	1.2 ± 0.5	0.8 ± 0.4	1.9 ± 0.4	
	750	2012	1.0 - 2.0	< 10.4 ± 0.0	< 1.6 ± 0.0	< 2.7 ± 0.0	1.4 ± 0.4	
	750	2012	2.0 - 3.0	< 13.6 ± 0.0	1.1 ± 0.3	0.9 ± 0.1	1.7 ± 0.6	
	750	2012	3.0 - 4.0	< 17.8 ± 0.0	0.7 ± 0.1	0.9 ± 0.1	1.4 ± 0.8	
	750	2012	4.0 - 5.0	< 8.3 ± 0.0	1.0 ± 0.6	< 3.2 ± 0.0	1.1 ± 0.3	
	750	2012	5.0 - 6.0	< 20.5 ± 0.0	1.0 ± 0.1	0.8 ± 0.3	1.1 ± 0.3	
	750	2012	6.0 - 7.0	< 9.8 ± 0.0	1.8 ± 0.1	< 3.0 ± 0.0	1.1 ± 0.4	
	750	2012	7.0 - 8.0	< 16.5 ± 0.0	1.1 ± 0.1	1.8 ± 0.8	1.0 ± 0.5	
	750	2012	8.0 - 9.0	< 10.5 ± 0.0	< 1.4 ± 0.0	< 3.0 ± 0.0	1.1 ± 0.6	
	750	2012	9.0 - 10.0	< 17.1 ± 0.0	0.6 ± 0.1	1.2 ± 0.5	2.2 ± 0.7	
	764	2024	0.0 - 1.0	-a-	-a-	-a-	3.6 ± 0.5	
	764	2024	4.0 - 5.0	-a-	-a-	-a-	1.3 ± 0.3	
	764	2024	9.0 - 10.0	-a-	-a-	-a-	3.8 ± 0.5	
	764	2024	14.0 - 15.0	-a-	-a-	-a-	1.2 ± 0.3	
	768	2020	0.0 - 1.0	< 13.0 ± 0.0	2.2 ± 0.7	< 1.0 ± 0.0	2.4 ± 0.6	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	768	2020	2.0 - 3.0	< 13.0 ± 0.0	2.2 ± 0.7	< 1.0 ± 0.0	1.0 ± 0.3
	768	2020	4.0 - 5.0	-a-	-a-	-a-	0.8 ± 0.4
	800	2000	0.0 - 1.0	< 9.4 ± 0.0	1.2 ± 0.3	0.9 ± 0.5	16.0 ± 2.0
	800	2000	1.0 - 2.0	< 20.9 ± 0.0	1.9 ± 0.1	< 1.6 ± 0.0	15.0 ± 2.0
	800	2000	2.0 - 3.0	< 8.7 ± 0.0	< 1.5 ± 0.0	< 2.9 ± 0.0	1.1 ± 0.3
	800	2000	3.0 - 4.0	< 9.9 ± 0.0	< 1.6 ± 0.0	< 3.1 ± 0.0	1.2 ± 0.6
	800	2000	4.0 - 5.0	< 15.6 ± 0.0	0.9 ± 0.2	1.2 ± 0.2	1.1 ± 0.3
	800	2000	5.0 - 6.0	< 11.2 ± 0.0	1.9 ± 0.5	< 3.1 ± 0.0	1.1 ± 0.7
	800	2000	6.0 - 7.0	< 21.9 ± 0.0	1.3 ± 0.1	1.9 ± 0.1	1.8 ± 0.4
	800	2000	7.0 - 8.0	< 9.9 ± 0.0	< 1.5 ± 0.0	1.3 ± 0.9	1.3 ± 0.3
	800	2000	8.0 - 9.0	< 20.4 ± 0.0	1.1 ± 0.4	1.3 ± 0.1	2.1 ± 0.9
	800	2000	9.0 - 10.0	< 7.6 ± 0.0	1.5 ± 0.3	1.2 ± 0.9	1.0 ± 0.5
	850	1988	0.0 - 1.0	< 14.8 ± 0.0	1.5 ± 0.2	< 0.9 ± 0.0	4.4 ± 1.0
	850	1988	1.0 - 2.0	< 11.6 ± 0.0	1.2 ± 0.3	< 2.1 ± 0.0	3.4 ± 1.2
	850	1988	2.0 - 3.0	< 16.1 ± 0.0	1.2 ± 0.3	1.1 ± 0.2	2.2 ± 0.8
	850	1988	3.0 - 4.0	< 9.1 ± 0.0	1.3 ± 0.3	< 2.3 ± 0.0	1.4 ± 0.4
	850	1988	4.0 - 5.0	4.7 ± 2.8	1.4 ± 0.1	1.7 ± 0.8	1.0 ± 0.4
	850	1988	5.0 - 6.0	< 15.5 ± 0.0	1.0 ± 0.3	1.0 ± 0.1	1.4 ± 0.3
	850	1988	6.0 - 7.0	< 11.3 ± 0.0	0.8 ± 0.5	< 3.1 ± 0.0	0.9 ± 0.3
	850	1988	7.0 - 8.0	< 17.7 ± 0.0	1.2 ± 0.4	1.6 ± 0.2	1.2 ± 0.3
	850	1988	8.0 - 9.0	< 8.8 ± 0.0	1.3 ± 0.5	1.6 ± 0.7	2.1 ± 0.6
	850	1988	9.0 - 10.0	< 13.5 ± 0.0	0.7 ± 0.2	0.9 ± 0.1	1.0 ± 0.3
	850	2012	0.0 - 1.0	7.6 ± 2.2	1.5 ± 0.5	< 3.2 ± 0.0	8.3 ± 0.8
	850	2012	1.0 - 2.0	< 14.4 ± 0.0	1.0 ± 0.3	< 0.9 ± 0.0	2.6 ± 0.5
	850	2012	2.0 - 3.0	< 13.2 ± 0.0	2.3 ± 0.4	1.6 ± 0.5	1.4 ± 0.6
	850	2012	3.0 - 4.0	< 25.6 ± 0.0	1.2 ± 0.3	2.0 ± 0.3	1.2 ± 0.4
	850	2012	4.0 - 5.0	< 14.3 ± 0.0	1.5 ± 0.6	1.7 ± 0.8	1.1 ± 0.3
	850	2012	5.0 - 6.0	< 15.0 ± 0.0	1.1 ± 0.5	2.9 ± 1.2	1.3 ± 0.4
	850	2012	6.0 - 7.0	< 12.8 ± 0.0	1.1 ± 0.4	1.1 ± 0.9	1.0 ± 0.3

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	850	2012	7.0 - 8.0	< 13.5 ± 0.0	1.5 ± 0.5	< 3.1 ± 0.0	0.9 ± 0.4	
	850	2012	8.0 - 9.0	< 12.1 ± 0.0	1.4 ± 0.6	< 2.5 ± 0.0	1.3 ± 0.4	
	850	2012	9.0 - 10.0	< 10.1 ± 0.0	1.1 ± 0.2	< 2.6 ± 0.0	0.8 ± 0.3	
	850	2018	0.0 - 1.0	-a-	-a-	-a-	5.6 ± 0.6	
	850	2018	5.0 - 6.0	-a-	-a-	-a-	0.9 ± 0.3	
	850	2018	10.0 - 11.0	-a-	-a-	-a-	1.0 ± 0.3	
	900	2000	0.0 - 1.0	< 9.5 ± 0.0	1.9 ± 0.4	< 1.7 ± 0.0	2.1 ± 0.4	
	900	2000	1.0 - 2.0	< 11.8 ± 0.0	1.6 ± 0.6	9.5 ± 2.3	1.6 ± 0.4	
	900	2000	2.0 - 3.0	< 10.1 ± 0.0	0.9 ± 0.7	0.9 ± 0.5	1.4 ± 0.6	
	900	2000	3.0 - 4.0	< 13.7 ± 0.0	1.7 ± 0.7	1.1 ± 0.9	0.6 ± 0.3	
	900	2000	4.0 - 5.0	< 12.8 ± 0.0	2.1 ± 0.4	1.7 ± 0.5	1.3 ± 0.5	
	900	2000	5.0 - 6.0	< 11.8 ± 0.0	1.9 ± 0.4	2.0 ± 0.5	1.5 ± 0.5	
	900	2000	6.0 - 7.0	< 11.6 ± 0.0	0.9 ± 0.5	2.2 ± 0.7	1.3 ± 0.5	
	900	2000	7.0 - 8.0	< 20.0 ± 0.0	1.2 ± 0.1	0.9 ± 0.4	1.1 ± 0.3	
	900	2000	8.0 - 9.0	< 9.8 ± 0.0	< 1.4 ± 0.0	1.1 ± 0.2	1.5 ± 0.7	
	900	2000	9.0 - 10.0	< 12.8 ± 0.0	0.8 ± 0.1	1.1 ± 0.1	0.8 ± 0.3	
	950	1988	0.0 - 1.0	< 14.2 ± 0.0	2.3 ± 0.2	< 3.0 ± 0.0	49.0 ± 2.0	*
	950	1988	1.0 - 2.0	< 15.8 ± 0.0	1.3 ± 0.1	< 1.1 ± 0.0	3.9 ± 0.5	
	950	1988	2.0 - 3.0	< 6.5 ± 0.0	1.2 ± 0.5	1.6 ± 0.4	0.9 ± 0.3	
	950	1988	3.0 - 4.0	< 16.5 ± 0.0	1.1 ± 0.4	1.3 ± 0.1	0.8 ± 0.5	
	950	1988	4.0 - 5.0	< 9.6 ± 0.0	1.3 ± 0.3	1.3 ± 0.5	1.3 ± 0.4	
	950	1988	5.0 - 6.0	< 12.1 ± 0.0	1.6 ± 0.4	2.0 ± 0.8	1.4 ± 0.6	
	950	1988	6.0 - 7.0	< 18.0 ± 0.0	0.9 ± 0.2	1.0 ± 0.3	1.2 ± 0.3	
	950	1988	7.0 - 8.0	< 11.2 ± 0.0	1.0 ± 0.3	1.4 ± 0.1	1.2 ± 0.5	
	950	1988	8.0 - 9.0	3.3 ± 1.1	0.6 ± 0.2	1.3 ± 0.2	1.0 ± 0.3	
	950	1988	9.0 - 10.0	< 9.7 ± 0.0	1.0 ± 0.2	3.0 ± 0.5	0.9 ± 0.4	
	950	2012	0.0 - 1.0	< 18.4 ± 0.0	1.6 ± 0.3	1.3 ± 0.4	5.1 ± 0.8	
	950	2012	1.0 - 2.0	< 11.6 ± 0.0	1.1 ± 0.1	< 3.4 ± 0.0	3.9 ± 0.5	
	950	2012	2.0 - 3.0	8.6 ± 2.8	0.7 ± 0.3	< 0.1 ± 0.0	1.5 ± 0.4	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	950	2012	3.0 - 4.0	< 17.2 ± 0.0	1.1 ± 0.1	1.9 ± 0.1	1.3 ± 0.6	
	950	2012	4.0 - 5.0	< 12.5 ± 0.0	1.0 ± 0.5	< 3.7 ± 0.0	1.2 ± 0.4	
	950	2012	5.0 - 6.0	< 16.1 ± 0.0	0.9 ± 0.1	1.4 ± 0.2	1.3 ± 0.3	
	950	2012	6.0 - 7.0	< 15.0 ± 0.0	0.9 ± 0.1	1.1 ± 0.3	0.8 ± 0.5	
	950	2012	7.0 - 8.0	< 9.8 ± 0.0	1.1 ± 0.1	1.1 ± 0.5	0.9 ± 0.3	
	950	2012	8.0 - 9.0	< 14.6 ± 0.0	0.9 ± 0.2	1.1 ± 0.2	1.1 ± 0.6	
	950	2018	0.0 - 1.0	-a-	-a-	-a-	1.2 ± 0.4	
	950	2018	8.0 - 9.0	-a-	-a-	-a-	2.7 ± 0.5	
	950	2018	14.0 - 15.0	-a-	-a-	-a-	0.9 ± 0.7	
	1002	2000	0.0 - 1.0	< 12.4 ± 0.0	2.3 ± 0.7	< 2.3 ± 0.0	48.0 ± 2.0	*
	1002	2000	1.0 - 2.0	4.2 ± 2.8	2.0 ± 0.7	1.5 ± 0.9	7.1 ± 0.8	
	1002	2000	2.0 - 3.0	< 17.6 ± 0.0	1.3 ± 0.2	1.2 ± 0.5	1.4 ± 0.3	
	1002	2000	3.0 - 4.0	< 15.0 ± 0.0	2.0 ± 0.5	1.6 ± 0.7	1.3 ± 0.4	
	1002	2000	4.0 - 5.0	< 19.4 ± 0.0	1.3 ± 0.1	< 1.7 ± 0.0	1.3 ± 0.4	
	1002	2000	5.0 - 6.0	< 15.0 ± 0.0	1.2 ± 0.2	1.2 ± 0.2	1.2 ± 0.3	
	1002	2000	6.0 - 7.0	< 13.9 ± 0.0	1.2 ± 0.3	2.2 ± 0.7	1.3 ± 0.3	
	1002	2000	7.0 - 8.0	< 19.7 ± 0.0	1.2 ± 0.2	2.0 ± 0.3	1.0 ± 0.4	
	1002	2000	8.0 - 9.0	< 10.8 ± 0.0	1.0 ± 0.5	1.4 ± 0.5	1.3 ± 0.4	
	1002	2000	9.0 - 10.0	< 19.3 ± 0.0	1.3 ± 0.3	2.2 ± 0.3	1.2 ± 0.3	
	1050	1988	0.0 - 1.0	< 12.4 ± 0.0	1.9 ± 0.3	< 2.4 ± 0.0	69.0 ± 3.0	*
	1050	1988	1.0 - 2.0	< 9.8 ± 0.0	1.7 ± 0.1	1.1 ± 0.3	5.1 ± 0.9	
	1050	1988	2.0 - 3.0	< 16.3 ± 0.0	0.8 ± 0.2	1.3 ± 0.4	1.8 ± 0.6	
	1050	1988	3.0 - 4.0	< 10.7 ± 0.0	0.9 ± 0.1	< 2.8 ± 0.0	1.3 ± 0.5	
	1050	1988	4.0 - 5.0	< 15.1 ± 0.0	0.9 ± 0.1	1.6 ± 0.1	1.5 ± 0.4	
	1050	1988	5.0 - 6.0	< 12.4 ± 0.0	0.9 ± 0.1	< 2.1 ± 0.0	1.2 ± 0.3	
	1050	1988	6.0 - 7.0	< 17.1 ± 0.0	1.3 ± 0.5	1.2 ± 0.1	1.4 ± 0.4	
	1050	1988	7.0 - 8.0	< 9.7 ± 0.0	0.9 ± 0.5	1.5 ± 0.4	1.2 ± 0.4	
	1050	1988	8.0 - 9.0	< 14.5 ± 0.0	1.0 ± 0.1	1.2 ± 0.2	1.4 ± 0.3	
	1050	1988	9.0 - 10.0	< 20.0 ± 0.0	1.8 ± 0.5	1.3 ± 0.6	0.8 ± 0.3	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1050	2012	0.0 - 1.0	< 13.7 ± 0.0	< 1.9 ± 0.0	< 0.6 ± 0.0	14.0 ± 1.0	
	1050	2012	1.0 - 2.0	< 16.4 ± 0.0	1.1 ± 0.2	0.8 ± 0.2	1.5 ± 0.4	
	1050	2012	2.0 - 3.0	< 18.1 ± 0.0	1.1 ± 0.2	0.9 ± 0.4	1.5 ± 0.4	
	1050	2012	3.0 - 4.0	< 17.8 ± 0.0	0.9 ± 0.3	2.0 ± 0.1	1.4 ± 0.4	
	1050	2012	4.0 - 5.0	< 19.2 ± 0.0	0.9 ± 0.2	1.2 ± 0.3	2.2 ± 0.5	
	1050	2012	5.0 - 6.0	< 14.7 ± 0.0	0.7 ± 0.1	1.2 ± 0.2	1.4 ± 0.6	
	1050	2012	6.0 - 7.0	< 16.6 ± 0.0	1.3 ± 0.5	1.5 ± 0.2	1.1 ± 0.3	
	1050	2012	7.0 - 8.0	< 12.4 ± 0.0	0.6 ± 0.1	0.7 ± 0.1	0.6 ± 0.3	
	1050	2012	8.0 - 9.0	< 17.4 ± 0.0	0.9 ± 0.2	1.4 ± 0.1	1.2 ± 0.5	
	1050	2012	9.0 - 10.0	< 17.7 ± 0.0	1.0 ± 0.2	0.8 ± 0.4	1.4 ± 0.5	
	1050	2018	0.0 - 1.0	< 12.0 ± 0.0	1.4 ± 0.6	2.3 ± 0.9	8.6 ± 1.4	
	1050	2018	3.0 - 4.0	-a-	-a-	-a-	1.9 ± 0.4	
	1050	2018	5.0 - 6.0	-a-	-a-	-a-	2.3 ± 0.4	
	1100	2000	0.0 - 1.0	< 15.0 ± 0.0	2.5 ± 0.6	3.2 ± 0.8	3.1 ± 0.4	
	1100	2000	1.0 - 2.0	< 22.3 ± 0.0	2.0 ± 0.1	1.4 ± 0.1	2.8 ± 0.6	
	1100	2000	2.0 - 3.0	< 10.7 ± 0.0	1.5 ± 0.1	1.5 ± 0.5	1.4 ± 0.4	
	1100	2000	3.0 - 4.0	< 18.1 ± 0.0	0.6 ± 0.1	1.5 ± 0.1	1.0 ± 0.3	
	1100	2000	4.0 - 5.0	< 12.4 ± 0.0	1.7 ± 0.5	< 3.4 ± 0.0	0.6 ± 0.4	
	1100	2000	5.0 - 6.0	< 16.1 ± 0.0	1.3 ± 0.2	1.1 ± 0.2	0.9 ± 0.5	
	1100	2000	6.0 - 7.0	< 9.3 ± 0.0	1.0 ± 0.1	< 2.8 ± 0.0	0.8 ± 0.5	
	1100	2000	7.0 - 8.0	< 14.5 ± 0.0	0.7 ± 0.2	0.6 ± 0.3	< 0.3 ± 0.0	
	1100	2000	8.0 - 9.0	< 15.0 ± 0.0	0.8 ± 0.1	1.2 ± 0.2	0.8 ± 0.3	
	1100	2000	9.0 - 10.0	< 11.2 ± 0.0	1.5 ± 0.1	1.1 ± 0.1	0.8 ± 0.6	
	1143	2020	0.0 - 1.0	-a-	-a-	-a-	3.2 ± 0.8	
	1143	2020	2.0 - 3.0	-a-	-a-	-a-	2.8 ± 0.4	
	1143	2020	4.0 - 5.0	-a-	-a-	-a-	11.0 ± 1.0	
	1150	1988	0.0 - 1.0	< 15.5 ± 0.0	1.7 ± 0.3	< 1.0 ± 0.0	18.0 ± 1.0	*
	1150	1988	1.0 - 2.0	< 14.4 ± 0.0	3.2 ± 0.6	< 3.2 ± 0.0	1.6 ± 0.5	
	1150	1988	2.0 - 3.0	< 18.5 ± 0.0	1.3 ± 0.1	1.4 ± 0.1	0.8 ± 0.5	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1150	1988	3.0 - 4.0	7.4 ± 5.7	1.8 ± 0.5	< 2.3 ± 0.0	0.8 ± 0.4	
	1150	1988	4.0 - 5.0	< 21.2 ± 0.0	1.5 ± 0.3	1.5 ± 0.2	1.1 ± 0.4	
	1150	1988	5.0 - 6.0	< 13.8 ± 0.0	1.7 ± 0.2	1.7 ± 1.2	1.1 ± 0.3	
	1150	1988	6.0 - 7.0	< 16.3 ± 0.0	1.1 ± 0.1	1.5 ± 0.1	4.5 ± 1.8	
	1150	1988	7.0 - 8.0	< 18.1 ± 0.0	1.1 ± 0.2	1.3 ± 0.4	0.9 ± 0.3	
	1150	1988	8.0 - 9.0	< 16.3 ± 0.0	1.3 ± 0.1	1.2 ± 0.1	1.0 ± 0.3	
	1150	1988	9.0 - 10.0	< 16.6 ± 0.0	1.3 ± 0.2	1.3 ± 0.1	0.9 ± 0.3	
	1150	2012	0.0 - 1.0	< 15.6 ± 0.0	1.4 ± 0.4	< 0.8 ± 0.0	25.0 ± 1.0	*
	1150	2012	1.0 - 2.0	< 20.0 ± 0.0	1.0 ± 0.3	1.3 ± 0.6	2.5 ± 0.5	
	1150	2012	2.0 - 3.0	< 15.7 ± 0.0	0.9 ± 0.1	0.9 ± 0.1	1.0 ± 0.6	
	1150	2012	3.0 - 4.0	< 15.5 ± 0.0	0.9 ± 0.5	1.4 ± 0.2	1.2 ± 0.4	
	1150	2012	4.0 - 5.0	< 17.3 ± 0.0	0.8 ± 0.1	1.5 ± 0.3	1.3 ± 0.8	
	1150	2012	5.0 - 6.0	< 16.9 ± 0.0	0.9 ± 0.3	1.0 ± 0.3	1.4 ± 0.3	
	1150	2012	6.0 - 7.0	< 17.2 ± 0.0	0.9 ± 0.1	1.8 ± 0.2	1.6 ± 0.9	
	1150	2012	7.0 - 8.0	< 15.8 ± 0.0	1.2 ± 0.3	1.1 ± 0.5	0.6 ± 0.3	
	1150	2012	8.0 - 9.0	< 14.9 ± 0.0	1.0 ± 0.2	1.1 ± 0.5	< 0.6 ± 0.0	
	1150	2012	9.0 - 10.0	< 19.9 ± 0.0	1.8 ± 0.1	1.4 ± 0.2	1.0 ± 0.3	
	1200	2000	0.0 - 1.0	< 14.6 ± 0.0	1.1 ± 0.1	< 1.2 ± 0.0	2.6 ± 1.0	
	1200	2000	1.0 - 2.0	< 24.4 ± 0.0	1.7 ± 0.2	2.5 ± 0.4	1.4 ± 0.6	
	1200	2000	2.0 - 3.0	< 22.2 ± 0.0	1.2 ± 0.3	1.4 ± 0.3	1.1 ± 0.6	
	1200	2000	3.0 - 4.0	< 21.0 ± 0.0	0.8 ± 0.5	2.1 ± 0.5	2.0 ± 1.1	
	1200	2000	4.0 - 5.0	< 19.2 ± 0.0	1.7 ± 0.7	1.5 ± 0.7	1.1 ± 0.4	
	1200	2000	5.0 - 6.0	< 17.6 ± 0.0	1.6 ± 0.2	1.4 ± 0.5	1.2 ± 0.6	
	1200	2000	6.0 - 7.0	< 16.2 ± 0.0	0.8 ± 0.1	1.2 ± 0.2	1.5 ± 0.6	
	1200	2000	7.0 - 8.0	< 14.4 ± 0.0	1.1 ± 0.1	1.2 ± 0.4	1.4 ± 0.4	
	1200	2000	8.0 - 9.0	< 11.4 ± 0.0	1.3 ± 0.2	1.3 ± 0.4	1.4 ± 1.0	
	1200	2000	9.0 - 10.0	< 18.2 ± 0.0	1.6 ± 0.3	1.2 ± 0.1	0.6 ± 0.3	
	1250	1988	0.0 - 1.0	3.5 ± 2.0	2.0 ± 0.3	< 2.4 ± 0.0	6.0 ± 0.7	
	1250	1988	1.0 - 2.0	< 13.9 ± 0.0	1.3 ± 0.3	< 3.0 ± 0.0	1.8 ± 0.4	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1250	1988	2.0 - 3.0	< 12.2 ± 0.0	1.1 ± 0.1	1.9 ± 0.5	1.1 ± 0.3
	1250	1988	3.0 - 4.0	< 20.0 ± 0.0	1.1 ± 0.1	1.2 ± 0.4	0.6 ± 0.4
	1250	1988	4.0 - 5.0	< 11.8 ± 0.0	1.2 ± 0.1	3.6 ± 1.4	0.8 ± 0.3
	1250	1988	5.0 - 6.0	< 17.6 ± 0.0	0.9 ± 0.1	1.0 ± 0.3	0.9 ± 0.3
	1250	1988	6.0 - 7.0	< 12.2 ± 0.0	1.9 ± 0.1	2.3 ± 0.1	0.6 ± 0.4
	1250	1988	7.0 - 8.0	< 19.2 ± 0.0	0.7 ± 0.2	1.5 ± 0.1	1.2 ± 0.2
	1250	1988	8.0 - 9.0	< 10.8 ± 0.0	1.3 ± 0.4	1.8 ± 0.5	< 0.3 ± 0.0
	1250	1988	9.0 - 10.0	< 16.5 ± 0.0	1.5 ± 0.2	1.4 ± 0.4	0.5 ± 0.2
	1250	2012	0.0 - 1.0	< 12.0 ± 0.0	2.2 ± 0.1	< 2.8 ± 0.0	7.0 ± 1.0
	1250	2012	1.0 - 2.0	< 19.1 ± 0.0	1.3 ± 0.3	1.4 ± 0.4	1.1 ± 0.4
	1250	2012	2.0 - 3.0	< 18.8 ± 0.0	0.8 ± 0.1	1.2 ± 0.3	1.4 ± 0.2
	1250	2012	3.0 - 4.0	< 11.9 ± 0.0	1.5 ± 0.1	1.8 ± 0.7	0.6 ± 0.3
	1250	2012	4.0 - 5.0	< 17.4 ± 0.0	1.1 ± 0.4	1.3 ± 0.2	0.9 ± 0.5
	1250	2012	5.0 - 6.0	< 10.8 ± 0.0	1.1 ± 0.1	1.7 ± 0.1	0.5 ± 0.4
	1250	2012	6.0 - 7.0	< 13.4 ± 0.0	1.4 ± 0.1	0.9 ± 0.8	1.8 ± 0.4
	1250	2012	7.0 - 8.0	< 17.8 ± 0.0	0.9 ± 0.1	1.5 ± 0.2	0.4 ± 0.4
	1250	2012	8.0 - 9.0	< 17.9 ± 0.0	0.8 ± 0.1	1.1 ± 0.1	0.7 ± 0.4
	1250	2012	9.0 - 10.0	< 10.0 ± 0.0	0.9 ± 0.6	1.7 ± 0.6	0.8 ± 0.2
	1250	2020	0.0 - 1.0	< 6.0 ± 0.0	1.6 ± 0.6	1.2 ± 0.8	2.5 ± 0.4
	1250	2020	4.0 - 5.0	-a-	-a-	-a-	2.2 ± 0.3
	1250	2020	14.0 - 15.0	-a-	-a-	-a-	1.1 ± 0.2
	1300	2000	0.0 - 1.0	< 16.7 ± 0.0	1.7 ± 0.2	< 0.7 ± 0.0	11.0 ± 2.0
	1300	2000	1.0 - 2.0	< 9.6 ± 0.0	0.9 ± 0.1	< 3.3 ± 0.0	1.3 ± 0.3
	1300	2000	2.0 - 3.0	< 14.0 ± 0.0	1.4 ± 0.3	2.7 ± 0.8	0.9 ± 0.6
	1300	2000	3.0 - 4.0	< 14.3 ± 0.0	1.4 ± 1.3	2.7 ± 0.7	0.7 ± 0.4
	1300	2000	4.0 - 5.0	< 13.0 ± 0.0	2.0 ± 1.3	3.0 ± 1.1	0.3 ± 0.3
	1300	2000	5.0 - 6.0	8.3 ± 4.1	1.0 ± 0.2	3.9 ± 0.7	0.9 ± 0.3
	1300	2000	6.0 - 7.0	< 10.2 ± 0.0	< 1.9 ± 0.0	< 3.0 ± 0.0	0.6 ± 0.2
	1300	2000	7.0 - 8.0	< 12.9 ± 0.0	1.3 ± 0.4	1.7 ± 0.7	0.7 ± 0.4

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1300	2000	8.0 - 9.0	< 12.6 ± 0.0	1.1 ± 0.3	2.3 ± 1.0	< 0.4 ± 0.0
	1350	1988	0.0 - 1.0	< 11.2 ± 0.0	1.7 ± 0.3	< 2.4 ± 0.0	7.0 ± 1.0
	1350	1988	1.0 - 2.0	< 14.6 ± 0.0	2.5 ± 0.2	1.6 ± 0.1	0.5 ± 0.2
	1350	1988	2.0 - 3.0	< 11.0 ± 0.0	1.4 ± 0.6	2.0 ± 0.9	0.5 ± 0.3
	1350	1988	3.0 - 4.0	< 13.0 ± 0.0	1.4 ± 0.6	1.5 ± 0.9	1.5 ± 0.5
	1350	1988	4.0 - 5.0	< 16.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.9	1.6 ± 0.7
	1350	1988	5.0 - 6.0	< 10.0 ± 0.0	1.4 ± 0.5	1.9 ± 0.8	1.6 ± 0.5
	1350	1988	6.0 - 7.0	< 6.0 ± 0.0	1.4 ± 0.6	1.9 ± 0.8	0.6 ± 0.5
	1350	1988	7.0 - 8.0	< 10.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.8	1.4 ± 0.6
	1350	1988	8.0 - 9.0	< 9.0 ± 0.0	1.1 ± 0.5	1.8 ± 0.8	1.0 ± 0.5
	1350	1988	9.0 - 10.0	< 11.0 ± 0.0	1.1 ± 0.5	1.8 ± 0.7	1.4 ± 0.6
	1350	2012	0.0 - 1.0	< 10.0 ± 0.0	1.9 ± 0.6	< 1.0 ± 0.0	34.0 ± 1.0 *
	1350	2012	1.0 - 2.0	< 16.0 ± 0.0	1.6 ± 0.7	1.2 ± 1.0	4.1 ± 1.3
	1350	2012	2.0 - 3.0	< 11.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	< 0.3 ± 0.0
	1350	2012	3.0 - 4.0	< 5.0 ± 0.0	1.2 ± 0.6	2.0 ± 1.0	1.2 ± 0.4
	1350	2012	4.0 - 5.0	< 11.0 ± 0.0	2.1 ± 0.6	2.1 ± 0.9	1.5 ± 0.4
	1350	2012	5.0 - 6.0	< 11.0 ± 0.0	1.2 ± 0.7	2.0 ± 1.0	0.9 ± 0.4
	1350	2012	6.0 - 7.0	< 5.0 ± 0.0	1.5 ± 0.6	1.8 ± 0.7	0.8 ± 0.6
	1350	2012	7.0 - 8.0	< 10.0 ± 0.0	1.1 ± 0.5	2.1 ± 0.9	1.9 ± 0.4
	1350	2012	8.0 - 9.0	< 4.0 ± 0.0	1.3 ± 0.4	1.0 ± 0.7	0.7 ± 0.5
	1350	2012	9.0 - 10.0	< 9.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.4 ± 0.4
	1350	2024	0.0 - 1.0	< 3.0 ± 0.0	2.1 ± 0.7	3.0 ± 1.0	4.8 ± 0.6
	1350	2024	3.0 - 4.0	-a-	-a-	-a-	3.7 ± 0.5
	1350	2024	6.0 - 7.0	-a-	-a-	-a-	2.0 ± 0.4
	1400	2000	0.0 - 1.0	< 5.0 ± 0.0	1.7 ± 0.6	0.8 ± 0.6	10.0 ± 2.0
	1400	2000	1.0 - 2.0	< 11.0 ± 0.0	1.9 ± 0.6	1.7 ± 0.8	3.3 ± 0.7
	1400	2000	2.0 - 3.0	< 11.0 ± 0.0	1.7 ± 0.6	1.1 ± 0.7	1.4 ± 0.6
	1400	2000	3.0 - 4.0	< 9.0 ± 0.0	1.2 ± 0.6	2.0 ± 1.0	1.3 ± 0.6
	1400	2000	4.0 - 5.0	< 10.0 ± 0.0	1.8 ± 0.6	2.5 ± 0.9	1.3 ± 0.3

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1400	2000	5.0 - 6.0	< 16.0 ± 0.0	1.5 ± 0.6	1.7 ± 0.9	1.5 ± 0.7
	1400	2000	6.0 - 7.0	< 12.0 ± 0.0	1.4 ± 0.7	3.0 ± 1.0	1.3 ± 0.5
	1400	2000	7.0 - 8.0	< 15.0 ± 0.0	0.7 ± 0.5	1.7 ± 0.8	1.5 ± 0.7
	1400	2000	8.0 - 9.0	< 10.0 ± 0.0	1.8 ± 0.6	1.6 ± 0.9	1.3 ± 0.3
	1400	2000	9.0 - 10.0	< 5.0 ± 0.0	0.9 ± 0.4	1.6 ± 0.8	1.1 ± 0.7
	1450	1988	0.0 - 1.0	< 10.0 ± 0.0	2.2 ± 0.6	2.2 ± 0.9	9.4 ± 1.3
	1450	1988	1.0 - 2.0	< 11.0 ± 0.0	1.6 ± 0.7	3.0 ± 1.0	1.5 ± 0.3
	1450	1988	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.6	1.6 ± 0.9	1.5 ± 0.4
	1450	1988	3.0 - 4.0	< 12.0 ± 0.0	2.8 ± 0.8	1.4 ± 0.7	0.9 ± 0.5
	1450	1988	4.0 - 5.0	< 6.0 ± 0.0	1.6 ± 0.6	1.3 ± 0.9	1.2 ± 0.3
	1450	1988	5.0 - 6.0	< 10.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.2 ± 0.3
	1450	1988	6.0 - 7.0	< 6.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.8	1.4 ± 0.7
	1450	1988	7.0 - 8.0	< 11.0 ± 0.0	1.9 ± 0.6	2.0 ± 1.0	1.0 ± 0.3
	1450	1988	8.0 - 9.0	< 5.0 ± 0.0	1.2 ± 0.6	1.0 ± 0.7	1.2 ± 0.5
	1450	1988	9.0 - 10.0	< 11.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.9	1.3 ± 0.3
	1450	2012	0.0 - 1.0	< 9.0 ± 0.0	2.2 ± 0.6	0.8 ± 0.5	37.0 ± 2.0 *
	1450	2012	1.0 - 2.0	-a-	-a-	-a-	4.1 ± 0.8
	1450	2012	2.0 - 3.0	-a-	-a-	-a-	1.5 ± 0.4
	1450	2012	3.0 - 4.0	-a-	-a-	-a-	1.2 ± 0.3
	1450	2012	4.0 - 5.0	-a-	-a-	-a-	1.1 ± 0.6
	1450	2012	5.0 - 6.0	-a-	-a-	-a-	1.1 ± 0.3
	1450	2012	6.0 - 7.0	-a-	-a-	-a-	1.5 ± 0.4
	1450	2012	7.0 - 8.0	-a-	-a-	-a-	2.9 ± 0.5
	1450	2012	8.0 - 9.0	-a-	-a-	-a-	0.8 ± 0.3
	1450	2012	9.0 - 10.0	-a-	-a-	-a-	1.1 ± 0.4
	1450	2024	0.0 - 1.0	< 11.0 ± 0.0	1.2 ± 0.6	2.2 ± 0.8	2.4 ± 0.5
	1450	2024	8.0 - 9.0	-a-	-a-	-a-	2.1 ± 0.4
	1500	2000	0.0 - 1.0	< 6.0 ± 0.0	1.5 ± 0.5	2.0 ± 1.0	1.7 ± 0.7
	1500	2000	1.0 - 2.0	< 11.0 ± 0.0	1.2 ± 0.5	2.0 ± 1.0	1.6 ± 0.5

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1500	2000	2.0 - 3.0	< 10.0 ± 0.0	1.2 ± 0.5	3.0 ± 1.0	1.4 ± 0.7
	1500	2000	3.0 - 4.0	< 9.0 ± 0.0	1.8 ± 0.5	1.3 ± 0.7	1.3 ± 0.3
	1500	2000	4.0 - 5.0	< 11.0 ± 0.0	3.1 ± 0.8	1.4 ± 0.8	1.2 ± 0.3
	1500	2000	5.0 - 6.0	< 4.0 ± 0.0	2.1 ± 0.5	1.4 ± 0.7	1.3 ± 0.3
	1500	2000	6.0 - 7.0	< 7.0 ± 0.0	1.4 ± 0.5	1.2 ± 0.6	1.0 ± 0.3
	1500	2000	7.0 - 8.0	< 10.0 ± 0.0	1.8 ± 0.6	2.2 ± 0.9	1.5 ± 0.4
	1500	2000	8.0 - 9.0	< 5.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.7	1.1 ± 0.3
	1500	2000	9.0 - 10.0	< 6.0 ± 0.0	2.0 ± 0.6	0.8 ± 0.6	7.9 ± 0.8
	1550	1985	0.5 - 1.0	< 11.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.7	4.2 ± 0.7
	1550	1988	0.0 - 1.0	< 11.0 ± 0.0	2.0 ± 0.7	3.0 ± 1.0	1.2 ± 0.4
	1550	1988	1.0 - 2.0	< 9.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	1.2 ± 0.3
	1550	1988	2.0 - 3.0	< 6.0 ± 0.0	1.0 ± 0.6	2.0 ± 1.0	1.4 ± 0.5
	1550	1988	3.0 - 4.0	< 14.0 ± 0.0	1.7 ± 0.7	4.0 ± 1.0	1.5 ± 0.3
	1550	1988	4.0 - 5.0	< 11.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	1.2 ± 0.3
	1550	1988	5.0 - 6.0	< 12.0 ± 0.0	1.1 ± 0.6	1.3 ± 0.8	0.8 ± 0.3
	1550	1988	6.0 - 7.0	< 12.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	0.8 ± 0.3
	1550	1988	7.0 - 8.0	< 6.0 ± 0.0	1.8 ± 0.6	0.9 ± 0.8	0.9 ± 0.2
	1550	1988	8.0 - 9.0	< 10.0 ± 0.0	2.0 ± 0.6	1.7 ± 0.7	2.0 ± 0.6
	1550	1988	9.0 - 10.0	< 12.0 ± 0.0	4.0 ± 1.0	1.5 ± 0.9	3.9 ± 0.6
	1550	2012	1.0 - 2.0	< 11.0 ± 0.0	2.4 ± 0.7	1.9 ± 0.9	2.2 ± 0.7
	1550	2012	2.0 - 3.0	< 6.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.9 ± 0.6
	1550	2012	3.0 - 4.0	< 13.0 ± 0.0	2.5 ± 0.8	0.8 ± 0.6	2.2 ± 0.8
	1550	2012	4.0 - 5.0	< 6.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.8 ± 0.6
	1550	2012	5.0 - 6.0	< 7.0 ± 0.0	0.8 ± 0.5	1.3 ± 0.8	1.3 ± 0.3
	1550	2012	6.0 - 7.0	< 9.0 ± 0.0	1.5 ± 0.5	1.6 ± 0.7	1.7 ± 0.3
	1550	2012	7.0 - 8.0	< 9.0 ± 0.0	1.4 ± 0.6	2.1 ± 0.9	1.3 ± 0.4
	1550	2012	8.0 - 9.0	< 9.0 ± 0.0	2.0 ± 0.6	2.2 ± 0.8	1.3 ± 0.3
	1550	2024	0.0 - 1.0	< 11.0 ± 0.0	1.2 ± 0.6	2.5 ± 1.0	2.4 ± 0.8
	1550	2024	5.0 - 6.0	-a-	-a-	-a-	4.5 ± 0.8

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1550	2024	16.0 - 17.0	-a-	-a-	-a-	1.3 ± 0.6	
	1600	1985	0.5 - 1.0	< 10.0 ± 0.0	1.3 ± 0.6	1.2 ± 0.8	2.9 ± 0.5	
	1600	2000	0.0 - 1.0	< 5.0 ± 0.0	2.9 ± 0.7	< 1.0 ± 0.0	4.2 ± 0.5	
	1600	2000	1.0 - 2.0	< 12.0 ± 0.0	2.4 ± 0.8	4.0 ± 1.0	1.3 ± 0.7	
	1600	2000	2.0 - 3.0	< 14.0 ± 0.0	2.4 ± 0.8	2.0 ± 1.0	1.0 ± 0.3	
	1600	2000	3.0 - 4.0	< 11.0 ± 0.0	2.4 ± 0.7	3.0 ± 1.0	1.3 ± 0.7	
	1600	2000	4.0 - 5.0	< 11.0 ± 0.0	1.9 ± 0.7	3.0 ± 1.0	1.3 ± 0.3	
	1600	2000	5.0 - 6.0	< 10.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	1.0 ± 0.2	
	1600	2000	6.0 - 7.0	< 5.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.8	1.3 ± 0.3	
	1600	2000	7.0 - 8.0	< 10.0 ± 0.0	2.0 ± 0.6	1.6 ± 0.8	1.2 ± 0.4	
	1600	2000	8.0 - 9.0	< 5.0 ± 0.0	1.1 ± 0.5	2.0 ± 0.7	1.1 ± 0.3	
	1600	2000	9.0 - 10.0	< 16.0 ± 0.0	2.6 ± 0.7	2.0 ± 1.0	1.2 ± 0.3	
	1650	1985	0.5 - 1.0	< 11.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	20.0 ± 2.0	*
	1650	1988	0.0 - 1.0	< 14.0 ± 0.0	5.0 ± 1.0	5.0 ± 1.0	2.7 ± 0.6	
	1650	1988	1.0 - 2.0	< 10.0 ± 0.0	2.5 ± 0.7	1.5 ± 0.8	2.4 ± 0.7	
	1650	1988	2.0 - 3.0	< 11.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.1 ± 0.3	
	1650	1988	3.0 - 4.0	< 11.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	1.9 ± 0.7	
	1650	1988	4.0 - 5.0	< 6.0 ± 0.0	1.4 ± 0.5	1.2 ± 0.8	2.0 ± 0.8	
	1650	1988	5.0 - 6.0	< 10.0 ± 0.0	1.2 ± 0.6	1.7 ± 0.9	1.3 ± 0.5	
	1650	1988	6.0 - 7.0	< 11.0 ± 0.0	2.0 ± 0.7	3.0 ± 1.0	1.4 ± 0.6	
	1650	1988	7.0 - 8.0	< 6.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.7	1.3 ± 0.3	
	1650	1988	8.0 - 9.0	< 10.0 ± 0.0	1.1 ± 0.4	< 1.0 ± 0.0	2.1 ± 0.9	
	1650	1988	9.0 - 10.0	< 11.0 ± 0.0	1.9 ± 0.7	2.5 ± 0.9	1.1 ± 0.6	
	1650	2012	0.0 - 1.0	< 6.0 ± 0.0	2.3 ± 0.6	0.8 ± 0.6	37.0 ± 2.0	*
	1650	2012	1.0 - 2.0	< 10.0 ± 0.0	1.2 ± 0.5	2.0 ± 1.0	1.5 ± 0.4	
	1650	2012	2.0 - 3.0	< 6.0 ± 0.0	0.7 ± 0.5	1.2 ± 0.8	0.9 ± 0.4	
	1650	2012	3.0 - 4.0	< 11.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.8	2.2 ± 0.9	
	1650	2012	4.0 - 5.0	< 6.0 ± 0.0	1.2 ± 0.6	3.0 ± 1.0	1.5 ± 0.3	
	1650	2012	5.0 - 6.0	< 10.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.3 ± 0.7	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1650	2012	6.0 - 7.0	< 11.0 ± 0.0	1.4 ± 0.6	1.8 ± 0.9	1.9 ± 0.5
	1650	2012	7.0 - 8.0	< 5.0 ± 0.0	1.3 ± 0.5	1.7 ± 0.7	1.2 ± 0.3
	1650	2012	8.0 - 9.0	< 12.0 ± 0.0	1.7 ± 0.6	1.8 ± 0.8	1.3 ± 0.8
	1650	2012	9.0 - 10.0	< 8.0 ± 0.0	1.0 ± 0.5	1.0 ± 0.6	1.4 ± 0.5
	1650	2024	0.0 - 1.0	< 10.0 ± 0.0	1.7 ± 0.6	0.7 ± 0.6	2.8 ± 0.4
	1650	2024	8.0 - 9.0	-a-	-a-	-a-	8.3 ± 1.2
	1650	2024	16.0 - 17.0	-a-	-a-	-a-	1.0 ± 0.3
	1700	1985	0.5 - 1.0	< 10.0 ± 0.0	1.6 ± 0.5	2.4 ± 0.8	5.5 ± 0.6
	1700	2000	0.0 - 1.0	< 10.0 ± 0.0	1.9 ± 0.5	< 1.0 ± 0.0	4.2 ± 0.9
	1700	2000	1.0 - 2.0	< 6.0 ± 0.0	1.4 ± 0.6	1.6 ± 0.8	0.7 ± 0.4
	1700	2000	2.0 - 3.0	< 12.0 ± 0.0	1.4 ± 0.6	3.0 ± 1.0	1.5 ± 0.6
	1700	2000	3.0 - 4.0	< 6.0 ± 0.0	0.9 ± 0.6	2.1 ± 0.9	1.3 ± 0.3
	1700	2000	4.0 - 5.0	< 12.0 ± 0.0	1.7 ± 0.7	2.0 ± 1.0	1.4 ± 3.0
	1700	2000	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.7	3.0 ± 1.0	1.4 ± 0.8
	1700	2000	6.0 - 7.0	< 9.0 ± 0.0	1.6 ± 0.5	2.0 ± 1.0	1.3 ± 0.3
	1700	2000	7.0 - 8.0	< 5.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	1.5 ± 0.5
	1700	2000	8.0 - 9.0	< 11.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.1 ± 0.4
	1700	2000	9.0 - 10.0	< 9.0 ± 0.0	1.1 ± 0.4	1.0 ± 0.6	1.9 ± 0.4
	1750	1985	0.5 - 1.0	< 11.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	5.4 ± 0.6
	1750	1988	0.0 - 1.0	< 12.0 ± 0.0	2.5 ± 0.7	2.0 ± 1.0	12.0 ± 1.0
	1750	1988	1.0 - 2.0	5.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	1.1 ± 0.7
	1750	1988	2.0 - 3.0	< 13.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.5 ± 0.3
	1750	1988	3.0 - 4.0	< 5.0 ± 0.0	1.5 ± 0.6	2.0 ± 0.9	2.4 ± 0.4
	1750	1988	4.0 - 5.0	< 12.0 ± 0.0	1.2 ± 0.6	3.0 ± 1.0	4.0 ± 0.6
	1750	1988	5.0 - 6.0	< 6.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	1.3 ± 0.4
	1750	1988	6.0 - 7.0	< 9.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	1.4 ± 0.3
	1750	1988	7.0 - 8.0	< 10.0 ± 0.0	2.0 ± 0.7	4.0 ± 1.0	2.0 ± 0.4
	1750	1988	8.0 - 9.0	< 9.0 ± 0.0	1.4 ± 0.6	2.2 ± 0.9	1.3 ± 0.3
	1750	1988	9.0 - 10.0	< 5.0 ± 0.0	1.1 ± 0.5	2.1 ± 0.8	1.1 ± 0.5

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1750	2012	0.0 - 1.0	< 5.0 ± 0.0	1.1 ± 0.6	< 1.0 ± 0.0	17.0 ± 1.0	*
	1750	2012	1.0 - 2.0	< 10.0 ± 0.0	1.6 ± 0.6	2.3 ± 0.8	1.4 ± 0.6	
	1750	2012	2.0 - 3.0	< 10.0 ± 0.0	1.7 ± 0.6	2.3 ± 0.9	1.1 ± 0.4	
	1750	2012	3.0 - 4.0	< 6.0 ± 0.0	1.5 ± 0.6	1.0 ± 0.8	35.0 ± 3.0	*
	1750	2012	4.0 - 5.0	< 10.0 ± 0.0	1.0 ± 0.6	< 1.0 ± 0.0	1.6 ± 0.7	
	1750	2012	5.0 - 6.0	< 9.0 ± 0.0	0.9 ± 0.5	1.3 ± 0.8	0.7 ± 0.4	
	1750	2012	6.0 - 7.0	< 6.0 ± 0.0	0.8 ± 0.6	2.0 ± 1.0	1.4 ± 0.5	
	1750	2012	7.0 - 8.0	< 10.0 ± 0.0	0.8 ± 0.5	1.6 ± 0.7	2.6 ± 0.7	
	1750	2012	8.0 - 9.0	< 13.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.3 ± 0.5	
	1750	2012	9.0 - 10.0	< 9.0 ± 0.0	2.3 ± 0.6	3.0 ± 1.0	1.0 ± 0.4	
	1750	2024	0.0 - 1.0	< 5.0 ± 0.0	1.8 ± 0.6	1.3 ± 0.8	4.0 ± 0.9	
	1750	2024	5.0 - 6.0	-a-	-a-	-a-	3.2 ± 0.7	
	1750	2024	16.0 - 17.0	-a-	-a-	-a-	0.9 ± 0.3	
	1800	1985	0.5 - 1.0	< 10.0 ± 0.0	2.3 ± 0.6	< 1.0 ± 0.0	12.0 ± 1.0	
	1800	2000	0.0 - 1.0	< 13.0 ± 0.0	3.5 ± 0.9	4.0 ± 2.0	66.0 ± 0.3	*
	1800	2000	1.0 - 2.0	< 6.0 ± 0.0	1.8 ± 0.6	1.6 ± 0.9	1.2 ± 0.3	
	1800	2000	2.0 - 3.0	< 15.0 ± 0.0	1.2 ± 0.5	2.0 ± 0.7	1.2 ± 0.5	
	1800	2000	3.0 - 4.0	< 6.0 ± 0.0	0.8 ± 0.5	2.5 ± 0.9	3.0 ± 0.8	
	1800	2000	4.0 - 5.0	< 10.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	1.5 ± 0.4	
	1800	2000	5.0 - 6.0	< 5.0 ± 0.0	0.7 ± 0.6	2.0 ± 1.0	1.2 ± 0.5	
	1800	2000	6.0 - 7.0	< 10.0 ± 0.0	1.2 ± 0.6	1.5 ± 0.8	1.0 ± 0.4	
	1800	2000	7.0 - 8.0	< 4.0 ± 0.0	0.6 ± 0.5	1.7 ± 0.9	4.0 ± 1.0	
	1800	2000	8.0 - 9.0	< 9.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.7	1.0 ± 0.3	
	1800	2000	9.0 - 10.0	< 6.0 ± 0.0	1.4 ± 0.6	1.0 ± 0.9	2.0 ± 0.4	
	1850	1985	0.5 - 1.0	< 11.0 ± 0.0	0.8 ± 0.6	1.7 ± 0.8	12.0 ± 1.0	
	1850	1988	0.0 - 1.0	< 11.0 ± 0.0	2.5 ± 0.7	1.8 ± 0.7	7.9 ± 1.2	
	1850	1988	1.0 - 2.0	< 8.0 ± 0.0	1.0 ± 0.5	1.2 ± 0.7	1.5 ± 0.5	
	1850	1988	2.0 - 3.0	< 14.0 ± 0.0	1.8 ± 0.5	2.1 ± 0.8	1.6 ± 0.6	
	1850	1988	3.0 - 4.0	< 5.0 ± 0.0	1.1 ± 0.5	1.4 ± 0.9	1.8 ± 0.4	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1850	1988	4.0 - 5.0	< 10.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	1.4 ± 0.8	
	1850	1988	5.0 - 6.0	< 5.0 ± 0.0	1.0 ± 0.4	1.8 ± 0.8	1.5 ± 0.4	
	1850	1988	6.0 - 7.0	< 10.0 ± 0.0	1.2 ± 0.7	2.7 ± 0.9	1.3 ± 0.3	
	1850	1988	7.0 - 8.0	< 5.0 ± 0.0	1.4 ± 0.6	1.3 ± 0.8	2.5 ± 0.7	
	1850	1988	8.0 - 9.0	< 10.0 ± 0.0	2.5 ± 0.7	2.5 ± 0.9	1.9 ± 0.7	
	1850	1988	9.0 - 10.0	< 5.0 ± 0.0	0.9 ± 0.6	0.9 ± 0.9	1.3 ± 0.3	
	1850	2012	0.0 - 1.0	< 10.0 ± 0.0	2.2 ± 0.7	1.7 ± 0.8	68.0 ± 3.0	*
	1850	2012	1.0 - 2.0	< 5.0 ± 0.0	1.2 ± 0.4	1.0 ± 0.7	1.1 ± 0.3	
	1850	2012	2.0 - 3.0	< 12.0 ± 0.0	1.4 ± 0.5	3.0 ± 1.0	41.0 ± 2.0	*
	1850	2012	3.0 - 4.0	< 6.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.7 ± 0.4	
	1850	2012	4.0 - 5.0	< 13.0 ± 0.0	2.0 ± 0.7	3.0 ± 1.0	2.2 ± 0.6	
	1850	2012	5.0 - 6.0	< 6.0 ± 0.0	1.3 ± 0.7	1.8 ± 0.9	2.4 ± 0.6	
	1850	2012	6.0 - 7.0	< 11.0 ± 0.0	1.6 ± 0.7	2.1 ± 0.8	4.1 ± 0.7	
	1850	2012	7.0 - 8.0	< 14.0 ± 0.0	2.2 ± 0.8	4.0 ± 1.0	1.1 ± 0.6	
	1850	2012	8.0 - 9.0	< 6.0 ± 0.0	2.7 ± 0.7	1.5 ± 0.9	1.3 ± 0.5	
	1850	2012	9.0 - 10.0	< 7.0 ± 0.0	1.8 ± 0.6	2.6 ± 0.9	1.3 ± 0.4	
	1850	2025	0.0 - 1.0	< 8.0 ± 0.0	1.3 ± 0.4	0.9 ± 0.6	2.7 ± 0.5	
	1850	2025	6.0 - 7.0	-a-	-a-	-a-	1.7 ± 0.5	
	1850	2025	14.0 - 15.0	-a-	-a-	-a-	1.1 ± 0.6	
	1900	1985	0.5 - 1.0	< 10.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	7.7 ± 0.7	
	1900	2000	0.0 - 1.0	< 5.0 ± 0.0	2.1 ± 0.6	0.9 ± 0.6	1.7 ± 0.3	
	1900	2000	1.0 - 2.0	< 9.0 ± 0.0	1.5 ± 0.5	2.4 ± 0.9	1.2 ± 0.6	
	1900	2000	2.0 - 3.0	< 9.0 ± 0.0	1.6 ± 0.5	1.6 ± 0.7	1.2 ± 0.6	
	1900	2000	3.0 - 4.0	< 10.0 ± 0.0	1.1 ± 0.5	1.2 ± 0.7	1.1 ± 0.6	
	1900	2000	4.0 - 5.0	< 11.0 ± 0.0	0.8 ± 0.5	1.2 ± 0.7	1.2 ± 0.4	
	1900	2000	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.5	1.3 ± 0.7	0.9 ± 0.4	
	1900	2000	6.0 - 7.0	< 8.0 ± 0.0	2.1 ± 0.6	1.7 ± 0.8	0.9 ± 0.4	
	1900	2000	7.0 - 8.0	< 5.0 ± 0.0	1.2 ± 0.6	1.1 ± 0.8	1.3 ± 0.4	
	1900	2000	8.0 - 9.0	< 7.0 ± 0.0	1.5 ± 0.5	2.1 ± 0.8	1.4 ± 0.7	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1900	2000	9.0 - 10.0	< 8.0 ± 0.0	1.9 ± 0.5	2.2 ± 0.9	1.5 ± 0.6
	1950	1985	0.5 - 1.0	< 8.0 ± 0.0	1.1 ± 0.5	2.1 ± 0.8	8.6 ± 1.6
	1950	1988	0.0 - 1.0	< 5.0 ± 0.0	1.4 ± 0.7	1.5 ± 0.7	2.0 ± 0.4
	1950	1988	1.0 - 2.0	< 25.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	1.2 ± 0.3
	1950	1988	2.0 - 3.0	< 5.0 ± 0.0	1.5 ± 0.5	1.1 ± 0.8	1.4 ± 0.3
	1950	1988	3.0 - 4.0	< 12.0 ± 0.0	1.0 ± 0.6	3.0 ± 1.0	1.5 ± 0.3
	1950	1988	4.0 - 5.0	< 11.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	1.2 ± 0.6
	1950	1988	5.0 - 6.0	< 8.0 ± 0.0	1.4 ± 0.5	2.4 ± 0.8	1.3 ± 0.3
	1950	1988	6.0 - 7.0	< 5.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	1.5 ± 0.4
	1950	1988	7.0 - 8.0	< 11.0 ± 0.0	1.5 ± 0.6	1.7 ± 0.9	1.0 ± 0.3
	1950	1988	8.0 - 9.0	< 10.0 ± 0.0	1.6 ± 0.6	1.1 ± 0.8	1.0 ± 0.3
	1950	1988	9.0 - 10.0	< 7.0 ± 0.0	1.6 ± 0.6	1.1 ± 0.9	1.5 ± 0.5
	1950	2000	0.0 - 1.0	-a-	-a-	-a-	2.4 ± 0.2
	1950	2012	0.0 - 1.0	< 13.0 ± 0.0	2.2 ± 0.7	< 1.0 ± 0.0	11.0 ± 1.0
	1950	2012	1.0 - 2.0	< 15.0 ± 0.0	1.3 ± 0.7	1.4 ± 1.0	1.4 ± 0.4
	1950	2012	2.0 - 3.0	< 12.0 ± 0.0	1.9 ± 0.6	2.0 ± 0.9	1.2 ± 0.3
	1950	2012	3.0 - 4.0	< 12.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.4 ± 0.4
	1950	2012	4.0 - 5.0	< 13.0 ± 0.0	1.8 ± 0.6	2.0 ± 1.0	1.5 ± 0.4
	1950	2012	5.0 - 6.0	< 10.0 ± 0.0	1.8 ± 0.6	1.4 ± 0.7	1.6 ± 0.3
	1950	2012	6.0 - 7.0	< 11.0 ± 0.0	1.0 ± 0.5	1.9 ± 0.8	1.0 ± 0.4
	1950	2012	7.0 - 8.0	< 11.0 ± 0.0	2.8 ± 0.7	3.0 ± 1.0	1.2 ± 0.3
	1950	2012	8.0 - 9.0	< 6.0 ± 0.0	1.7 ± 0.7	1.5 ± 0.9	0.9 ± 0.3
	1950	2012	9.0 - 10.0	< 12.0 ± 0.0	1.8 ± 0.7	5.0 ± 1.0	1.1 ± 0.3
	1950	2025	0.0 - 1.0	< 10.0 ± 0.0	1.4 ± 0.5	3.0 ± 1.0	2.2 ± 0.9
	1950	2025	8.0 - 9.0	-a-	-a-	-a-	1.3 ± 0.6
	1950	2025	16.0 - 17.0	-a-	-a-	-a-	1.0 ± 0.4
	2000	1985	0.5 - 1.0	< 11.0 ± 0.0	1.1 ± 0.6	0.9 ± 0.6	21.0 ± 1.0 *
	2000	2000	0.0 - 1.0	< 13.0 ± 0.0	1.8 ± 0.7	2.2 ± 0.9	2.2 ± 0.4
	2000	2000	1.0 - 2.0	< 12.0 ± 0.0	1.2 ± 0.6	1.1 ± 0.8	1.0 ± 0.3

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2000	2000	2.0 - 3.0	< 13.0 ± 0.0	2.4 ± 0.8	3.0 ± 1.0	1.4 ± 0.3
	2000	2000	3.0 - 4.0	< 12.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	1.2 ± 0.3
	2000	2000	4.0 - 5.0	< 6.0 ± 0.0	1.1 ± 0.6	1.5 ± 0.9	1.2 ± 0.4
	2000	2000	5.0 - 6.0	< 9.0 ± 0.0	1.3 ± 0.5	2.3 ± 0.8	1.0 ± 0.3
	2000	2000	6.0 - 7.0	< 13.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.8	1.0 ± 0.3
	2000	2000	7.0 - 8.0	< 10.0 ± 0.0	1.5 ± 0.6	1.1 ± 0.8	0.9 ± 0.3
	2000	2000	8.0 - 9.0	< 6.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	0.9 ± 0.3
	2000	2000	9.0 - 10.0	< 11.0 ± 0.0	2.2 ± 0.7	5.0 ± 1.0	1.4 ± 0.4
	2050	1985	0.5 - 1.0	< 10.0 ± 0.0	2.2 ± 0.7	2.3 ± 0.8	7.5 ± 0.8
	2050	1988	0.0 - 1.0	< 11.0 ± 0.0	2.1 ± 0.6	< 1.0 ± 0.0	2.0 ± 0.5
	2050	1988	1.0 - 2.0	< 11.0 ± 0.0	1.4 ± 0.5	2.0 ± 1.0	< 0.4 ± 0.0
	2050	1988	2.0 - 3.0	< 5.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.8	1.2 ± 0.3
	2050	1988	3.0 - 4.0	< 12.0 ± 0.0	1.7 ± 0.7	3.0 ± 1.0	1.4 ± 0.8
	2050	1988	4.0 - 5.0	< 10.0 ± 0.0	0.9 ± 0.5	3.0 ± 1.0	1.4 ± 0.3
	2050	1988	5.0 - 6.0	< 5.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.9	1.4 ± 0.3
	2050	1988	6.0 - 7.0	< 11.0 ± 0.0	2.6 ± 0.7	2.0 ± 1.0	1.2 ± 0.3
	2050	1988	7.0 - 8.0	< 5.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.8	0.9 ± 0.2
	2050	1988	8.0 - 9.0	< 9.0 ± 0.0	1.1 ± 0.4	2.2 ± 0.9	1.1 ± 0.5
	2050	1988	9.0 - 10.0	< 11.0 ± 0.0	2.7 ± 0.7	3.0 ± 1.0	1.4 ± 0.5
	2050	2012	0.0 - 1.0	< 5.0 ± 0.0	1.5 ± 0.6	0.8 ± 0.8	5.6 ± 0.7
	2050	2012	1.0 - 2.0	< 11.0 ± 0.0	1.4 ± 0.6	2.3 ± 0.9	1.5 ± 0.7
	2050	2012	2.0 - 3.0	< 5.0 ± 0.0	1.2 ± 0.6	3.0 ± 1.0	1.1 ± 0.3
	2050	2012	3.0 - 4.0	< 13.0 ± 0.0	1.7 ± 0.7	2.0 ± 1.0	1.3 ± 0.6
	2050	2012	4.0 - 5.0	< 6.0 ± 0.0	2.1 ± 0.7	2.1 ± 0.9	1.5 ± 0.7
	2050	2012	5.0 - 6.0	< 14.0 ± 0.0	1.0 ± 0.7	2.0 ± 1.0	1.2 ± 0.6
	2050	2012	6.0 - 7.0	< 13.0 ± 0.0	2.1 ± 0.7	3.0 ± 1.0	1.6 ± 0.5
	2050	2012	7.0 - 8.0	< 6.0 ± 0.0	1.2 ± 0.6	1.0 ± 0.9	1.7 ± 0.5
	2050	2012	8.0 - 9.0	< 13.0 ± 0.0	2.6 ± 0.8	3.0 ± 1.0	1.2 ± 0.3
	2050	2012	9.0 - 10.0	< 6.0 ± 0.0	1.2 ± 0.7	2.7 ± 0.9	1.0 ± 0.5

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2050	2025	0.0 - 1.0	< 6.0 ± 0.0	1.4 ± 0.6	1.8 ± 0.8	1.5 ± 0.6	
	2050	2025	8.0 - 9.0	-a-	-a-	-a-	1.3 ± 0.4	
	2050	2025	17.0 - 18.0	-a-	-a-	-a-	0.9 ± 0.4	
	2100	1985	0.5 - 1.0	< 10.0 ± 0.0	2.2 ± 0.6	1.2 ± 0.6	19.0 ± 2.0	*
	2100	2000	0.0 - 1.0	< 11.0 ± 0.0	2.5 ± 0.7	2.1 ± 0.8	2.2 ± 0.6	
	2100	2000	1.0 - 2.0	< 6.0 ± 0.0	1.2 ± 0.6	1.4 ± 0.9	1.3 ± 0.4	
	2100	2000	2.0 - 3.0	< 5.0 ± 0.0	1.2 ± 0.5	2.2 ± 0.9	1.2 ± 0.5	
	2100	2000	3.0 - 4.0	< 11.0 ± 0.0	2.6 ± 0.7	2.0 ± 0.9	1.1 ± 0.4	
	2100	2000	4.0 - 5.0	< 5.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.4 ± 0.6	
	2100	2000	5.0 - 6.0	< 9.0 ± 0.0	1.3 ± 0.5	2.0 ± 0.9	0.9 ± 0.4	
	2100	2000	6.0 - 7.0	< 6.0 ± 0.0	1.1 ± 0.6	1.1 ± 0.8	1.3 ± 0.3	
	2100	2000	7.0 - 8.0	< 10.0 ± 0.0	2.2 ± 0.6	2.0 ± 1.0	2.0 ± 0.5	
	2100	2000	8.0 - 9.0	< 5.0 ± 0.0	1.8 ± 0.6	1.5 ± 0.8	0.6 ± 0.5	
	2100	2000	9.0 - 10.0	< 9.0 ± 0.0	1.1 ± 0.6	< 1.0 ± 0.0	1.0 ± 0.3	
	2150	1985	0.5 - 1.0	< 9.0 ± 0.0	1.1 ± 0.5	1.6 ± 0.7	2.7 ± 0.6	
	2150	1988	0.0 - 1.0	< 3.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	16.0 ± 2.0	
	2150	1988	1.0 - 2.0	< 6.0 ± 0.0	2.2 ± 0.7	3.0 ± 1.0	1.7 ± 0.4	
	2150	1988	2.0 - 3.0	< 4.0 ± 0.0	2.2 ± 0.8	2.0 ± 1.0	1.0 ± 0.4	
	2150	1988	3.0 - 4.0	< 6.0 ± 0.0	1.2 ± 0.7	1.9 ± 0.9	2.2 ± 0.7	
	2150	1988	4.0 - 5.0	< 3.0 ± 0.0	1.9 ± 0.6	2.0 ± 0.9	2.2 ± 0.5	
	2150	1988	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.5	1.8 ± 0.7	1.4 ± 0.3	
	2150	1988	6.0 - 7.0	< 3.0 ± 0.0	2.0 ± 0.6	2.4 ± 0.9	1.2 ± 0.3	
	2150	1988	7.0 - 8.0	< 3.0 ± 0.0	2.0 ± 0.6	2.4 ± 0.9	1.4 ± 0.6	
	2150	1988	8.0 - 9.0	< 5.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.9	1.0 ± 0.3	
	2150	1988	9.0 - 10.0	< 9.0 ± 0.0	1.7 ± 0.5	2.8 ± 0.9	0.9 ± 0.3	
	2150	2012	0.0 - 1.0	< 7.0 ± 0.0	2.0 ± 0.7	1.1 ± 0.7	76.0 ± 4.0	*
	2150	2012	1.0 - 2.0	< 12.0 ± 0.0	2.7 ± 0.8	< 1.0 ± 0.0	26.0 ± 3.0	*
	2150	2012	2.0 - 3.0	< 8.0 ± 0.0	1.9 ± 0.7	1.0 ± 0.7	16.0 ± 1.0	
	2150	2012	3.0 - 4.0	< 12.0 ± 0.0	1.4 ± 0.6	< 1.0 ± 0.0	4.2 ± 0.6	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2150	2012	4.0 - 5.0	< 5.0 ± 0.0	1.2 ± 0.5	1.0 ± 0.5	6.7 ± 0.9
	2150	2012	5.0 - 6.0	< 10.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.8 ± 0.4
	2150	2012	6.0 - 7.0	< 7.0 ± 0.0	1.6 ± 0.6	1.0 ± 1.0	1.1 ± 0.3
	2150	2012	7.0 - 8.0	< 9.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	1.5 ± 0.8
	2150	2012	8.0 - 9.0	< 7.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	1.4 ± 0.6
	2150	2012	9.0 - 10.0	< 9.0 ± 0.0	1.6 ± 0.6	2.7 ± 0.9	1.8 ± 0.5
	2150	2026	0.0 - 1.0	< 9.0 ± 0.0	2.1 ± 0.6	1.7 ± 0.8	2.8 ± 0.9
	2150	2026	4.0 - 5.0	< 9.0 ± 0.0	1.1 ± 0.6	0.8 ± 0.6	1.4 ± 0.4
	2150	2026	8.0 - 9.0	< 5.0 ± 0.0	0.8 ± 0.5	1.0 ± 0.7	2.4 ± 0.5
	2200	2000	1.0 - 2.0	< 8.0 ± 0.0	1.5 ± 0.7	1.0 ± 1.0	1.1 ± 1.0
	2200	2000	2.0 - 3.0	< 10.0 ± 0.0	1.1 ± 0.6	1.5 ± 0.7	1.6 ± 0.9
	2200	2000	3.0 - 4.0	< 8.0 ± 0.0	0.7 ± 0.6	2.1 ± 0.9	3.5 ± 0.6
	2200	2000	4.0 - 5.0	< 11.0 ± 0.0	1.4 ± 0.7	3.0 ± 1.0	2.0 ± 0.3
	2200	2000	5.0 - 6.0	< 7.0 ± 0.0	1.0 ± 0.6	1.0 ± 1.0	1.6 ± 0.6
	2200	2000	6.0 - 7.0	< 12.0 ± 0.0	1.0 ± 0.8	2.0 ± 1.0	4.0 ± 0.6
	2200	2000	7.0 - 8.0	< 6.0 ± 0.0	1.4 ± 0.6	1.5 ± 0.8	1.2 ± 0.5
	2200	2000	8.0 - 9.0	< 10.0 ± 0.0	0.8 ± 0.5	1.6 ± 0.8	3.6 ± 1.0
	2200	2000	9.0 - 10.0	< 10.0 ± 0.0	1.7 ± 0.6	1.9 ± 0.8	1.3 ± 0.3
	2250	1985	0.5 - 1.0	< 14.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	2.0 ± 0.4
	2250	1988	0.0 - 1.0	< 8.0 ± 0.0	1.9 ± 0.7	2.0 ± 1.0	2.0 ± 0.5
	2250	1988	1.0 - 2.0	< 12.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	1.2 ± 0.4
	2250	1988	2.0 - 3.0	< 8.0 ± 0.0	1.1 ± 0.5	2.0 ± 1.0	1.5 ± 0.4
	2250	1988	5.0 - 6.0	< 8.0 ± 0.0	1.2 ± 0.6	2.0 ± 1.0	1.3 ± 0.6
	2250	1988	6.0 - 7.0	< 13.0 ± 0.0	3.3 ± 0.9	2.0 ± 1.0	1.7 ± 0.7
	2250	1988	7.0 - 8.0	< 12.0 ± 0.0	1.4 ± 0.7	4.0 ± 1.0	0.8 ± 0.3
	2250	1988	8.0 - 9.0	< 8.0 ± 0.0	1.6 ± 0.6	1.7 ± 0.9	1.2 ± 0.4
	2250	1988	9.0 - 10.0	< 11.0 ± 0.0	2.4 ± 0.7	2.2 ± 0.9	1.2 ± 0.4
	2250	2012	0.0 - 1.0	< 12.0 ± 0.0	2.0 ± 0.6	1.3 ± 0.8	4.9 ± 0.5
	2250	2012	1.0 - 2.0	< 7.0 ± 0.0	1.3 ± 0.6	1.9 ± 0.9	1.2 ± 0.4

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2250	2012	2.0 - 3.0	< 12.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	1.3 ± 0.4
	2250	2012	3.0 - 4.0	< 8.0 ± 0.0	2.2 ± 0.6	3.0 ± 1.0	1.4 ± 0.3
	2250	2012	4.0 - 5.0	< 3.0 ± 0.0	2.6 ± 0.8	4.0 ± 1.0	1.3 ± 0.4
	2250	2012	5.0 - 6.0	< 7.0 ± 0.0	1.2 ± 0.6	1.2 ± 0.8	1.2 ± 0.5
	2250	2012	6.0 - 7.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	1.1 ± 0.3
	2250	2012	7.0 - 8.0	< 7.0 ± 0.0	2.4 ± 0.7	0.9 ± 0.7	1.3 ± 0.4
	2250	2012	8.0 - 9.0	< 11.0 ± 0.0	1.4 ± 0.6	1.3 ± 0.8	1.0 ± 0.5
	2250	2012	9.0 - 10.0	< 8.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	1.2 ± 0.4
	2250	2026	0.0 - 1.0	< 11.0 ± 0.0	1.5 ± 0.6	1.4 ± 0.9	1.8 ± 0.5
	2250	2026	9.0 - 10.0	< 9.0 ± 0.0	1.0 ± 0.5	2.3 ± 0.8	1.4 ± 0.3
	2250	2026	19.0 - 20.0	< 5.0 ± 0.0	0.8 ± 0.5	1.0 ± 0.7	2.0 ± 0.5
	2300	2000	0.0 - 1.0	< 13.0 ± 0.0	3.4 ± 0.9	< 1.0 ± 0.0	2.5 ± 0.4
	2300	2000	1.0 - 2.0	< 8.0 ± 0.0	1.9 ± 0.7	1.0 ± 1.0	1.2 ± 0.6
	2300	2000	2.0 - 3.0	< 12.0 ± 0.0	1.3 ± 0.7	3.0 ± 1.0	1.7 ± 0.6
	2300	2000	3.0 - 4.0	< 11.0 ± 0.0	1.9 ± 0.7	1.9 ± 0.9	1.6 ± 0.4
	2300	2000	4.0 - 5.0	< 6.0 ± 0.0	1.2 ± 0.6	2.2 ± 0.9	1.5 ± 0.7
	2300	2000	5.0 - 6.0	< 10.0 ± 0.0	1.4 ± 0.6	3.0 ± 1.0	1.1 ± 0.3
	2300	2000	6.0 - 7.0	< 6.0 ± 0.0	1.1 ± 0.5	1.6 ± 0.8	1.7 ± 0.7
	2300	2000	7.0 - 8.0	< 9.0 ± 0.0	1.1 ± 0.5	2.4 ± 0.9	1.2 ± 0.4
	2300	2000	8.0 - 9.0	< 8.0 ± 0.0	1.7 ± 0.7	< 1.0 ± 0.0	1.1 ± 0.3
	2300	2000	9.0 - 10.0	< 12.0 ± 0.0	2.4 ± 0.8	2.0 ± 1.0	1.2 ± 0.3
	2350	1985	0.5 - 1.0	< 12.0 ± 0.0	1.4 ± 0.7	3.0 ± 1.0	1.2 ± 0.7
	2350	1988	0.0 - 1.0	< 10.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	7.2 ± 0.9
	2350	1988	1.0 - 2.0	< 9.0 ± 0.0	2.0 ± 0.8	1.0 ± 1.0	1.3 ± 0.4
	2350	1988	2.0 - 3.0	< 11.0 ± 0.0	1.7 ± 0.6	2.2 ± 0.9	1.8 ± 0.7
	2350	1988	3.0 - 4.0	< 8.0 ± 0.0	1.1 ± 0.6	1.1 ± 0.9	1.4 ± 0.7
	2350	1988	4.0 - 5.0	< 10.0 ± 0.0	1.9 ± 0.6	2.5 ± 0.9	1.3 ± 0.3
	2350	1988	5.0 - 6.0	< 8.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.3 ± 0.4
	2350	1988	6.0 - 7.0	< 11.0 ± 0.0	2.1 ± 0.6	1.6 ± 0.9	1.1 ± 0.3

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2350	1988	7.0 - 8.0	< 13.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	0.9 ± 0.3
	2350	1988	8.0 - 9.0	< 8.0 ± 0.0	1.0 ± 0.6	2.0 ± 1.0	1.0 ± 0.3
	2350	1988	9.0 - 10.0	< 12.0 ± 0.0	3.1 ± 0.9	3.0 ± 1.0	0.8 ± 0.3
	2350	2012	0.0 - 1.0	< 8.0 ± 0.0	1.7 ± 0.7	0.9 ± 0.7	14.0 ± 1.0
	2350	2012	1.0 - 2.0	< 7.0 ± 0.0	0.8 ± 0.5	2.0 ± 0.9	1.2 ± 0.3
	2350	2012	2.0 - 3.0	< 11.0 ± 0.0	1.7 ± 0.6	1.4 ± 0.8	1.5 ± 0.4
	2350	2012	3.0 - 4.0	< 10.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	1.1 ± 0.5
	2350	2012	4.0 - 5.0	< 13.0 ± 0.0	1.8 ± 0.8	1.0 ± 1.0	1.1 ± 0.3
	2350	2012	5.0 - 6.0	< 8.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.6	1.1 ± 0.3
	2350	2012	6.0 - 7.0	< 7.0 ± 0.0	1.5 ± 0.6	2.2 ± 0.8	0.8 ± 0.4
	2350	2012	7.0 - 8.0	< 10.0 ± 0.0	0.7 ± 0.7	2.0 ± 1.0	1.2 ± 0.3
	2350	2012	8.0 - 9.0	< 8.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	1.0 ± 0.2
	2350	2012	9.0 - 10.0	< 9.0 ± 0.0	2.2 ± 0.7	1.4 ± 1.0	1.2 ± 0.3
	2350	2026	0.0 - 1.0	< 10.0 ± 0.0	1.6 ± 0.6	2.2 ± 0.8	2.1 ± 0.4
	2350	2026	9.0 - 10.0	< 8.0 ± 0.0	0.9 ± 0.4	0.6 ± 0.6	1.6 ± 0.4
	2350	2026	20.0 - 21.0	< 8.0 ± 0.0	1.2 ± 0.5	1.6 ± 0.6	0.8 ± 0.3
	2400	1985	0.5 - 1.0	< 11.0 ± 0.0	1.6 ± 0.5	2.2 ± 0.9	2.2 ± 0.7
	2400	2000	0.0 - 1.0	< 7.0 ± 0.0	1.9 ± 0.7	1.4 ± 0.8	3.3 ± 0.8
	2400	2000	1.0 - 2.0	< 4.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.8	1.4 ± 0.6
	2400	2000	2.0 - 3.0	< 8.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	1.2 ± 0.3
	2400	2000	3.0 - 4.0	< 10.0 ± 0.0	1.0 ± 0.5	2.4 ± 0.9	1.3 ± 0.6
	2400	2000	4.0 - 5.0	< 10.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.1 ± 0.3
	2400	2000	5.0 - 6.0	< 7.0 ± 0.0	1.3 ± 0.6	1.4 ± 0.8	1.4 ± 0.3
	2400	2000	6.0 - 7.0	< 9.0 ± 0.0	1.7 ± 0.6	1.8 ± 0.8	1.3 ± 0.3
	2400	2000	7.0 - 8.0	< 10.0 ± 0.0	1.2 ± 0.5	1.4 ± 0.8	1.1 ± 0.2
	2400	2000	8.0 - 9.0	< 7.0 ± 0.0	1.7 ± 0.7	1.4 ± 0.8	0.9 ± 0.2
	2400	2000	9.0 - 10.0	< 7.0 ± 0.0	3.0 ± 0.8	1.2 ± 0.8	0.9 ± 0.2
	2450	1985	0.5 - 1.0	< 11.0 ± 0.0	2.0 ± 0.7	3.0 ± 1.0	4.5 ± 0.9
	2450	1988	0.0 - 1.0	< 14.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	2.5 ± 0.4

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2450	1988	1.0 - 2.0	< 6.0 ± 0.0	0.9 ± 0.5	2.0 ± 0.8	1.2 ± 0.5	
	2450	1988	2.0 - 3.0	< 11.0 ± 0.0	2.0 ± 0.7	1.8 ± 0.8	0.9 ± 0.5	
	2450	1988	3.0 - 4.0	< 11.0 ± 0.0	1.5 ± 0.6	4.0 ± 1.0	1.3 ± 0.3	
	2450	1988	4.0 - 5.0	< 7.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	1.3 ± 0.3	
	2450	1988	5.0 - 6.0	< 13.0 ± 0.0	1.1 ± 0.7	3.0 ± 1.0	1.4 ± 0.5	
	2450	1988	6.0 - 7.0	< 7.0 ± 0.0	1.3 ± 0.6	1.8 ± 0.9	1.2 ± 0.3	
	2450	1988	7.0 - 8.0	< 12.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	1.2 ± 0.3	
	2450	1988	8.0 - 9.0	< 7.0 ± 0.0	1.2 ± 0.6	1.9 ± 0.8	1.1 ± 0.3	
	2450	1988	9.0 - 10.0	< 12.0 ± 0.0	3.0 ± 0.7	3.0 ± 1.0	1.0 ± 0.3	
	2450	2012	0.0 - 1.0	< 11.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	20.0 ± 2.0	*
	2450	2012	1.0 - 2.0	< 8.0 ± 0.0	1.8 ± 0.6	2.6 ± 0.9	1.1 ± 0.4	
	2450	2012	2.0 - 3.0	< 10.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	1.2 ± 0.3	
	2450	2012	3.0 - 4.0	< 7.0 ± 0.0	1.0 ± 0.6	1.9 ± 0.8	1.9 ± 0.6	
	2450	2012	4.0 - 5.0	< 10.0 ± 0.0	1.9 ± 0.6	1.2 ± 0.7	1.2 ± 0.5	
	2450	2012	5.0 - 6.0	< 6.0 ± 0.0	1.0 ± 0.5	1.8 ± 0.8	1.4 ± 0.4	
	2450	2012	6.0 - 7.0	< 11.0 ± 0.0	2.0 ± 0.6	1.4 ± 1.0	1.2 ± 0.3	
	2450	2012	7.0 - 8.0	< 7.0 ± 0.0	1.5 ± 0.6	2.1 ± 0.9	1.0 ± 0.4	
	2450	2012	8.0 - 9.0	< 11.0 ± 0.0	2.0 ± 0.7	3.0 ± 1.0	1.2 ± 0.5	
	2450	2012	9.0 - 10.0	< 6.0 ± 0.0	1.1 ± 0.6	1.6 ± 0.7	1.0 ± 0.3	
	2450	2026	0.0 - 1.0	< 5.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.7	1.3 ± 0.6	
	2450	2026	8.0 - 9.0	< 8.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.6	1.5 ± 0.3	
	2450	2026	19.5 - 20.0	< 24.0 ± 0.0	3.0 ± 1.0	5.0 ± 2.0	1.7 ± 1.2	
	2450	2050	0.0 - 1.0	< 6.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	2.1 ± 0.9	
	2500	1985	0.5 - 1.0	< 9.0 ± 0.0	2.0 ± 0.6	2.3 ± 0.8	2.7 ± 0.8	
	2500	2000	0.0 - 1.0	< 14.0 ± 0.0	6.0 ± 1.0	5.0 ± 2.0	2.9 ± 0.5	
	2500	2000	1.0 - 2.0	< 7.0 ± 0.0	1.0 ± 0.6	1.4 ± 0.8	1.5 ± 1.1	
	2500	2000	2.0 - 3.0	< 11.0 ± 0.0	2.1 ± 0.6	2.0 ± 1.0	1.2 ± 0.3	
	2500	2000	3.0 - 4.0	< 7.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.1 ± 0.2	
	2500	2000	4.0 - 5.0	< 9.0 ± 0.0	1.4 ± 0.5	3.0 ± 1.0	1.5 ± 0.5	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2500	2000	5.0 - 6.0	< 7.0 ± 0.0	1.1 ± 0.5	2.2 ± 0.9	1.4 ± 0.4
	2500	2000	6.0 - 7.0	< 11.0 ± 0.0	2.5 ± 0.7	2.1 ± 0.9	1.2 ± 0.4
	2500	2000	7.0 - 8.0	< 11.0 ± 0.0	2.5 ± 0.8	2.0 ± 1.0	0.9 ± 0.4
	2550	1985	0.5 - 1.0	< 9.0 ± 0.0	2.2 ± 0.7	1.6 ± 0.9	1.1 ± 0.7
	2550	1988	0.0 - 1.0	< 8.0 ± 0.0	1.1 ± 0.5	2.0 ± 1.0	3.2 ± 0.5
	2550	1988	1.0 - 2.0	< 11.0 ± 0.0	1.9 ± 0.7	1.5 ± 0.8	1.3 ± 0.5
	2550	1988	2.0 - 3.0	< 6.0 ± 0.0	1.4 ± 0.5	2.2 ± 0.8	1.3 ± 0.4
	2550	1988	3.0 - 4.0	< 10.0 ± 0.0	1.4 ± 0.6	2.0 ± 1.0	1.0 ± 0.5
	2550	1988	4.0 - 5.0	< 11.0 ± 0.0	1.7 ± 0.7	3.0 ± 1.0	< 0.2 ± 0.0
	2550	1988	5.0 - 6.0	< 7.0 ± 0.0	1.0 ± 0.6	1.5 ± 0.9	1.1 ± 0.3
	2550	1988	6.0 - 7.0	< 10.0 ± 0.0	1.8 ± 0.6	4.0 ± 1.0	1.1 ± 0.3
	2550	1988	7.0 - 8.0	< 10.0 ± 0.0	1.7 ± 0.6	1.5 ± 0.8	1.1 ± 0.3
	2550	1988	8.0 - 9.0	< 6.0 ± 0.0	1.1 ± 0.6	1.3 ± 0.7	0.9 ± 0.3
	2550	1988	9.0 - 10.0	< 14.0 ± 0.0	2.3 ± 0.7	4.0 ± 1.0	1.0 ± 0.3
	2550	2012	0.0 - 1.0	< 7.0 ± 0.0	2.0 ± 0.7	0.9 ± 0.5	6.0 ± 1.0
	2550	2012	1.0 - 2.0	< 11.0 ± 0.0	1.1 ± 0.6	1.8 ± 0.9	1.0 ± 0.3
	2550	2012	2.0 - 3.0	< 12.0 ± 0.0	1.3 ± 0.7	2.0 ± 1.0	1.7 ± 0.5
	2550	2012	3.0 - 4.0	< 7.0 ± 0.0	1.6 ± 0.6	1.0 ± 1.0	1.4 ± 0.4
	2550	2012	4.0 - 5.0	< 11.0 ± 0.0	1.3 ± 0.6	2.0 ± 1.0	1.3 ± 0.3
	2550	2012	5.0 - 6.0	< 6.0 ± 0.0	0.9 ± 0.5	1.1 ± 0.7	1.4 ± 0.3
	2550	2012	6.0 - 7.0	< 9.0 ± 0.0	1.5 ± 0.5	2.0 ± 1.0	1.5 ± 0.4
	2550	2012	7.0 - 8.0	< 7.0 ± 0.0	2.0 ± 0.7	2.0 ± 1.0	1.0 ± 0.3
	2550	2012	8.0 - 9.0	< 8.0 ± 0.0	0.9 ± 0.4	1.4 ± 0.7	1.1 ± 0.3
	2550	2012	9.0 - 10.0	< 12.0 ± 0.0	3.1 ± 0.8	2.0 ± 1.0	0.7 ± 0.3
	2550	2026	0.0 - 1.0	< 5.0 ± 0.0	0.9 ± 0.5	1.2 ± 0.8	1.2 ± 0.8
	2550	2026	2.0 - 3.0	< 10.0 ± 0.0	0.7 ± 0.5	1.9 ± 0.8	1.2 ± 0.3
	2550	2026	5.0 - 6.0	< 4.0 ± 0.0	0.7 ± 0.4	0.7 ± 0.6	1.2 ± 0.3
	2600	1985	0.0 - 1.0	< 6.0 ± 0.0	2.7 ± 0.9	1.9 ± 0.9	3.4 ± 0.8
	2600	1985	0.5 - 1.0	< 12.0 ± 0.0	1.5 ± 0.7	1.3 ± 0.7	2.4 ± 0.9

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2600	2000	1.0 - 2.0	< 14.0 ± 0.0	2.4 ± 0.8	2.0 ± 1.0	2.6 ± 0.7	
	2600	2000	2.0 - 3.0	< 6.0 ± 0.0	1.5 ± 0.7	3.0 ± 1.0	1.0 ± 0.4	
	2600	2000	3.0 - 4.0	< 4.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	2.6 ± 0.7	
	2600	2000	4.0 - 5.0	< 5.0 ± 0.0	1.4 ± 0.6	1.2 ± 0.7	2.3 ± 0.6	
	2600	2000	5.0 - 6.0	< 12.0 ± 0.0	1.8 ± 0.7	0.9 ± 0.7	4.0 ± 1.0	
	2600	2000	6.0 - 7.0	< 6.0 ± 0.0	0.9 ± 0.5	1.7 ± 0.7	3.0 ± 0.7	
	2600	2000	7.0 - 8.0	< 13.0 ± 0.0	2.6 ± 0.8	3.0 ± 1.0	2.3 ± 0.6	
	2600	2000	8.0 - 9.0	< 5.0 ± 0.0	1.7 ± 0.7	1.8 ± 0.9	1.8 ± 0.6	
	2600	2000	9.0 - 10.0	< 14.0 ± 0.0	2.9 ± 0.9	2.0 ± 1.0	2.4 ± 0.7	
	2648	2026	0.0 - 1.0	< 5.0 ± 0.0	1.3 ± 0.5	1.1 ± 0.7	3.1 ± 0.9	
	2648	2026	4.0 - 5.0	< 15.0 ± 0.0	3.2 ± 0.9	3.0 ± 1.0	1.6 ± 0.9	
	2648	2026	8.0 - 9.0	< 5.0 ± 0.0	1.3 ± 0.6	1.0 ± 0.8	1.2 ± 0.6	
	2650	1988	0.0 - 1.0	< 5.0 ± 0.0	2.2 ± 0.8	1.0 ± 0.8	4.0 ± 1.0	
	2650	1988	1.0 - 2.0	< 4.0 ± 0.0	2.2 ± 0.9	3.0 ± 1.0	1.2 ± 0.5	
	2650	1988	2.0 - 3.0	< 11.0 ± 0.0	1.3 ± 0.5	1.7 ± 0.9	2.1 ± 0.6	
	2650	1988	3.0 - 4.0	< 5.0 ± 0.0	0.9 ± 0.4	2.1 ± 0.8	1.1 ± 0.4	
	2650	1988	4.0 - 5.0	< 10.0 ± 0.0	0.9 ± 0.4	1.7 ± 0.9	2.4 ± 0.9	
	2650	1988	5.0 - 6.0	< 3.0 ± 0.0	2.5 ± 0.7	1.8 ± 0.8	2.3 ± 0.6	
	2650	1988	6.0 - 7.0	< 6.0 ± 0.0	1.3 ± 0.6	2.1 ± 0.9	67.0 ± 4.0	*
	2650	1988	7.0 - 8.0	< 12.0 ± 0.0	1.9 ± 0.6	4.0 ± 1.0	2.4 ± 0.8	
	2650	1988	8.0 - 9.0	< 12.0 ± 0.0	2.2 ± 0.7	1.7 ± 0.9	1.9 ± 0.8	
	2650	1988	9.0 - 10.0	< 6.0 ± 0.0	1.5 ± 0.7	2.2 ± 0.8	1.2 ± 0.3	
	2650	2012	0.0 - 1.0	< 11.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	25.0 ± 2.0	*
	2650	2012	1.0 - 2.0	< 5.0 ± 0.0	1.0 ± 0.6	2.0 ± 1.0	2.6 ± 0.7	
	2650	2012	2.0 - 3.0	< 12.0 ± 0.0	2.2 ± 0.7	3.0 ± 1.0	2.2 ± 0.5	
	2650	2012	3.0 - 4.0	< 12.0 ± 0.0	1.8 ± 0.6	4.0 ± 1.0	2.9 ± 0.7	
	2650	2012	4.0 - 5.0	< 5.0 ± 0.0	1.6 ± 0.7	1.1 ± 0.7	2.8 ± 0.7	
	2650	2012	5.0 - 6.0	< 11.0 ± 0.0	1.3 ± 0.7	3.0 ± 1.0	2.3 ± 0.6	
	2650	2012	6.0 - 7.0	< 5.0 ± 0.0	1.4 ± 0.6	1.6 ± 0.7	1.3 ± 0.7	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2650	2012	7.0 - 8.0	< 3.0 ± 0.0	1.6 ± 0.6	2.2 ± 0.8	1.2 ± 0.4	
	2650	2012	8.0 - 9.0	< 6.0 ± 0.0	1.2 ± 0.7	1.9 ± 0.9	1.8 ± 0.5	
	2650	2012	9.0 - 10.0	< 11.0 ± 0.0	2.3 ± 0.7	3.0 ± 1.0	2.1 ± 0.5	
	2700	1985	0.5 - 1.0	< 13.0 ± 0.0	2.4 ± 0.7	4.0 ± 1.0	7.0 ± 0.1	
	2700	2000	0.0 - 1.0	< 4.0 ± 0.0	1.5 ± 0.6	1.2 ± 0.7	3.3 ± 0.7	
	2700	2000	1.0 - 2.0	< 11.0 ± 0.0	4.2 ± 0.9	2.0 ± 1.0	66.0 ± 3.0	*
	2700	2000	2.0 - 3.0	< 11.0 ± 0.0	2.0 ± 0.7	2.0 ± 1.0	2.3 ± 0.6	
	2700	2000	3.0 - 4.0	< 6.0 ± 0.0	0.9 ± 0.7	1.7 ± 0.9	2.5 ± 0.6	
	2700	2000	4.0 - 5.0	< 11.0 ± 0.0	1.9 ± 0.7	4.0 ± 1.0	3.1 ± 0.8	
	2700	2000	5.0 - 6.0	< 5.0 ± 0.0	0.8 ± 0.6	1.8 ± 0.9	2.6 ± 0.6	
	2700	2000	6.0 - 7.0	< 11.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	2.7 ± 0.7	
	2700	2000	7.0 - 8.0	< 6.0 ± 0.0	1.9 ± 0.5	2.0 ± 1.0	1.0 ± 0.3	
	2700	2000	8.0 - 9.0	< 13.0 ± 0.0	2.4 ± 0.8	2.0 ± 1.0	2.9 ± 1.6	
	2700	2000	9.0 - 10.0	< 12.0 ± 0.0	2.8 ± 0.8	1.0 ± 1.0	1.8 ± 0.8	
	2750	1988	0.0 - 1.0	< 10.0 ± 0.0	1.6 ± 0.5	< 1.0 ± 0.0	32.0 ± 3.0	*
	2750	1988	1.0 - 2.0	< 5.0 ± 0.0	1.4 ± 0.6	1.0 ± 0.8	1.2 ± 0.3	
	2750	1988	2.0 - 3.0	< 11.0 ± 0.0	1.7 ± 0.6	2.0 ± 0.9	1.5 ± 0.5	
	2750	1988	3.0 - 4.0	< 6.0 ± 0.0	1.9 ± 0.6	1.8 ± 0.9	1.3 ± 0.3	
	2750	1988	4.0 - 5.0	< 12.0 ± 0.0	1.3 ± 0.6	3.0 ± 1.0	1.5 ± 0.4	
	2750	1988	5.0 - 6.0	< 5.0 ± 0.0	1.6 ± 0.5	1.5 ± 0.7	1.2 ± 0.7	
	2750	1988	6.0 - 7.0	< 11.0 ± 0.0	1.5 ± 0.5	3.0 ± 1.0	0.7 ± 0.4	
	2750	1988	7.0 - 8.0	< 6.0 ± 0.0	1.5 ± 0.6	1.9 ± 0.8	0.8 ± 0.2	
	2750	1988	8.0 - 9.0	< 15.0 ± 0.0	2.0 ± 0.8	3.0 ± 1.0	0.6 ± 0.4	
	2750	1988	9.0 - 10.0	< 7.0 ± 0.0	2.4 ± 0.8	1.3 ± 1.0	1.3 ± 0.6	
	2750	2012	0.0 - 1.0	< 8.0 ± 0.0	2.6 ± 0.9	1.4 ± 1.0	1.7 ± 0.3	
	2750	2012	1.0 - 2.0	< 11.0 ± 0.0	1.8 ± 0.6	1.4 ± 0.6	0.9 ± 0.6	
	2750	2012	2.0 - 3.0	< 7.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.3 ± 0.4	
	2750	2012	3.0 - 4.0	< 6.0 ± 0.0	0.8 ± 0.5	2.5 ± 0.8	1.8 ± 0.6	
	2750	2012	4.0 - 5.0	< 10.0 ± 0.0	2.3 ± 0.6	2.0 ± 1.0	1.2 ± 0.3	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2750	2012	5.0 - 6.0	< 7.0 ± 0.0	2.1 ± 0.7	2.0 ± 1.0	1.0 ± 0.6
	2750	2012	6.0 - 7.0	< 12.0 ± 0.0	1.5 ± 0.6	2.2 ± 0.9	1.2 ± 0.5
	2750	2012	7.0 - 8.0	< 16.0 ± 0.0	1.4 ± 0.6	1.8 ± 0.9	1.3 ± 0.5
	2750	2012	8.0 - 9.0	< 10.0 ± 0.0	1.7 ± 0.6	2.3 ± 0.9	1.0 ± 0.3
	2750	2012	9.0 - 10.0	< 6.0 ± 0.0	1.7 ± 0.6	1.1 ± 0.7	0.9 ± 0.6
	2750	2026	7.0 - 8.0	< 6.0 ± 0.0	0.9 ± 0.6	< 1.0 ± 0.0	1.9 ± 0.8
	2750	2026	17.0 - 18.0	< 11.0 ± 0.0	1.2 ± 0.5	0.9 ± 0.5	1.1 ± 0.9
	2800	1985	0.5 - 1.0	< 8.0 ± 0.0	1.3 ± 0.6	1.6 ± 0.8	1.7 ± 0.5
	2800	2000	0.0 - 1.0	< 12.0 ± 0.0	3.2 ± 0.8	< 1.0 ± 0.0	6.0 ± 0.9
	2800	2000	1.0 - 2.0	< 7.0 ± 0.0	1.0 ± 0.7	2.4 ± 0.9	1.2 ± 0.3
	2800	2000	2.0 - 3.0	< 12.0 ± 0.0	2.4 ± 0.8	3.0 ± 1.0	1.4 ± 0.7
	2800	2000	3.0 - 4.0	< 11.0 ± 0.0	1.8 ± 0.6	2.4 ± 0.9	1.1 ± 0.3
	2800	2000	4.0 - 5.0	< 13.0 ± 0.0	1.6 ± 0.5	1.8 ± 0.8	2.5 ± 0.9
	2800	2000	5.0 - 6.0	< 10.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.9	1.2 ± 0.3
	2800	2000	6.0 - 7.0	< 5.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.8	1.5 ± 0.6
	2800	2000	7.0 - 8.0	< 10.0 ± 0.0	1.3 ± 0.5	1.7 ± 0.8	1.1 ± 0.3
	2800	2000	8.0 - 9.0	< 5.0 ± 0.0	1.0 ± 0.5	1.0 ± 0.5	1.5 ± 0.5
	2800	2000	9.0 - 10.0	< 21.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	0.9 ± 0.4
	2850	1985	0.5 - 1.0	< 5.0 ± 0.0	1.3 ± 0.6	1.4 ± 0.6	2.0 ± 0.5
	2850	1988	0.0 - 1.0	< 5.0 ± 0.0	1.8 ± 0.6	1.2 ± 0.7	14.0 ± 1.0
	2850	1988	1.0 - 2.0	< 6.0 ± 0.0	1.7 ± 0.7	1.6 ± 0.8	1.5 ± 0.3
	2850	1988	2.0 - 3.0	< 11.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	1.2 ± 0.4
	2850	1988	3.0 - 4.0	< 6.0 ± 0.0	1.6 ± 0.7	1.0 ± 0.8	1.6 ± 0.3
	2850	1988	4.0 - 5.0	< 10.0 ± 0.0	2.0 ± 0.6	2.1 ± 0.9	1.1 ± 0.5
	2850	1988	5.0 - 6.0	< 7.0 ± 0.0	1.1 ± 0.7	1.5 ± 1.0	1.1 ± 0.4
	2850	1988	6.0 - 7.0	< 10.0 ± 0.0	1.4 ± 0.6	3.0 ± 1.0	1.2 ± 0.5
	2850	1988	7.0 - 8.0	< 11.0 ± 0.0	1.9 ± 0.7	1.6 ± 0.8	0.9 ± 0.5
	2850	1988	8.0 - 9.0	< 14.0 ± 0.0	1.6 ± 0.6	2.2 ± 0.9	1.1 ± 0.3
	2850	1988	9.0 - 10.0	< 9.0 ± 0.0	1.5 ± 0.6	1.6 ± 0.8	1.1 ± 0.6

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2850	2012	0.0 - 1.0	< 6.0 ± 0.0	1.3 ± 0.5	1.2 ± 0.6	10.0 ± 1.0
	2850	2012	1.0 - 2.0	< 12.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	1.3 ± 0.4
	2850	2012	2.0 - 3.0	< 7.0 ± 0.0	0.9 ± 0.5	1.3 ± 0.8	1.5 ± 0.4
	2850	2012	3.0 - 4.0	< 12.0 ± 0.0	1.8 ± 0.7	1.5 ± 0.9	1.2 ± 0.3
	2850	2012	4.0 - 5.0	< 9.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	1.3 ± 0.3
	2850	2012	5.0 - 6.0	< 6.0 ± 0.0	1.5 ± 0.6	1.9 ± 0.8	1.2 ± 0.3
	2850	2012	6.0 - 7.0	< 9.0 ± 0.0	1.2 ± 0.5	2.2 ± 0.9	1.1 ± 0.3
	2850	2012	7.0 - 8.0	< 6.0 ± 0.0	1.3 ± 0.6	0.9 ± 0.7	0.7 ± 0.2
	2850	2012	8.0 - 9.0	< 12.0 ± 0.0	1.1 ± 0.6	2.1 ± 0.9	1.2 ± 0.7
	2850	2012	9.0 - 10.0	< 10.0 ± 0.0	2.7 ± 0.6	2.0 ± 1.0	1.5 ± 0.3
	2900	2000	0.0 - 1.0	< 7.0 ± 0.0	2.3 ± 0.8	0.7 ± 0.6	9.0 ± 1.0
	2900	2000	1.0 - 2.0	< 15.0 ± 0.0	2.3 ± 0.8	2.0 ± 1.0	1.1 ± 0.3
	2900	2000	2.0 - 3.0	< 7.0 ± 0.0	2.3 ± 0.7	2.0 ± 0.9	1.5 ± 0.4
	2900	2000	3.0 - 4.0	< 12.0 ± 0.0	1.5 ± 0.7	1.3 ± 0.8	1.3 ± 0.4
	2900	2000	4.0 - 5.0	< 6.0 ± 0.0	0.8 ± 0.6	< 1.0 ± 0.0	1.7 ± 0.6
	2900	2000	5.0 - 6.0	< 13.0 ± 0.0	2.4 ± 0.7	3.0 ± 1.0	1.6 ± 0.3
	2900	2000	6.0 - 7.0	< 6.0 ± 0.0	1.2 ± 0.6	1.6 ± 0.9	1.3 ± 0.3
	2900	2000	7.0 - 8.0	< 13.0 ± 0.0	2.4 ± 0.8	4.0 ± 1.0	1.1 ± 0.3
	2900	2000	8.0 - 9.0	< 7.0 ± 0.0	1.8 ± 0.6	2.0 ± 1.0	1.0 ± 0.3
	2900	2000	9.0 - 10.0	< 16.0 ± 0.0	3.3 ± 0.9	3.0 ± 1.0	1.2 ± 0.4
	2950	1985	0.5 - 1.0	< 10.0 ± 0.0	1.6 ± 0.5	1.7 ± 0.8	2.6 ± 0.6
	2950	1988	0.0 - 1.0	< 5.0 ± 0.0	2.3 ± 0.6	0.6 ± 0.5	2.4 ± 0.5
	2950	1988	1.0 - 2.0	< 12.0 ± 0.0	1.8 ± 0.6	< 1.0 ± 0.0	1.2 ± 0.3
	2950	1988	2.0 - 3.0	< 7.0 ± 0.0	1.2 ± 0.8	1.2 ± 1.0	1.4 ± 0.5
	2950	1988	3.0 - 4.0	< 14.0 ± 0.0	1.0 ± 0.6	2.0 ± 1.0	1.3 ± 0.3
	2950	1988	4.0 - 5.0	< 11.0 ± 0.0	1.5 ± 0.6	4.0 ± 1.0	1.2 ± 0.3
	2950	1988	5.0 - 6.0	< 8.0 ± 0.0	1.5 ± 0.5	1.9 ± 0.8	0.9 ± 0.3
	2950	1988	6.0 - 7.0	< 5.0 ± 0.0	1.5 ± 0.6	1.0 ± 0.9	1.2 ± 0.4
	2950	1988	7.0 - 8.0	< 16.0 ± 0.0	1.4 ± 0.7	3.0 ± 1.0	1.1 ± 0.3

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2950	1988	8.0 - 9.0	< 6.0 ± 0.0	1.4 ± 0.6	1.3 ± 0.9	1.1 ± 0.4
	2950	1988	9.0 - 10.0	< 11.0 ± 0.0	1.5 ± 0.6	4.0 ± 1.0	1.2 ± 0.3
	2950	2012	0.0 - 1.0	< 6.0 ± 0.0	2.5 ± 0.8	0.6 ± 0.5	32.0 ± 1.0 *
	2950	2012	1.0 - 2.0	< 14.0 ± 0.0	1.8 ± 0.9	< 1.0 ± 0.0	2.1 ± 0.4
	2950	2012	2.0 - 3.0	< 12.0 ± 0.0	3.9 ± 0.9	1.9 ± 0.9	1.0 ± 0.3
	2950	2012	3.0 - 4.0	< 6.0 ± 0.0	1.2 ± 0.7	3.0 ± 1.0	1.2 ± 0.3
	2950	2012	4.0 - 5.0	< 4.0 ± 0.0	0.9 ± 0.5	1.1 ± 0.6	1.6 ± 0.4
	2950	2012	5.0 - 6.0	< 10.0 ± 0.0	1.2 ± 0.6	2.2 ± 0.9	1.3 ± 0.3
	2950	2012	6.0 - 7.0	< 11.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	1.0 ± 0.3
	2950	2012	7.0 - 8.0	< 12.0 ± 0.0	1.8 ± 0.6	3.0 ± 1.0	1.4 ± 0.6
	2950	2012	8.0 - 9.0	< 5.0 ± 0.0	1.7 ± 0.6	1.8 ± 0.9	1.1 ± 0.4
	2950	2012	9.0 - 10.0	< 13.0 ± 0.0	2.8 ± 0.9	2.0 ± 1.0	1.1 ± 0.4
	3050	1985	0.5 - 1.0	< 7.0 ± 0.0	1.7 ± 0.6	2.1 ± 0.9	1.5 ± 0.5
	3100	1985	0.5 - 1.0	< 5.0 ± 0.0	0.6 ± 0.5	1.5 ± 0.7	1.2 ± 0.6
	3100	2026	0.0 - 1.0	< 10.0 ± 0.0	0.8 ± 0.5	4.0 ± 1.0	2.5 ± 1.0
	3100	2026	8.0 - 9.0	< 5.0 ± 0.0	1.1 ± 0.5	1.0 ± 0.7	1.3 ± 0.8
	3100	2026	17.0 - 18.0	< 30.0 ± 0.0	3.0 ± 1.0	< 2.0 ± 0.0	1.0 ± 0.3
	3150	1985	0.5 - 1.0	< 5.0 ± 0.0	0.9 ± 0.5	1.5 ± 0.8	1.6 ± 0.8
	3200	1985	0.5 - 1.0	< 6.0 ± 0.0	1.1 ± 0.5	1.6 ± 0.7	3.7 ± 1.0
	3200	2026	0.0 - 1.0	< 4.0 ± 0.0	0.9 ± 0.5	1.2 ± 0.7	6.0 ± 1.2
	3200	2026	6.0 - 7.0	< 15.0 ± 0.0	3.2 ± 0.9	1.7 ± 0.8	1.5 ± 0.6
	3200	2026	17.0 - 18.0	< 9.0 ± 0.0	1.4 ± 0.4	1.3 ± 0.6	< 0.4 ± 0.0
	3201	1985	0.0 - 1.0	< 11.0 ± 0.0	2.4 ± 0.7	1.9 ± 0.8	2.3 ± 0.4
	3201	1985	3.0 - 4.0	< 5.0 ± 0.0	1.0 ± 0.5	0.9 ± 0.8	0.8 ± 0.5
	3201	1985	6.0 - 7.0	< 11.0 ± 0.0	1.2 ± 0.6	3.0 ± 1.0	1.0 ± 0.3
	3250	1985	0.5 - 1.0	< 4.0 ± 0.0	0.9 ± 0.5	1.2 ± 0.7	1.0 ± 0.3
	3300	1985	0.5 - 1.0	< 12.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	1.2 ± 0.6
	3300	2026	0.0 - 1.0	< 7.0 ± 0.0	1.7 ± 0.7	1.4 ± 0.7	3.5 ± 0.8
	3300	2026	8.0 - 9.0	< 11.0 ± 0.0	1.4 ± 0.5	1.6 ± 0.6	1.7 ± 1.0

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	3300	2026	17.0 - 18.0	< 6.0 ± 0.0	1.2 ± 0.7	1.0 ± 1.0	0.8 ± 0.3
	3350	1985	0.5 - 1.0	< 11.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	1.6 ± 0.7
	3400	1985	0.5 - 1.0	< 5.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.7	1.6 ± 0.3
	3400	2026	0.0 - 1.0	< 6.0 ± 0.0	1.5 ± 0.7	3.0 ± 1.0	10.0 ± 2.0
	3400	2026	1.0 - 2.0	< 9.0 ± 0.0	1.1 ± 0.6	< 1.0 ± 0.0	1.9 ± 0.4
	3400	2026	7.0 - 8.0	< 11.0 ± 0.0	2.0 ± 1.0	< 2.0 ± 0.0	1.1 ± 1.0
	3400	2026	18.0 - 19.0	< 11.0 ± 0.0	1.6 ± 0.6	2.8 ± 0.9	< 2.0 ± 0.0
	3401	1985	0.0 - 1.0	< 11.0 ± 0.0	1.1 ± 0.6	2.2 ± 0.9	1.7 ± 0.8
	3401	1985	4.0 - 5.0	< 10.0 ± 0.0	1.6 ± 0.5	< 1.0 ± 0.0	1.1 ± 0.3
	3401	1985	6.0 - 7.0	< 4.0 ± 0.0	0.8 ± 0.4	1.1 ± 0.6	1.2 ± 0.4
	3450	1985	0.5 - 1.0	< 9.0 ± 0.0	1.9 ± 0.6	1.6 ± 0.8	1.3 ± 0.5
	3498	2026	0.0 - 1.0	< 11.0 ± 0.0	1.1 ± 0.5	1.3 ± 0.7	9.2 ± 0.9
	3498	2026	7.0 - 8.0	< 16.0 ± 0.0	3.0 ± 2.0	5.0 ± 2.0	1.2 ± 0.3
	3498	2026	20.0 - 21.0	< 7.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	0.9 ± 0.3
	3500	1985	0.5 - 1.0	< 5.0 ± 0.0	0.8 ± 0.5	1.2 ± 0.7	1.0 ± 0.4
	3550	1985	0.5 - 1.0	< 11.0 ± 0.0	1.5 ± 0.6	4.0 ± 1.0	0.9 ± 0.5
	3600	1985	0.5 - 1.0	< 9.0 ± 0.0	0.9 ± 0.6	1.5 ± 0.7	1.3 ± 0.4
	3600	2028	0.0 - 1.0	< 14.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	2.1 ± 0.4
	3600	2028	8.0 - 9.0	< 4.0 ± 0.0	1.1 ± 0.5	1.4 ± 0.7	1.1 ± 0.3
	3600	2028	16.0 - 17.0	< 30.0 ± 0.0	5.0 ± 1.0	5.0 ± 2.0	0.9 ± 0.2
	3602	1985	0.0 - 1.0	< 11.0 ± 0.0	1.6 ± 0.6	2.0 ± 0.9	1.4 ± 0.5
	3602	1985	3.0 - 4.0	< 6.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	1.1 ± 0.3
	3602	1985	6.0 - 7.0	< 10.0 ± 0.0	1.2 ± 0.5	2.0 ± 0.8	1.5 ± 0.9
	3650	1985	0.5 - 1.0	< 10.0 ± 0.0	1.2 ± 0.5	3.0 ± 1.0	1.9 ± 0.6
	3700	1985	0.5 - 1.0	< 11.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.9	1.2 ± 0.7
	3750	1985	0.5 - 1.0	< 10.0 ± 0.0	1.6 ± 0.6	1.5 ± 0.9	1.1 ± 0.7
	3799	2027	0.0 - 1.0	< 5.0 ± 0.0	1.0 ± 0.6	1.6 ± 0.7	13.0 ± 2.0
	3799	2027	11.0 - 12.0	< 9.0 ± 0.0	1.8 ± 0.5	1.7 ± 0.8	2.2 ± 0.8
	3799	2027	22.0 - 23.0	< 9.0 ± 0.0	0.8 ± 0.5	3.0 ± 1.0	1.1 ± 0.9

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	3800	1985	0.5 - 1.0	< 9.0 ± 0.0	1.1 ± 0.5	1.8 ± 0.8	1.4 ± 0.7	
	3800	1985	3.0 - 4.0	< 7.0 ± 0.0	1.3 ± 0.6	1.4 ± 1.0	0.8 ± 0.4	
	3800	1985	6.0 - 7.0	< 21.0 ± 0.0	2.1 ± 0.9	3.0 ± 1.0	0.8 ± 0.4	
	3850	1985	0.5 - 1.0	< 11.0 ± 0.0	1.6 ± 0.6	1.3 ± 0.9	3.0 ± 0.9	
	3850	2001	0.0 - 1.0	< 13.0 ± 0.0	< 0.7 ± 0.0	4.0 ± 1.0	2.6 ± 0.7	
	3850	2001	4.0 - 5.0	< 4.0 ± 0.0	0.7 ± 0.5	2.0 ± 0.8	1.0 ± 0.4	
	3850	2001	11.0 - 12.0	< 9.0 ± 0.0	2.0 ± 0.7	2.4 ± 0.9	1.2 ± 0.4	
	3877	2004	0.0 - 1.0	< 13.0 ± 0.0	1.8 ± 0.7	3.0 ± 1.0	1.9 ± 0.5	
	3877	2004	3.0 - 4.0	< 11.0 ± 0.0	1.5 ± 0.6	4.0 ± 1.0	1.5 ± 0.4	
	3877	2004	9.0 - 10.0	< 6.0 ± 0.0	0.8 ± 0.5	1.9 ± 0.8	1.0 ± 0.6	
	3900	1985	0.5 - 1.0	< 12.0 ± 0.0	2.3 ± 0.8	1.3 ± 0.9	4.4 ± 1.1	
	4300	2023	0.0 - 1.0	< 8.0 ± 0.0	1.1 ± 0.6	1.0 ± 0.8	2.8 ± 0.7	
	4300	2023	2.0 - 3.0	< 7.0 ± 0.0	1.4 ± 0.5	2.4 ± 0.8	1.4 ± 0.5	
	4312	1985	0.0 - 1.0	< 12.0 ± 0.0	5.0 ± 1.0	< 1.0 ± 0.0	360.0 ± 10.0	*
	4350	1985	0.0 - 1.0	< 9.0 ± 0.0	1.3 ± 0.6	2.1 ± 0.8	46.0 ± 2.0	*
	4350	1985	2.0 - 3.0	< 9.0 ± 0.0	1.0 ± 0.3	1.3 ± 0.7	2.3 ± 0.9	
	4362	2015	0.0 - 1.0	< 8.0 ± 0.0	0.9 ± 0.3	< 0.1 ± 0.0	2.3 ± 0.4	
	4362	2015	2.0 - 3.0	< 7.0 ± 0.0	1.3 ± 0.5	2.4 ± 0.8	1.0 ± 0.5	
	4400	1985	0.0 - 1.0	< 8.0 ± 0.0	2.0 ± 0.6	1.8 ± 0.8	69.0 ± 3.0	*
	4400	1985	2.0 - 3.0	< 8.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	3.8 ± 0.5	
	4442	2015	0.0 - 1.0	< 7.0 ± 0.0	1.7 ± 0.7	1.2 ± 0.8	3.0 ± 0.9	
	4442	2015	4.0 - 5.0	-a-	-a-	-a-	1.2 ± 0.4	
	4442	2015	10.0 - 11.0	-a-	-a-	-a-	1.0 ± 0.2	
	4450	1985	0.0 - 1.0	< 8.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	31.0 ± 2.0	*
	4450	1985	2.0 - 3.0	< 15.0 ± 0.0	2.4 ± 0.8	3.0 ± 1.0	1.6 ± 0.4	
	4499	2015	1.0 - 2.0	-a-	-a-	-a-	1.7 ± 0.6	
	4499	2015	4.0 - 5.0	-a-	-a-	-a-	1.3 ± 0.6	
	4499	2015	10.0 - 11.0	-a-	-a-	-a-	1.7 ± 0.5	
	4500	1985	0.0 - 1.0	< 8.0 ± 0.0	2.0 ± 0.5	3.0 ± 1.0	39.0 ± 2.0	*

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	4500	1985	2.0 - 3.0	< 8.0 ± 0.0	1.5 ± 0.5	2.3 ± 0.8	3.5 ± 0.5
	4550	1984	0.0 - 1.0	< 8.0 ± 0.0	1.1 ± 0.5	1.7 ± 0.7	4.3 ± 0.5
	4550	1984	2.0 - 3.0	< 8.0 ± 0.0	1.8 ± 0.5	2.3 ± 0.9	1.3 ± 0.3
	4550	2019	0.0 - 1.0	< 8.0 ± 0.0	1.2 ± 0.4	0.9 ± 0.6	3.8 ± 0.5
	4550	2019	2.0 - 3.0	< 8.0 ± 0.0	1.4 ± 0.5	1.3 ± 0.7	1.9 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	300	2150	0.0 - 1.0	< 5.0 ± 0.0	1.3 ± 0.6	1.0 ± 0.7	44.0 ± 6.0 *
	300	2150	1.0 - 2.0	< 5.0 ± 0.0	0.9 ± 0.6	1.7 ± 0.8	-a-
	300	2150	2.0 - 3.0	< 10.0 ± 0.0	1.7 ± 0.6	< 1.0 ± 0.0	7.2 ± 1.3
	300	2250	0.0 - 1.0	< 9.0 ± 0.0	1.9 ± 0.5	2.3 ± 0.9	2.1 ± 0.5
	300	2250	2.0 - 3.0	< 9.0 ± 0.0	1.0 ± 0.4	2.4 ± 0.9	1.2 ± 0.4
	300	2350	0.0 - 1.0	< 6.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	2.7 ± 0.4
	300	2350	2.0 - 3.0	< 15.0 ± 0.0	1.2 ± 0.5	2.6 ± 0.8	1.5 ± 0.4
	345	2048	0.0 - 1.0	-a-	-a-	-a-	2.4 ± 0.9
	345	2048	4.0 - 5.0	-a-	-a-	-a-	1.8 ± 0.3
	345	2048	9.0 - 10.0	-a-	-a-	-a-	1.5 ± 0.7
	350	2050	0.0 - 1.0	< 3.0 ± 0.0	0.7 ± 0.4	1.7 ± 0.7	1.9 ± 0.6
	350	2050	1.0 - 2.0	< 9.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.8	-a-
	350	2050	2.0 - 3.0	< 5.0 ± 0.0	0.9 ± 0.5	1.0 ± 0.7	1.2 ± 0.4
	350	2300	0.0 - 1.0	< 7.0 ± 0.0	1.6 ± 0.7	1.5 ± 0.9	1.9 ± 0.6
	350	2300	2.0 - 3.0	< 8.0 ± 0.0	1.9 ± 0.5	2.5 ± 0.8	1.7 ± 0.4
	350	2400	0.0 - 1.0	< 11.0 ± 0.0	1.9 ± 0.7	< 1.0 ± 0.0	1.1 ± 0.3
	350	2400	2.0 - 3.0	< 11.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.7	1.3 ± 0.4
	385	2250	0.0 - 2.0	< 7.0 ± 0.0	1.0 ± 0.7	2.0 ± 1.0	3.4 ± 0.8
	400	2050	0.0 - 1.0	< 7.0 ± 0.0	1.4 ± 0.5	1.0 ± 0.6	3.0 ± 0.5
	400	2050	1.0 - 2.0	< 5.0 ± 0.0	0.8 ± 0.5	1.1 ± 0.8	-a-
	400	2050	2.0 - 3.0	< 11.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.8	-a-
	400	2050	3.0 - 4.0	< 8.0 ± 0.0	2.0 ± 0.7	2.1 ± 0.8	-a-
	400	2050	4.0 - 5.0	< 10.0 ± 0.0	1.5 ± 0.6	1.4 ± 0.8	0.9 ± 0.7

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	400	2050	5.0 - 6.0	< 12.0 ± 0.0	1.6 ± 0.6	1.2 ± 1.0	0.9 ± 0.7
	400	2050	6.0 - 7.0	< 5.0 ± 0.0	0.9 ± 0.7	1.4 ± 0.7	-a-
	400	2050	7.0 - 8.0	< 11.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	2.6 ± 1.2
	400	2050	10.0 - 11.0	< 7.0 ± 0.0	1.6 ± 0.6	2.5 ± 0.9	-a-
	400	2050	11.0 - 12.0	< 5.0 ± 0.0	2.5 ± 0.6	1.6 ± 0.7	-a-
	400	2050	12.0 - 13.0	< 8.0 ± 0.0	1.2 ± 0.4	1.5 ± 0.7	-a-
	400	2050	13.0 - 14.0	< 5.0 ± 0.0	1.4 ± 0.5	1.5 ± 0.8	-a-
	429	2048	0.0 - 1.0	-a-	-a-	-a-	1.9 ± 0.4
	429	2048	6.0 - 7.0	-a-	-a-	-a-	2.9 ± 0.8
	429	2048	12.0 - 13.0	-a-	-a-	-a-	1.4 ± 0.7
	450	2150	0.0 - 1.0	-a-	-a-	-a-	10.0 ± 1.0
	450	2150	3.0 - 4.0	-a-	-a-	-a-	1.3 ± 0.7
	450	2150	7.0 - 8.0	-a-	-a-	-a-	1.8 ± 0.6
	450	2350	0.0 - 1.0	< 11.0 ± 0.0	1.5 ± 0.5	1.3 ± 0.7	2.8 ± 0.5
	450	2350	2.0 - 3.0	< 7.0 ± 0.0	1.7 ± 0.6	1.4 ± 0.8	1.9 ± 0.4
	500	2406	0.0 - 1.0	< 6.0 ± 0.0	1.8 ± 0.6	1.6 ± 0.7	1.2 ± 0.4
	500	2406	2.0 - 3.0	< 8.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.8	1.4 ± 0.4
	519	2230	0.0 - 1.0	< 12.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	6.8 ± 1.1
	519	2230	4.0 - 5.0	-a-	-a-	-a-	1.4 ± 0.8
	519	2230	9.0 - 10.0	-a-	-a-	-a-	1.4 ± 0.8
	550	2150	0.0 - 1.0	< 7.0 ± 0.0	1.6 ± 0.6	0.8 ± 0.5	20.0 ± 1.0 *
	550	2150	3.0 - 4.0	-a-	-a-	-a-	1.1 ± 0.3
	550	2150	6.0 - 7.0	-a-	-a-	-a-	2.1 ± 0.3
	550	2350	0.0 - 1.0	< 10.0 ± 0.0	1.2 ± 0.5	2.0 ± 0.7	1.0 ± 0.4
	550	2350	2.0 - 3.0	< 8.0 ± 0.0	1.8 ± 0.5	1.6 ± 0.8	1.1 ± 0.4
	600	2078	0.0 - 1.0	< 30.0 ± 0.0	2.0 ± 1.0	5.0 ± 2.0	1.6 ± 1.0
	600	2078	1.0 - 2.0	< 6.0 ± 0.0	1.6 ± 0.6	1.5 ± 0.9	-a-
	600	2078	2.0 - 3.0	< 12.0 ± 0.0	1.1 ± 0.5	2.1 ± 1.0	-a-
	600	2078	3.0 - 4.0	< 6.0 ± 0.0	1.0 ± 0.6	1.0 ± 0.9	-a-

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	600	2078	4.0 - 5.0	< 10.0 ± 0.0	1.0 ± 0.4	1.3 ± 0.6	1.6 ± 0.4
	600	2078	7.0 - 8.0	< 6.0 ± 0.0	0.8 ± 0.5	1.0 ± 0.7	-a-
	600	2078	8.0 - 9.0	< 9.0 ± 0.0	1.7 ± 0.6	0.9 ± 0.5	1.6 ± 0.5
	600	2078	9.0 - 10.0	< 5.0 ± 0.0	0.5 ± 0.5	0.9 ± 0.7	-a-
	600	2078	10.0 - 11.0	< 6.0 ± 0.0	1.7 ± 0.6	1.6 ± 0.8	-a-
	600	2078	11.0 - 12.0	< 8.0 ± 0.0	1.1 ± 0.4	2.1 ± 0.8	-a-
	600	2078	12.0 - 13.0	< 4.0 ± 0.0	1.0 ± 0.4	< 1.0 ± 0.0	-a-
	600	2078	13.0 - 14.0	< 8.0 ± 0.0	2.0 ± 0.8	2.0 ± 1.0	-a-
	606	2240	0.0 - 1.0	-a-	-a-	-a-	6.7 ± 0.7
	606	2240	3.0 - 4.0	-a-	-a-	-a-	1.5 ± 0.6
	606	2240	7.0 - 8.0	-a-	-a-	-a-	1.2 ± 0.3
	634	2147	0.0 - 1.0	< 12.0 ± 0.0	2.2 ± 0.8	2.0 ± 1.0	2.3 ± 0.4
	634	2147	4.0 - 5.0	-a-	-a-	-a-	1.6 ± 0.4
	634	2147	9.0 - 10.0	-a-	-a-	-a-	1.4 ± 0.3
	645	2250	0.0 - 1.0	< 8.0 ± 0.0	1.3 ± 0.6	1.6 ± 0.8	1.1 ± 0.3
	645	2250	2.0 - 3.0	< 7.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.7	1.1 ± 0.3
	650	2350	0.0 - 1.0	< 9.0 ± 0.0	1.7 ± 0.5	3.0 ± 1.0	1.1 ± 0.3
	650	2350	2.0 - 2.5	< 6.0 ± 0.0	1.1 ± 0.5	1.2 ± 0.8	1.3 ± 0.3
	687	2037	0.0 - 1.0	< 11.0 ± 0.0	1.8 ± 0.6	1.2 ± 0.8	4.7 ± 0.8
	687	2037	7.0 - 8.0	-a-	-a-	-a-	18.0 ± 1.0 *
	687	2037	14.0 - 15.0	-a-	-a-	-a-	1.3 ± 0.3
	691	2026	0.0 - 1.0	-a-	-a-	-a-	9.8 ± 0.8
	691	2026	6.0 - 7.0	-a-	-a-	-a-	2.6 ± 0.5
	691	2026	14.0 - 15.0	-a-	-a-	-a-	1.4 ± 0.3
	722	2145	0.0 - 1.0	< 9.0 ± 0.0	1.7 ± 0.7	1.2 ± 0.8	1.5 ± 0.5
	722	2145	3.0 - 4.0	-a-	-a-	-a-	1.0 ± 0.3
	722	2145	7.0 - 8.0	-a-	-a-	-a-	3.6 ± 0.6
	722	2241	1.0 - 2.0	-a-	-a-	-a-	0.8 ± 0.4
	722	2241	5.0 - 6.0	-a-	-a-	-a-	1.2 ± 0.5

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	722	2241	8.0 - 9.0	-a-	-a-	-a-	1.2 ± 0.3	
	750	2094	0.0 - 1.0	< 7.0 ± 0.0	2.3 ± 0.8	< 1.0 ± 0.0	37.0 ± 2.0	*
	750	2094	1.0 - 2.0	-a-	-a-	-a-	9.2 ± 0.8	
	750	2094	2.0 - 3.0	-a-	-a-	-a-	1.6 ± 0.4	
	750	2094	3.0 - 4.0	-a-	-a-	-a-	0.8 ± 0.3	
	750	2094	7.0 - 8.0	-a-	-a-	-a-	1.0 ± 0.3	
	807	2036	0.0 - 1.0	-a-	-a-	-a-	11.0 ± 1.0	
	807	2036	3.0 - 4.0	-a-	-a-	-a-	2.0 ± 0.6	
	807	2036	5.0 - 6.0	-a-	-a-	-a-	7.6 ± 0.7	
	850	2026	0.0 - 1.0	< 5.0 ± 0.0	1.7 ± 0.7	1.2 ± 0.6	5.5 ± 0.7	
	850	2026	6.0 - 7.0	-a-	-a-	-a-	7.8 ± 0.7	
	850	2026	14.0 - 15.0	-a-	-a-	-a-	1.1 ± 0.4	
	850	2094	0.0 - 1.0	-a-	-a-	-a-	33.0 ± 1.0	*
	850	2094	1.0 - 2.0	-a-	-a-	-a-	1.6 ± 0.3	
	850	2094	2.0 - 3.0	-a-	-a-	-a-	1.3 ± 0.3	
	850	2094	3.0 - 4.0	-a-	-a-	-a-	1.4 ± 0.3	
	850	2094	4.0 - 5.0	-a-	-a-	-a-	1.3 ± 0.6	
	850	2094	7.0 - 8.0	-a-	-a-	-a-	1.8 ± 0.6	
	900	2038	0.0 - 1.0	-a-	-a-	-a-	15.0 ± 1.0	
	900	2038	4.0 - 5.0	-a-	-a-	-a-	4.9 ± 0.6	
	900	2038	7.0 - 8.0	-a-	-a-	-a-	1.3 ± 0.3	
	950	2094	0.0 - 1.0	-a-	-a-	-a-	22.0 ± 1.0	*
	950	2094	1.0 - 2.0	-a-	-a-	-a-	1.6 ± 0.4	
	950	2094	2.0 - 3.0	-a-	-a-	-a-	1.4 ± 0.4	
	950	2094	4.0 - 5.0	-a-	-a-	-a-	1.5 ± 0.5	
	950	2094	7.0 - 8.0	-a-	-a-	-a-	1.0 ± 0.4	
	1000	2033	0.0 - 1.0	< 11.0 ± 0.0	1.9 ± 0.7	< 1.0 ± 0.0	8.3 ± 0.9	
	1000	2033	4.0 - 5.0	< 6.0 ± 0.0	1.7 ± 0.6	1.1 ± 0.9	1.4 ± 0.5	
	1000	2033	7.0 - 8.0	-a-	-a-	-a-	0.9 ± 0.4	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1000	2037	0.0 - 1.0	-a-	-a-	-a-	29.0 ± 1.0	*
	1000	2037	4.0 - 5.0	-a-	-a-	-a-	1.5 ± 0.4	
	1000	2037	9.0 - 10.0	-a-	-a-	-a-	0.9 ± 0.2	
	1007	2031	0.0 - 1.0	-a-	-a-	-a-	5.8 ± 0.6	
	1007	2031	2.0 - 3.0	-a-	-a-	-a-	16.0 ± 1.0	
	1007	2031	5.0 - 6.0	-a-	-a-	-a-	35.0 ± 2.0	*
	1046	2093	0.0 - 1.0	-a-	-a-	-a-	14.0 ± 1.0	
	1046	2093	1.0 - 2.0	-a-	-a-	-a-	1.6 ± 0.4	
	1046	2093	2.0 - 3.0	-a-	-a-	-a-	1.5 ± 0.5	
	1046	2093	4.0 - 5.0	-a-	-a-	-a-	1.4 ± 0.3	
	1046	2093	7.0 - 8.0	-a-	-a-	-a-	1.1 ± 0.3	
	1100	2031	0.0 - 1.0	-a-	-a-	-a-	1.1 ± 0.5	
	1100	2031	5.0 - 6.0	-a-	-a-	-a-	9.8 ± 1.0	
	1100	2031	10.0 - 11.0	-a-	-a-	-a-	1.2 ± 0.3	
	1150	2094	0.0 - 1.0	-a-	-a-	-a-	67.0 ± 2.0	*
	1150	2094	4.0 - 5.0	-a-	-a-	-a-	1.5 ± 0.4	
	1150	2094	5.0 - 6.0	-a-	-a-	-a-	1.2 ± 0.3	
	1150	2094	6.0 - 7.0	-a-	-a-	-a-	1.2 ± 0.3	
	1150	2094	7.0 - 8.0	-a-	-a-	-a-	1.0 ± 0.4	
	1200	2030	0.0 - 1.0	-a-	-a-	-a-	5.0 ± 1.0	
	1200	2030	7.0 - 8.0	-a-	-a-	-a-	3.7 ± 0.5	
	1200	2030	14.0 - 15.0	-a-	-a-	-a-	1.0 ± 0.3	
	1254	2100	0.0 - 1.0	-a-	-a-	-a-	14.0 ± 1.0	
	1254	2100	1.0 - 2.0	-a-	-a-	-a-	1.6 ± 0.4	
	1254	2100	2.0 - 3.0	-a-	-a-	-a-	1.2 ± 0.4	
	1254	2100	3.0 - 4.0	-a-	-a-	-a-	1.4 ± 0.3	
	1254	2100	6.0 - 7.0	-a-	-a-	-a-	1.4 ± 0.5	
	1303	2031	0.0 - 2.0	-a-	-a-	-a-	1.7 ± 0.4	
	1303	2031	4.0 - 5.0	-a-	-a-	-a-	1.6 ± 0.3	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1303	2031	11.0 - 12.0	-a-	-a-	-a-	1.3 ± 0.3
	1303	2031	14.0 - 15.0	-a-	-a-	-a-	1.1 ± 0.5
	1342	2150	2.0 - 3.0	< 9.0 ± 0.0	1.1 ± 0.5	2.1 ± 0.8	1.4 ± 0.3
	1350	2100	0.0 - 1.0	< 5.0 ± 0.0	1.3 ± 0.5	0.7 ± 0.5	1.6 ± 0.3
	1350	2100	3.0 - 4.0	-a-	-a-	-a-	1.3 ± 0.3
	1350	2100	6.0 - 7.0	-a-	-a-	-a-	0.7 ± 0.4
	1400	2035	0.0 - 2.5	-a-	-a-	-a-	0.7 ± 0.2
	1400	2035	8.0 - 9.0	-a-	-a-	-a-	1.5 ± 0.3
	1400	2035	16.0 - 17.0	-a-	-a-	-a-	1.2 ± 0.3
	1400	2035	17.0 - 18.0	-a-	-a-	-a-	1.0 ± 0.4
	1400	2150	0.0 - 1.0	-a-	-a-	-a-	1.5 ± 0.3
	1400	2150	3.0 - 4.0	-a-	-a-	-a-	1.4 ± 0.4
	1400	2150	7.0 - 8.0	-a-	-a-	-a-	1.3 ± 0.3
	1434	2150	0.0 - 1.0	< 7.0 ± 0.0	1.7 ± 0.6	1.9 ± 0.9	7.3 ± 0.9
	1450	2100	0.0 - 1.0	-a-	-a-	-a-	12.0 ± 1.0
	1450	2100	3.0 - 4.0	-a-	-a-	-a-	1.3 ± 0.3
	1450	2100	6.0 - 7.0	-a-	-a-	-a-	1.0 ± 0.3
	1500	2034	0.0 - 1.0	< 6.0 ± 0.0	1.1 ± 0.6	2.0 ± 1.0	2.2 ± 0.3
	1500	2034	6.0 - 7.0	-a-	-a-	-a-	2.1 ± 0.4
	1500	2034	18.0 - 19.0	-a-	-a-	-a-	1.3 ± 0.4

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	900	1150	0.0 - 1.0	< 12.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	8.3 ± 2.1	
	900	1150	1.0 - 2.0	< 5.0 ± 0.0	1.0 ± 0.6	1.2 ± 0.7	-a-	
	900	1150	2.0 - 3.0	< 9.0 ± 0.0	1.2 ± 0.4	2.2 ± 0.9	1.2 ± 0.9	
	900	1250	0.0 - 1.0	< 6.0 ± 0.0	1.7 ± 0.7	1.5 ± 0.8	8.5 ± 1.7	
	900	1250	1.0 - 2.0	< 6.0 ± 0.0	1.9 ± 0.7	3.0 ± 1.0	-a-	
	900	1250	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.6	1.8 ± 0.8	2.4 ± 0.8	
	900	1360	0.0 - 1.0	< 5.0 ± 0.0	1.2 ± 0.5	1.8 ± 0.8	3.9 ± 1.7	
	900	1360	1.0 - 2.0	< 9.0 ± 0.0	1.2 ± 0.5	1.9 ± 0.8	-a-	
	900	1360	2.0 - 3.0	< 6.0 ± 0.0	0.8 ± 0.5	1.8 ± 0.9	2.2 ± 1.0	
	900	1450	0.0 - 1.0	14.0 ± 6.0	7.0 ± 1.0	2.0 ± 1.0	390.0 ± 40.0	*
	900	1450	1.0 - 2.0	< 6.0 ± 0.0	1.8 ± 0.7	2.0 ± 0.9	-a-	
	900	1450	2.0 - 3.0	< 6.0 ± 0.0	2.3 ± 0.7	1.7 ± 0.9	48.0 ± 4.0	*
	900	1450	4.0 - 5.0	< 13.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.4 ± 0.7	
	900	1450	9.0 - 10.0	< 8.0 ± 0.0	1.1 ± 0.5	4.0 ± 1.0	1.4 ± 0.5	
	900	1801	0.5 - 1.0	38.0 ± 10.0	21.0 ± 2.0	< 1.0 ± 0.0	3500 ± 100.0	*
	900	1801	1.0 - 2.0	13.0 ± 6.0	9.0 ± 1.0	1.0 ± 1.0	-a-	
	900	1801	2.0 - 3.0	8.0 ± 0.8	3.2 ± 0.8	1.7 ± 0.9	110.0 ± 10.0	*
	900	1801	3.0 - 4.0	< 8.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.3	
	900	1801	4.0 - 5.0	< 9.0 ± 0.0	1.5 ± 0.6	1.3 ± 0.8	1.2 ± 0.2	
	900	1801	5.0 - 6.0	< 13.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	3.1 ± 0.6	
	900	1801	6.0 - 7.0	< 5.0 ± 0.0	1.6 ± 0.5	0.9 ± 0.6	1.0 ± 0.5	
	900	1801	9.0 - 9.3	< 10.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.5 ± 0.4	
	920	1750	1.0 - 2.0	< 7.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	1.2 ± 0.9	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	920	1750	2.0 - 3.0	< 9.0 ± 0.0	1.3 ± 0.4	2.4 ± 0.9	1.3 ± 0.7
	920	1750	3.0 - 4.0	< 5.0 ± 0.0	1.0 ± 0.6	1.3 ± 0.7	1.5 ± 0.5
	920	1750	4.0 - 5.0	< 10.0 ± 0.0	1.7 ± 0.6	1.6 ± 0.8	1.5 ± 0.7
	942	1850	0.5 - 1.0	< 5.0 ± 0.0	1.2 ± 0.6	1.3 ± 0.6	1.5 ± 0.6
	942	1850	2.0 - 3.0	< 4.0 ± 0.0	1.0 ± 0.5	1.7 ± 0.7	-a-
	942	1850	3.0 - 4.0	< 10.0 ± 0.0	1.9 ± 0.6	2.0 ± 0.8	-a-
	942	1850	4.0 - 5.0	< 4.0 ± 0.0	1.0 ± 0.4	1.2 ± 0.7	0.9 ± 0.3
	942	1850	7.0 - 8.0	< 5.0 ± 0.0	0.5 ± 0.4	1.0 ± 0.6	1.4 ± 0.4
	942	1850	8.0 - 9.0	< 8.0 ± 0.0	1.3 ± 0.4	2.0 ± 0.7	-a-
	942	1850	9.0 - 10.0	< 4.0 ± 0.0	0.8 ± 0.5	1.0 ± 0.7	-a-
	942	1950	1.0 - 2.0	< 6.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	-a-
	942	1950	2.0 - 3.0	< 4.0 ± 0.0	1.1 ± 0.4	1.5 ± 0.7	-a-
	942	1950	3.0 - 4.0	< 10.0 ± 0.0	1.4 ± 0.5	3.0 ± 1.0	-a-
	942	1950	4.0 - 5.0	< 4.0 ± 0.0	0.9 ± 0.4	1.6 ± 0.6	0.7 ± 0.7
	942	1950	5.0 - 6.0	< 5.0 ± 0.0	1.0 ± 0.5	1.1 ± 0.8	-a-
	942	1950	6.0 - 7.0	< 9.0 ± 0.0	1.8 ± 0.6	2.2 ± 0.9	-a-
	942	1950	7.0 - 8.0	< 5.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.6	1.8 ± 0.8
	942	1950	8.0 - 9.0	< 16.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	-a-
	950	1250	0.0 - 1.0	< 11.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.9	1.4 ± 0.8
	950	1250	1.0 - 2.0	< 6.0 ± 0.0	1.3 ± 0.6	1.9 ± 0.9	-a-
	950	1250	2.0 - 3.0	< 6.0 ± 0.0	1.0 ± 0.6	< 1.0 ± 0.0	1.2 ± 0.7
	950	1450	0.0 - 1.0	< 10.0 ± 0.0	1.6 ± 0.7	1.0 ± 1.0	24.0 ± 1.0 *
	950	1450	1.0 - 2.0	< 16.0 ± 0.0	1.8 ± 0.8	2.0 ± 1.0	-a-
	950	1450	2.0 - 3.0	< 6.0 ± 0.0	0.7 ± 0.5	1.8 ± 0.9	2.1 ± 0.3
	950	1500	0.0 - 1.0	< 5.0 ± 0.0	0.9 ± 0.5	1.1 ± 0.9	3.6 ± 0.8
	950	1500	1.0 - 2.0	< 11.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	-a-
	950	1500	2.0 - 3.0	< 5.0 ± 0.0	0.8 ± 0.5	1.2 ± 0.7	-a-
	950	1500	3.0 - 4.0	< 10.0 ± 0.0	2.5 ± 0.6	2.5 ± 0.9	1.2 ± 0.5
	950	1500	4.0 - 5.0	< 4.0 ± 0.0	0.8 ± 0.5	1.0 ± 0.8	-a-

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	950	1500	5.0 - 6.0	< 11.0 ± 0.0	2.1 ± 0.6	3.0 ± 1.0	-a-
	950	1500	6.0 - 7.0	< 4.0 ± 0.0	1.1 ± 0.5	1.2 ± 0.7	-a-
	950	1500	7.0 - 8.0	< 4.0 ± 0.0	1.1 ± 0.4	1.3 ± 0.6	0.7 ± 0.3
	950	1500	8.0 - 9.0	< 23.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	-a-
	950	1650	0.0 - 1.0	< 17.0 ± 0.0	2.0 ± 2.0	< 3.0 ± 0.0	5.9 ± 0.7
	950	1650	1.0 - 2.0	< 12.0 ± 0.0	1.9 ± 0.7	2.0 ± 1.0	-a-
	950	1650	2.0 - 3.0	< 5.0 ± 0.0	1.0 ± 0.5	1.2 ± 0.8	-a-
	950	1650	3.0 - 4.0	< 5.0 ± 0.0	1.0 ± 0.6	1.2 ± 0.9	-a-
	950	1650	4.0 - 5.0	< 9.0 ± 0.0	1.3 ± 0.6	1.8 ± 0.8	1.5 ± 0.5
	950	1650	5.0 - 6.0	< 11.0 ± 0.0	2.9 ± 0.7	4.0 ± 1.0	-a-
	950	1650	6.0 - 7.0	< 8.0 ± 0.0	2.3 ± 0.6	1.3 ± 0.7	-a-
	950	1650	7.0 - 8.0	< 8.0 ± 0.0	1.3 ± 0.4	1.4 ± 0.7	-a-
	950	1650	8.0 - 9.0	< 16.0 ± 0.0	1.6 ± 0.7	< 1.0 ± 0.0	2.1 ± 0.5
	950	1650	10.0 - 11.0	< 14.0 ± 0.0	3.1 ± 0.8	< 1.0 ± 0.0	-a-
	950	1850	0.5 - 1.0	< 8.0 ± 0.0	3.0 ± 0.9	2.0 ± 2.0	190.0 ± 10.0 *
	950	1850	1.0 - 2.0	< 8.0 ± 0.0	1.0 ± 0.6	1.3 ± 0.9	-a-
	950	1850	2.0 - 3.0	< 10.0 ± 0.0	1.5 ± 0.6	2.0 ± 0.8	12.0 ± 1.0
	988	1656	0.0 - 1.0	< 10.0 ± 0.0	1.3 ± 0.6	< 1.0 ± 0.0	15.0 ± 1.0
	988	1656	1.0 - 2.0	< 6.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.8	1.6 ± 0.5
	988	1656	2.0 - 3.0	< 8.0 ± 0.0	2.4 ± 0.8	3.0 ± 1.0	1.8 ± 0.5
	988	1656	3.0 - 4.0	< 7.0 ± 0.0	0.9 ± 0.7	2.2 ± 0.9	1.4 ± 0.5
	988	1656	4.0 - 5.0	< 5.0 ± 0.0	0.9 ± 0.6	1.3 ± 0.8	1.6 ± 0.7
	988	1656	7.0 - 8.0	< 8.0 ± 0.0	1.3 ± 0.5	2.4 ± 0.8	0.8 ± 0.3
	1000	1150	0.0 - 1.0	< 10.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	0.6 ± 0.6
	1000	1150	1.0 - 2.0	< 5.0 ± 0.0	0.8 ± 0.5	1.4 ± 0.8	-a-
	1000	1150	2.0 - 3.0	< 10.0 ± 0.0	1.7 ± 0.5	< 1.0 ± 0.0	2.4 ± 1.1
	1000	1300	0.0 - 1.0	< 6.0 ± 0.0	1.1 ± 0.6	1.3 ± 0.9	2.2 ± 0.9
	1000	1300	1.0 - 2.0	< 9.0 ± 0.0	1.8 ± 0.6	2.0 ± 0.8	-a-
	1000	1300	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.5	2.1 ± 0.9	-a-

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Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1000	1300	3.0 - 4.0	< 10.0 ± 0.0	1.6 ± 0.5	2.5 ± 0.9	-a-	
	1000	1300	4.0 - 5.0	< 8.0 ± 0.0	1.0 ± 0.7	1.5 ± 0.9	1.3 ± 0.4	
	1000	1300	5.0 - 6.0	< 4.0 ± 0.0	1.2 ± 0.4	1.6 ± 0.7	-a-	
	1000	1300	6.0 - 7.0	< 8.0 ± 0.0	1.1 ± 0.5	1.8 ± 0.8	-a-	
	1000	1300	7.0 - 8.0	< 4.0 ± 0.0	1.5 ± 0.5	1.3 ± 0.6	-a-	
	1000	1300	8.0 - 9.0	< 20.0 ± 0.0	3.0 ± 2.0	3.0 ± 3.0	1.0 ± 0.4	
	1000	1350	0.5 - 1.0	< 5.0 ± 0.0	0.7 ± 0.5	1.5 ± 0.8	5.2 ± 1.3	
	1000	1350	1.0 - 2.0	< 12.0 ± 0.0	1.6 ± 0.7	1.6 ± 0.8	-a-	
	1000	1350	2.0 - 3.0	< 7.0 ± 0.0	1.2 ± 0.6	1.7 ± 0.9	1.7 ± 0.7	
	1000	1550	0.5 - 1.0	< 8.0 ± 0.0	2.9 ± 0.8	1.8 ± 0.9	5.8 ± 0.6	
	1000	1550	1.0 - 2.0	< 11.0 ± 0.0	1.7 ± 0.6	3.0 ± 1.0	-a-	
	1000	1550	2.0 - 3.0	< 5.0 ± 0.0	1.4 ± 0.6	3.0 ± 1.0	3.1 ± 0.5	
	1000	1750	1.0 - 2.0	< 11.0 ± 0.0	2.2 ± 0.6	1.2 ± 0.8	1.3 ± 0.3	
	1000	1750	2.0 - 3.0	< 11.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	1.1 ± 0.3	
	1000	1750	3.0 - 4.0	-a-	-a-	-a-	1.3 ± 0.6	
	1000	1750	4.0 - 5.0	< 7.0 ± 0.0	1.5 ± 0.5	1.1 ± 0.8	1.4 ± 0.3	
	1000	1750	5.0 - 6.0	< 5.0 ± 0.0	0.8 ± 0.5	0.8 ± 0.7	1.1 ± 0.2	
	1000	1750	6.0 - 7.0	-a-	-a-	-a-	1.1 ± 0.3	
	1000	1800	0.5 - 1.0	< 9.0 ± 0.0	2.5 ± 0.6	1.9 ± 0.8	160.0 ± 10.0	*
	1000	1800	1.0 - 2.0	< 9.0 ± 0.0	1.2 ± 0.8	2.0 ± 1.0	-a-	
	1000	1800	2.0 - 3.0	5.0 ± 3.0	2.4 ± 0.7	1.8 ± 0.9	140.0 ± 10.0	*
	1000	1950	0.0 - 1.0	< 8.0 ± 0.0	1.8 ± 0.9	3.0 ± 1.0	45.0 ± 2.0	*
	1000	1950	1.0 - 2.0	< 10.0 ± 0.0	2.0 ± 0.7	2.6 ± 0.9	-a-	
	1000	1950	2.0 - 3.0	< 11.0 ± 0.0	1.9 ± 0.6	< 1.0 ± 0.0	3.0 ± 0.8	
	1002	1806	0.0 - 1.0	9.0 ± 7.0	2.9 ± 0.7	0.8 ± 0.6	240.0 ± 10.0	*
	1002	1806	1.0 - 2.0	< 5.0 ± 0.0	1.2 ± 0.5	1.9 ± 0.7	0.8 ± 0.7	
	1002	1806	2.0 - 3.0	< 4.0 ± 0.0	1.0 ± 0.4	1.3 ± 0.5	1.5 ± 0.6	
	1002	1806	3.0 - 4.0	< 5.0 ± 0.0	1.0 ± 0.6	1.8 ± 0.7	1.1 ± 0.4	
	1002	1806	7.0 - 8.0	< 6.0 ± 0.0	1.3 ± 0.4	0.9 ± 0.6	0.9 ± 0.3	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1002	1806	14.0 - 15.0	< 5.0 ± 0.0	1.2 ± 0.5	1.1 ± 0.7	0.9 ± 0.2	
	1040	1400	0.0 - 1.0	< 9.0 ± 0.0	1.4 ± 0.6	2.5 ± 0.8	19.0 ± 1.0	*
	1040	1400	1.0 - 2.0	< 12.0 ± 0.0	1.0 ± 1.0	2.0 ± 1.0	2.4 ± 1.0	
	1040	1400	2.0 - 3.0	< 8.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.3 ± 0.7	
	1040	1400	3.0 - 4.0	< 14.0 ± 0.0	1.5 ± 0.7	1.0 ± 1.0	1.6 ± 0.4	
	1040	1400	4.0 - 5.0	< 7.0 ± 0.0	0.6 ± 0.4	2.0 ± 0.7	1.2 ± 0.6	
	1040	1400	9.0 - 9.3	< 26.0 ± 0.0	2.1 ± 1.0	3.0 ± 2.0	1.0 ± 0.4	
	1042	1626	0.0 - 1.0	< 10.0 ± 0.0	1.3 ± 0.5	3.0 ± 1.0	6.9 ± 0.7	
	1042	1626	1.0 - 2.0	< 9.0 ± 0.0	1.9 ± 0.6	1.6 ± 0.9	-a-	
	1042	1626	2.0 - 3.0	< 6.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	3.4 ± 1.1	
	1044	1500	0.0 - 1.0	< 5.0 ± 0.0	1.0 ± 0.5	1.9 ± 0.8	20.0 ± 1.0	*
	1044	1500	1.0 - 2.0	< 10.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.5 ± 0.3	
	1044	1500	2.0 - 3.0	< 11.0 ± 0.0	2.0 ± 1.0	3.0 ± 1.0	1.1 ± 0.7	
	1044	1500	3.0 - 4.0	< 7.0 ± 0.0	1.9 ± 0.8	1.9 ± 0.9	1.3 ± 0.3	
	1044	1500	4.0 - 5.0	< 9.0 ± 0.0	1.9 ± 0.6	2.5 ± 0.8	1.7 ± 0.7	
	1044	1500	9.0 - 9.5	< 8.0 ± 0.0	1.0 ± 0.8	2.0 ± 1.0	0.9 ± 0.3	
	1045	1250	0.0 - 1.0	< 4.0 ± 0.0	1.3 ± 0.5	1.2 ± 0.7	3.1 ± 0.4	
	1045	1250	1.0 - 2.0	< 8.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.8	-a-	
	1045	1250	2.0 - 3.0	< 5.0 ± 0.0	1.7 ± 0.6	2.1 ± 0.7	29.0 ± 2.0	*
	1045	1602	0.0 - 1.0	< 10.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	53.0 ± 3.0	*
	1045	1602	1.0 - 2.0	< 10.0 ± 0.0	0.9 ± 0.8	3.0 ± 1.0	1.9 ± 0.6	
	1045	1602	2.0 - 3.0	< 23.0 ± 0.0	4.0 ± 2.0	3.0 ± 2.0	8.9 ± 1.0	
	1045	1602	3.0 - 4.0	< 7.0 ± 0.0	3.2 ± 0.8	2.0 ± 1.0	1.1 ± 0.7	
	1045	1602	4.0 - 5.0	< 9.0 ± 0.0	1.7 ± 0.5	1.1 ± 0.7	1.5 ± 0.5	
	1045	1602	9.0 - 10.0	< 6.0 ± 0.0	1.5 ± 0.6	2.1 ± 0.9	0.8 ± 0.3	
	1047	1450	0.0 - 1.0	< 7.0 ± 0.0	1.0 ± 0.6	1.6 ± 0.8	76.0 ± 3.0	*
	1047	1450	1.0 - 2.0	< 9.0 ± 0.0	1.6 ± 0.5	1.6 ± 0.7	-a-	
	1047	1450	2.0 - 3.0	< 5.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.7	4.0 ± 0.6	
	1049	1250	0.0 - 1.0	-a-	-a-	-a-	9.8 ± 0.8	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1049	1250	3.0 - 4.0	-a-	-a-	-a-	1.4 ± 0.3	
	1050	1100	1.0 - 2.0	-a-	-a-	-a-	0.9 ± 0.3	
	1050	1806	0.0 - 1.0	< 7.0 ± 0.0	2.1 ± 0.7	1.9 ± 0.9	35.0 ± 1.0	*
	1050	1806	1.0 - 2.0	< 10.0 ± 0.0	1.9 ± 0.8	2.0 ± 1.0	1.7 ± 0.3	
	1050	1806	2.0 - 3.0	< 5.0 ± 0.0	1.2 ± 0.6	1.6 ± 0.8	1.7 ± 0.5	
	1050	1806	3.0 - 4.0	< 14.0 ± 0.0	2.2 ± 0.7	1.9 ± 0.9	1.4 ± 0.4	
	1050	1806	4.0 - 4.6	< 9.0 ± 0.0	1.1 ± 0.5	2.1 ± 0.8	1.2 ± 0.9	
	1050	1806	8.0 - 9.0	< 8.0 ± 0.0	1.2 ± 0.4	1.7 ± 0.6	1.1 ± 0.4	
	1050	1850	0.5 - 1.0	< 9.0 ± 0.0	2.2 ± 0.6	1.0 ± 0.9	32.0 ± 1.0	*
	1050	1850	1.0 - 2.0	< 8.0 ± 0.0	1.9 ± 0.8	2.0 ± 1.0	-a-	
	1050	1850	2.0 - 3.0	< 9.0 ± 0.0	1.9 ± 0.6	2.0 ± 0.8	5.3 ± 0.6	
	1100	1950	0.0 - 1.0	< 6.0 ± 0.0	1.6 ± 0.7	1.4 ± 0.9	27.0 ± 2.0	*
	1100	1950	1.0 - 2.0	< 15.0 ± 0.0	3.0 ± 1.0	< 1.0 ± 0.0	-a-	
	1100	1950	2.0 - 3.0	< 8.0 ± 0.0	1.6 ± 0.7	2.0 ± 1.0	1.9 ± 0.4	
	1136	1387	0.0 - 1.0	< 9.0 ± 0.0	2.2 ± 0.6	1.6 ± 0.7	36.0 ± 3.0	*
	1136	1387	1.0 - 2.0	-a-	-a-	-a-	6.9 ± 1.1	
	1136	1387	2.0 - 3.0	-a-	-a-	-a-	8.4 ± 1.0	
	1136	1387	3.0 - 4.0	-a-	-a-	-a-	2.0 ± 0.7	
	1150	1300	1.0 - 2.0	-a-	-a-	-a-	1.0 ± 0.5	
	1153	1950	0.8 - 1.0	< 14.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.6 ± 0.7	
	1153	1950	4.0 - 5.0	< 5.0 ± 0.0	1.3 ± 0.5	1.0 ± 0.8	1.7 ± 0.6	
	1153	1950	9.0 - 10.0	< 8.0 ± 0.0	1.6 ± 0.7	1.3 ± 0.8	1.4 ± 0.7	
	1154	1856	0.3 - 1.0	< 7.0 ± 0.0	3.0 ± 1.0	4.0 ± 2.0	3.8 ± 1.1	
	1154	1856	1.0 - 2.0	< 5.0 ± 0.0	1.1 ± 0.5	1.9 ± 0.8	1.5 ± 0.3	
	1154	1856	2.0 - 3.0	< 11.0 ± 0.0	1.2 ± 0.4	1.8 ± 0.6	1.6 ± 0.9	
	1154	1856	3.0 - 4.0	< 21.0 ± 0.0	3.0 ± 2.0	< 2.0 ± 0.0	2.3 ± 0.4	
	1154	1856	4.0 - 5.0	< 10.0 ± 0.0	2.0 ± 1.0	2.0 ± 2.0	1.1 ± 0.6	
	1154	1856	7.0 - 7.5	< 9.0 ± 0.0	2.0 ± 0.8	< 1.0 ± 0.0	1.3 ± 0.7	
	1165	1175	1.0 - 2.0	-a-	-a-	-a-	0.6 ± 0.2	

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Radionuclide Concentrations in Soil
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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1200	1900	0.0 - 1.0	< 6.0 ± 0.0	1.7 ± 0.7	< 1.0 ± 0.0	1.4 ± 1.0	
	1200	1900	4.0 - 5.0	< 13.0 ± 0.0	2.4 ± 0.9	5.0 ± 1.0	0.4 ± 0.3	
	1200	1900	8.0 - 9.0	< 7.0 ± 0.0	1.2 ± 0.8	2.0 ± 1.0	1.3 ± 0.4	
	1221	1387	0.0 - 1.0	-a-	-a-	-a-	41.0 ± 2.0	*
	1221	1387	1.0 - 2.0	-a-	-a-	-a-	5.5 ± 1.2	
	1221	1387	2.0 - 3.0	-a-	-a-	-a-	1.6 ± 0.6	
	1221	1387	3.0 - 4.0	-a-	-a-	-a-	7.2 ± 1.2	
	1250	1850	0.5 - 1.0	< 9.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.7	4.4 ± 1.0	
	1250	1850	1.0 - 2.0	< 5.0 ± 0.0	1.0 ± 0.4	1.3 ± 0.6	1.0 ± 0.4	
	1250	1850	2.0 - 3.0	< 9.0 ± 0.0	2.0 ± 1.0	4.0 ± 1.0	0.9 ± 0.4	
	1250	1850	3.0 - 4.0	< 5.0 ± 0.0	1.2 ± 0.6	0.9 ± 0.7	4.9 ± 1.5	
	1250	1850	6.0 - 6.8	< 17.0 ± 0.0	2.3 ± 0.9	4.0 ± 2.0	1.2 ± 0.6	
	1250	1950	0.2 - 1.0	< 40.0 ± 0.0	4.0 ± 2.0	< 3.0 ± 0.0	1.0 ± 0.4	
	1250	1950	3.0 - 4.0	< 13.0 ± 0.0	2.0 ± 0.7	2.0 ± 1.0	1.3 ± 0.6	
	1250	1950	7.0 - 7.7	< 6.0 ± 0.0	1.4 ± 0.6	1.8 ± 0.8	1.0 ± 0.4	
	1300	1800	0.5 - 1.0	< 4.0 ± 0.0	1.2 ± 0.4	1.5 ± 0.7	17.0 ± 3.0	*
	1300	1800	1.0 - 2.0	< 8.0 ± 0.0	< 0.5 ± 0.0	1.0 ± 0.8	1.1 ± 0.3	
	1300	1800	2.0 - 3.0	< 8.0 ± 0.0	2.3 ± 0.9	1.5 ± 0.9	1.2 ± 0.3	
	1300	1800	3.0 - 4.0	< 7.0 ± 0.0	0.8 ± 0.6	1.4 ± 0.8	1.4 ± 0.3	
	1300	1800	4.0 - 5.0	< 11.0 ± 0.0	2.6 ± 0.9	2.0 ± 1.0	1.4 ± 0.3	
	1300	1800	5.0 - 6.0	< 9.0 ± 0.0	0.8 ± 0.4	1.7 ± 0.7	1.3 ± 0.4	
	1300	1800	9.0 - 10.0	< 3.0 ± 0.0	1.3 ± 0.5	0.8 ± 0.7	1.0 ± 0.4	
	1300	1900	0.5 - 1.0	< 11.0 ± 0.0	3.0 ± 1.0	3.0 ± 2.0	1.3 ± 0.7	
	1300	1900	1.0 - 2.0	< 11.0 ± 0.0	1.8 ± 0.7	2.2 ± 0.9	1.2 ± 0.8	
	1300	1900	2.0 - 3.0	< 6.0 ± 0.0	1.9 ± 0.6	1.0 ± 0.8	1.4 ± 0.8	
	1300	1900	3.0 - 4.0	< 11.0 ± 0.0	1.9 ± 0.7	2.0 ± 1.0	1.5 ± 1.1	
	1300	1900	4.0 - 5.0	< 10.0 ± 0.0	2.4 ± 0.7	< 1.0 ± 0.0	2.0 ± 0.7	
	1300	1900	5.0 - 6.0	< 5.0 ± 0.0	1.0 ± 0.5	0.7 ± 0.7	1.1 ± 0.3	
	1300	1900	6.0 - 7.0	< 8.0 ± 0.0	1.1 ± 0.6	1.5 ± 0.8	2.0 ± 0.8	

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Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1300	1900	7.0 - 8.0	< 5.0 ± 0.0	1.6 ± 0.4	< 1.0 ± 0.0	1.5 ± 0.9
	1300	1900	8.0 - 9.0	< 8.0 ± 0.0	1.5 ± 0.5	1.6 ± 0.7	1.0 ± 0.5
	1350	1100	1.0 - 2.0	-a-	-a-	-a-	1.0 ± 0.3
	1350	1200	1.0 - 2.0	-a-	-a-	-a-	1.6 ± 0.3
	1350	1950	0.6 - 1.0	-a-	-a-	-a-	1.1 ± 0.4
	1350	1950	4.0 - 5.0	< 18.0 ± 0.0	2.2 ± 0.8	5.0 ± 2.0	1.2 ± 0.4
	1350	1950	9.0 - 9.5	< 7.0 ± 0.0	1.2 ± 0.5	2.0 ± 1.0	1.1 ± 0.4
	1363	1574	0.0 - 1.0	-a-	-a-	-a-	5.9 ± 1.4
	1363	1574	1.0 - 2.0	-a-	-a-	-a-	1.7 ± 0.6
	1363	1574	2.0 - 3.0	-a-	-a-	-a-	1.4 ± 0.7
	1363	1574	3.0 - 4.0	-a-	-a-	-a-	2.5 ± 0.7
	1366	1800	0.0 - 1.0	-a-	-a-	-a-	12.0 ± 2.0
	1366	1800	1.0 - 2.0	-a-	-a-	-a-	2.1 ± 0.8
	1366	1800	2.0 - 3.0	-a-	-a-	-a-	0.8 ± 0.3
	1366	1800	3.0 - 4.0	-a-	-a-	-a-	1.3 ± 0.2
	1400	1550	1.0 - 2.0	-a-	-a-	-a-	1.2 ± 0.3
	1400	1750	1.0 - 2.0	-a-	-a-	-a-	0.9 ± 0.3
	1400	1900	0.5 - 1.0	< 14.0 ± 0.0	1.0 ± 0.5	4.0 ± 1.0	1.1 ± 0.3
	1400	1900	4.0 - 5.0	< 5.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.7	1.1 ± 0.7
	1400	1900	7.0 - 8.0	< 8.0 ± 0.0	1.0 ± 0.4	1.7 ± 0.7	0.9 ± 0.3
	1404	1387	0.0 - 1.0	-a-	-a-	-a-	5.5 ± 1.0
	1404	1387	1.0 - 2.0	-a-	-a-	-a-	2.2 ± 0.8
	1404	1387	2.0 - 3.0	< 7.0 ± 0.0	1.8 ± 0.5	1.9 ± 0.7	2.2 ± 0.8
	1404	1387	3.0 - 4.0	-a-	-a-	-a-	2.0 ± 0.8
	1409	1940	0.5 - 1.0	17.0 ± 7.0	10.0 ± 1.0	1.1 ± 0.9	1200 ± 100.0 *
	1415	1455	0.0 - 1.0	-a-	-a-	-a-	3.4 ± 0.8
	1415	1455	1.0 - 2.0	-a-	-a-	-a-	1.6 ± 0.6
	1415	1455	2.0 - 3.0	-a-	-a-	-a-	1.5 ± 0.9
	1415	1455	3.0 - 4.0	-a-	-a-	-a-	1.3 ± 0.7

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Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 3

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1450	1954	0.0 - 1.0	< 6.0 ± 0.0	1.2 ± 0.7	2.0 ± 1.0	3.9 ± 0.8
	1450	1954	2.0 - 3.0	< 9.0 ± 0.0	1.7 ± 0.5	2.1 ± 0.8	0.9 ± 0.4
	1450	1954	6.0 - 7.0	< 8.0 ± 0.0	1.0 ± 0.5	1.9 ± 0.7	1.1 ± 0.3
	1496	1900	0.0 - 1.5	< 9.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.2
	1496	1900	3.0 - 4.0	< 4.0 ± 0.0	1.2 ± 0.5	1.3 ± 0.7	1.1 ± 0.2
	1496	1900	6.0 - 7.0	< 5.0 ± 0.0	1.3 ± 0.6	1.6 ± 0.8	1.0 ± 0.3
	1550	1944	0.0 - 1.0	< 6.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	3.8 ± 0.6
	1550	1944	3.0 - 4.0	< 10.0 ± 0.0	1.7 ± 0.6	1.7 ± 0.7	1.1 ± 0.3
	1550	1944	6.0 - 7.0	< 8.0 ± 0.0	2.0 ± 0.5	1.3 ± 0.7	1.4 ± 0.4
	1596	1906	0.0 - 1.0	< 10.0 ± 0.0	2.0 ± 1.0	2.0 ± 1.0	1.1 ± 0.5
	1596	1906	4.0 - 5.0	< 5.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.7	1.2 ± 0.7
	1596	1906	9.0 - 10.0	< 8.0 ± 0.0	1.1 ± 0.5	2.3 ± 0.9	1.0 ± 0.4
	1600	1969	1.0 - 2.0	< 34.0 ± 0.0	4.0 ± 1.0	< 3.0 ± 0.0	9.1 ± 1.6
	1600	1969	4.0 - 5.0	< 20.0 ± 0.0	2.0 ± 0.8	5.0 ± 2.0	0.5 ± 0.4
	1600	1969	7.0 - 8.0	< 5.0 ± 0.0	0.7 ± 0.6	1.7 ± 0.8	1.0 ± 0.3
	1648	1944	0.5 - 1.0	< 37.0 ± 0.0	4.0 ± 2.0	< 3.0 ± 0.0	2.8 ± 1.1
	1648	1944	3.0 - 4.0	< 4.0 ± 0.0	1.1 ± 0.4	1.2 ± 0.7	1.3 ± 0.3
	1648	1944	7.0 - 8.0	< 7.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.6	0.9 ± 0.3
	1700	1904	0.0 - 1.0	< 6.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.7	8.0 ± 1.0
	1700	1904	4.0 - 5.0	< 9.0 ± 0.0	1.7 ± 0.5	2.5 ± 0.9	1.8 ± 0.7
	1700	1904	7.0 - 8.0	< 6.0 ± 0.0	1.3 ± 0.7	1.5 ± 0.9	1.2 ± 0.4
	1748	1944	0.5 - 1.0	< 21.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	4.0 ± 0.6
	1748	1944	4.0 - 5.0	< 5.0 ± 0.0	0.6 ± 0.4	1.0 ± 0.6	1.1 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 3

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1748	1944	9.0 - 10.0	< 8.0 ± 0.0	1.8 ± 0.5	2.0 ± 0.8	1.2 ± 0.3
	1800	1968	1.0 - 2.0	< 39.0 ± 0.0	4.0 ± 1.0	< 3.0 ± 0.0	4.9 ± 0.8
	1800	1968	5.0 - 6.0	< 5.0 ± 0.0	1.5 ± 0.6	1.3 ± 0.9	0.9 ± 0.4
	1800	1968	9.0 - 10.0	< 4.0 ± 0.0	0.8 ± 0.4	1.3 ± 0.6	1.3 ± 0.4
	1807	1912	0.5 - 1.0	< 7.0 ± 0.0	1.2 ± 0.9	2.0 ± 1.0	1.8 ± 0.4
	1807	1912	3.0 - 4.0	< 9.0 ± 0.0	1.2 ± 0.5	1.8 ± 0.8	1.2 ± 0.3
	1807	1912	6.0 - 6.4	< 11.0 ± 0.0	1.0 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.5
	1815	1500	1.0 - 2.0	-a-	-a-	-a-	1.0 ± 0.3
	1815	1700	1.0 - 2.0	-a-	-a-	-a-	1.3 ± 0.4

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 4

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1855	1953	0.0 - 1.0	< 15.0 ± 0.0	2.5 ± 0.8	3.0 ± 1.0	3.0 ± 0.7	
	1855	1953	4.0 - 5.0	< 12.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	6.1 ± 1.1	
	1855	1953	7.0 - 8.0	< 20.0 ± 0.0	3.0 ± 1.0	4.0 ± 1.0	1.0 ± 0.6	
	1898	1899	0.0 - 1.0	< 9.0 ± 0.0	1.6 ± 0.5	1.9 ± 0.8	2.0 ± 0.6	
	1898	1899	3.0 - 4.0	< 6.0 ± 0.0	0.8 ± 0.6	1.4 ± 0.8	1.3 ± 0.7	
	1898	1899	5.0 - 6.0	< 18.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	1.3 ± 0.3	
	1951	1953	0.0 - 1.0	< 10.0 ± 0.0	1.4 ± 0.5	1.2 ± 0.6	2.3 ± 0.9	
	1951	1953	4.0 - 5.0	< 14.0 ± 0.0	7.0 ± 2.0	2.0 ± 1.0	280.0 ± 10.0	*
	1951	1953	6.0 - 7.0	< 8.0 ± 0.0	1.0 ± 0.4	1.2 ± 0.7	2.1 ± 1.5	
	1951	1953	9.0 - 10.0	< 5.0 ± 0.0	1.4 ± 0.5	1.2 ± 0.7	1.9 ± 0.9	
	2000	1969	0.0 - 1.0	< 5.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.7	5.0 ± 1.0	
	2000	1969	3.0 - 3.3	< 12.0 ± 0.0	1.4 ± 0.6	3.0 ± 1.0	1.4 ± 0.8	
	2000	1969	7.0 - 7.8	< 12.0 ± 0.0	1.5 ± 0.6	1.1 ± 0.9	0.7 ± 0.5	
	2003	1909	0.0 - 1.0	< 10.0 ± 0.0	1.8 ± 0.6	2.0 ± 0.7	2.0 ± 1.0	
	2003	1909	2.0 - 3.0	< 10.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	1.0 ± 0.3	
	2003	1909	4.0 - 5.0	< 6.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.8	1.3 ± 0.3	
	2050	1955	0.0 - 1.0	< 6.0 ± 0.0	0.5 ± 0.5	< 1.0 ± 0.0	1.5 ± 0.7	
	2050	1955	5.0 - 6.0	< 6.0 ± 0.0	1.1 ± 0.6	0.7 ± 0.7	3.7 ± 0.9	
	2050	1955	11.0 - 12.0	< 8.0 ± 0.0	1.1 ± 0.5	1.1 ± 0.7	0.8 ± 0.4	
	2135	1952	0.0 - 1.0	< 14.0 ± 0.0	2.6 ± 0.8	3.0 ± 1.0	2.5 ± 0.7	
	2135	1952	4.0 - 5.0	< 15.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	17.0 ± 1.0	*
	2135	1952	9.0 - 10.0	< 5.0 ± 0.0	1.4 ± 0.4	1.2 ± 0.6	1.2 ± 0.4	
	2180	1968	0.0 - 1.0	< 5.0 ± 0.0	1.4 ± 0.6	1.4 ± 0.8	5.6 ± 1.0	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 4

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2180	1968	3.0 - 4.0	< 9.0 ± 0.0	1.3 ± 0.4	2.5 ± 0.9	1.3 ± 0.6
	2180	1968	5.0 - 6.0	< 9.0 ± 0.0	1.4 ± 0.5	2.6 ± 0.9	1.7 ± 0.8
	2200	1899	0.0 - 1.0	< 5.0 ± 0.0	1.1 ± 0.4	0.5 ± 0.3	2.2 ± 0.6
	2200	1899	3.0 - 4.0	< 11.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	1.3 ± 0.6
	2200	1899	6.0 - 7.0	< 4.0 ± 0.0	1.1 ± 0.5	1.2 ± 0.6	1.0 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Latty 5

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2250	1950	0.0 - 1.0	< 10.0 ± 0.0	2.1 ± 0.6	1.8 ± 0.8	1.5 ± 0.3
	2250	1950	3.0 - 4.0	< 6.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	1.3 ± 0.3
	2250	1950	6.0 - 7.0	< 10.0 ± 0.0	1.2 ± 0.6	2.0 ± 0.8	5.7 ± 0.6
	2300	1500	1.0 - 2.0	-a-	-a-	-a-	1.5 ± 0.4
	2300	1900	0.0 - 1.0	< 9.0 ± 0.0	1.8 ± 0.5	< 1.0 ± 0.0	1.0 ± 0.2
	2300	1900	3.0 - 4.0	< 9.0 ± 0.0	1.2 ± 0.5	4.0 ± 1.0	0.6 ± 0.3
	2300	1900	6.0 - 7.0	< 4.0 ± 0.0	1.5 ± 0.5	1.5 ± 0.6	1.1 ± 0.6
	2305	1966	0.0 - 1.0	< 7.0 ± 0.0	2.2 ± 0.8	2.0 ± 1.0	1.9 ± 0.4
	2305	1966	3.0 - 4.0	< 12.0 ± 0.0	1.3 ± 0.6	3.0 ± 1.0	2.0 ± 0.4
	2305	1966	6.0 - 7.0	< 5.0 ± 0.0	2.0 ± 0.6	1.2 ± 0.9	1.2 ± 0.3
	2350	1950	0.0 - 1.0	< 13.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	1.8 ± 0.4
	2350	1950	3.0 - 4.0	< 28.0 ± 0.0	1.6 ± 1.0	4.0 ± 2.0	1.8 ± 0.4
	2350	1950	7.0 - 8.0	< 30.0 ± 0.0	4.0 ± 1.0	4.0 ± 2.0	1.0 ± 0.3
	2450	1950	0.0 - 1.0	< 12.0 ± 0.0	1.6 ± 0.6	2.0 ± 1.0	3.4 ± 0.9
	2450	1950	3.0 - 4.0	< 5.0 ± 0.0	1.1 ± 0.5	1.0 ± 0.7	0.9 ± 0.2
	2450	1950	7.0 - 8.0	< 9.0 ± 0.0	1.9 ± 0.6	3.0 ± 1.0	0.9 ± 0.4
	2500	1966	0.0 - 1.0	< 4.0 ± 0.0	1.2 ± 0.4	< 1.0 ± 0.0	3.8 ± 0.9
	2500	1966	4.0 - 5.0	< 13.0 ± 0.0	1.9 ± 0.8	3.0 ± 1.0	0.6 ± 0.6
	2500	1966	9.0 - 10.0	< 10.0 ± 0.0	1.0 ± 0.5	1.1 ± 0.7	1.0 ± 0.5
	2550	1950	0.0 - 1.0	< 9.0 ± 0.0	1.3 ± 0.6	1.9 ± 0.8	2.6 ± 0.7
	2550	1950	3.0 - 4.0	< 23.0 ± 0.0	3.0 ± 1.0	5.0 ± 2.0	1.5 ± 0.5
	2550	1950	7.0 - 8.0	< 22.0 ± 0.0	2.0 ± 1.0	7.0 ± 2.0	1.1 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Deep Investigations at HISS - Seeger 6

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1000	950	1.0 - 2.0	< 6.0 ± 0.0	1.1 ± 0.6	3.0 ± 1.0	< 0.7 ± 0.0
	1050	950	0.5 - 1.0	< 5.0 ± 0.0	2.1 ± 0.8	4.0 ± 2.0	1.7 ± 1.0
	1050	1040	0.5 - 1.0	< 5.0 ± 0.0	2.0 ± 1.0	4.0 ± 2.0	3.0 ± 1.2
	1100	950	0.5 - 1.0	< 12.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	2.1 ± 1.0
	1100	1035	0.5 - 1.0	< 6.0 ± 0.0	< 1.0 ± 0.0	4.0 ± 2.0	5.0 ± 1.5
	1150	1000	0.5 - 1.0	< 11.0 ± 0.0	2.2 ± 0.8	3.0 ± 2.0	3.6 ± 1.3
	1200	850	1.0 - 2.0	< 13.0 ± 0.0	1.5 ± 0.8	3.0 ± 2.0	5.1 ± 1.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Table 3-26 Historic Sampling Data
Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1550	1985	0.0 - 0.5	< 11.0 ± 0.0	1.6 ± 0.7	1.3 ± 0.8	4.2 ± 1.2	
	1600	1985	0.0 - 0.5	< 11.0 ± 0.0	1.4 ± 0.7	2.0 ± 1.0	10.0 ± 1.0	*
	1650	1985	0.0 - 0.5	< 11.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	19.0 ± 1.0	*
	1700	1985	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.8	10.0 ± 1.0	*
	1750	1985	0.0 - 0.5	< 12.0 ± 0.0	1.6 ± 0.6	3.0 ± 1.0	5.8 ± 0.8	S
	1800	1985	0.0 - 0.5	< 11.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	5.7 ± 0.6	
	1800	2050	0.0 - 0.5	-a-	-a-	-a-	4.4 ± 0.8	
	1850	1985	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.5	< 1.0 ± 0.0	6.4 ± 1.0	*
	1900	1985	0.0 - 0.5	< 8.0 ± 0.0	1.9 ± 0.5	1.2 ± 0.6	9.5 ± 0.9	*
	1950	1985	0.0 - 0.5	< 9.0 ± 0.0	1.4 ± 0.5	< 1.0 ± 0.0	13.0 ± 2.0	*
	2000	1985	0.0 - 0.5	< 12.0 ± 0.0	2.1 ± 0.6	< 1.0 ± 0.0	12.0 ± 2.0	*
	2050	1985	0.0 - 0.5	< 11.0 ± 0.0	2.3 ± 0.7	2.0 ± 1.0	8.3 ± 0.7	*
	2100	1985	0.0 - 0.5	< 11.0 ± 0.0	2.6 ± 0.7	3.0 ± 1.0	8.4 ± 0.8	*
	2150	1985	0.0 - 0.5	< 11.0 ± 0.0	2.2 ± 0.7	< 1.0 ± 0.0	2.6 ± 0.7	
	2250	1985	0.0 - 0.5	< 13.0 ± 0.0	1.8 ± 0.8	2.0 ± 1.0	2.1 ± 0.7	
	2350	1985	0.0 - 0.5	< 10.0 ± 0.0	1.0 ± 0.6	3.0 ± 1.0	< 0.3 ± 0.0	
	2400	1985	0.0 - 0.5	< 11.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	2.1 ± 0.6	
	2450	1985	0.0 - 0.5	< 9.0 ± 0.0	1.8 ± 0.6	1.5 ± 0.8	7.0 ± 2.1	*
	2500	1985	0.0 - 0.5	< 8.0 ± 0.0	1.9 ± 0.7	1.4 ± 0.7	2.2 ± 0.5	
	2550	1985	0.0 - 0.5	< 5.0 ± 0.0	1.1 ± 0.5	1.6 ± 0.7	3.4 ± 0.7	
	2600	1985	0.0 - 0.5	< 11.0 ± 0.0	1.4 ± 0.6	3.0 ± 1.0	2.0 ± 0.1	
	2700	1985	0.0 - 0.5	< 12.0 ± 0.0	2.1 ± 0.7	1.5 ± 1.0	1.6 ± 0.5	
	2750	2026	0.0 - 0.1	< 11.0 ± 0.0	1.1 ± 0.6	4.0 ± 1.0	1.7 ± 0.6	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty Ave.

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	2800	1985	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.5	1.7 ± 0.9	4.0 ± 0.1
	2850	1985	0.0 - 0.5	< 11.0 ± 0.0	1.1 ± 0.6	3.0 ± 1.0	1.2 ± 0.6
	2950	1985	0.0 - 0.5	< 7.0 ± 0.0	1.8 ± 0.5	< 1.0 ± 0.0	3.4 ± 0.8
	3018	2020	0.0 - 0.5	-a-	-a-	-a-	3.1 ± 0.5
	3028	2017	0.0 - 0.5	-a-	-a-	-a-	39.0 ± 2.0 *
	3050	1985	0.0 - 0.5	< 5.0 ± 0.0	0.8 ± 0.4	0.8 ± 0.4	2.3 ± 0.7
	3100	1985	0.0 - 0.5	< 9.0 ± 0.0	1.0 ± 0.6	1.9 ± 0.8	1.4 ± 0.6
	3150	1985	0.0 - 0.5	< 6.0 ± 0.0	0.8 ± 0.5	2.0 ± 0.9	1.2 ± 0.3
	3200	1985	0.0 - 0.5	< 9.0 ± 0.0	1.2 ± 0.5	2.8 ± 0.8	1.3 ± 0.4
	3250	1985	0.0 - 0.5	< 9.0 ± 0.0	1.8 ± 0.6	1.0 ± 0.6	1.0 ± 0.7
	3300	1985	0.0 - 0.5	< 6.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	1.5 ± 0.4
	3350	1985	0.0 - 0.5	< 5.0 ± 0.0	0.6 ± 0.6	1.0 ± 0.8	1.9 ± 0.4
	3400	1985	0.0 - 0.5	< 9.0 ± 0.0	1.4 ± 0.5	2.1 ± 0.7	1.2 ± 0.3
	3450	1985	0.0 - 0.5	< 5.0 ± 0.0	1.4 ± 0.5	1.2 ± 0.7	1.3 ± 0.4
	3500	1985	0.0 - 0.5	< 11.0 ± 0.0	0.7 ± 0.5	0.9 ± 0.8	1.1 ± 0.3
	3550	1985	0.0 - 0.5	< 10.0 ± 0.0	1.8 ± 0.6	2.1 ± 0.8	1.3 ± 0.3
	3600	1985	0.0 - 0.5	< 10.0 ± 0.0	1.2 ± 0.5	2.0 ± 0.7	1.7 ± 0.7
	3650	1985	0.0 - 0.5	< 9.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.8	1.2 ± 0.5
	3700	1985	0.0 - 0.5	< 5.0 ± 0.0	1.8 ± 0.6	1.0 ± 0.6	1.7 ± 0.3
	3750	1985	0.0 - 0.5	< 5.0 ± 0.0	0.9 ± 0.5	0.8 ± 0.5	1.7 ± 0.8
	3800	1985	0.0 - 0.5	< 12.0 ± 0.0	1.2 ± 0.5	2.5 ± 0.8	0.9 ± 0.4
	3850	1985	0.0 - 0.5	< 10.0 ± 0.0	1.1 ± 0.5	1.9 ± 0.8	1.3 ± 0.4
	3900	1985	0.0 - 0.5	< 12.0 ± 0.0	1.5 ± 0.8	3.0 ± 1.0	4.1 ± 1.0
	3900	2000	0.0 - 0.5	-a-	-a-	-a-	2.7 ± 0.7
	3950	2000	0.0 - 0.5	-a-	-a-	-a-	1.2 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	300	2050	0.0 - 0.5	< 11.0 ± 0.0	1.3 ± 0.5	2.0 ± 1.0	7.3 ± 0.7	*
	300	2100	0.0 - 0.5	< 13.0 ± 0.0	2.6 ± 0.8	4.0 ± 1.0	71.0 ± 7.0	*
	300	2200	0.0 - 0.5	< 8.0 ± 0.0	2.2 ± 0.8	1.5 ± 0.8	68.0 ± 4.0	*
	300	2300	0.0 - 0.5	< 13.0 ± 0.0	3.4 ± 0.9	2.0 ± 1.0	67.0 ± 2.0	*
	300	2400	0.0 - 0.5	< 12.0 ± 0.0	2.6 ± 0.7	1.3 ± 0.7	12.0 ± 1.0	*
	300	2550	0.0 - 0.5	-a-	-a-	-a-	1.7 ± 0.4	
	300	2700	0.0 - 0.5	-a-	-a-	-a-	3.2 ± 0.9	
	350	2100	0.0 - 0.5	< 5.0 ± 0.0	1.9 ± 0.6	0.7 ± 0.5	88.0 ± 2.0	*
	350	2150	0.0 - 0.5	18.0 ± 10.0	11.0 ± 1.0	2.0 ± 1.0	750.0 ± 10.0	*
	350	2250	0.0 - 0.5	< 11.0 ± 0.0	1.0 ± 0.6	2.2 ± 0.9	13.0 ± 1.0	*
	350	2350	0.0 - 0.5	< 14.0 ± 0.0	1.6 ± 0.8	3.0 ± 1.0	6.5 ± 0.8	*
	385	2100	0.0 - 0.5	< 7.0 ± 0.0	1.3 ± 0.7	2.0 ± 0.9	3.0 ± 1.1	
	391	2094	0.0 - 0.5	< 12.0 ± 0.0	1.4 ± 0.7	1.6 ± 0.9	1.8 ± 0.5	
	400	2088	0.0 - 0.5	< 12.0 ± 0.0	1.6 ± 0.8	3.0 ± 1.0	4.5 ± 1.0	S
	400	2100	0.0 - 0.5	< 12.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	250.0 ± 10.0	*
	400	2150	0.0 - 0.5	-a-	-a-	-a-	4.0 ± 0.6	
	400	2200	0.0 - 0.5	-a-	-a-	-a-	24.0 ± 2.0	*
	450	2100	0.0 - 0.5	< 6.0 ± 0.0	1.7 ± 0.6	0.8 ± 0.6	120.0 ± 10.0	*
	450	2200	0.0 - 0.5	-a-	-a-	-a-	143.0 ± 4.0	*
	450	2250	0.0 - 0.5	< 7.0 ± 0.0	2.3 ± 0.6	1.9 ± 0.7	49.0 ± 2.0	*
	450	2300	0.0 - 0.5	-a-	-a-	-a-	64.0 ± 2.0	*
	450	2400	0.0 - 0.5	< 14.0 ± 0.0	2.3 ± 0.8	3.0 ± 1.0	9.9 ± 1.0	*
	475	2075	0.0 - 0.5	< 12.0 ± 0.0	2.9 ± 0.8	4.0 ± 1.0	2.7 ± 0.8	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	500	2150	0.0 - 0.5	< 12.0 ± 0.0	2.9 ± 0.8	4.0 ± 1.0	25.0 ± 2.0	*
	500	2200	0.0 - 0.5	-a-	-a-	-a-	3.8 ± 0.6	
	500	2250	0.0 - 0.5	-a-	-a-	-a-	153.0 ± 3.0	*
	500	2350	0.0 - 0.5	< 8.0 ± 0.0	1.8 ± 0.5	3.0 ± 1.0	30.0 ± 2.0	*
	500	2550	0.0 - 0.5	-a-	-a-	-a-	0.8 ± 0.4	
	500	2700	0.0 - 0.5	-a-	-a-	-a-	0.9 ± 0.5	
	550	2100	0.0 - 0.5	< 10.0 ± 0.0	2.7 ± 0.7	< 1.0 ± 0.0	150.0 ± 10.0	*
	550	2250	0.0 - 0.5	-a-	-a-	-a-	71.0 ± 2.0	*
	550	2300	0.0 - 0.5	-a-	-a-	-a-	7.3 ± 1.4	*
	550	2400	0.0 - 0.5	< 12.0 ± 0.0	2.5 ± 0.8	3.0 ± 1.0	4.1 ± 0.5	
	600	2200	0.0 - 0.5	-a-	-a-	-a-	537.0 ± 7.0	*
	600	2300	0.0 - 0.5	-a-	-a-	-a-	5.8 ± 0.7	
	600	2350	0.0 - 0.5	< 10.0 ± 0.0	2.1 ± 0.7	< 1.0 ± 0.0	40.0 ± 2.0	*
	645	2300	0.0 - 0.5	< 9.0 ± 0.0	1.9 ± 0.5	< 1.0 ± 0.0	6.5 ± 0.8	*
	650	2100	0.0 - 0.5	-a-	-a-	-a-	107.0 ± 3.0	*
	650	2150	0.0 - 0.5	< 6.0 ± 0.0	1.9 ± 0.6	0.8 ± 0.5	99.0 ± 3.0	*
	658	2050	0.0 - 0.5	-a-	-a-	-a-	390.0 ± 10.0	*
	690	2550	0.0 - 0.5	-a-	-a-	-a-	1.0 ± 0.4	
	690	2700	0.0 - 0.5	-a-	-a-	-a-	1.6 ± 0.5	
	750	2100	0.0 - 0.5	-a-	-a-	-a-	314.0 ± 5.0	*
	750	2450	0.0 - 0.5	-a-	-a-	-a-	1.2 ± 0.3	
	750	2800	0.0 - 0.5	-a-	-a-	-a-	2.9 ± 0.5	
	800	2100	0.0 - 0.5	-a-	-a-	-a-	236.0 ± 4.0	*
	850	2100	0.0 - 0.5	-a-	-a-	-a-	383.0 ± 6.0	*
	885	2700	0.0 - 0.5	-a-	-a-	-a-	1.3 ± 0.4	
	900	2100	0.0 - 0.5	-a-	-a-	-a-	192.0 ± 7.0	*
	950	2100	0.0 - 0.5	-a-	-a-	-a-	174.0 ± 4.0	*
	950	2800	0.0 - 0.5	-a-	-a-	-a-	6.3 ± 0.6	*
	1000	2100	0.0 - 0.5	-a-	-a-	-a-	363.0 ± 6.0	*

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 1

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1050	2100	0.0 - 0.5	-a-	-a-	-a-	810.0 ± 10.0 *
	1100	2100	0.0 - 0.5	-a-	-a-	-a-	389.0 ± 5.0 *
	1100	2700	0.0 - 0.5	-a-	-a-	-a-	3.0 ± 0.6
	1150	2800	0.0 - 0.5	-a-	-a-	-a-	2.2 ± 0.6
	1250	2050	0.0 - 0.5	-a-	-a-	-a-	1.9 ± 0.4
	1250	2100	0.0 - 0.5	-a-	-a-	-a-	24.0 ± 2.0 *
	1250	2132	0.0 - 0.5	< 12.0 ± 0.0	2.5 ± 0.8	2.0 ± 1.0	94.0 ± 5.0 *
	1275	2500	0.0 - 0.5	-a-	-a-	-a-	2.1 ± 0.4
	1275	2650	0.0 - 0.5	-a-	-a-	-a-	4.0 ± 0.5
	1300	2050	0.0 - 0.5	-a-	-a-	-a-	1.9 ± 0.4
	1300	2100	0.0 - 0.5	-a-	-a-	-a-	115.0 ± 4.0 *
	1300	2150	0.0 - 0.5	< 14.0 ± 0.0	2.4 ± 1.3	5.0 ± 1.0	24.0 ± 2.0 *
	1300	2250	0.0 - 0.5	-a-	-a-	-a-	0.9 ± 0.3
	1300	2800	0.0 - 0.5	-a-	-a-	-a-	5.1 ± 0.7
	1315	2350	0.0 - 0.5	-a-	-a-	-a-	5.0 ± 0.6
	1347	2200	0.0 - 0.5	< 14.0 ± 0.0	2.8 ± 0.8	2.0 ± 1.0	8.4 ± 0.8 *
	1431	2300	0.0 - 0.5	-a-	-a-	-a-	3.7 ± 0.9

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	900	1100	0.0 - 0.5	< 6.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	30.0 ± 2.0 *
B53C23	900	1200	0.0 - 0.5	< 14.0 ± 0.0	1.8 ± 0.7	4.0 ± 1.0	22.0 ± 3.0 *
	900	1250	0.0 - 0.5	< 11.0 ± 0.0	1.4 ± 0.7	3.0 ± 1.0	30.0 ± 4.0 *
	900	1300	0.0 - 0.5	6.0 ± 4.0	2.7 ± 0.8	1.3 ± 0.9	54.0 ± 4.0 *
	900	1400	0.0 - 0.5	< 12.0 ± 0.0	1.7 ± 0.6	1.9 ± 0.9	17.0 ± 3.0 *
	900	1450	0.0 - 0.5	35.0 ± 13.0	18.0 ± 2.0	2.0 ± 2.0	1100 ± 100.0 *
	900	1500	0.0 - 0.5	33.0 ± 12.0	15.0 ± 2.0	3.0 ± 1.0	1700 ± 200.0 *
	900	1590	0.0 - 0.5	13.0 ± 9.0	15.0 ± 2.0	1.0 ± 1.0	1600 ± 100.0 *
	900	1801	0.0 - 0.5	100.0 ± 23.0	89.0 ± 5.0	< 3.0 ± 0.0	5700 ± 400.0 *
	900	1850	0.0 - 0.5	12.0 ± 6.0	6.0 ± 1.0	2.4 ± 0.9	660.0 ± 70.0 *
	900	1900	0.0 - 0.5	< 14.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	120.0 ± 10.0 *
	900	1950	0.0 - 0.5	< 7.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	89.0 ± 8.0 *
	920	1750	0.0 - 0.5	< 6.0 ± 0.0	0.8 ± 0.6	1.0 ± 0.6	13.0 ± 1.0 *
	942	1850	0.0 - 0.5	< 4.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.7	8.1 ± 1.8 *
	942	1950	0.0 - 0.5	< 6.0 ± 0.0	1.5 ± 0.6	1.1 ± 0.7	8.3 ± 1.0 *
	950	1100	0.0 - 0.5	< 4.0 ± 0.0	2.0 ± 0.6	1.6 ± 0.7	27.0 ± 7.0 *
	950	1150	0.0 - 0.5	< 11.0 ± 0.0	2.2 ± 0.6	1.8 ± 0.9	12.0 ± 2.0 *
	950	1200	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 1.0	3.0 ± 1.0	71.0 ± 3.0 *
	950	1300	0.0 - 0.5	< 9.0 ± 0.0	1.6 ± 0.5	1.7 ± 0.8	8.8 ± 2.3 *
	950	1350	0.0 - 0.5	< 5.0 ± 0.0	2.2 ± 0.7	2.7 ± 0.9	27.0 ± 6.0 *
	950	1400	0.0 - 0.5	< 11.0 ± 0.0	1.6 ± 0.7	1.3 ± 0.9	15.0 ± 2.0 *
	950	1550	0.0 - 0.5	< 6.0 ± 0.0	2.2 ± 0.8	2.3 ± 0.9	66.0 ± 11.0 *
	950	1590	0.0 - 0.5	6.0 ± 3.0	2.3 ± 0.7	1.8 ± 0.9	67.0 ± 10.0 *

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	950	1850	0.0 - 0.5	< 8.0 ± 0.0	4.0 ± 1.0	1.9 ± 0.8	530.0 ± 10.0	*
	950	1900	0.0 - 0.5	7.0 ± 6.0	5.0 ± 1.0	2.0 ± 1.0	510.0 ± 50.0	*
	950	1950	0.0 - 0.5	< 9.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	180.0 ± 20.0	*
	1000	1100	0.0 - 0.5	< 7.0 ± 0.0	2.0 ± 0.7	1.0 ± 1.0	5.0 ± 1.6	
	1000	1200	0.0 - 0.5	< 10.0 ± 0.0	1.6 ± 0.6	2.4 ± 0.9	6.6 ± 1.3	*
	1000	1250	0.0 - 0.5	< 6.0 ± 0.0	2.0 ± 0.7	2.0 ± 1.0	3.2 ± 1.0	
	1000	1350	0.0 - 0.5	< 9.0 ± 0.0	1.7 ± 0.5	1.2 ± 0.7	7.2 ± 1.1	*
	1000	1400	0.0 - 0.5	< 5.0 ± 0.0	1.5 ± 0.6	2.0 ± 0.9	3.4 ± 0.9	
	1000	1450	0.0 - 0.5	< 10.0 ± 0.0	1.2 ± 0.7	1.8 ± 0.9	36.0 ± 5.0	*
	1000	1500	0.0 - 0.5	< 10.0 ± 0.0	2.1 ± 0.6	1.9 ± 0.8	37.0 ± 3.0	*
	1000	1550	0.0 - 0.5	< 11.0 ± 0.0	1.3 ± 0.6	3.0 ± 1.0	6.1 ± 1.0	S
	1000	1600	0.0 - 0.5	< 8.0 ± 0.0	3.0 ± 1.0	1.4 ± 0.9	200.0 ± 10.0	*
	1000	1650	0.0 - 0.5	< 11.0 ± 0.0	4.0 ± 1.0	1.2 ± 1.0	250.0 ± 10.0	*
	1000	1800	0.0 - 0.5	9.0 ± 4.0	4.0 ± 1.0	3.0 ± 1.0	130.0 ± 10.0	*
	1000	1850	0.0 - 0.5	< 9.0 ± 0.0	2.1 ± 0.7	1.4 ± 0.9	200.0 ± 10.0	*
	1000	1900	0.0 - 0.5	7.0 ± 3.0	2.4 ± 0.7	2.0 ± 1.0	71.0 ± 12.0	*
	1003	1814	0.0 - 0.5	< 8.0 ± 0.0	4.0 ± 0.8	2.0 ± 1.0	410.0 ± 10.0	*
	1015	1490	0.0 - 0.5	< 13.0 ± 0.0	3.6 ± 0.9	3.0 ± 1.0	220.0 ± 10.0	*
	1017	1525	0.0 - 0.5	< 10.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	270.0 ± 10.0	*
	1018	1466	0.0 - 0.5	< 9.0 ± 0.0	3.1 ± 0.8	1.1 ± 0.8	140.0 ± 10.0	*
	1020	1541	0.0 - 0.5	< 5.0 ± 0.0	1.9 ± 0.6	1.7 ± 0.7	240.0 ± 10.0	*
	1030	1425	0.0 - 0.5	< 11.0 ± 0.0	2.8 ± 0.9	1.3 ± 1.0	230.0 ± 20.0	*
	1033	1484	0.0 - 0.5	< 7.0 ± 0.0	1.8 ± 0.7	1.6 ± 0.8	160.0 ± 10.0	*
	1039	1592	0.0 - 0.5	< 12.0 ± 0.0	2.2 ± 0.8	1.4 ± 0.8	230.0 ± 10.0	*
	1046	1602	0.0 - 0.5	< 14.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	920.0 ± 20.0	*
	1048	1400	0.0 - 0.5	< 10.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	48.0 ± 3.0	*
	1048	1450	0.0 - 0.5	< 7.0 ± 0.0	5.0 ± 1.0	1.6 ± 0.8	210.0 ± 10.0	*
	1048	1500	0.0 - 0.5	5.0 ± 4.0	3.3 ± 0.8	2.1 ± 0.8	69.0 ± 6.0	*
	1048	1550	0.0 - 0.5	< 10.0 ± 0.0	3.4 ± 0.9	2.1 ± 0.9	140.0 ± 20.0	*

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1048	1600	0.0 - 0.5	< 10.0 ± 0.0	2.0 ± 0.6	3.0 ± 1.0	140.0 ± 10.0 *
	1048	1616	0.0 - 0.5	< 13.0 ± 0.0	5.0 ± 1.0	1.5 ± 0.9	1070 ± 20.0 *
	1050	1100	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.6	< 1.0 ± 0.0	28.0 ± 4.0 *
	1050	1150	0.0 - 0.5	< 9.0 ± 0.0	2.9 ± 0.7	1.7 ± 0.8	25.0 ± 2.0 *
	1050	1200	0.0 - 0.5	< 10.0 ± 0.0	3.0 ± 1.0	2.0 ± 1.0	32.0 ± 3.0 *
	1050	1300	0.0 - 0.5	< 16.0 ± 0.0	4.0 ± 1.0	2.0 ± 1.0	30.0 ± 3.0 *
	1050	1350	0.0 - 0.5	< 7.0 ± 0.0	3.5 ± 0.9	1.3 ± 0.7	290.0 ± 10.0 *
	1050	1800	0.0 - 0.5	< 11.0 ± 0.0	2.0 ± 0.7	1.9 ± 0.8	62.0 ± 4.0 *
	1050	1850	0.0 - 0.5	< 11.0 ± 0.0	1.1 ± 0.6	0.8 ± 0.7	39.0 ± 3.0 *
	1050	1950	0.0 - 0.5	< 8.0 ± 0.0	1.7 ± 0.7	2.0 ± 1.0	44.0 ± 4.0 *
	1085	1200	0.0 - 0.5	< 5.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	9.1 ± 1.1 *
	1090	1290	0.0 - 0.5	< 6.0 ± 0.0	2.8 ± 0.9	2.0 ± 1.0	31.0 ± 2.0 *
	1090	1300	0.0 - 0.5	< 4.0 ± 0.0	2.8 ± 0.8	5.0 ± 1.0	32.0 ± 1.0 *
	1090	1327	0.0 - 0.5	< 9.0 ± 0.0	1.8 ± 0.7	2.0 ± 1.0	28.0 ± 1.0 *
	1090	1835	0.0 - 0.5	< 13.0 ± 0.0	3.0 ± 0.9	2.0 ± 1.0	180.0 ± 10.0 *
	1094	1186	0.0 - 0.5	< 8.0 ± 0.0	2.1 ± 0.8	2.0 ± 1.0	17.0 ± 1.0 *
	1100	1100	0.0 - 0.5	< 6.0 ± 0.0	2.1 ± 0.9	-a-	9.5 ± 1.0 *
B53C27	1100	1200	0.0 - 0.5	< 12.0 ± 0.0	2.0 ± 0.9	2.0 ± 0.9	22.0 ± 2.0 *
	1100	1300	0.0 - 0.5	< 11.0 ± 0.0	5.0 ± 1.0	1.9 ± 0.9	130.0 ± 10.0 *
	1100	1850	0.0 - 0.5	< 10.0 ± 0.0	1.7 ± 0.5	2.6 ± 0.9	14.0 ± 3.0 *
	1110	1171	0.0 - 0.5	< 13.0 ± 0.0	4.0 ± 1.0	3.0 ± 1.0	20.0 ± 1.0 *
	1150	1200	0.0 - 0.5	< 5.0 ± 0.0	2.5 ± 0.8	2.0 ± 1.0	14.0 ± 2.0 *
	1150	1300	0.0 - 0.5	< 9.0 ± 0.0	5.0 ± 1.0	2.0 ± 1.0	140.0 ± 10.0 *
	1150	1350	0.0 - 0.5	< 5.0 ± 0.0	3.0 ± 1.0	5.0 ± 1.0	56.0 ± 4.0 *
	1150	1850	0.0 - 0.5	< 9.0 ± 0.0	0.9 ± 0.5	1.9 ± 0.8	84.0 ± 5.0 *
	1162	1175	0.0 - 0.5	< 5.0 ± 0.0	1.9 ± 0.7	2.0 ± 1.0	13.0 ± 1.0 *
R11-12	1200	1100	0.0 - 0.5	< 13.0 ± 0.0	2.0 ± 0.7	2.0 ± 1.0	8.9 ± 1.6 *
B53C22	1200	1200	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.9	2.0 ± 1.0	14.0 ± 2.0 *
	1200	1300	0.0 - 0.5	< 10.0 ± 0.0	1.7 ± 0.8	2.0 ± 1.0	25.0 ± 2.0 *

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 2

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1200	1850	0.0 - 0.5	< 11.0 ± 0.0	1.9 ± 0.7	1.5 ± 0.7	68.0 ± 3.0 *
	1228	1845	0.0 - 0.5	< 13.0 ± 0.0	2.6 ± 0.8	3.0 ± 1.0	47.0 ± 8.0 *
	1250	1200	0.0 - 0.5	< 6.0 ± 0.0	1.6 ± 0.8	2.0 ± 1.0	15.0 ± 1.0 *
	1250	1300	0.0 - 0.5	< 4.0 ± 0.0	2.0 ± 0.6	4.0 ± 1.0	1.5 ± 0.7
	1250	1850	0.0 - 0.5	< 4.0 ± 0.0	1.3 ± 0.5	1.8 ± 0.7	48.0 ± 3.0 *
	1285	1835	0.0 - 0.5	< 13.0 ± 0.0	5.0 ± 1.0	1.0 ± 1.0	22.0 ± 2.0 *
	1300	1800	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.5	2.7 ± 0.9	30.0 ± 2.0 *
	1300	1850	0.0 - 0.5	< 5.0 ± 0.0	1.3 ± 0.5	0.7 ± 0.7	40.0 ± 2.0 *
	1350	1100	0.0 - 0.5	< 13.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	6.8 ± 1.3 *
	1350	1200	0.0 - 0.5	< 14.0 ± 0.0	2.0 ± 0.8	4.0 ± 2.0	13.0 ± 1.0 *
	1350	1350	0.0 - 0.5	< 5.0 ± 0.0	1.8 ± 0.6	1.0 ± 1.0	3.8 ± 0.5
	1400	1550	0.0 - 0.5	< 4.0 ± 0.0	3.0 ± 1.0	3.0 ± 1.0	48.0 ± 2.0 *
	1400	1750	0.0 - 0.5	< 9.0 ± 0.0	2.5 ± 0.9	2.0 ± 1.0	44.0 ± 1.0 *
	1409	1940	0.0 - 0.5	< 8.0 ± 0.0	2.7 ± 0.8	1.6 ± 0.8	180.0 ± 10.0 *
	1410	1933	0.0 - 0.5	< 9.0 ± 0.0	4.2 ± 0.9	1.1 ± 0.9	390.0 ± 10.0 *
	1420	1885	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.7	1.2 ± 0.9	60.0 ± 2.0 *
	1423	1898	0.0 - 0.5	< 6.0 ± 0.0	1.1 ± 0.5	< 1.0 ± 0.0	12.0 ± 2.0 *

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 3

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1450	1200	0.0 - 0.5	-a-	-a-	-a-	31.0 ± 1.0	*
	1450	1350	0.0 - 0.5	-a-	-a-	-a-	1.6 ± 0.3	
	1450	1500	0.0 - 0.5	-a-	-a-	-a-	1.3 ± 0.4	
	1450	1650	0.0 - 0.5	-a-	-a-	-a-	1.1 ± 0.4	
	1450	1800	0.0 - 0.5	-a-	-a-	-a-	1.0 ± 0.5	
	1500	1950	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.6	2.0 ± 1.0	4.1 ± 0.8	
	1525	1740	0.0 - 0.5	-a-	-a-	-a-	1.0 ± 0.4	
	1540	1500	0.0 - 0.5	-a-	-a-	-a-	0.2 ± 0.1	
	1550	1100	0.0 - 0.5	-a-	-a-	-a-	3.1 ± 0.4	
	1550	1200	0.0 - 0.5	-a-	-a-	-a-	12.0 ± 1.0	*
	1550	1350	0.0 - 0.5	-a-	-a-	-a-	1.3 ± 0.4	
	1600	1950	0.0 - 0.5	< 12.0 ± 0.0	1.4 ± 0.7	3.0 ± 1.0	5.6 ± 1.3	S
	1650	1200	0.0 - 0.5	-a-	-a-	-a-	2.8 ± 0.4	
	1650	1300	0.0 - 0.5	-a-	-a-	-a-	1.6 ± 0.5	
	1700	1950	0.0 - 0.5	< 5.0 ± 0.0	1.4 ± 0.5	1.1 ± 0.5	15.0 ± 2.0	*
	1750	1150	0.0 - 0.5	-a-	-a-	-a-	11.0 ± 1.0	*
	1750	1250	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.7	3.0 ± 1.0	6.8 ± 0.7	*
	1800	1350	0.0 - 0.5	-a-	-a-	-a-	0.7 ± 0.2	
	1800	1500	0.0 - 0.5	< 10.0 ± 0.0	2.3 ± 0.7	1.6 ± 0.8	8.4 ± 0.9	*
	1800	1950	0.0 - 0.5	< 11.0 ± 0.0	2.1 ± 0.7	1.2 ± 0.6	3.5 ± 0.7	
	1812	1700	0.0 - 0.5	< 4.0 ± 0.0	3.0 ± 1.0	4.0 ± 1.0	8.6 ± 1.4	*
	1815	1600	0.0 - 0.5	-a-	-a-	-a-	6.7 ± 0.7	*

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 4

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1850	1800	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.6	1.0 ± 0.9	5.2 ± 0.7
	1900	1600	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.6	1.7 ± 0.8	2.4 ± 0.4
	1900	1950	0.0 - 0.5	< 4.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.8	2.1 ± 0.4
	1978	1975	0.0 - 0.5	< 12.0 ± 0.0	10.0 ± 2.0	3.0 ± 1.0	460.0 ± 10.0 *
	2000	1525	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.6	< 1.0 ± 0.0	4.3 ± 0.8
	2000	1950	0.0 - 0.5	< 10.0 ± 0.0	2.0 ± 0.6	1.1 ± 0.6	2.2 ± 0.7
	2050	1950	0.0 - 0.5	< 4.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.8	1.8 ± 0.7
	2100	1525	0.0 - 0.5	< 7.0 ± 0.0	1.8 ± 0.7	1.9 ± 0.9	2.5 ± 0.3
	2100	1950	0.0 - 0.5	< 5.0 ± 0.0	1.5 ± 0.5	1.4 ± 0.7	1.2 ± 0.3

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Latty 5

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	2250	1500	0.0 - 0.5	< 7.0 ± 0.0	1.9 ± 0.7	1.6 ± 0.9	3.2 ± 0.5	
	2250	1550	0.0 - 0.5	-a-	-a-	-a-	1.3 ± 0.3	
	2250	1950	0.0 - 0.5	< 5.0 ± 0.0	0.7 ± 0.5	0.8 ± 0.7	9.0 ± 0.8	*
	2270	1475	0.0 - 0.5	-a-	-a-	-a-	2.9 ± 0.5	
	2300	1500	0.0 - 0.5	< 7.0 ± 0.0	1.7 ± 0.7	1.3 ± 0.7	12.0 ± 1.0	*
	2300	1550	0.0 - 0.5	-a-	-a-	-a-	2.7 ± 0.6	
	2300	1600	0.0 - 0.5	< 6.0 ± 0.0	0.8 ± 0.6	1.0 ± 0.8	2.8 ± 0.3	
	2350	1500	0.0 - 0.5	-a-	-a-	-a-	1.2 ± 0.3	
	2400	1950	0.0 - 0.5	< 10.0 ± 0.0	1.6 ± 0.5	2.1 ± 0.9	1.4 ± 0.4	
	2500	1950	0.0 - 0.5	< 5.0 ± 0.0	0.9 ± 0.5	1.1 ± 0.7	5.2 ± 0.6	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Seeger 6

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1000	650	0.0 - 0.5	< 10.0 ± 0.0	1.6 ± 0.5	2.3 ± 0.9	2.2 ± 0.4	
	1000	700	0.0 - 0.5	< 8.0 ± 0.0	1.9 ± 0.5	1.8 ± 0.6	1.0 ± 0.3	
	1000	750	0.0 - 0.5	< 5.0 ± 0.0	0.4 ± 0.4	1.0 ± 0.7	1.5 ± 0.4	
	1000	800	0.0 - 0.5	< 11.0 ± 0.0	1.7 ± 0.6	2.0 ± 1.0	4.3 ± 0.6	
	1000	850	0.0 - 0.5	< 7.0 ± 0.0	1.7 ± 0.7	2.1 ± 0.9	4.2 ± 0.7	
	1000	900	0.0 - 0.5	< 5.0 ± 0.0	0.7 ± 0.5	< 1.0 ± 0.0	4.4 ± 1.0	
	1000	950	0.0 - 0.5	6.0 ± 4.0	2.7 ± 0.8	2.3 ± 0.9	21.0 ± 3.0	*
	1000	1000	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	4.6 ± 1.1	
	1050	650	0.0 - 0.5	< 14.0 ± 0.0	1.4 ± 0.6	< 2.0 ± 0.0	1.8 ± 0.5	
	1050	700	0.0 - 0.5	< 9.0 ± 0.0	1.4 ± 0.5	2.0 ± 1.0	1.7 ± 0.4	
	1050	750	0.0 - 0.5	< 6.0 ± 0.0	0.8 ± 0.5	2.5 ± 0.8	3.0 ± 0.5	
	1050	800	0.0 - 0.5	< 6.0 ± 0.0	0.9 ± 0.5	1.4 ± 0.7	1.7 ± 0.4	
	1050	850	0.0 - 0.5	< 11.0 ± 0.0	1.5 ± 0.6	2.0 ± 1.0	2.5 ± 0.7	
	1050	900	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.6	1.3 ± 0.8	4.9 ± 0.7	
	1050	950	0.0 - 0.5	< 14.0 ± 0.0	< 1.0 ± 0.0	< 1.0 ± 0.0	7.9 ± 2.4	*
	1050	1000	0.0 - 0.5	< 6.0 ± 0.0	1.1 ± 0.5	1.5 ± 0.9	2.9 ± 0.8	
	1050	1040	0.0 - 0.5	< 14.0 ± 0.0	< 1.0 ± 0.0	3.0 ± 2.0	7.3 ± 2.3	*
	1100	650	0.0 - 0.5	< 10.0 ± 0.0	1.4 ± 0.6	1.7 ± 0.7	1.8 ± 0.3	
	1100	700	0.0 - 0.5	< 9.0 ± 0.0	1.7 ± 0.6	0.8 ± 0.6	2.0 ± 0.3	
	1100	750	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.5	< 1.0 ± 0.0	1.2 ± 0.6	
	1100	800	0.0 - 0.5	< 8.0 ± 0.0	1.6 ± 0.6	1.8 ± 0.9	2.4 ± 0.4	
	1100	850	0.0 - 0.5	< 11.0 ± 0.0	1.1 ± 0.5	2.0 ± 1.0	3.3 ± 0.5	
	1100	900	0.0 - 0.5	< 7.0 ± 0.0	1.2 ± 0.6	< 1.0 ± 0.0	3.1 ± 0.5	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Seeger 6

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
	1100	950	0.0 - 0.5	< 12.0 ± 0.0	2.2 ± 0.7	2.0 ± 1.0	9.0 ± 1.0	*
	1100	1000	0.0 - 0.5	< 6.0 ± 0.0	1.8 ± 0.8	2.0 ± 2.0	2.4 ± 1.4	
	1100	1034	0.0 - 0.5	< 6.0 ± 0.0	0.9 ± 0.5	0.9 ± 0.7	9.1 ± 0.9	*
	1100	1035	0.0 - 0.5	< 10.0 ± 0.0	2.0 ± 1.0	3.0 ± 2.0	6.3 ± 2.1	*
	1150	650	0.0 - 0.5	< 8.0 ± 0.0	1.0 ± 0.5	1.3 ± 0.7	1.6 ± 0.3	
	1150	700	0.0 - 0.5	< 9.0 ± 0.0	1.3 ± 0.6	1.9 ± 0.9	1.7 ± 0.3	
	1150	750	0.0 - 0.5	< 10.0 ± 0.0	0.8 ± 0.6	2.1 ± 0.9	1.4 ± 0.4	
	1150	800	0.0 - 0.5	< 10.0 ± 0.0	1.7 ± 0.7	1.2 ± 0.8	1.6 ± 0.3	
	1150	850	0.0 - 0.5	< 10.0 ± 0.0	1.4 ± 0.5	1.8 ± 0.7	2.5 ± 0.5	
	1150	900	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.5	1.7 ± 0.7	2.8 ± 0.6	
	1150	950	0.0 - 0.5	< 13.0 ± 0.0	2.2 ± 0.6	1.3 ± 0.7	3.1 ± 0.7	
	1150	1000	0.0 - 0.5	< 7.0 ± 0.0	1.6 ± 0.7	1.3 ± 0.9	8.8 ± 0.8	*
	1150	1030	0.0 - 0.5	< 5.0 ± 0.0	0.8 ± 0.6	2.0 ± 2.0	1.4 ± 1.1	
	1200	650	0.0 - 0.5	< 11.0 ± 0.0	1.8 ± 0.6	1.9 ± 0.8	2.3 ± 0.3	
	1200	700	0.0 - 0.5	< 8.0 ± 0.0	1.5 ± 0.6	3.0 ± 1.0	1.7 ± 0.4	
	1200	750	0.0 - 0.5	< 10.0 ± 0.0	1.4 ± 0.6	2.0 ± 0.8	1.4 ± 0.3	
	1200	800	0.0 - 0.5	< 11.0 ± 0.0	2.0 ± 0.6	1.9 ± 0.9	1.5 ± 0.3	
	1200	850	0.0 - 0.5	< 9.0 ± 0.0	2.2 ± 0.6	1.9 ± 0.8	9.3 ± 0.9	*
	1200	900	0.0 - 0.5	< 7.0 ± 0.0	1.7 ± 0.6	1.8 ± 0.8	2.5 ± 0.4	
	1200	950	0.0 - 0.5	< 9.0 ± 0.0	1.9 ± 0.5	2.1 ± 0.9	2.3 ± 0.6	
	1200	1000	0.0 - 0.5	< 9.0 ± 0.0	1.9 ± 0.7	3.0 ± 1.0	2.0 ± 0.5	
	1250	650	0.0 - 0.5	< 11.0 ± 0.0	1.2 ± 0.5	1.2 ± 0.8	2.3 ± 0.3	
	1250	700	0.0 - 0.5	< 8.0 ± 0.0	3.0 ± 0.7	2.8 ± 0.9	1.7 ± 0.3	
	1250	750	0.0 - 0.5	< 10.0 ± 0.0	1.3 ± 0.5	2.0 ± 0.8	3.0 ± 0.5	
	1250	800	0.0 - 0.5	< 8.0 ± 0.0	1.4 ± 0.6	1.4 ± 0.8	1.5 ± 0.5	
	1250	850	0.0 - 0.5	< 11.0 ± 0.0	1.2 ± 0.5	1.5 ± 0.7	2.3 ± 0.4	
	1250	900	0.0 - 0.5	< 12.0 ± 0.0	< 1.0 ± 0.0	1.3 ± 0.6	2.3 ± 0.5	
	1250	950	0.0 - 0.5	< 10.0 ± 0.0	1.5 ± 0.5	2.6 ± 0.8	2.5 ± 0.5	
	1250	1000	0.0 - 0.5	< 5.0 ± 0.0	0.7 ± 0.5	1.6 ± 0.6	2.2 ± 0.5	

Document ID(s): 20722-203B

Radionuclide Concentrations in Soil
Shallow Investigations at HISS - Seeger 6

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
	1300	700	0.0 - 0.5	< 5.0 ± 0.0	1.2 ± 0.5	< 1.0 ± 0.0	1.6 ± 0.4
	1300	1000	0.0 - 0.5	< 6.0 ± 0.0	1.4 ± 0.6	1.9 ± 0.9	2.4 ± 0.4
	1320	700	0.0 - 0.5	< 6.0 ± 0.0	1.2 ± 0.6	0.9 ± 0.6	1.6 ± 0.3
	1320	1000	0.0 - 0.5	< 6.0 ± 0.0	1.3 ± 0.6	1.9 ± 0.9	2.2 ± 0.4

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.

S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.

-a- Analysis not requested.

Document ID(s): 20722-203B

Table 3-27 Field Sampling Plan Sampling Data
Radionuclide Concentrations in Soil
Shallow Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)
H01701	308	1837	0.0 - 0.5	14.5 ± 0.0	1.4 ± 0.2	1.3 ± 0.3	20.9 ± 2.2 *
H02001	429	1270	0.0 - 0.5	2.3 ± 2.0	2.2 ± 0.7	0.7 ± 0.0	124.1 ± 5.3 *
H00501	560	1810	0.0 - 0.5	12.1 ± 0.0	1.1 ± 0.1	1.0 ± 0.3	1.1 ± 0.7
H01801	691	2085	0.0 - 0.5	1.2 ± 0.2	1.1 ± 0.2	0.5 ± 0.0	63.4 ± 3.5 *
H01901	1115	2028	0.0 - 0.5	2.3 ± 0.0	1.1 ± 0.2	0.4 ± 0.0	1.0 ± 0.5

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Table 3-28 Field Sampling Plan Sampling Data
Radionuclide Concentrations in Soil
Deep Investigations at HISS

Location ID	Coordinates East	Coordinates North	Sample Interval (in feet)	Concentrations Uranium-238 (pCi/g ± 2σ)	Radium-226 (pCi/g ± 2σ)	Thorium-232 (pCi/g ± 2σ)	Thorium-230 (pCi/g ± 2σ)	
H01702	308	1837	2.0 - 4.0	3.9 ± 0.0	1.2 ± 0.4	0.9 ± 0.5	1.1 ± 0.6	
H01703	308	1837	10.0 - 12.0	10.7 ± 0.0	0.9 ± 0.0	0.8 ± 0.1	0.5 ± 0.4	
H02002	429	1270	2.0 - 4.0	22.3 ± 0.0	3.0 ± 0.3	1.7 ± 0.4	52.3 ± 3.5	*
DT0033	429	1270	2.0 - 4.0	10.6 ± 3.4	2.7 ± 0.5	1.9 ± 0.9	53.7 ± 3.6	*
H02003	429	1270	10.0 - 12.0	12.0 ± 0.0	1.1 ± 0.0	1.2 ± 0.3	3.7 ± 1.0	
H00502	560	1810	2.0 - 4.0	19.9 ± 0.0	5.2 ± 0.7	0.9 ± 0.2	278.4 ± 8.3	*
H00503	560	1810	10.0 - 12.0	11.0 ± 0.0	1.6 ± 0.2	0.8 ± 0.1	32.7 ± 2.9	*
H01802	691	2085	2.0 - 4.0	4.5 ± 0.0	0.7 ± 0.0	1.3 ± 0.4	3.5 ± 0.9	
H01804	691	2085	10.0 - 12.0	5.8 ± 0.0	1.6 ± 0.4	0.8 ± 0.4	1.5 ± 0.7	
H01902	1115	2028	2.0 - 4.0	6.7 ± 0.0	0.8 ± 0.2	1.1 ± 0.1	0.6 ± 0.4	
H01903	1115	2028	5.0 - 7.0	6.9 ± 0.0	0.9 ± 0.1	0.9 ± 0.1	1.5 ± 0.6	

* The radionuclide result exceeded the 5/15 pCi/gm guideline after background has been subtracted.
S The sum of the ratios of the radionuclides exceeded the 5/15 pCi/gm guideline after background has been subtracted.
-a- Analysis not requested.

Note: Results reported with an uncertainty of 2σ=0 are the actual reported MDA values.

Table 3-29 Field Sampling Plan Sampling Data
Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01702	HISS17S	308	1837	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H01702	HISS17S	308	1837	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H01702	HISS17S	308	1837	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H01702	HISS17S	308	1837	"	2,4,5-T	5.0 U	UG/L
H01702	HISS17S	308	1837	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H01702	HISS17S	308	1837	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H01702	HISS17S	308	1837	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H01702	HISS17S	308	1837	"	2,4-D	10.0 U	UG/L
H01702	HISS17S	308	1837	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H01702	HISS17S	308	1837	"	2-BUTANONE	100.0 U	UG/L
H01702	HISS17S	308	1837	"	2-METHYLPHENOL	100.0 U	UG/L
H01702	HISS17S	308	1837	"	4-METHYLPHENOL	100.0 U	UG/L
H01702	HISS17S	308	1837	"	ALPHA CHLORDANE	1.5 U	UG/L
H01702	HISS17S	308	1837	"	ARSENIC	100.0 U	UG/L
H01702	HISS17S	308	1837	"	BARIUM	875.0 =	UG/L
H01702	HISS17S	308	1837	"	BENZENE	50.0 U	UG/L
H01702	HISS17S	308	1837	"	CADMIUM	5.0 U	UG/L
H01702	HISS17S	308	1837	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H01702	HISS17S	308	1837	"	CHLOROBENZENE	50.0 U	UG/L
H01702	HISS17S	308	1837	"	CHLOROFORM	50.0 U	UG/L
H01702	HISS17S	308	1837	"	CHROMIUM	10.0 U	UG/L
H01702	HISS17S	308	1837	"	ENDRIN	0.3 U	UG/L
H01702	HISS17S	308	1837	"	GAMMA CHLORDANE	1.5 U	UG/L
H01702	HISS17S	308	1837	"	GAMMA-BHC (LINDANE)	0.2 U	UG/L
H01702	HISS17S	308	1837	"	HEPT. EPOXIDE	0.2 U	UG/L
H01702	HISS17S	308	1837	"	HEPTACHLOR	0.2 U	UG/L
H01702	HISS17S	308	1837	"	HEXACHLOROBENZENE	100.0 U	UG/L

U = Below Detection Limit
= = Above Detection Limit
J = Detected, but Below Detection Limit

0 = Not Classified as RCRA Waste
5 = Classified as RCRA Waste

Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01702	HISS17S	308	1837	2.0 - 4.0	HEXACHLOROBUTADIENE	100.0 U	UG/L
H01702	HISS17S	308	1837	"	HEXACHLOROETHANE	100.0 U	UG/L
H01702	HISS17S	308	1837	"	LEAD	90.0 U	UG/L
H01702	HISS17S	308	1837	"	MERCURY	0.2 U	UG/L
H01702	HISS17S	308	1837	"	METHOXYCHLOR	1.5 U	UG/L
H01702	HISS17S	308	1837	"	NITROBENZENE	100.0 U	UG/L
H01702	HISS17S	308	1837	"	PENTACHLOROPHENOL	500.0 U	UG/L
H01702	HISS17S	308	1837	"	PYRIDINE	100.0 U	UG/L
H01702	HISS17S	308	1837	"	SELENIUM	100.0 U	UG/L
H01702	HISS17S	308	1837	"	SILVER	10.0 U	UG/L
H01702	HISS17S	308	1837	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H01702	HISS17S	308	1837	"	TOXAPHENE	2.9 U	UG/L
H01702	HISS17S	308	1837	"	TRICHLOROETHYLENE	50.0 U	UG/L
H01702	HISS17S	308	1837	"	VINYL CHLORIDE	100.0 U	UG/L
H01703	HISS17S	308	1837	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H01703	HISS17S	308	1837	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H01703	HISS17S	308	1837	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	2,4,5-T	5.0 U	UG/L
H01703	HISS17S	308	1837	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H01703	HISS17S	308	1837	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H01703	HISS17S	308	1837	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H01703	HISS17S	308	1837	"	2,4-D	10.0 U	UG/L
H01703	HISS17S	308	1837	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	2-BUTANONE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	2-METHYLPHENOL	100.0 U	UG/L
H01703	HISS17S	308	1837	"	4-METHYLPHENOL	100.0 U	UG/L
H01703	HISS17S	308	1837	"	ALPHA CHLORDANE	1.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01703	HISS17S	308	1837	10.0 - 12.0	ARSENIC	100.0 U	UG/L
H01703	HISS17S	308	1837	"	BARIUM	718.0 =	UG/L
H01703	HISS17S	308	1837	"	BENZENE	50.0 U	UG/L
H01703	HISS17S	308	1837	"	CADMIUM	5.0 U	UG/L
H01703	HISS17S	308	1837	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H01703	HISS17S	308	1837	"	CHLOROBENZENE	50.0 U	UG/L
H01703	HISS17S	308	1837	"	CHLOROFORM	50.0 U	UG/L
H01703	HISS17S	308	1837	"	CHROMIUM	10.0 U	UG/L
H01703	HISS17S	308	1837	"	ENDRIN	0.2 U	UG/L
H01703	HISS17S	308	1837	"	GAMMA CHLORDANE	1.1 U	UG/L
H01703	HISS17S	308	1837	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H01703	HISS17S	308	1837	"	HEPT. EPOXIDE	0.1 U	UG/L
H01703	HISS17S	308	1837	"	HEPTACHLOR	0.1 U	UG/L
H01703	HISS17S	308	1837	"	HEXACHLOROBENZENE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	HEXACHLOROETHANE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	LEAD	90.0 U	UG/L
H01703	HISS17S	308	1837	"	MERCURY	0.2 U	UG/L
H01703	HISS17S	308	1837	"	METHOXYCHLOR	1.1 U	UG/L
H01703	HISS17S	308	1837	"	NITROBENZENE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	PENTACHLOROPHENOL	500.0 U	UG/L
H01703	HISS17S	308	1837	"	PYRIDINE	100.0 U	UG/L
H01703	HISS17S	308	1837	"	SELENIUM	276.0 =	UG/L
H01703	HISS17S	308	1837	"	SILVER	10.0 U	UG/L
H01703	HISS17S	308	1837	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H01703	HISS17S	308	1837	"	TOXAPHENE	2.2 U	UG/L
H01703	HISS17S	308	1837	"	TRICHLOROETHYLENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01703	HISS17S	308	1837	10.0 - 12.0	VINYL CHLORIDE	100.0 U	UG/L
H02002	HISS20S	429	1270	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H02002	HISS20S	429	1270	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H02002	HISS20S	429	1270	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	2,4,5-T	5.0 U	UG/L
H02002	HISS20S	429	1270	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H02002	HISS20S	429	1270	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H02002	HISS20S	429	1270	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H02002	HISS20S	429	1270	"	2,4-D	10.0 U	UG/L
H02002	HISS20S	429	1270	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	2-BUTANONE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	2-METHYLPHENOL	100.0 U	UG/L
H02002	HISS20S	429	1270	"	4-METHYLPHENOL	100.0 U	UG/L
H02002	HISS20S	429	1270	"	ALPHA CHLORDANE	1.2 U	UG/L
H02002	HISS20S	429	1270	"	ARSENIC	100.0 U	UG/L
H02002	HISS20S	429	1270	"	BARIUM	800.0 =	UG/L
H02002	HISS20S	429	1270	"	BENZENE	50.0 U	UG/L
H02002	HISS20S	429	1270	"	CADMIUM	22.2 =	UG/L
H02002	HISS20S	429	1270	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H02002	HISS20S	429	1270	"	CHLOROBENZENE	50.0 U	UG/L
H02002	HISS20S	429	1270	"	CHLOROFORM	50.0 U	UG/L
H02002	HISS20S	429	1270	"	CHROMIUM	10.0 U	UG/L
H02002	HISS20S	429	1270	"	ENDRIN	0.2 U	UG/L
H02002	HISS20S	429	1270	"	GAMMA CHLORDANE	1.2 U	UG/L
H02002	HISS20S	429	1270	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H02002	HISS20S	429	1270	"	HEPT. EPOXIDE	0.1 U	UG/L
H02002	HISS20S	429	1270	"	HEPTACHLOR	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H02002	HISS20S	429	1270	2.0 - 4.0	HEXACHLOROBENZENE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	HEXACHLOROETHANE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	LEAD	90.0 U	UG/L
H02002	HISS20S	429	1270	"	MERCURY	0.2 U	UG/L
H02002	HISS20S	429	1270	"	METHOXYCHLOR	1.2 U	UG/L
H02002	HISS20S	429	1270	"	NITROBENZENE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	PENTACHLOROPHENOL	500.0 U	UG/L
H02002	HISS20S	429	1270	"	PYRIDINE	100.0 U	UG/L
H02002	HISS20S	429	1270	"	SELENIUM	100.0 U	UG/L
H02002	HISS20S	429	1270	"	SILVER	10.0 U	UG/L
H02002	HISS20S	429	1270	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H02002	HISS20S	429	1270	"	TOXAPHENE	2.3 U	UG/L
H02002	HISS20S	429	1270	"	TRICHLOROETHYLENE	50.0 U	UG/L
H02002	HISS20S	429	1270	"	VINYL CHLORIDE	100.0 U	UG/L
OT0033	HISS20S	429	1270	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	1,2-DICHLOROETHANE	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	2,4,5-T	5.0 U	UG/L
OT0033	HISS20S	429	1270	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
OT0033	HISS20S	429	1270	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
OT0033	HISS20S	429	1270	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	2,4-D	10.0 U	UG/L
OT0033	HISS20S	429	1270	"	2,4-DINITROTOLUENE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	2-BUTANONE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	2-METHYLPHENOL	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	4-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0033	HISS20S	429	1270	2.0 - 4.0	ALPHA CHLORDANE	1.1 U	UG/L
OT0033	HISS20S	429	1270	"	ARSENIC	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	BARIUM	766.0 =	UG/L
OT0033	HISS20S	429	1270	"	BENZENE	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	CADMIUM	5.0 U	UG/L
OT0033	HISS20S	429	1270	"	CARBON TETRACHLORIDE	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	CHLOROBENZENE	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	CHLOROFORM	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	CHROMIUM	10.0 U	UG/L
OT0033	HISS20S	429	1270	"	ENDRIN	0.2 U	UG/L
OT0033	HISS20S	429	1270	"	GAMMA CHLORDANE	1.1 U	UG/L
OT0033	HISS20S	429	1270	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
OT0033	HISS20S	429	1270	"	HEPT. EPOXIDE	0.1 U	UG/L
OT0033	HISS20S	429	1270	"	HEPTACHLOR	0.1 U	UG/L
OT0033	HISS20S	429	1270	"	HEXACHLOROBENZENE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	HEXACHLOROETHANE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	LEAD	90.0 U	UG/L
OT0033	HISS20S	429	1270	"	MERCURY	0.2 U	UG/L
OT0033	HISS20S	429	1270	"	METHOXYCHLOR	1.1 U	UG/L
OT0033	HISS20S	429	1270	"	NITROBENZENE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	PENTACHLOROPHENOL	500.0 U	UG/L
OT0033	HISS20S	429	1270	"	PYRIDINE	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	SELENIUM	100.0 U	UG/L
OT0033	HISS20S	429	1270	"	SILVER	10.0 U	UG/L
OT0033	HISS20S	429	1270	"	TETRACHLOROETHYLENE	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	TOXAPHENE	2.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
OT0033	HISS20S	429	1270	2.0 - 4.0	TRICHLOROETHYLENE	50.0 U	UG/L
OT0033	HISS20S	429	1270	"	VINYL CHLORIDE	100.0 U	UG/L
H02003	HISS20S	429	1270	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H02003	HISS20S	429	1270	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H02003	HISS20S	429	1270	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	2,4,5-T	5.0 U	UG/L
H02003	HISS20S	429	1270	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H02003	HISS20S	429	1270	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H02003	HISS20S	429	1270	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H02003	HISS20S	429	1270	"	2,4-D	10.0 U	UG/L
H02003	HISS20S	429	1270	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	2-BUTANONE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	2-METHYLPHENOL	100.0 U	UG/L
H02003	HISS20S	429	1270	"	4-METHYLPHENOL	100.0 U	UG/L
H02003	HISS20S	429	1270	"	ALPHA CHLORDANE	1.2 U	UG/L
H02003	HISS20S	429	1270	"	ARSENIC	100.0 U	UG/L
H02003	HISS20S	429	1270	"	BARIUM	779.0 =	UG/L
H02003	HISS20S	429	1270	"	BENZENE	50.0 U	UG/L
H02003	HISS20S	429	1270	"	CADMIUM	5.0 U	UG/L
H02003	HISS20S	429	1270	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H02003	HISS20S	429	1270	"	CHLOROBENZENE	50.0 U	UG/L
H02003	HISS20S	429	1270	"	CHLOROFORM	50.0 U	UG/L
H02003	HISS20S	429	1270	"	CHROMIUM	10.0 U	UG/L
H02003	HISS20S	429	1270	"	ENDRIN	0.2 U	UG/L
H02003	HISS20S	429	1270	"	GAMMA CHLORDANE	1.2 U	UG/L
H02003	HISS20S	429	1270	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H02003	HISS20S	429	1270	"	HEPT. EPOXIDE	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H02003	HISS20S	429	1270	10.0 - 12.0	HEPTACHLOR	0.1 U	UG/L
H02003	HISS20S	429	1270	"	HEXACHLOROBENZENE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	HEXACHLOROETHANE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	LEAD	90.0 U	UG/L
H02003	HISS20S	429	1270	"	MERCURY	0.2 U	UG/L
H02003	HISS20S	429	1270	"	METHOXYCHLOR	1.2 U	UG/L
H02003	HISS20S	429	1270	"	NITROBENZENE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	PENTACHLOROPHENOL	500.0 U	UG/L
H02003	HISS20S	429	1270	"	PYRIDINE	100.0 U	UG/L
H02003	HISS20S	429	1270	"	SELENIUM	259.0 =	UG/L
H02003	HISS20S	429	1270	"	SILVER	10.0 U	UG/L
H02003	HISS20S	429	1270	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H02003	HISS20S	429	1270	"	TOXAPHENE	2.4 U	UG/L
H02003	HISS20S	429	1270	"	TRICHLOROETHYLENE	50.0 U	UG/L
H02003	HISS20S	429	1270	"	VINYL CHLORIDE	100.0 U	UG/L
H00502	HISS5D	535	1731	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H00502	HISS5D	535	1731	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H00502	HISS5D	535	1731	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	2,4,5-T	5.0 U	UG/L
H00502	HISS5D	535	1731	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H00502	HISS5D	535	1731	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H00502	HISS5D	535	1731	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H00502	HISS5D	535	1731	"	2,4-D	10.0 U	UG/L
H00502	HISS5D	535	1731	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	2-BUTANONE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	2-METHYLPHENOL	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H00502	HISS5D	535	1731	2.0 - 4.0	4-METHYLPHENOL	100.0 U	UG/L
H00502	HISS5D	535	1731	"	ALPHA CHLORDANE	1.2 U	UG/L
H00502	HISS5D	535	1731	"	ARSENIC	100.0 U	UG/L
H00502	HISS5D	535	1731	"	BARIUM	2230 =	UG/L
H00502	HISS5D	535	1731	"	BENZENE	50.0 U	UG/L
H00502	HISS5D	535	1731	"	CADMIUM	5.0 U	UG/L
H00502	HISS5D	535	1731	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H00502	HISS5D	535	1731	"	CHLOROBENZENE	50.0 U	UG/L
H00502	HISS5D	535	1731	"	CHLOROFORM	50.0 U	UG/L
H00502	HISS5D	535	1731	"	CHROMIUM	10.0 U	UG/L
H00502	HISS5D	535	1731	"	ENDRIN	0.2 U	UG/L
H00502	HISS5D	535	1731	"	GAMMA CHLORDANE	1.2 U	UG/L
H00502	HISS5D	535	1731	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H00502	HISS5D	535	1731	"	HEPT. EPOXIDE	0.1 U	UG/L
H00502	HISS5D	535	1731	"	HEPTACHLOR	0.1 U	UG/L
H00502	HISS5D	535	1731	"	HEXACHLOROBENZENE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	HEXACHLOROETHANE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	LEAD	90.0 U	UG/L
H00502	HISS5D	535	1731	"	MERCURY	0.2 U	UG/L
H00502	HISS5D	535	1731	"	METHOXYCHLOR	1.2 U	UG/L
H00502	HISS5D	535	1731	"	NITROBENZENE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	PENTACHLOROPHENOL	500.0 U	UG/L
H00502	HISS5D	535	1731	"	PYRIDINE	100.0 U	UG/L
H00502	HISS5D	535	1731	"	SELENIUM	100.0 U	UG/L
H00502	HISS5D	535	1731	"	SILVER	10.0 U	UG/L
H00502	HISS5D	535	1731	"	TETRACHLOROETHYLENE	50.0 U	UG/L

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Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H00502	HISS5D	535	1731	2.0 - 4.0	TOXAPHENE	2.3 U	UG/L
H00502	HISS5D	535	1731	"	TRICHLOROETHYLENE	50.0 U	UG/L
H00502	HISS5D	535	1731	"	VINYL CHLORIDE	100.0 U	UG/L
H00503	HISS5D	535	1731	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H00503	HISS5D	535	1731	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H00503	HISS5D	535	1731	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	2,4,5-T	5.0 U	UG/L
H00503	HISS5D	535	1731	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H00503	HISS5D	535	1731	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H00503	HISS5D	535	1731	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H00503	HISS5D	535	1731	"	2,4-D	10.0 U	UG/L
H00503	HISS5D	535	1731	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	2-BUTANONE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	2-METHYLPHENOL	100.0 U	UG/L
H00503	HISS5D	535	1731	"	4-METHYLPHENOL	100.0 U	UG/L
H00503	HISS5D	535	1731	"	ALPHA CHLORDANE	1.1 U	UG/L
H00503	HISS5D	535	1731	"	ARSENIC	100.0 U	UG/L
H00503	HISS5D	535	1731	"	BARIUM	2680 =	UG/L
H00503	HISS5D	535	1731	"	BENZENE	50.0 U	UG/L
H00503	HISS5D	535	1731	"	CADMIUM	12.6 =	UG/L
H00503	HISS5D	535	1731	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H00503	HISS5D	535	1731	"	CHLOROBENZENE	50.0 U	UG/L
H00503	HISS5D	535	1731	"	CHLOROFORM	50.0 U	UG/L
H00503	HISS5D	535	1731	"	CHROMIUM	10.0 U	UG/L
H00503	HISS5D	535	1731	"	ENDRIN	0.2 U	UG/L
H00503	HISS5D	535	1731	"	GAMMA CHLORDANE	1.1 U	UG/L
H00503	HISS5D	535	1731	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H00503	HISS5D	535	1731	10.0 - 12.0	HEPT. EPOXIDE	0.1 U	UG/L
H00503	HISS5D	535	1731	"	HEPTACHLOR	0.1 U	UG/L
H00503	HISS5D	535	1731	"	HEXACHLOROBENZENE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	HEXACHLOROETHANE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	LEAD	90.0 U	UG/L
H00503	HISS5D	535	1731	"	MERCURY	0.2 U	UG/L
H00503	HISS5D	535	1731	"	METHOXYCHLOR	1.1 U	UG/L
H00503	HISS5D	535	1731	"	NITROBENZENE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	PENTACHLOROPHENOL	500.0 U	UG/L
H00503	HISS5D	535	1731	"	PYRIDINE	100.0 U	UG/L
H00503	HISS5D	535	1731	"	SELENIUM	100.0 U	UG/L
H00503	HISS5D	535	1731	"	SILVER	10.0 U	UG/L
H00503	HISS5D	535	1731	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H00503	HISS5D	535	1731	"	TOXAPHENE	2.1 U	UG/L
H00503	HISS5D	535	1731	"	TRICHLOROETHYLENE	50.0 U	UG/L
H00503	HISS5D	535	1731	"	VINYL CHLORIDE	100.0 U	UG/L
H01803	HISS18S	691	2085	4.0 - 6.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H01803	HISS18S	691	2085	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H01803	HISS18S	691	2085	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H01803	HISS18S	691	2085	"	2,4,5-T	5.0 U	UG/L
H01803	HISS18S	691	2085	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H01803	HISS18S	691	2085	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H01803	HISS18S	691	2085	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H01803	HISS18S	691	2085	"	2,4-D	10.0 U	UG/L
H01803	HISS18S	691	2085	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H01803	HISS18S	691	2085	"	2-BUTANONE	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01803	HISS18S	691	2085	4.0 - 6.0	2-METHYLPHENOL	100.0 U	UG/L
H01803	HISS18S	691	2085	"	2-METHYLPHENOL	100.0 U	UG/L
H01803	HISS18S	691	2085	"	4-METHYLPHENOL	100.0 U	UG/L
H01803	HISS18S	691	2085	"	ALPHA CHLORDANE	1.0 U	UG/L
H01803	HISS18S	691	2085	"	ARSENIC	100.0 U	UG/L
H01803	HISS18S	691	2085	"	BARIUM	1620 =	UG/L
H01803	HISS18S	691	2085	"	BENZENE	50.0 U	UG/L
H01803	HISS18S	691	2085	"	CADMIUM	5.0 U	UG/L
H01803	HISS18S	691	2085	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H01803	HISS18S	691	2085	"	CHLOROBENZENE	50.0 U	UG/L
H01803	HISS18S	691	2085	"	CHLOROFORM	50.0 U	UG/L
H01803	HISS18S	691	2085	"	CHROMIUM	10.0 U	UG/L
H01803	HISS18S	691	2085	"	ENDRIN	0.2 U	UG/L
H01803	HISS18S	691	2085	"	GAMMA CHLORDANE	1.0 U	UG/L
H01803	HISS18S	691	2085	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H01803	HISS18S	691	2085	"	HEPT. EPOXIDE	0.1 U	UG/L
H01803	HISS18S	691	2085	"	HEPTACHLOR	0.1 U	UG/L
H01803	HISS18S	691	2085	"	HEXACHLOROBENZENE	100.0 U	UG/L
H01803	HISS18S	691	2085	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H01803	HISS18S	691	2085	"	HEXACHLOROETHANE	100.0 U	UG/L
H01803	HISS18S	691	2085	"	LEAD	90.0 U	UG/L
H01803	HISS18S	691	2085	"	MERCURY	0.2 U	UG/L
H01803	HISS18S	691	2085	"	METHOXYCHLOR	1.0 U	UG/L
H01803	HISS18S	691	2085	"	NITROBENZENE	100.0 U	UG/L
H01803	HISS18S	691	2085	"	PENTACHLOROPHENOL	500.0 U	UG/L
H01803	HISS18S	691	2085	"	PYRIDINE	100.0 U	UG/L
H01803	HISS18S	691	2085	"	SELENIUM	100.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01803	HISS18S	691	2085	4.0 - 6.0	SILVER	10.0 U	UG/L
H01803	HISS18S	691	2085	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H01803	HISS18S	691	2085	"	TOXAPHENE	2.0 U	UG/L
H01803	HISS18S	691	2085	"	TRICHLOROETHYLENE	50.0 U	UG/L
H01803	HISS18S	691	2085	"	VINYL CHLORIDE	100.0 U	UG/L
H01804	HISS18S	691	2085	10.0 - 12.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H01804	HISS18S	691	2085	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H01804	HISS18S	691	2085	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	2,4,5-T	5.0 U	UG/L
H01804	HISS18S	691	2085	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H01804	HISS18S	691	2085	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H01804	HISS18S	691	2085	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H01804	HISS18S	691	2085	"	2,4-D	10.0 U	UG/L
H01804	HISS18S	691	2085	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	2-BUTANONE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	2-METHYLPHENOL	100.0 U	UG/L
H01804	HISS18S	691	2085	"	4-METHYLPHENOL	100.0 U	UG/L
H01804	HISS18S	691	2085	"	ALPHA CHLORDANE	1.0 U	UG/L
H01804	HISS18S	691	2085	"	ARSENIC	100.0 U	UG/L
H01804	HISS18S	691	2085	"	BARIUM	545.0 =	UG/L
H01804	HISS18S	691	2085	"	BENZENE	50.0 U	UG/L
H01804	HISS18S	691	2085	"	CADMIUM	5.0 U	UG/L
H01804	HISS18S	691	2085	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H01804	HISS18S	691	2085	"	CHLOROBENZENE	50.0 U	UG/L
H01804	HISS18S	691	2085	"	CHLOROFORM	50.0 U	UG/L
H01804	HISS18S	691	2085	"	CHROMIUM	10.0 U	UG/L
H01804	HISS18S	691	2085	"	ENDRIN	0.2 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01804	HISS18S	691	2085	10.0 - 12.0	GAMMA CHLORDANE	1.0 U	UG/L
H01804	HISS18S	691	2085	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H01804	HISS18S	691	2085	"	HEPT. EPOXIDE	0.1 U	UG/L
H01804	HISS18S	691	2085	"	HEPTACHLOR	0.1 U	UG/L
H01804	HISS18S	691	2085	"	HEXACHLOROBENZENE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	HEXACHLOROETHANE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	LEAD	90.0 U	UG/L
H01804	HISS18S	691	2085	"	MERCURY	0.2 U	UG/L
H01804	HISS18S	691	2085	"	METHOXYCHLOR	1.0 U	UG/L
H01804	HISS18S	691	2085	"	NITROBENZENE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	PENTACHLOROPHENOL	500.0 U	UG/L
H01804	HISS18S	691	2085	"	PYRIDINE	100.0 U	UG/L
H01804	HISS18S	691	2085	"	SELENIUM	298.0 =	UG/L
H01804	HISS18S	691	2085	"	SILVER	10.0 U	UG/L
H01804	HISS18S	691	2085	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H01804	HISS18S	691	2085	"	TOXAPHENE	2.0 U	UG/L
H01804	HISS18S	691	2085	"	TRICHLOROETHYLENE	50.0 U	UG/L
H01804	HISS18S	691	2085	"	VINYL CHLORIDE	100.0 U	UG/L
H01902	HISS19S	1115	2028	2.0 - 4.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	2,4,5-T	5.0 U	UG/L
H01902	HISS19S	1115	2028	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H01902	HISS19S	1115	2028	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H01902	HISS19S	1115	2028	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	2,4-D	10.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01902	HISS19S	1115	2028	2.0 - 4.0	2,4-DINITROTOLUENE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	2-BUTANONE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	2-METHYLPHENOL	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	4-METHYLPHENOL	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	ALPHA CHLORDANE	1.0 U	UG/L
H01902	HISS19S	1115	2028	"	ARSENIC	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	BARIUM	954.0 =	UG/L
H01902	HISS19S	1115	2028	"	BENZENE	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	CADMIUM	5.0 U	UG/L
H01902	HISS19S	1115	2028	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	CHLOROBENZENE	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	CHLOROFORM	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	CHROMIUM	10.0 U	UG/L
H01902	HISS19S	1115	2028	"	ENDRIN	0.2 U	UG/L
H01902	HISS19S	1115	2028	"	GAMMA CHLORDANE	1.0 U	UG/L
H01902	HISS19S	1115	2028	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H01902	HISS19S	1115	2028	"	HEPT. EPOXIDE	0.1 U	UG/L
H01902	HISS19S	1115	2028	"	HEPTACHLOR	0.1 U	UG/L
H01902	HISS19S	1115	2028	"	HEXACHLOROBENZENE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	HEXACHLOROETHANE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	LEAD	90.0 U	UG/L
H01902	HISS19S	1115	2028	"	MERCURY	0.2 U	UG/L
H01902	HISS19S	1115	2028	"	METHOXYCHLOR	1.0 U	UG/L
H01902	HISS19S	1115	2028	"	NITROBENZENE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	PENTACHLOROPHENOL	500.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01902	HISS19S	1115	2028	2.0 - 4.0	PENTACHLOROPHENOL	500.0 U	UG/L
H01902	HISS19S	1115	2028	"	PYRIDINE	100.0 U	UG/L
H01902	HISS19S	1115	2028	"	SELENIUM	150.0 =	UG/L
H01902	HISS19S	1115	2028	"	SILVER	10.0 U	UG/L
H01902	HISS19S	1115	2028	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	TOXAPHENE	1.9 U	UG/L
H01902	HISS19S	1115	2028	"	TRICHLOROETHYLENE	50.0 U	UG/L
H01902	HISS19S	1115	2028	"	VINYL CHLORIDE	100.0 U	UG/L
H01903	HISS19S	1115	2028	5.0 - 7.0	1,1-DICHLOROETHYLENE	50.0 U	UG/L
H01903	HISS19S	1115	2028	"	1,2-DICHLOROETHANE	50.0 U	UG/L
H01903	HISS19S	1115	2028	"	1,4-DICHLOROBENZENE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	2,4,5-T	5.0 U	UG/L
H01903	HISS19S	1115	2028	"	2,4,5-TP (SILVEX)	5.0 U	UG/L
H01903	HISS19S	1115	2028	"	2,4,5-TRICHLOROPHENOL	500.0 U	UG/L
H01903	HISS19S	1115	2028	"	2,4,6-TRICHLOROPHENOL	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	2,4-D	10.0 U	UG/L
H01903	HISS19S	1115	2028	"	2,4-DINITROTOLUENE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	2-BUTANONE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	2-METHYLPHENOL	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	4-METHYLPHENOL	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	ALPHA CHLORDANE	1.0 U	UG/L
H01903	HISS19S	1115	2028	"	ARSENIC	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	BARIUM	1560 =	UG/L
H01903	HISS19S	1115	2028	"	BENZENE	50.0 U	UG/L
H01903	HISS19S	1115	2028	"	CADMIUM	5.0 U	UG/L
H01903	HISS19S	1115	2028	"	CARBON TETRACHLORIDE	50.0 U	UG/L
H01903	HISS19S	1115	2028	"	CHLOROBENZENE	50.0 U	UG/L

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Toxicity Characteristic Leaching Procedure (TCLP) Concentrations
Soil Sampling Results at HISS

Sample ID	Location ID	Coordinates East	Coordinates North	Depth Interval (in feet)	Parameters	Results	Units
H01903	HISS19S	1115	2028	5.0 - 7.0	CHLOROFORM	50.0 U	UG/L
H01903	HISS19S	1115	2028	"	CHROMIUM	10.0 U	UG/L
H01903	HISS19S	1115	2028	"	ENDRIN	0.2 U	UG/L
H01903	HISS19S	1115	2028	"	GAMMA CHLORDANE	1.0 U	UG/L
H01903	HISS19S	1115	2028	"	GAMMA-BHC (LINDANE)	0.1 U	UG/L
H01903	HISS19S	1115	2028	"	HEPT. EPOXIDE	0.1 U	UG/L
H01903	HISS19S	1115	2028	"	HEPTACHLOR	0.1 U	UG/L
H01903	HISS19S	1115	2028	"	HEXACHLOROBENZENE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	HEXACHLOROBUTADIENE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	HEXACHLOROETHANE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	LEAD	90.0 U	UG/L
H01903	HISS19S	1115	2028	"	MERCURY	0.2 U	UG/L
H01903	HISS19S	1115	2028	"	METHOXYCHLOR	1.0 U	UG/L
H01903	HISS19S	1115	2028	"	NITROBENZENE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	PENTACHLOROPHENOL	500.0 U	UG/L
H01903	HISS19S	1115	2028	"	PYRIDINE	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	SELENIUM	100.0 U	UG/L
H01903	HISS19S	1115	2028	"	SILVER	10.0 U	UG/L
H01903	HISS19S	1115	2028	"	TETRACHLOROETHYLENE	50.0 U	UG/L
H01903	HISS19S	1115	2028	"	TOXAPHENE	1.9 U	UG/L
H01903	HISS19S	1115	2028	"	TRICHLOROETHYLENE	50.0 U	UG/L
H01903	HISS19S	1115	2028	"	VINYL CHLORIDE	100.0 U	UG/L

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Table 3-30 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling at HISS - Total Uranium (pCi/l)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
HISS-1 (W)	562	1666	12	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	12
HISS-2 (W)	784	1057	10	3	-a-	-a-	-a-	-a-	-a-	-a-	-a-	7@
HISS-3 (W)	872	1857	19	5.9	-a-	-a-	-a-	-a-	-a-	-a-	-a-	13
HISS-4 (W)	866	1641	30	13	-a-	-a-	-a-	-a-	-a-	-a-	-a-	22
HISS-5 (W)	559	1792	8	-a-	-a-	-a-	-a-	-a-	57	80	-a-	48
HISS-6 (W)	558	1864	67	71.6	33	40	50	82	48	40	46.7[b]	53
HISS-7 (W)	561	1427	13	-a-	-a-	-a-	-a-	-a-	4	10	4.6[b]	8@
HISS-8 (W)	658	1934	29	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	29
HISS-9 (W)	424	1971	-a-	25.6	<3	<3	<3	<3	<3	6	2.3[b]	5@
HISS-10 (W)	356	1510	-a-	3.1	6	4	4	5	<3	7	4.8[b]	4@
HISS-11 (W)	584	1062	-a-	<3	5	4	5	6	<3	10	4.2[b]	5@
HISS-12 (W)	724	1071	-a-	<3	4	5	6	4	4	9	4.7[b]	5@
HISS-13 (W)	861	1378	-a-	<3	8	8	8	5	5	9	5.9[b]	6@
HISS-14 (W)	866	1606	-a-	7.9	-a-	-a-	-a-	-a-	6	9	8.4[b]	8@
HISS-15 (W)	876	1823	-a-	<3	5	3	6	5	<3	9	2.9[b]	4@
HISS-16 (W)	700	1935	-a-	-a-	-a-	-a-	-a-	-a-	22	8	11.7[b]	14
HISS5D (W)	535	1731	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.1[c]	0.1@
HISS17S (W)	308	1837	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	4.6[c]	5@
HISS18S (W)	691	2085	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	8.1[c]	8*
HISS19S (W)	1115	2028	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	2.1[c]	2@
HISS20S (W)	429	1270	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	2.9[c]	3@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second and fourth quarter data
c Fourth quarter data

Table 3-30 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling at HISS - Radium-226 (pCi/l)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
HISS-1 (W)	562	1666	0.7	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.7@
HISS-2 (W)	784	1057	0.4	0.5	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.5@
HISS-3 (W)	872	1857	2.7	0.6	-a-	-a-	-a-	-a-	-a-	-a-	-a-	1.7
HISS-4 (W)	866	1641	3.2	0.1	-a-	-a-	-a-	-a-	-a-	-a-	-a-	1.7
HISS-5 (W)	559	1792	0.3	-a-	-a-	-a-	-a-	-a-	0.6	0.2	-a-	0.4@
HISS-6 (W)	558	1864	1.5	0.8	0.7	1.2	1.8	1.6	1.0	1.0	3.1[b]	1.4@
HISS-7 (W)	561	1427	1.6	-a-	-a-	-a-	-a-	-a-	1.0	1.0	1.3[b]	1.2@
HISS-8 (W)	658	1934	0.2	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.2@
HISS-9 (W)	424	1971	-a-	0.4	0.2	0.2	0.6	0.6	0.4	1.0	8.9[b]	1.5@
HISS-10 (W)	356	1510	-a-	0.2	0.1	0.2	0.4	0.3	0.2	1.0	4.5[b]	0.9@
HISS-11 (W)	584	1062	-a-	0.3	0.4	0.2	1.0	0.7	0.5	3.0	4.9[b]	1.4@
HISS-12 (W)	724	1071	-a-	0.4	0.4	0.5	1.3	0.7	0.6	1.0	2.9[b]	1.0@
HISS-13 (W)	861	1378	-a-	0.1	0.3	0.3	0.6	0.7	0.6	2.0	2.3[b]	0.9@
HISS-14 (W)	866	1606	-a-	1.1	-a-	-a-	-a-	-a-	0.8	-a-	0.9[b]	0.7@
HISS-15 (W)	876	1823	-a-	0.3	0.4	0.4	0.8	1.2	0.8	0.8	5.6[b]	1.3@
HISS-16 (W)	700	1935	-a-	-a-	-a-	-a-	-a-	-a-	0.4	2.3	4.7[b]	2.5
HISS5D (W)	535	1731	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.9[c]	0.9@
HISS17S (W)	308	1837	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.4[c]	0.4@
HISS18S (W)	691	2085	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.4[c]	0.4@
HISS19S (W)	1115	2028	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.5[c]	0.5@
HISS20S (W)	429	1270	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.4[c]	0.4@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second and fourth quarter data
c Fourth quarter data

Table 3-30 Historic Sampling Data
Radionuclide Concentrations in Groundwater
Sampling at HISS - Thorium-230 (pCi/1)

Location ID	Coordinates		Annual Averages									Average
	East	West	1984	1985	1986	1987	1988	1989	1990	1991	1992	
HISS-1 (W)	562	1666	0.9	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.9@
HISS-2 (W)	784	1057	8.7	0.8	-a-	-a-	-a-	-a-	-a-	-a-	-a-	4.8
HISS-3 (W)	872	1857	3.4	0.2	-a-	-a-	-a-	-a-	-a-	-a-	-a-	1.8
HISS-4 (W)	866	1641	0.8	3.6	-a-	-a-	-a-	-a-	-a-	-a-	-a-	2.2
HISS-5 (W)	559	1792	106.8	-a-	-a-	-a-	-a-	-a-	0.5	1.0	-a-	36.1
HISS-6 (W)	558	1864	2.2	5.5	2.6	2.9	24.0	5.0	3.7	7.7	4.5[b]	6.5
HISS-7 (W)	561	1427	1.6	-a-	-a-	-a-	-a-	-a-	0.7	3.0	1.4[b]	1.7
HISS-8 (W)	658	1934	0.8	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.8@
HISS-9 (W)	424	1971	-a-	0.2	0.6	0.2	0.2	0.2	0.2	1.0	2.7[b]	0.7@
HISS-10(W)	356	1510	-a-	0.2	0.7	0.3	0.7	0.1	0.2	0.7	2.7[b]	0.7@
HISS-11(W)	584	1062	-a-	0.9	1.3	0.8	1.5	0.7	0.4	4.0	3.4[b]	1.6
HISS-12(W)	724	1071	-a-	0.4	2.0	0.8	2.3	2.3	2.0	5.0	3.0[b]	2.2
HISS-13(W)	861	1378	-a-	0.3	1.0	0.3	0.6	0.9	0.7	2.0	7.8[b]	1.7
HISS-14(W)	866	1606	-a-	0.2	-a-	-a-	-a-	-a-	0.8	6.0	1.7[b]	2.2
HISS-15(W)	876	1823	-a-	0.5	1.3	0.8	5.7	8.6	11.0	35.8	5.4[b]	8.6
HISS-16(W)	700	1935	-a-	-a-	-a-	-a-	-a-	-a-	0.5	3.1	1.9[b]	1.8
HISS5D (W)	535	1731	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.3[c]	0.3@
HISS17S(W)	308	1837	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	<0.2[c]	0.2@
HISS18S(W)	691	2085	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	<0.3[c]	0.1@
HISS19S(W)	1115	2028	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	<0.3[c]	0.2@
HISS20S(W)	429	1270	-a-	-a-	-a-	-a-	-a-	-a-	-a-	-a-	0.15[c]	0.2@

-a- Sample not taken
Values below the Minimum Detectable Limit (MDL) are divided by 2 before averaging (EPA 1989).
* The sum of the ratios of the radionuclides exceeded DOE's derived concentration guides (DCG).
@ Below background wells tolerance limit.
b Second and fourth quarter data
c Fourth quarter data