



Department of Energy

97-273

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Ms. Mimi Garstang, Deputy Division Director
Missouri Department of Natural Resources
Division of Geology and Land Survey
P. O. Box 250
1150 Fairgrounds Road
Rolla, MO 65402-250

ST. LOUIS AIRPORT SITE (SLAPS) - SUMMARY TABLES - SOIL CHEMICAL AND RADIOLOGICAL SAMPLING RESULTS

Dear Ms. Garstang:

Please find enclosed two tables which summarize the chemical and radiological analytical results of the June 18 - 20th, 1997 soil sampling program conducted along the west end of the SLAPS.

Soil samples obtained during the June, '97 sampling campaign were collected from twenty-two locations at a grid spacing of approximately 25 ft. Soil samples were collected at 1 ft intervals to a maximum depth of 11 ft below ground surface. All samples were analyzed for radiological constituents of concern (radium-226, thorium-230 and uranium-238). A total of eight soil samples were also analyzed for chemical constituents including total metals, volatile and semi-volatile organics, polychlorinated biphenyls (PCBs) and TCLP parameters (pesticides, herbicides, semi-volatile and volatile organics, and metals). Waste characterization analyses were also performed (e.g., reactivity, corrosivity, ignitability, and paint filter tests).

Both the enclosed chemical and radiological summary tables provide the analytical results and an associated Bechtel National, Inc. (BNI) data qualifier flag:

- U = The analyte was not detected; the detection limit is reported
UJ = The analyte was not detected; the estimated value is reported.
J = The result is reported as an estimated value.

R = The result is rejected based upon quality control considerations; the analyte may or may not be present in the sample.  
‘=’ = Actual value reported; no flag also indicates actual value reported.

Please note that in the radiological results table, in some cases, two thorium-230 results are provided for a single soil sample. All soil samples submitted for radiological analyses were initially analyzed using gamma spectroscopy. However, since alpha spectroscopy can provide more accurate thorium-230 results at low activity levels, soil samples were re-analyzed for thorium-230 using alpha spectroscopy where possible.

We trust that this data satisfies your requirements at present. Should you have any questions or concerns regarding the enclosed material, please do not hesitate to contact either me or Suzanne Szojka (314) 524-7389.

Sincerely,

  
Stephen H. McCracken  
St. Louis Site Manager

cc: Mr. Ron Kucera  
Mr. Larry Erickson

Enclosure: Radiological and Chemical Summary Data Tables

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
K-3	N1050E0850	SLP0011	0	1	FT	ALPHASPEC	THORIUM-230	62.61	PCI/G	10.53		VV
K-3		SLP0011	0	1	FT	GAMMASPEC	RADIUM-226	1.8	PCI/G	0.14	J	VV
K-3		SLP0011	0	1	FT	GAMMASPEC	THORIUM-230	46.25	PCI/G	13.39		VV
K-3		SLP0011	0	1	FT	GAMMASPEC	URANIUM-238	1.94	PCI/G	1.39	UJ	VV
K-3		SLP0012	1	2	FT	ALPHASPEC	THORIUM-230	10.06	PCI/G	2.16		VV
K-3		SLP0012	1	2	FT	GAMMASPEC	RADIUM-226	0.78	PCI/G	0.07	J	VV
K-3		SLP0012	1	2	FT	GAMMASPEC	THORIUM-230	2.4	PCI/G	5.86	UJ	VV
K-3		SLP0012	1	2	FT	GAMMASPEC	URANIUM-238	0.37	PCI/G	0.78	UJ	VV
K-3		SLP0013	2	3	FT	ALPHASPEC	THORIUM-230	37.72	PCI/G	6.66		VV
K-3		SLP0013	2	3	FT	GAMMASPEC	RADIUM-226	1.18	PCI/G	0.1	J	VV
K-3		SLP0013	2	3	FT	GAMMASPEC	THORIUM-230	19.55	PCI/G	9.59		VV
K-3		SLP0013	2	3	FT	GAMMASPEC	URANIUM-238	0.9	PCI/G	0.87	UJ	VV
K-3		SLP0014	3	4	FT	ALPHASPEC	THORIUM-230	3.62	PCI/G	0.93		VV
K-3		SLP0014	3	4	FT	GAMMASPEC	RADIUM-226	0.76	PCI/G	0.07		VV
K-3		SLP0014	3	4	FT	GAMMASPEC	THORIUM-230	1.66	PCI/G	4.39	UJ	VV
K-3		SLP0014	3	4	FT	GAMMASPEC	URANIUM-238	0.82	PCI/G	0.43	UJ	VV
K-3		SLP0015	4	5	FT	ALPHASPEC	THORIUM-230	16.7	PCI/G	3.18		VV
K-3		SLP0015	4	5	FT	GAMMASPEC	RADIUM-226	0.79	PCI/G	0.07		VV
K-3		SLP0015	4	5	FT	GAMMASPEC	THORIUM-230	10.7	PCI/G	5.12		VV
K-3		SLP0015	4	5	FT	GAMMASPEC	URANIUM-238	0.82	PCI/G	0.51	UJ	VV
K-3	SLP0016	5	5	FT	ALPHASPEC	THORIUM-230	24.9	PCI/G	4.6		VV	
K-3	SLP0016	5	5	FT	GAMMASPEC	RADIUM-226	1.51	PCI/G	0.11		VV	
K-3	SLP0016	5	6	FT	GAMMASPEC	THORIUM-230	28.92	PCI/G	6		VV	
K-3	SLP0016	5	6	FT	GAMMASPEC	URANIUM-238	1.46	PCI/G	0.63	UJ	VV	
K-3	SLP0017	6	7	FT	GAMMASPEC	RADIUM-226	91.06	PCI/G	4.11		VV	
K-3	SLP0017	6	7	FT	GAMMASPEC	THORIUM-230	4042	PCI/G	392.5		VV	
K-3	SLP0017	6	7	FT	GAMMASPEC	URANIUM-238	34.12	PCI/G	4.87		VV	
K-3	SLP0018	7	8	FT	ALPHASPEC	THORIUM-230	312.2	PCI/G	56.87		VV	
K-3	SLP0018	7	8	FT	GAMMASPEC	RADIUM-226	7.15	PCI/G	0.4		VV	
K-3	SLP0018	7	8	FT	GAMMASPEC	THORIUM-230	251.9	PCI/G	27.95		VV	
K-3	SLP0018	7	8	FT	GAMMASPEC	URANIUM-238	9.96	PCI/G	1.62		VV	
K-3	SLP0019	8	9	FT	GAMMASPEC	RADIUM-226	226.2	PCI/G	10.04		VV	
K-3	SLP0019	8	9	FT	GAMMASPEC	THORIUM-230	9446	PCI/G	915.7		VV	
K-3	SLP0019	8	9	FT	GAMMASPEC	URANIUM-238	94.66	PCI/G	10.1		VV	
K-3	SLP0020	9	10	FT	GAMMASPEC	RADIUM-226	547.4	PCI/G	24.09		VV	
K-3	SLP0020	9	10	FT	GAMMASPEC	THORIUM-230	18400	PCI/G	1776		VV	

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
J-2	N1075E0825	SLP0040	1	2	FT	ALPHASPEC	THORIUM-230	73.11	PCI/G	12.57		VV
J-2		SLP0040	1	2	FT	GAMMASPEC	RADIUM-226	2.61	PCI/G	0.17		VV
J-2		SLP0040	1	2	FT	GAMMASPEC	THORIUM-230	66.16	PCI/G	12.92		VV
J-2		SLP0040	1	2	FT	GAMMASPEC	URANIUM-238	2.16	PCI/G	1.01	UJ	VV
J-2		SLP0041	2	3	FT	ALPHASPEC	THORIUM-230	162.5	PCI/G	28.97		VV
J-2		SLP0041	2	3	FT	GAMMASPEC	RADIUM-226	4.84	PCI/G	0.28		VV
J-2		SLP0041	2	3	FT	GAMMASPEC	THORIUM-230	174.4	PCI/G	22.38		VV
J-2		SLP0041	2	3	FT	GAMMASPEC	URANIUM-238	1	PCI/G	1.17	UJ	VV
J-2		SLP0042	3	4	FT	GAMMASPEC	RADIUM-226	14.76	PCI/G	0.74		VV
J-2		SLP0042	3	4	FT	GAMMASPEC	THORIUM-230	602.4	PCI/G	61.61		VV
J-2		SLP0042	3	4	FT	GAMMASPEC	URANIUM-238	18.25	PCI/G	2.39		VV
J-2		SLP0043	4	5	FT	GAMMASPEC	RADIUM-226	7.22	PCI/G	0.41		VV
J-2		SLP0043	4	5	FT	GAMMASPEC	THORIUM-230	261.9	PCI/G	31.44		VV
J-2		SLP0043	4	5	FT	GAMMASPEC	URANIUM-238	9.27	PCI/G	1.69	UJ	VV
J-2		SLP0044	5	6	FT	GAMMASPEC	RADIUM-226	21.55	PCI/G	1.05		VV
J-2		SLP0044	5	6	FT	GAMMASPEC	THORIUM-230	771.8	PCI/G	79.4		VV
J-2		SLP0044	5	6	FT	GAMMASPEC	URANIUM-238	5.8	PCI/G	2.07	UJ	VV
J-2		SLP0045	6	7	FT	ALPHASPEC	THORIUM-230	5.18	PCI/G	1.28		VV
J-2		SLP0045	6	7	FT	GAMMASPEC	RADIUM-226	1.26	PCI/G	0.12		VV
J-2		SLP0045	6	7	FT	GAMMASPEC	THORIUM-230	3.8	PCI/G	5.41	UJ	VV
J-2		SLP0045	6	7	FT	GAMMASPEC	URANIUM-238	6.94	PCI/G	1	UJ	VV
J-2		SLP0046	7	8	FT	ALPHASPEC	THORIUM-230	5.26	PCI/G	1.29		VV
J-2		SLP0046	7	8	FT	GAMMASPEC	RADIUM-226	1.17	PCI/G	0.11		VV
J-2		SLP0046	7	8	FT	GAMMASPEC	THORIUM-230	6.08	PCI/G	9.38	UJ	VV
J-2		SLP0046	7	8	FT	GAMMASPEC	URANIUM-238	2.94	PCI/G	0.92	UJ	VV
J-2		SLP0047	8	9	FT	ALPHASPEC	THORIUM-230	33.99	PCI/G	6.08		VV
J-2		SLP0047	8	9	FT	GAMMASPEC	RADIUM-226	1.88	PCI/G	0.14		VV
J-2		SLP0047	8	9	FT	GAMMASPEC	THORIUM-230	46.52	PCI/G	9.92		VV
J-2	SLP0047	8	9	FT	GAMMASPEC	URANIUM-238	5.71	PCI/G	1.25	UJ	VV	
J-4	N1075E0875	SLP0029	0	1	FT	ALPHASPEC	THORIUM-230	37.78	PCI/G	6.43		VV
J-4		SLP0029	0	1	FT	GAMMASPEC	RADIUM-226	1.85	PCI/G	0.15		VV
J-4		SLP0029	0	1	FT	GAMMASPEC	THORIUM-230	55.4	PCI/G	17.71		VV
J-4		SLP0029	0	1	FT	GAMMASPEC	URANIUM-238	2.61	PCI/G	1.43	UJ	VV
J-4		SLP0030	1	2	FT	ALPHASPEC	THORIUM-230	5.24	PCI/G	1.36		VV
J-4		SLP0030	1	2	FT	GAMMASPEC	RADIUM-226	1	PCI/G	0.09		VV
J-4		SLP0030	1	2	FT	GAMMASPEC	THORIUM-230	0.95	PCI/G	7.73	UJ	VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>	
J-4	N1075E0875	SLP0030	1	2	FT	GAMMASPEC	URANIUM-238	2.68	PCI/G	1.13		VV	
J-4		SLP0031	2	3	FT	ALPHASPEC	THORIUM-230	23.95	PCI/G	4.68		VV	
J-4		SLP0031	2	3	FT	GAMMASPEC	RADIUM-226	1.27	PCI/G	0.11		VV	
J-4		SLP0031	2	3	FT	GAMMASPEC	THORIUM-230	19.36	PCI/G	9.51		VV	
J-4		SLP0031	2	3	FT	GAMMASPEC	URANIUM-238	3.84	PCI/G	1.37		VV	
J-4		SLP0032	3	4	FT	ALPHASPEC	THORIUM-230	7.76	PCI/G	1.73		VV	
J-4		SLP0032	3	4	FT	GAMMASPEC	RADIUM-226	1.12	PCI/G	0.1		VV	
J-4		SLP0032	3	4	FT	GAMMASPEC	THORIUM-230	8.06	PCI/G	9.32	UJ	VV	
J-4		SLP0032	3	4	FT	GAMMASPEC	URANIUM-238	3.31	PCI/G	1.29	UJ	VV	
J-4		SLP0033	4	5	FT	ALPHASPEC	THORIUM-230	7.79	PCI/G	1.82		VV	
J-4		SLP0033	4	5	FT	GAMMASPEC	RADIUM-226	1.06	PCI/G	0.1		VV	
J-4		SLP0033	4	5	FT	GAMMASPEC	THORIUM-230	3.64	PCI/G	8.29	UJ	VV	
J-4		SLP0033	4	5	FT	GAMMASPEC	URANIUM-238	1.59	PCI/G	1.18	UJ	VV	
J-4		SLP0034	5	6	FT	ALPHASPEC	THORIUM-230	6.08	PCI/G	1.37		VV	
J-4		SLP0034	5	6	FT	GAMMASPEC	RADIUM-226	1.56	PCI/G	0.13		VV	
J-4		SLP0034	5	6	FT	GAMMASPEC	THORIUM-230	7.9	PCI/G	13.49	UJ	VV	
J-4		SLP0034	5	6	FT	GAMMASPEC	URANIUM-238	0.28	PCI/G	1.42	UJ	VV	
J-4		SLP0035	6	7	FT	GAMMASPEC	RADIUM-226	11.38	PCI/G	0.73		VV	
J-4		SLP0035	6	7	FT	GAMMASPEC	THORIUM-230	469.8	PCI/G	81.55		VV	
J-4		SLP0035	6	7	FT	GAMMASPEC	URANIUM-238	17.58	PCI/G	3.99		VV	
J-4		SLP0036	7	8	FT	GAMMASPEC	RADIUM-226	779.3	PCI/G	45.06		VV	
J-4		SLP0036	7	8	FT	GAMMASPEC	THORIUM-230	28220	PCI/G	4246		VV	
J-4		SLP0036	7	8	FT	GAMMASPEC	URANIUM-238	211.3	PCI/G	29.86		VV	
J-4		SLP0037	8	9	FT	GAMMASPEC	RADIUM-226	443	PCI/G	25.65		VV	
J-4		SLP0037	8	9	FT	GAMMASPEC	THORIUM-230	16940	PCI/G	2553		VV	
J-4		SLP0037	8	9	FT	GAMMASPEC	URANIUM-238	117.3	PCI/G	18.82		VV	
J-4		SLP0038	9	10	FT	GAMMASPEC	RADIUM-226	15.24	PCI/G	0.94		VV	
J-4		SLP0038	9	10	FT	GAMMASPEC	THORIUM-230	607.7	PCI/G	99.05		VV	
J-4		SLP0038	9	10	FT	GAMMASPEC	URANIUM-238	30.53	PCI/G	5.14		VV	
I-3		N1100E0850	SLP0048	0	1	FT	ALPHASPEC	THORIUM-230	2.79	PCI/G	0.88		VV
I-3			SLP0048	0	1	FT	GAMMASPEC	RADIUM-226	0.81	PCI/G	0.07		VV
I-3			SLP0048	0	1	FT	GAMMASPEC	THORIUM-230	1.41	PCI/G	3.11	UJ	VV
I-3	SLP0048		0	1	FT	GAMMASPEC	URANIUM-238	1.17	PCI/G	0.51	UJ	VV	
I-3	SLP0049		1	2	FT	ALPHASPEC	THORIUM-230	3.02	PCI/G	0.89		VV	
I-3	SLP0049		1	2	FT	GAMMASPEC	RADIUM-226	0.72	PCI/G	0.07		VV	
I-3	SLP0049		1	2	FT	GAMMASPEC	THORIUM-230	3.42	PCI/G	3.99	UJ	VV	

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)	Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
I-3	N1100E0850	SLP0049	1 2 FT	GAMMASPEC	URANIUM-238	0.42	PCI/G	0.47	UJ	VV
I-3		SLP0050	2 3 FT	ALPHASPEC	THORIUM-230	6.83	PCI/G	1.68		VV
I-3		SLP0050	2 3 FT	GAMMASPEC	RADIUM-226	1.14	PCI/G	0.11		VV
I-3		SLP0050	2 3 FT	GAMMASPEC	THORIUM-230	7.03	PCI/G	8.18	UJ	VV
I-3		SLP0050	2 3 FT	GAMMASPEC	URANIUM-238	0.48	PCI/G	0.87	UJ	VV
I-3		SLP0051	3 4 FT	ALPHASPEC	THORIUM-230	25.58	PCI/G	4.59		VV
I-3		SLP0051	3 4 FT	GAMMASPEC	RADIUM-226	1.79	PCI/G	0.14		VV
I-3		SLP0051	3 4 FT	GAMMASPEC	THORIUM-230	23.51	PCI/G	11.31		VV
I-3		SLP0051	3 4 FT	GAMMASPEC	URANIUM-238	4.4	PCI/G	1.12	UJ	VV
I-3		SLP0052	4 5 FT	GAMMASPEC	RADIUM-226	36.19	PCI/G	1.71		VV
I-3		SLP0052	4 5 FT	GAMMASPEC	THORIUM-230	1477	PCI/G	145.6		VV
I-3		SLP0052	4 5 FT	GAMMASPEC	URANIUM-238	22.03	PCI/G	3.31		VV
I-3		SLP0053	5 6 FT	GAMMASPEC	RADIUM-226	130.9	PCI/G	7.63		VV
I-3		SLP0053	5 6 FT	GAMMASPEC	THORIUM-230	5413	PCI/G	817.8		VV
I-3		SLP0053	5 6 FT	GAMMASPEC	URANIUM-238	98.11	PCI/G	14.51	J	VV
I-3		SLP0054	6 7 FT	GAMMASPEC	RADIUM-226	7.38	PCI/G	0.49		VV
I-3		SLP0054	6 7 FT	GAMMASPEC	THORIUM-230	307.6	PCI/G	51.34		VV
I-3		SLP0054	6 7 FT	GAMMASPEC	URANIUM-238	7.73	PCI/G	2.21	UJ	VV
I-3		SLP0055	7 8 FT	GAMMASPEC	RADIUM-226	14.04	PCI/G	0.87		VV
I-3		SLP0055	7 8 FT	GAMMASPEC	THORIUM-230	613.9	PCI/G	98.93		VV
I-3	SLP0055	7 8 FT	GAMMASPEC	URANIUM-238	10.97	PCI/G	3.44	J	VV	
II-2	N1125E0825	SLP0065	0 1 FT	ALPHASPEC	THORIUM-230	244.5	PCI/G	42.87		VV
II-2		SLP0065	0 1 FT	GAMMASPEC	RADIUM-226	5.79	PCI/G	0.39		VV
II-2		SLP0065	0 1 FT	GAMMASPEC	THORIUM-230	204.8	PCI/G	40.7		VV
II-2		SLP0065	0 1 FT	GAMMASPEC	URANIUM-238	5.21	PCI/G	2.47	UJ	VV
II-2		SLP0066	1 2 FT	ALPHASPEC	THORIUM-230	46.98	PCI/G	9.09		VV
II-2		SLP0066	1 2 FT	GAMMASPEC	RADIUM-226	1.83	PCI/G	0.14		VV
II-2		SLP0066	1 2 FT	GAMMASPEC	THORIUM-230	36.28	PCI/G	10.99		VV
II-2		SLP0066	1 2 FT	GAMMASPEC	URANIUM-238	2.41	PCI/G	1.05	UJ	VV
II-2		SLP0067	2 3 FT	GAMMASPEC	RADIUM-226	23.4	PCI/G	1.15		VV
II-2		SLP0067	2 3 FT	GAMMASPEC	THORIUM-230	1117	PCI/G	116.4		VV
II-2		SLP0067	2 3 FT	GAMMASPEC	URANIUM-238	17.54	PCI/G	3.59	UJ	VV
II-2		SLP0068	3 4 FT	ALPHASPEC	THORIUM-230	58.54	PCI/G	10.24		VV
II-2		SLP0068	3 4 FT	GAMMASPEC	RADIUM-226	2.24	PCI/G	0.16		VV
II-2		SLP0068	3 4 FT	GAMMASPEC	THORIUM-230	57.3	PCI/G	15.56		VV
II-2		SLP0068	3 4 FT	GAMMASPEC	URANIUM-238	21.43	PCI/G	2.57		VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
II-2	N1125E0825	SLP0069	4	5	FT	ALPHASPEC	THORIUM-230	40.18	PCI/G	7.32		VV
II-2		SLP0069	4	5	FT	GAMMASPEC	RADIUM-226	1.58	PCI/G	0.14		VV
II-2		SLP0069	4	5	FT	GAMMASPEC	THORIUM-230	36.2	PCI/G	10.89		VV
II-2		SLP0069	4	5	FT	GAMMASPEC	URANIUM-238	14.04	PCI/G	1.95		VV
II-2		SLP0070	5	6	FT	ALPHASPEC	THORIUM-230	2.63	PCI/G	0.77		VV
II-2		SLP0070	5	6	FT	GAMMASPEC	RADIUM-226	1.04	PCI/G	0.1		VV
II-2		SLP0070	5	6	FT	GAMMASPEC	THORIUM-230	-0.85	PCI/G	4.94	UJ	VV
II-2		SLP0070	5	6	FT	GAMMASPEC	URANIUM-238	7.31	PCI/G	1.27	UJ	VV
II-2		SLP0071	6	7	FT	ALPHASPEC	THORIUM-230	6.44	PCI/G	1.47	J	VV
II-2		SLP0071	6	7	FT	GAMMASPEC	RADIUM-226	1.16	PCI/G	0.11		VV
II-2		SLP0071	6	7	FT	GAMMASPEC	THORIUM-230	10.76	PCI/G	7.29		VV
II-2		SLP0071	6	7	FT	GAMMASPEC	URANIUM-238	2.33	PCI/G	0.94	UJ	VV
II-2		SLP0072	7	8	FT	ALPHASPEC	THORIUM-230	11.7	PCI/G	2.43		VV
II-2		SLP0072	7	8	FT	GAMMASPEC	RADIUM-226	1.2	PCI/G	0.11		VV
II-2		SLP0072	7	8	FT	GAMMASPEC	THORIUM-230	23.84	PCI/G	8.97		VV
II-2		SLP0072	7	8	FT	GAMMASPEC	URANIUM-238	2.45	PCI/G	0.96	UJ	VV
II-4	N1125E0875	SLP0056	0	1	FT	ALPHASPEC	THORIUM-230	20.05	PCI/G	4.09		VV
II-4		SLP0056	0	1	FT	GAMMASPEC	RADIUM-226	1.34	PCI/G	0.11		VV
II-4		SLP0056	0	1	FT	GAMMASPEC	THORIUM-230	21.14	PCI/G	11.11		VV
II-4		SLP0056	0	1	FT	GAMMASPEC	URANIUM-238	2.7	PCI/G	1.22	UJ	VV
II-4		SLP0057	1	2	FT	ALPHASPEC	THORIUM-230	2.93	PCI/G	0.95		VV
II-4		SLP0057	1	2	FT	GAMMASPEC	RADIUM-226	0.93	PCI/G	0.1		VV
II-4		SLP0057	1	2	FT	GAMMASPEC	THORIUM-230	7.69	PCI/G	8.47	UJ	VV
II-4		SLP0057	1	2	FT	GAMMASPEC	URANIUM-238	1.63	PCI/G	1.2	UJ	VV
II-4		SLP0058	2	3	FT	ALPHASPEC	THORIUM-230	13.64	PCI/G	3.01		VV
II-4		SLP0058	2	3	FT	GAMMASPEC	RADIUM-226	1.08	PCI/G	0.1		VV
II-4		SLP0058	2	3	FT	GAMMASPEC	THORIUM-230	-0.01	PCI/G	8.88	UJ	VV
II-4		SLP0058	2	3	FT	GAMMASPEC	URANIUM-238	1.57	PCI/G	1.25	UJ	VV
II-4		SLP0059	3	4	FT	ALPHASPEC	THORIUM-230	9.04	PCI/G	2.1		VV
II-4		SLP0059	3	4	FT	GAMMASPEC	RADIUM-226	1.13	PCI/G	0.1		VV
II-4		SLP0059	3	4	FT	GAMMASPEC	THORIUM-230	12.39	PCI/G	10.55		VV
II-4		SLP0059	3	4	FT	GAMMASPEC	URANIUM-238	1.86	PCI/G	1.23	UJ	VV
II-4		SLP0060	4	5	FT	ALPHASPEC	THORIUM-230	9.68	PCI/G	2.21	J	VV
II-4		SLP0060	4	5	FT	GAMMASPEC	RADIUM-226	1.65	PCI/G	0.14		VV
II-4		SLP0060	4	5	FT	GAMMASPEC	THORIUM-230	6.95	PCI/G	14.63	UJ	VV
II-4		SLP0060	4	5	FT	GAMMASPEC	URANIUM-238	4.79	PCI/G	1.73	UJ	VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
II-4	N1125E0875	SLP0061	5	6	FT	GAMMASPEC	RADIUM-226	66.32	PCI/G	3.9		VV
II-4		SLP0061	5	6	FT	GAMMASPEC	THORIUM-230	626.5	PCI/G	119.2		VV
II-4		SLP0061	5	6	FT	GAMMASPEC	URANIUM-238	121.1	PCI/G	15.26	J	VV
H-4		SLP0062	6	7	FT	ALPHASPEC	THORIUM-230	6.6	PCI/G	1.7		VV
II-4		SLP0062	6	7	FT	GAMMASPEC	RADIUM-226	1.36	PCI/G	0.12		VV
H-4		SLP0062	6	7	FT	GAMMASPEC	THORIUM-230	-6.72	PCI/G	9.7	UJ	VV
H-4		SLP0062	6	7	FT	GAMMASPEC	URANIUM-238	6.12	PCI/G	1.43	J	VV
II-4		SLP0063	7	8	FT	ALPHASPEC	THORIUM-230	20.67	PCI/G	4.04	J	VV
II-4		SLP0063	7	8	FT	GAMMASPEC	RADIUM-226	2.41	PCI/G	0.19		VV
II-4		SLP0063	7	8	FT	GAMMASPEC	THORIUM-230	31.79	PCI/G	17.48		VV
II-4		SLP0063	7	8	FT	GAMMASPEC	URANIUM-238	9.27	PCI/G	1.94	J	VV
H-4		SLP0064	8	9	FT	ALPHASPEC	THORIUM-230	3.59	PCI/G	1.07		VV
H-4		SLP0064	8	9	FT	GAMMASPEC	RADIUM-226	1.19	PCI/G	0.11		VV
II-4		SLP0064	8	9	FT	GAMMASPEC	THORIUM-230	5.2	PCI/G	8.37	UJ	VV
II-4		SLP0064	8	9	FT	GAMMASPEC	URANIUM-238	4.19	PCI/G	1.59	UJ	VV
G-1		N1150E0800	SLP0099	0	1	FT	ALPHASPEC	THORIUM-230	11.97	PCI/G	2.44	
G-1	SLP0099		0	1	FT	GAMMASPEC	RADIUM-226	1.47	PCI/G	0.12		VV
G-1	SLP0099		0	1	FT	GAMMASPEC	THORIUM-230	14.13	PCI/G	8.39		VV
G-1	SLP0099		0	1	FT	GAMMASPEC	URANIUM-238	1.93	PCI/G	0.94	UJ	VV
G-1	SLP0100		1	2	FT	GAMMASPEC	RADIUM-226	25.03	PCI/G	1.22		VV
G-1	SLP0100		1	2	FT	GAMMASPEC	THORIUM-230	830.6	PCI/G	87.72		VV
G-1	SLP0100		1	2	FT	GAMMASPEC	URANIUM-238	47.3	PCI/G	5.19		VV
G-1	SLP0101		2	3	FT	ALPHASPEC	THORIUM-230	6.56	PCI/G	1.45	J	VV
G-1	SLP0101		2	3	FT	GAMMASPEC	RADIUM-226	1.25	PCI/G	0.11		VV
G-1	SLP0101		2	3	FT	GAMMASPEC	THORIUM-230	7.76	PCI/G	9.51	UJ	VV
G-1	SLP0101		2	3	FT	GAMMASPEC	URANIUM-238	16.16	PCI/G	1.81		VV
G-1	SLP0102		3	4	FT	ALPHASPEC	THORIUM-230	1.19	PCI/G	0.52		VV
G-1	SLP0102		3	4	FT	GAMMASPEC	RADIUM-226	0.92	PCI/G	0.08		VV
G-1	SLP0102		3	4	FT	GAMMASPEC	THORIUM-230	-1.34	PCI/G	7.34	UJ	VV
G-1	SLP0102		3	4	FT	GAMMASPEC	URANIUM-238	1.56	PCI/G	1.03	UJ	VV
G-1	SLP0103		4	5	FT	ALPHASPEC	THORIUM-230	1.72	PCI/G	0.64		VV
G-1	SLP0103		4	5	FT	GAMMASPEC	RADIUM-226	0.91	PCI/G	0.09		VV
G-1	SLP0103		4	5	FT	GAMMASPEC	THORIUM-230	-0.89	PCI/G	8.16	UJ	VV
G-1	SLP0103		4	5	FT	GAMMASPEC	URANIUM-238	2.83	PCI/G	1.43	UJ	VV
G-1	SLP0104		5	6	FT	ALPHASPEC	THORIUM-230	1.41	PCI/G	0.64		VV
G-1	SLP0104	5	6	FT	GAMMASPEC	RADIUM-226	0.96	PCI/G	0.09		VV	

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
G-1	N1150E0850	SLP0104	5	6	FT	GAMMASPEC	THORIUM-230	5.74	PCI/G	8.1	UJ	VV
G-1		SLP0104	5	6	FT	GAMMASPEC	URANIUM-238	2.07	PCI/G	1.15	UJ	VV
G-1		SLP0105	6	7	FT	ALPHASPEC	THORIUM-230	2	PCI/G	0.75		VV
G-1		SLP0105	6	7	FT	GAMMASPEC	RADIUM-226	0.9	PCI/G	0.09		VV
G-1		SLP0105	6	7	FT	GAMMASPEC	THORIUM-230	4.97	PCI/G	10.12	UJ	VV
G-1		SLP0105	6	7	FT	GAMMASPEC	URANIUM-238	2.18	PCI/G	1.34	UJ	VV
G-1		SLP0106	7	8	FT	ALPHASPEC	THORIUM-230	2.5	PCI/G	0.79	J	VV
G-1		SLP0106	7	8	FT	GAMMASPEC	RADIUM-226	0.89	PCI/G	0.1		VV
G-1		SLP0106	7	8	FT	GAMMASPEC	THORIUM-230	5.5	PCI/G	8.58	UJ	VV
G-1		SLP0106	7	8	FT	GAMMASPEC	URANIUM-238	1.3	PCI/G	1.03	UJ	VV
G-3	N1150E0850	SLP0091	0	1	FT	ALPHASPEC	THORIUM-230	17.48	PCI/G	3.16	J	VV
G-3		SLP0091	0	1	FT	GAMMASPEC	RADIUM-226	1.17	PCI/G	0.1		VV
G-3		SLP0091	0	1	FT	GAMMASPEC	THORIUM-230	18.54	PCI/G	8.3		VV
G-3		SLP0091	0	1	FT	GAMMASPEC	URANIUM-238	2.78	PCI/G	0.79	UJ	VV
G-3		SLP0092	1	2	FT	ALPHASPEC	THORIUM-230	4.94	PCI/G	1.63		VV
G-3		SLP0092	1	2	FT	GAMMASPEC	RADIUM-226	0.95	PCI/G	0.09		VV
G-3		SLP0092	1	2	FT	GAMMASPEC	THORIUM-230	6.29	PCI/G	6.01		VV
G-3		SLP0092	1	2	FT	GAMMASPEC	URANIUM-238	2.07	PCI/G	0.66	UJ	VV
G-3		SLP0093	2	3	FT	ALPHASPEC	THORIUM-230	42.62	PCI/G	7.12	J	VV
G-3		SLP0093	2	3	FT	GAMMASPEC	RADIUM-226	1.9	PCI/G	0.14		VV
G-3		SLP0093	2	3	FT	GAMMASPEC	THORIUM-230	40.54	PCI/G	10.03		VV
G-3		SLP0093	2	3	FT	GAMMASPEC	URANIUM-238	2.2	PCI/G	1.02	UJ	VV
G-3		SLP0094	3	4	FT	GAMMASPEC	RADIUM-226	144.9	PCI/G	6.52		VV
G-3		SLP0094	3	4	FT	GAMMASPEC	THORIUM-230	6328	PCI/G	615.7		VV
G-3		SLP0094	3	4	FT	GAMMASPEC	URANIUM-238	43.63	PCI/G	6.39		VV
G-3		SLP0095	4	5	FT	ALPHASPEC	THORIUM-230	3.45	PCI/G	0.93		VV
G-3		SLP0095	4	5	FT	GAMMASPEC	RADIUM-226	1.18	PCI/G	0.1		VV
G-3		SLP0095	4	5	FT	GAMMASPEC	THORIUM-230	9.99	PCI/G	7.56		VV
G-3		SLP0095	4	5	FT	GAMMASPEC	URANIUM-238	10.09	PCI/G	1.43		VV
G-3		SLP0096	5	6	FT	ALPHASPEC	THORIUM-230	10.45	PCI/G	2.24		VV
G-3		SLP0096	5	6	FT	GAMMASPEC	RADIUM-226	1.31	PCI/G	0.11		VV
G-3		SLP0096	5	6	FT	GAMMASPEC	THORIUM-230	9.33	PCI/G	8.17		VV
G-3		SLP0096	5	6	FT	GAMMASPEC	URANIUM-238	3.26	PCI/G	0.88	UJ	VV
G-3		SLP0097	6	7	FT	ALPHASPEC	THORIUM-230	1.7	PCI/G	0.61		VV
G-3		SLP0097	6	7	FT	GAMMASPEC	RADIUM-226	1.2	PCI/G	0.1		VV
G-3		SLP0097	6	7	FT	GAMMASPEC	THORIUM-230	2.72	PCI/G	4.75	UJ	VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
G-3	N1150E0850	SLP0097	6	7	FT	GAMMASPEC	URANIUM-238	1.74	PCI/G	0.71	UJ	VV
G-3		SLP0098	7	8	FT	ALPHASPEC	THORIUM-230	0.96	PCI/G	0.42		VV
G-3		SLP0098	7	8	FT	GAMMASPEC	RADIUM-226	1.06	PCI/G	0.09		VV
G-3		SLP0098	7	8	FT	GAMMASPEC	THORIUM-230	0.63	PCI/G	4.03	UJ	VV
G-3		SLP0098	7	8	FT	GAMMASPEC	URANIUM-238	1.33	PCI/G	0.48	UJ	VV
G-5	N1150E0900	SLP0073	0	1	FT	ALPHASPEC	THORIUM-230	53.36	PCI/G	9.6		VV
G-5		SLP0073	0	1	FT	GAMMASPEC	RADIUM-226	2.21	PCI/G	0.16		VV
G-5		SLP0073	0	1	FT	GAMMASPEC	THORIUM-230	44.09	PCI/G	11.86		VV
G-5		SLP0073	0	1	FT	GAMMASPEC	URANIUM-238	3.38	PCI/G	1.23	UJ	VV
G-5		SLP0074	1	2	FT	ALPHASPEC	THORIUM-230	7	PCI/G	1.55	J	VV
G-5		SLP0074	1	2	FT	GAMMASPEC	RADIUM-226	1.25	PCI/G	0.11		VV
G-5		SLP0074	1	2	FT	GAMMASPEC	THORIUM-230	7.33	PCI/G	5.57		VV
G-5		SLP0074	1	2	FT	GAMMASPEC	URANIUM-238	2.28	PCI/G	0.69	UJ	VV
G-5		SLP0075	2	3	FT	ALPHASPEC	THORIUM-230	2.33	PCI/G	0.74		VV
G-5		SLP0075	2	3	FT	GAMMASPEC	RADIUM-226	0.96	PCI/G	0.09		VV
G-5		SLP0075	2	3	FT	GAMMASPEC	THORIUM-230	5.56	PCI/G	8.02	UJ	VV
G-5		SLP0075	2	3	FT	GAMMASPEC	URANIUM-238	7.06	PCI/G	0.97	UJ	VV
G-5		SLP0076	3	4	FT	ALPHASPEC	THORIUM-230	21.26	PCI/G	3.83	J	VV
G-5		SLP0076	3	4	FT	GAMMASPEC	RADIUM-226	1.33	PCI/G	0.11		VV
G-5		SLP0076	3	4	FT	GAMMASPEC	THORIUM-230	10.33	PCI/G	10.02		VV
G-5		SLP0076	3	4	FT	GAMMASPEC	URANIUM-238	5.12	PCI/G	0.86	UJ	VV
G-5		SLP0077	4	5	FT	ALPHASPEC	THORIUM-230	73.59	PCI/G	12.04	J	VV
G-5		SLP0077	4	5	FT	GAMMASPEC	RADIUM-226	3.05	PCI/G	0.21		VV
G-5		SLP0077	4	5	FT	GAMMASPEC	THORIUM-230	89.53	PCI/G	15.73		VV
G-5		SLP0077	4	5	FT	GAMMASPEC	URANIUM-238	64.07	PCI/G	5.89		VV
G-5		SLP0078	5	6	FT	ALPHASPEC	THORIUM-230	1.95	PCI/G	0.68		VV
G-5		SLP0078	5	6	FT	GAMMASPEC	RADIUM-226	1.06	PCI/G	0.1		VV
G-5		SLP0078	5	6	FT	GAMMASPEC	THORIUM-230	4.59	PCI/G	5.81	UJ	VV
G-5		SLP0078	5	6	FT	GAMMASPEC	URANIUM-238	6.92	PCI/G	1.18	UJ	VV
G-5		SLP0079	6	7	FT	ALPHASPEC	THORIUM-230	10.45	PCI/G	2.22		VV
G-5		SLP0079	6	7	FT	GAMMASPEC	RADIUM-226	1.2	PCI/G	0.11		VV
G-5		SLP0079	6	7	FT	GAMMASPEC	THORIUM-230	11.23	PCI/G	7.92		VV
G-5		SLP0079	6	7	FT	GAMMASPEC	URANIUM-238	7.44	PCI/G	1.31	UJ	VV
G-5		SLP0080	7	8	FT	ALPHASPEC	THORIUM-230	5.59	PCI/G	1.42		VV
G-5		SLP0080	7	8	FT	GAMMASPEC	RADIUM-226	1.21	PCI/G	0.11		VV
G-5		SLP0080	7	8	FT	GAMMASPEC	THORIUM-230	2.54	PCI/G	7.5	UJ	VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
G-5	N1150E0900	SLP0080	7	8	FT	GAMMASPEC	URANIUM-238	26.73	PCI/G	2.74		VV
F-2	N1175E0825	SLP0116	0	1	FT	ALPHASPEC	TH-230	59.19	PCI/G	10.12		VV
F-2		SLP0116	0	1	FT	GAMMASPEC	RA-226	2.88	PCI/G	0.22		VV
F-2		SLP0116	0	1	FT	GAMMASPEC	TH-230	80.43	PCI/G	18.45		VV
F-2		SLP0116	0	1	FT	GAMMASPEC	U-238	3.11	PCI/G	1.6	UJ	VV
F-2		SLP0117	1	2	FT	ALPHASPEC	TH-230	62.96	PCI/G	10.77		VV
F-2		SLP0117	1	2	FT	GAMMASPEC	RA-226	2.57	PCI/G	0.21		VV
F-2		SLP0117	1	2	FT	GAMMASPEC	TH-230	70.93	PCI/G	21.67		VV
F-2		SLP0117	1	2	FT	GAMMASPEC	U-238	3.76	PCI/G	1.71	UJ	VV
F-2		SLP0118	2	3	FT	ALPHASPEC	TH-230	19.41	PCI/G	3.51	J	VV
F-2		SLP0118	2	3	FT	GAMMASPEC	RA-226	2.29	PCI/G	0.18		VV
F-2		SLP0118	2	3	FT	GAMMASPEC	TH-230	11.92	PCI/G	14.43	UJ	VV
F-2		SLP0118	2	3	FT	GAMMASPEC	U-238	21.62	PCI/G	3.68		VV
F-2		SLP0119	3	4	FT	ALPHASPEC	TH-230	63.99	PCI/G	10.73		VV
F-2		SLP0119	3	4	FT	GAMMASPEC	RA-226	2.84	PCI/G	0.22		VV
F-2		SLP0119	3	4	FT	GAMMASPEC	TH-230	70.04	PCI/G	23.2		VV
F-2		SLP0119	3	4	FT	GAMMASPEC	U-238	4.2	PCI/G	2.04	UJ	VV
F-2		SLP0120	4	5	FT	ALPHASPEC	TH-230	237.7	PCI/G	46.68		VV
F-2		SLP0120	4	5	FT	GAMMASPEC	RA-226	6.41	PCI/G	0.47		VV
F-2		SLP0120	4	5	FT	GAMMASPEC	TH-230	205.8	PCI/G	51.52		VV
F-2		SLP0120	4	5	FT	GAMMASPEC	U-238	6.14	PCI/G	3.15	UJ	VV
F-2		SLP0121	5	6	FT	ALPHASPEC	TH-230	1.39	PCI/G	0.61		VV
F-2		SLP0121	5	6	FT	GAMMASPEC	RA-226	1.15	PCI/G	0.13		VV
F-2		SLP0121	5	6	FT	GAMMASPEC	TH-230	-3.61	PCI/G	12.62	UJ	VV
F-2		SLP0121	5	6	FT	GAMMASPEC	U-238	3.65	PCI/G	1.93	UJ	VV
F-2		SLP0122	6	7	FT	ALPHASPEC	TH-230	1.55	PCI/G	0.65		VV
F-2		SLP0122	6	7	FT	GAMMASPEC	RA-226	1.35	PCI/G	0.14		VV
F-2		SLP0122	6	7	FT	GAMMASPEC	TH-230	-0.38	PCI/G	13.17	UJ	VV
F-2		SLP0122	6	7	FT	GAMMASPEC	U-238	1.79	PCI/G	1.82	UJ	VV
F-2		SLP0123	7	8	FT	ALPHASPEC	TH-230	2.4	PCI/G	0.87		VV
F-2		SLP0123	7	8	FT	GAMMASPEC	RA-226	1.29	PCI/G	0.12		VV
F-2		SLP0123	7	8	FT	GAMMASPEC	TH-230	4.47	PCI/G	9.84	UJ	VV
F-2		SLP0123	7	8	FT	GAMMASPEC	U-238	1.05	PCI/G	1.24	UJ	VV
F-4	N1175E0875	SLP0107	0	1	FT	ALPHASPEC	THORIUM-230	45.77	PCI/G	8.85		VV
F-4		SLP0107	0	1	FT	GAMMASPEC	RADIUM-226	1.56	PCI/G	0.14		VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
F-4	N1175E0875	SLP0107	0	1	FT	GAMMASPEC	THORIUM-230	49.21	PCI/G	16.7		VV
F-4		SLP0107	0	1	FT	GAMMASPEC	URANIUM-238	5.12	PCI/G	1.67	UJ	VV
F-4		SLP0108	1	2	FT	ALPHASPEC	THORIUM-230	187.7	PCI/G	32.98	J	VV
F-4		SLP0108	1	2	FT	GAMMASPEC	RADIUM-226	2.88	PCI/G	0.22		VV
F-4		SLP0108	1	2	FT	GAMMASPEC	THORIUM-230	146.8	PCI/G	30.84		VV
F-4		SLP0108	1	2	FT	GAMMASPEC	URANIUM-238	2.98	PCI/G	1.7	UJ	VV
F-4		SLP0109	2	3	FT	ALPHASPEC	THORIUM-230	4.82	PCI/G	1.34		VV
F-4		SLP0109	2	3	FT	GAMMASPEC	RADIUM-226	1.07	PCI/G	0.1		VV
F-4		SLP0109	2	3	FT	GAMMASPEC	THORIUM-230	5.57	PCI/G	9.6	UJ	VV
F-4		SLP0109	2	3	FT	GAMMASPEC	URANIUM-238	5.62	PCI/G	1.42		VV
F-4		SLP0110	3	4	FT	GAMMASPEC	RADIUM-226	33.19	PCI/G	2		VV
F-4		SLP0110	3	4	FT	GAMMASPEC	THORIUM-230	1903	PCI/G	296.8		VV
F-4		SLP0110	3	4	FT	GAMMASPEC	URANIUM-238	13.11	PCI/G	4.94	UJ	VV
F-4		SLP0111	4	5	FT	ALPHASPEC	THORIUM-230	7.42	PCI/G	1.7		VV
F-4		SLP0111	4	5	FT	GAMMASPEC	RADIUM-226	1.17	PCI/G	0.11		VV
F-4		SLP0111	4	5	FT	GAMMASPEC	THORIUM-230	4.61	PCI/G	13.1	UJ	VV
F-4		SLP0111	4	5	FT	GAMMASPEC	URANIUM-238	17.38	PCI/G	2.85		VV
F-4		SLP0112	5	6	FT	ALPHASPEC	THORIUM-230	5.88	PCI/G	1.38		VV
F-4		SLP0112	5	6	FT	GAMMASPEC	RADIUM-226	1.1	PCI/G	0.1		VV
F-4		SLP0112	5	6	FT	GAMMASPEC	THORIUM-230	-2.55	PCI/G	9	UJ	VV
F-4		SLP0112	5	6	FT	GAMMASPEC	URANIUM-238	5.62	PCI/G	1.53		VV
F-4		SLP0113	6	7	FT	ALPHASPEC	THORIUM-230	1.25	PCI/G	0.51		VV
F-4		SLP0113	6	7	FT	GAMMASPEC	RADIUM-226	1.03	PCI/G	0.09		VV
F-4		SLP0113	6	7	FT	GAMMASPEC	THORIUM-230	1.34	PCI/G	10.2	UJ	VV
F-4		SLP0113	6	7	FT	GAMMASPEC	URANIUM-238	5.47	PCI/G	1.44		VV
F-4		SLP0114	7	8	FT	ALPHASPEC	THORIUM-230	1.84	PCI/G	0.64		VV
F-4		SLP0114	7	8	FT	GAMMASPEC	RADIUM-226	1.07	PCI/G	0.1		VV
F-4	SLP0114	7	8	FT	GAMMASPEC	THORIUM-230	1.44	PCI/G	8.13	UJ	VV	
F-4	SLP0114	7	8	FT	GAMMASPEC	URANIUM-238	7.23	PCI/G	1.67		VV	
F-4	SLP0115	8	9	FT	ALPHASPEC	TH-230	1.84	PCI/G	0.64		VV	
F-4	SLP0115	8	9	FT	GAMMASPEC	RA-226	1.1	PCI/G	0.1		VV	
F-4	SLP0115	8	9	FT	GAMMASPEC	TH-230	5.99	PCI/G	8.1	UJ	VV	
F-4	SLP0115	8	9	FT	GAMMASPEC	U-238	3.55	PCI/G	1.3	UJ	VV	
E-3	N1200E0850	SLP0124	0	1	FT	ALPHASPEC	TH-230	72.41	PCI/G	14.76		VV
E-3		SLP0124	0	1	FT	GAMMASPEC	RA-226	3.5	PCI/G	0.26		VV
E-3		SLP0124	0	1	FT	GAMMASPEC	TH-230	79.22	PCI/G	26.01		VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
E-3	<i>N1200E0850</i>	SLP0124	0	1	FT	GAMMASPEC	U-238	6.47	PCI/G	2.5		VV
E-3		SLP0125	1	2	FT	ALPHASPEC	TH-230	8.33	PCI/G	2.19		VV
E-3		SLP0125	1	2	FT	GAMMASPEC	RA-226	1.3	PCI/G	0.14		VV
E-3		SLP0125	1	2	FT	GAMMASPEC	TH-230	6.36	PCI/G	13.77	UJ	VV
E-3		SLP0125	1	2	FT	GAMMASPEC	U-238	4.41	PCI/G	2.1	UJ	VV
E-3		SLP0126	2	3	FT	ALPHASPEC	TH-230	173.3	PCI/G	35.64		VV
E-3		SLP0126	2	3	FT	GAMMASPEC	RA-226	8.1	PCI/G	0.55		VV
E-3		SLP0126	2	3	FT	GAMMASPEC	TH-230	193.4	PCI/G	42.39		VV
E-3		SLP0126	2	3	FT	GAMMASPEC	U-238	27.68	PCI/G	4.87		VV
E-3		SLP0127	3	4	FT	ALPHASPEC	TH-230	3.19	PCI/G	1.02		VV
E-3		SLP0127	3	4	FT	GAMMASPEC	RA-226	1.31	PCI/G	0.12		VV
E-3		SLP0127	3	4	FT	GAMMASPEC	TH-230	14.72	PCI/G	14.14	UJ	VV
E-3		SLP0127	3	4	FT	GAMMASPEC	U-238	11.8	PCI/G	2.45		VV
E-3		SLP0128	4	5	FT	ALPHASPEC	THORIUM-230	2.56	PCI/G	1.01		VV
E-3		SLP0128	4	5	FT	GAMMASPEC	RADIUM-226	1.08	PCI/G	0.11		VV
E-3		SLP0128	4	5	FT	GAMMASPEC	THORIUM-230	-8.85	PCI/G	9.55	UJ	VV
E-3		SLP0128	4	5	FT	GAMMASPEC	URANIUM-238	3.25	PCI/G	1.53	UJ	VV
E-3		SLP0129	5	6	FT	ALPHASPEC	THORIUM-230	1.49	PCI/G	0.74		VV
E-3		SLP0129	5	6	FT	GAMMASPEC	RADIUM-226	1.07	PCI/G	0.1		VV
E-3		SLP0129	5	6	FT	GAMMASPEC	THORIUM-230	7.74	PCI/G	9.42	UJ	VV
E-3		SLP0129	5	6	FT	GAMMASPEC	URANIUM-238	1.51	PCI/G	1.32	UJ	VV
E-3		SLP0130	6	7	FT	ALPHASPEC	THORIUM-230	2.23	PCI/G	1.03		VV
E-3		SLP0130	6	7	FT	GAMMASPEC	RADIUM-226	1.17	PCI/G	0.11		VV
E-3		SLP0130	6	7	FT	GAMMASPEC	THORIUM-230	-2.21	PCI/G	8.97	UJ	VV
E-3		SLP0130	6	7	FT	GAMMASPEC	URANIUM-238	2.79	PCI/G	1.51	UJ	VV
E-3		SLP0131	7	8	FT	ALPHASPEC	THORIUM-230	1.98	PCI/G	0.96		VV
E-3		SLP0131	7	8	FT	GAMMASPEC	RADIUM-226	1.01	PCI/G	0.11		VV
E-3		SLP0131	7	8	FT	GAMMASPEC	THORIUM-230	-2.24	PCI/G	10.32	UJ	VV
E-3		SLP0131	7	8	FT	GAMMASPEC	URANIUM-238	2.23	PCI/G	1.22	UJ	VV
D-2	<i>N1225E0825</i>	SLP0140	0	1	FT	ALPHASPEC	THORIUM-230	48.22	PCI/G	8.52		VV
D-2		SLP0140	0	1	FT	GAMMASPEC	RADIUM-226	7.81	PCI/G	0.56		VV
D-2		SLP0140	0	1	FT	GAMMASPEC	THORIUM-230	55.95	PCI/G	36.95		VV
D-2		SLP0140	0	1	FT	GAMMASPEC	URANIUM-238	30.63	PCI/G	5.8		VV
D-2		SLP0141	1	2	FT	ALPHASPEC	THORIUM-230	6.78	PCI/G	1.62		VV
D-2		SLP0141	1	2	FT	GAMMASPEC	RADIUM-226	1.35	PCI/G	0.13		VV
D-2		SLP0141	1	2	FT	GAMMASPEC	THORIUM-230	23.71	PCI/G	15.94		VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
D-2	N1225E0825	SLP0141	1	2	FT	GAMMASPEC	URANIUM-238	46.25	PCI/G	4.45		VV
D-2		SLP0142	2	3	FT	ALPHASPEC	THORIUM-230	112.4	PCI/G	19.23		VV
D-2		SLP0142	2	3	FT	GAMMASPEC	RADIUM-226	3.78	PCI/G	0.26		VV
D-2		SLP0142	2	3	FT	GAMMASPEC	THORIUM-230	76.32	PCI/G	17.77		VV
D-2		SLP0142	2	3	FT	GAMMASPEC	URANIUM-238	18.29	PCI/G	2.36		VV
D-2		SLP0143	3	4	FT	ALPHASPEC	THORIUM-230	2.27	PCI/G	0.82		VV
D-2		SLP0143	3	4	FT	GAMMASPEC	RADIUM-226	0.91	PCI/G	0.11		VV
D-2		SLP0143	3	4	FT	GAMMASPEC	THORIUM-230	3.75	PCI/G	5.88	UJ	VV
D-2		SLP0143	3	4	FT	GAMMASPEC	URANIUM-238	9.17	PCI/G	1.48	UJ	VV
D-2		SLP0144	4	5	FT	ALPHASPEC	THORIUM-230	1.68	PCI/G	0.64		VV
D-2		SLP0144	4	5	FT	GAMMASPEC	RADIUM-226	1.07	PCI/G	0.13		VV
D-2		SLP0144	4	5	FT	GAMMASPEC	THORIUM-230	-0.95	PCI/G	5.65	UJ	VV
D-2		SLP0144	4	5	FT	GAMMASPEC	URANIUM-238	1.64	PCI/G	0.85	UJ	VV
D-2		SLP0145	5	6	FT	ALPHASPEC	THORIUM-230	2.97	PCI/G	0.86		VV
D-2		SLP0145	5	6	FT	GAMMASPEC	RADIUM-226	1.04	PCI/G	0.11		VV
D-2		SLP0145	5	6	FT	GAMMASPEC	THORIUM-230	3.12	PCI/G	8.43	UJ	VV
D-2		SLP0145	5	6	FT	GAMMASPEC	URANIUM-238	1.02	PCI/G	0.76	UJ	VV
D-2	SLP0146	6	7	FT	ALPHASPEC	THORIUM-230	1.63	PCI/G	0.6		VV	
D-2	SLP0146	6	7	FT	GAMMASPEC	RADIUM-226	1.01	PCI/G	0.11		VV	
D-2	SLP0146	6	7	FT	GAMMASPEC	THORIUM-230	6.09	PCI/G	6.65	UJ	VV	
D-2	SLP0146	6	7	FT	GAMMASPEC	URANIUM-238	1.86	PCI/G	1.04	UJ	VV	
D-2	SLP0147	7	8	FT	ALPHASPEC	THORIUM-230	1.95	PCI/G	0.65		VV	
D-2	SLP0147	7	8	FT	GAMMASPEC	RADIUM-226	1.16	PCI/G	0.13		VV	
D-2	SLP0147	7	8	FT	GAMMASPEC	THORIUM-230	2.78	PCI/G	6.79	UJ	VV	
D-2	SLP0147	7	8	FT	GAMMASPEC	URANIUM-238	1.49	PCI/G	1.22	UJ	VV	
D-4	N1225E0875	SLP0132	0	1	FT	ALPHASPEC	THORIUM-230	5.48	PCI/G	2.12		VV
D-4		SLP0132	0	1	FT	GAMMASPEC	RADIUM-226	1.38	PCI/G	0.13		VV
D-4		SLP0132	0	1	FT	GAMMASPEC	THORIUM-230	7.3	PCI/G	8.75	UJ	VV
D-4		SLP0132	0	1	FT	GAMMASPEC	URANIUM-238	1.98	PCI/G	1.08	UJ	VV
D-4		SLP0133	1	2	FT	ALPHASPEC	THORIUM-230	41.45	PCI/G	7.55		VV
D-4		SLP0133	1	2	FT	GAMMASPEC	RADIUM-226	1.89	PCI/G	0.16		VV
D-4		SLP0133	1	2	FT	GAMMASPEC	THORIUM-230	39.05	PCI/G	20.31		VV
D-4		SLP0133	1	2	FT	GAMMASPEC	URANIUM-238	3.02	PCI/G	1.62	UJ	VV
D-4		SLP0134	2	3	FT	ALPHASPEC	THORIUM-230	3.27	PCI/G	0.96		VV
D-4		SLP0134	2	3	FT	GAMMASPEC	RADIUM-226	1	PCI/G	0.1		VV
D-4		SLP0134	2	3	FT	GAMMASPEC	THORIUM-230	-2.41	PCI/G	9.18	UJ	VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
D-4	N1225E0875	SLP0134	2	3	FT	GAMMASPEC	URANIUM-238	0.95	PCI/G	1.22	UJ	VV
D-4		SLP0135	3	4	FT	GAMMASPEC	RADIUM-226	13.78	PCI/G	0.88		VV
D-4		SLP0135	3	4	FT	GAMMASPEC	THORIUM-230	362.4	PCI/G	70.61		VV
D-4		SLP0135	3	4	FT	GAMMASPEC	URANIUM-238	87.2	PCI/G	10.57		VV
D-4		SLP0136	4	5	FT	GAMMASPEC	RADIUM-226	56.3	PCI/G	3.37		VV
D-4		SLP0136	4	5	FT	GAMMASPEC	THORIUM-230	526.8	PCI/G	104.9		VV
D-4		SLP0136	4	5	FT	GAMMASPEC	URANIUM-238	138	PCI/G	17.28		VV
D-4		SLP0137	5	6	FT	ALPHASPEC	THORIUM-230	21.51	PCI/G	4.07		VV
D-4		SLP0137	5	6	FT	GAMMASPEC	RADIUM-226	1.95	PCI/G	0.17		VV
D-4		SLP0137	5	6	FT	GAMMASPEC	THORIUM-230	33.81	PCI/G	19.6		VV
D-4		SLP0137	5	6	FT	GAMMASPEC	URANIUM-238	3.55	PCI/G	2.23	UJ	VV
D-4		SLP0138	6	7	FT	ALPHASPEC	THORIUM-230	3.42	PCI/G	0.99		VV
D-4		SLP0138	6	7	FT	GAMMASPEC	RADIUM-226	1.22	PCI/G	0.12		VV
D-4		SLP0138	6	7	FT	GAMMASPEC	THORIUM-230	2.8	PCI/G	10.62	UJ	VV
D-4		SLP0138	6	7	FT	GAMMASPEC	URANIUM-238	2.69	PCI/G	1.59	UJ	VV
D-4		SLP0139	7	8	FT	ALPHASPEC	THORIUM-230	3.16	PCI/G	0.92		VV
D-4		SLP0139	7	8	FT	GAMMASPEC	RADIUM-226	1.18	PCI/G	0.13		VV
D-4		SLP0139	7	8	FT	GAMMASPEC	THORIUM-230	-5.06	PCI/G	12.81	UJ	VV
D-4		SLP0139	7	8	FT	GAMMASPEC	URANIUM-238	2.25	PCI/G	1.77	UJ	VV
C-1		N1250E0800	SLP0164	0	1	FT	ALPHASPEC	THORIUM-230	66.8	PCI/G	12.91	J
C-1	SLP0164		0	1	FT	GAMMASPEC	RADIUM-226	3.29	PCI/G	0.23		VV
C-1	SLP0164		0	1	FT	GAMMASPEC	THORIUM-230	81.64	PCI/G	18.57		VV
C-1	SLP0164		0	1	FT	GAMMASPEC	URANIUM-238	5.03	PCI/G	1.68	UJ	VV
C-1	SLP0165		1	2	FT	ALPHASPEC	THORIUM-230	114.5	PCI/G	25.34		VV
C-1	SLP0165		1	2	FT	GAMMASPEC	RADIUM-226	4.25	PCI/G	0.31		VV
C-1	SLP0165		1	2	FT	GAMMASPEC	THORIUM-230	130.2	PCI/G	26.32		VV
C-1	SLP0165		1	2	FT	GAMMASPEC	URANIUM-238	6.1	PCI/G	1.87	UJ	VV
C-1	SLP0166		2	3	FT	ALPHASPEC	THORIUM-230	38.91	PCI/G	8.47		VV
C-1	SLP0166		2	3	FT	GAMMASPEC	RADIUM-226	1.93	PCI/G	0.2		VV
C-1	SLP0166		2	3	FT	GAMMASPEC	THORIUM-230	47.33	PCI/G	17.58		VV
C-1	SLP0166		2	3	FT	GAMMASPEC	URANIUM-238	4.6	PCI/G	1.45	UJ	VV
C-1	SLP0167		3	4	FT	ALPHASPEC	THORIUM-230	70.82	PCI/G	13.51	J	VV
C-1	SLP0167		3	4	FT	GAMMASPEC	RADIUM-226	2.44	PCI/G	0.22		VV
C-1	SLP0167		3	4	FT	GAMMASPEC	THORIUM-230	71.84	PCI/G	29.71		VV
C-1	SLP0167		3	4	FT	GAMMASPEC	URANIUM-238	5.81	PCI/G	2.69	UJ	VV
C-1	SLP0168		4	5	FT	ALPHASPEC	THORIUM-230	67.29	PCI/G	11.86	J	VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
C-1	N1250E0800	SLP0168	4	5	FT	GAMMASPEC	RADIUM-226	2.68	PCI/G	0.23		VV
C-1		SLP0168	4	5	FT	GAMMASPEC	THORIUM-230	89.26	PCI/G	29.56		VV
C-1		SLP0168	4	5	FT	GAMMASPEC	URANIUM-238	7.46	PCI/G	3.02		VV
C-1		SLP0169	5	6	FT	ALPHASPEC	THORIUM-230	162.8	PCI/G	31.92	J	VV
C-1		SLP0169	5	6	FT	GAMMASPEC	RADIUM-226	5.12	PCI/G	0.39		VV
C-1		SLP0169	5	6	FT	GAMMASPEC	THORIUM-230	191.9	PCI/G	46.57		VV
C-1		SLP0169	5	6	FT	GAMMASPEC	URANIUM-238	11.92	PCI/G	3.5		VV
C-1		SLP0170	6	7	FT	ALPHASPEC	THORIUM-230	110.4	PCI/G	21.17	J	VV
C-1		SLP0170	6	7	FT	GAMMASPEC	RADIUM-226	3.97	PCI/G	0.33		VV
C-1		SLP0170	6	7	FT	GAMMASPEC	THORIUM-230	126.4	PCI/G	38.72		VV
C-1		SLP0170	6	7	FT	GAMMASPEC	URANIUM-238	16.27	PCI/G	3.87		VV
C-1		SLP0171	7	8	FT	ALPHASPEC	THORIUM-230	11.87	PCI/G	4.13	J	VV
C-1		SLP0171	7	8	FT	GAMMASPEC	RADIUM-226	1.18	PCI/G	0.14		VV
C-1		SLP0171	7	8	FT	GAMMASPEC	THORIUM-230	23.99	PCI/G	20.17		VV
C-1		SLP0171	7	8	FT	GAMMASPEC	URANIUM-238	3.09	PCI/G	1.8	UJ	VV
C-3		N1250E0850	SLP0156	0	1	FT	ALPHASPEC	THORIUM-230	12.39	PCI/G	2.84	
C-3	SLP0156		0	1	FT	GAMMASPEC	RADIUM-226	1.09	PCI/G	0.1		VV
C-3	SLP0156		0	1	FT	GAMMASPEC	THORIUM-230	3.28	PCI/G	4.08	UJ	VV
C-3	SLP0156		0	1	FT	GAMMASPEC	URANIUM-238	1.6	PCI/G	0.61	UJ	VV
C-3	SLP0157		1	2	FT	ALPHASPEC	THORIUM-230	187.3	PCI/G	34.27		VV
C-3	SLP0157		1	2	FT	GAMMASPEC	RADIUM-226	4.82	PCI/G	0.33		VV
C-3	SLP0157		1	2	FT	GAMMASPEC	THORIUM-230	109.1	PCI/G	23.9		VV
C-3	SLP0157		1	2	FT	GAMMASPEC	URANIUM-238	6.04	PCI/G	1.53	UJ	VV
C-3	SLP0158		2	3	FT	ALPHASPEC	THORIUM-230	133.6	PCI/G	23.68		VV
C-3	SLP0158		2	3	FT	GAMMASPEC	RADIUM-226	4.91	PCI/G	0.33		VV
C-3	SLP0158		2	3	FT	GAMMASPEC	THORIUM-230	113.4	PCI/G	23.91		VV
C-3	SLP0158		2	3	FT	GAMMASPEC	URANIUM-238	15.05	PCI/G	2.1		VV
C-3	SLP0159		3	4	FT	GAMMASPEC	RADIUM-226	28.89	PCI/G	1.4		VV
C-3	SLP0159		3	4	FT	GAMMASPEC	THORIUM-230	674.4	PCI/G	73.07		VV
C-3	SLP0159		3	4	FT	GAMMASPEC	URANIUM-238	124.1	PCI/G	11.07		VV
C-3	SLP0160		4	5	FT	ALPHASPEC	THORIUM-230	2.32	PCI/G	0.92		VV
C-3	SLP0160		4	5	FT	GAMMASPEC	RADIUM-226	1.21	PCI/G	0.12		VV
C-3	SLP0160		4	5	FT	GAMMASPEC	THORIUM-230	6.59	PCI/G	6.79	UJ	VV
C-3	SLP0160		4	5	FT	GAMMASPEC	URANIUM-238	10.76	PCI/G	1.36		VV
C-3	SLP0161		5	6	FT	ALPHASPEC	THORIUM-230	11.16	PCI/G	2.75		VV
C-3	SLP0161		5	6	FT	GAMMASPEC	RADIUM-226	1.47	PCI/G	0.13		VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>	
C-3	N1250E0850	SLP0161	5	6	FT	GAMMASPEC	THORIUM-230	7.87	PCI/G	8.91	UJ	VV	
C-3		SLP0161	5	6	FT	GAMMASPEC	URANIUM-238	9.79	PCI/G	1.51		VV	
C-3		SLP0162	6	7	FT	ALPHASPEC	THORIUM-230	9.7	PCI/G	2.63		VV	
C-3		SLP0162	6	7	FT	GAMMASPEC	RADIUM-226	1.11	PCI/G	0.11		VV	
C-3		SLP0162	6	7	FT	GAMMASPEC	THORIUM-230	10.74	PCI/G	8.44		VV	
C-3		SLP0162	6	7	FT	GAMMASPEC	URANIUM-238	3.69	PCI/G	0.79	UJ	VV	
C-3		SLP0163	7	8	FT	ALPHASPEC	THORIUM-230	2.86	PCI/G	1.2		VV	
C-3		SLP0163	7	8	FT	GAMMASPEC	RADIUM-226	1.07	PCI/G	0.11		VV	
C-3		SLP0163	7	8	FT	GAMMASPEC	THORIUM-230	2.36	PCI/G	5.13	UJ	VV	
C-3		SLP0163	7	8	FT	GAMMASPEC	URANIUM-238	1.24	PCI/G	0.82	UJ	VV	
C-5		N1250E0900	SLP0148	0	1	FT	ALPHASPEC	THORIUM-230	23.35	PCI/G	4.65		VV
C-5			SLP0148	0	1	FT	GAMMASPEC	RADIUM-226	1.27	PCI/G	0.11		VV
C-5			SLP0148	0	1	FT	GAMMASPEC	THORIUM-230	11.64	PCI/G	6.63		VV
C-5	SLP0148		0	1	FT	GAMMASPEC	URANIUM-238	1.56	PCI/G	0.52	UJ	VV	
C-5	SLP0149		1	2	FT	ALPHASPEC	THORIUM-230	64.33	PCI/G	10.43	J	VV	
C-5	SLP0149		1	2	FT	GAMMASPEC	RADIUM-226	2.53	PCI/G	0.18		VV	
C-5	SLP0149		1	2	FT	GAMMASPEC	THORIUM-230	55.87	PCI/G	12.43		VV	
C-5	SLP0149		1	2	FT	GAMMASPEC	URANIUM-238	4.32	PCI/G	1.26	UJ	VV	
C-5	SLP0150		2	3	FT	ALPHASPEC	THORIUM-230	163.8	PCI/G	27.62		VV	
C-5	SLP0150		2	3	FT	GAMMASPEC	RADIUM-226	7.03	PCI/G	0.44		VV	
C-5	SLP0150		2	3	FT	GAMMASPEC	THORIUM-230	139.8	PCI/G	25.08		VV	
C-5	SLP0150		2	3	FT	GAMMASPEC	URANIUM-238	125.9	PCI/G	11.1		VV	
C-5	SLP0151		3	4	FT	ALPHASPEC	THORIUM-230	6.97	PCI/G	1.56		VV	
C-5	SLP0151		3	4	FT	GAMMASPEC	RADIUM-226	1.41	PCI/G	0.15		VV	
C-5	SLP0151		3	4	FT	GAMMASPEC	THORIUM-230	12.16	PCI/G	12.18	UJ	VV	
C-5	SLP0151		3	4	FT	GAMMASPEC	URANIUM-238	72.2	PCI/G	6.88		VV	
C-5	SLP0152		4	5	FT	ALPHASPEC	THORIUM-230	7.4	PCI/G	1.66		VV	
C-5	SLP0152		4	5	FT	GAMMASPEC	RADIUM-226	1.34	PCI/G	0.11		VV	
C-5	SLP0152		4	5	FT	GAMMASPEC	THORIUM-230	7.02	PCI/G	8.53	UJ	VV	
C-5	SLP0152		4	5	FT	GAMMASPEC	URANIUM-238	23.34	PCI/G	2.62		VV	
C-5	SLP0153		5	6	FT	ALPHASPEC	THORIUM-230	1.42	PCI/G	0.54		VV	
C-5	SLP0153		5	6	FT	GAMMASPEC	RADIUM-226	1.14	PCI/G	0.1		VV	
C-5	SLP0153		5	6	FT	GAMMASPEC	THORIUM-230	3.02	PCI/G	5.37	UJ	VV	
C-5	SLP0153		5	6	FT	GAMMASPEC	URANIUM-238	12.06	PCI/G	1.44		VV	
C-5	SLP0154		6	7	FT	ALPHASPEC	THORIUM-230	1.5	PCI/G	0.55		VV	
C-5	SLP0154		6	7	FT	GAMMASPEC	RADIUM-226	1.15	PCI/G	0.11		VV	

SLAPS Phase 1A Soil Analytical Data - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
C-5	N1250E0900	SLP0154	6	7	FT	GAMMASPEC	THORIUM-230	1.67	PCI/G	6.26	UJ	VV
C-5		SLP0154	6	7	FT	GAMMASPEC	URANIUM-238	19.15	PCI/G	2.24		VV
C-5		SLP0155	7	8	FT	ALPHASPEC	THORIUM-230	1.53	PCI/G	0.57		VV
C-5		SLP0155	7	8	FT	GAMMASPEC	RADIUM-226	1.16	PCI/G	0.1		VV
C-5		SLP0155	7	8	FT	GAMMASPEC	THORIUM-230	1.01	PCI/G	4.36	UJ	VV
C-5		SLP0155	7	8	FT	GAMMASPEC	URANIUM-238	5.91	PCI/G	1.07		VV
B-2	N1275E0825	SLP0172	0	1	FT	ALPHASPEC	THORIUM-230	39.82	PCI/G	7.03	J	VV
B-2		SLP0172	0	1	FT	GAMMASPEC	RADIUM-226	1.65	PCI/G	0.16		VV
B-2		SLP0172	0	1	FT	GAMMASPEC	THORIUM-230	40.17	PCI/G	20.5		VV
B-2		SLP0172	0	1	FT	GAMMASPEC	URANIUM-238	3.95	PCI/G	1.85	UJ	VV
B-2		SLP0173	1	2	FT	ALPHASPEC	THORIUM-230	36.6	PCI/G	6.46	J	VV
B-2		SLP0173	1	2	FT	GAMMASPEC	RADIUM-226	2.29	PCI/G	0.21		VV
B-2		SLP0173	1	2	FT	GAMMASPEC	THORIUM-230	39.87	PCI/G	21.38		VV
B-2		SLP0173	1	2	FT	GAMMASPEC	URANIUM-238	3.95	PCI/G	2.42	UJ	VV
B-2		SLP0174	2	3	FT	ALPHASPEC	THORIUM-230	67.01	PCI/G	11.84	J	VV
B-2		SLP0174	2	3	FT	GAMMASPEC	RADIUM-226	4.6	PCI/G	0.36		VV
B-2		SLP0174	2	3	FT	GAMMASPEC	THORIUM-230	90.11	PCI/G	32.06		VV
B-2		SLP0174	2	3	FT	GAMMASPEC	URANIUM-238	16.66	PCI/G	4.42		VV
B-2		SLP0175	3	4	FT	ALPHASPEC	THORIUM-230	5.66	PCI/G	1.39	J	VV
B-2		SLP0175	3	4	FT	GAMMASPEC	RADIUM-226	0.94	PCI/G	0.12		VV
B-2		SLP0175	3	4	FT	GAMMASPEC	THORIUM-230	17.68	PCI/G	14.47		VV
B-2		SLP0175	3	4	FT	GAMMASPEC	URANIUM-238	3.05	PCI/G	1.59	UJ	VV
B-2		SLP0176	4	5	FT	ALPHASPEC	THORIUM-230	2.54	PCI/G	0.86	J	VV
B-2		SLP0176	4	5	FT	GAMMASPEC	RADIUM-226	1	PCI/G	0.11		VV
B-2		SLP0176	4	5	FT	GAMMASPEC	THORIUM-230	3.67	PCI/G	11.4	UJ	VV
B-2		SLP0176	4	5	FT	GAMMASPEC	URANIUM-238	2.09	PCI/G	1.93	UJ	VV
B-2		SLP0177	5	6	FT	ALPHASPEC	THORIUM-230	18.14	PCI/G	3.4	J	VV
B-2		SLP0177	5	6	FT	GAMMASPEC	RADIUM-226	1.93	PCI/G	0.18		VV
B-2		SLP0177	5	6	FT	GAMMASPEC	THORIUM-230	53.25	PCI/G	24.36		VV
B-2		SLP0177	5	6	FT	GAMMASPEC	URANIUM-238	3.66	PCI/G	2.62	UJ	VV
B-2		SLP0178	6	7	FT	ALPHASPEC	THORIUM-230	2.04	PCI/G	0.71	J	VV
B-2		SLP0178	6	7	FT	GAMMASPEC	RADIUM-226	1.13	PCI/G	0.12		VV
B-2		SLP0178	6	7	FT	GAMMASPEC	THORIUM-230	5.52	PCI/G	14.34	UJ	VV
B-2		SLP0178	6	7	FT	GAMMASPEC	URANIUM-238	2.65	PCI/G	1.71	UJ	VV
B-2		SLP0179	7	8	FT	ALPHASPEC	THORIUM-230	2.17	PCI/G	0.76	J	VV
B-2		SLP0179	7	8	FT	GAMMASPEC	RADIUM-226	1.13	PCI/G	0.13		VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
B-2	N1275E0825	SLP0179	7	8	FT	GAMMASPEC	THORIUM-230	2.4	PCI/G	12.61	UJ	VV
B-2		SLP0179	7	8	FT	GAMMASPEC	URANIUM-238	3.86	PCI/G	2.03	UJ	VV
B-4	N1275E085	SLP0180	0	1	FT	ALPHASPEC	THORIUM-230	8.19	PCI/G	2.22		VV
B-4		SLP0180	0	1	FT	GAMMASPEC	RADIUM-226	1.07	PCI/G	0.1		VV
B-4		SLP0180	0	1	FT	GAMMASPEC	THORIUM-230	0.34	PCI/G	4.25	UJ	VV
B-4		SLP0180	0	1	FT	GAMMASPEC	URANIUM-238	1.32	PCI/G	0.68	UJ	VV
B-4		SLP0181	1	2	FT	GAMMASPEC	RADIUM-226	74	PCI/G	3.54		VV
B-4		SLP0181	1	2	FT	GAMMASPEC	THORIUM-230	562.2	PCI/G	94.14		VV
B-4		SLP0181	1	2	FT	GAMMASPEC	URANIUM-238	151.8	PCI/G	15.15		VV
B-4		SLP0182	2	3	FT	ALPHASPEC	THORIUM-230	41.53	PCI/G	7.14		VV
B-4		SLP0182	2	3	FT	GAMMASPEC	RADIUM-226	3.52	PCI/G	0.28		VV
B-4		SLP0182	2	3	FT	GAMMASPEC	THORIUM-230	40.08	PCI/G	23.41		VV
B-4		SLP0182	2	3	FT	GAMMASPEC	URANIUM-238	51.21	PCI/G	5.89		VV
B-4		SLP0183	3	4	FT	ALPHASPEC	THORIUM-230	3.77	PCI/G	1.08		VV
B-4		SLP0183	3	4	FT	GAMMASPEC	RADIUM-226	0.94	PCI/G	0.14		VV
B-4		SLP0183	3	4	FT	GAMMASPEC	THORIUM-230	7.56	PCI/G	10.4	UJ	VV
B-4		SLP0183	3	4	FT	GAMMASPEC	URANIUM-238	11.94	PCI/G	2		VV
B-4		SLP0184	4	5	FT	ALPHASPEC	THORIUM-230	142.1	PCI/G	25.35		VV
B-4		SLP0184	4	5	FT	GAMMASPEC	RADIUM-226	5.92	PCI/G	0.4		VV
B-4		SLP0184	4	5	FT	GAMMASPEC	THORIUM-230	222.2	PCI/G	29.17		VV
B-4		SLP0184	4	5	FT	GAMMASPEC	URANIUM-238	3.33	PCI/G	1.8	UJ	VV
B-4		SLP0185	5	6	FT	ALPHASPEC	THORIUM-230	3.97	PCI/G	1.08		VV
B-4		SLP0185	5	6	FT	GAMMASPEC	RADIUM-226	1.16	PCI/G	0.13		VV
B-4		SLP0185	5	6	FT	GAMMASPEC	THORIUM-230	3.23	PCI/G	6.54	UJ	VV
B-4		SLP0185	5	6	FT	GAMMASPEC	URANIUM-238	3.14	PCI/G	1.15	UJ	VV
B-4		SLP0186	6	7	FT	ALPHASPEC	THORIUM-230	1.99	PCI/G	0.68		VV
B-4		SLP0186	6	7	FT	GAMMASPEC	RADIUM-226	1.16	PCI/G	0.14		VV
B-4		SLP0186	6	7	FT	GAMMASPEC	THORIUM-230	3.68	PCI/G	6.74	UJ	VV
B-4		SLP0186	6	7	FT	GAMMASPEC	URANIUM-238	2.38	PCI/G	1.34	UJ	VV
B-4		SLP0187	7	8	FT	ALPHASPEC	THORIUM-230	2.82	PCI/G	0.9		VV
B-4		SLP0187	7	8	FT	GAMMASPEC	RADIUM-226	1.21	PCI/G	0.14		VV
B-4		SLP0187	7	8	FT	GAMMASPEC	THORIUM-230	15.86	PCI/G	12.22		VV
B-4		SLP0187	7	8	FT	GAMMASPEC	URANIUM-238	1.3	PCI/G	1.02	UJ	VV
A-3		N1300E0850	SLP0188	0	1	FT	ALPHASPEC	THORIUM-230	2.67	PCI/G	0.94	
A-3	SLP0188		0	1	FT	GAMMASPEC	RADIUM-226	1.08	PCI/G	0.1		VV

SLAPS Phase 1A Soil Analytical Results - Radiological Constituents

Station Location	State Plane Co-ord.	Sample ID <sup>1</sup>	Sample Interval (ft. below ground surface)			Analytical Method <sup>2</sup>	Radiological Analyte	Result	Units	Error	Review Qualifier <sup>3</sup>	Usage Code <sup>4</sup>
A-3	N1300E0850	SLP0188	0	1	FT	GAMMASPEC	THORIUM-230	2.06	PCI/G	4.87	UJ	VV
A-3		SLP0188	0	1	FT	GAMMASPEC	URANIUM-238	1.31	PCI/G	0.66	UJ	VV
A-3		SLP0189	1	2	FT	ALPHASPEC	THORIUM-230	17.86	PCI/G	3.26		VV
A-3		SLP0189	1	2	FT	GAMMASPEC	RADIUM-226	1.52	PCI/G	0.15		VV
A-3		SLP0189	1	2	FT	GAMMASPEC	THORIUM-230	23.86	PCI/G	12.89		VV
A-3		SLP0189	1	2	FT	GAMMASPEC	URANIUM-238	3.13	PCI/G	1.51	UJ	VV
A-3		SLP0190	2	3	FT	ALPHASPEC	THORIUM-230	137.2	PCI/G	24.02		VV
A-3		SLP0190	2	3	FT	GAMMASPEC	RADIUM-226	4.46	PCI/G	0.31		VV
A-3		SLP0190	2	3	FT	GAMMASPEC	THORIUM-230	132.9	PCI/G	27.68		VV
A-3		SLP0190	2	3	FT	GAMMASPEC	URANIUM-238	30.73	PCI/G	3.93		VV
A-3		SLP0191	3	4	FT	ALPHASPEC	THORIUM-230	6.16	PCI/G	1.44		VV
A-3		SLP0191	3	4	FT	GAMMASPEC	RADIUM-226	1.18	PCI/G	0.14		VV
A-3		SLP0191	3	4	FT	GAMMASPEC	THORIUM-230	0.91	PCI/G	9.2	UJ	VV
A-3		SLP0191	3	4	FT	GAMMASPEC	URANIUM-238	21.72	PCI/G	2.85		VV
A-3		SLP0192	4	5	FT	ALPHASPEC	THORIUM-230	77.62	PCI/G	13.73		VV
A-3		SLP0192	4	5	FT	GAMMASPEC	RADIUM-226	2.99	PCI/G	0.23		VV
A-3		SLP0192	4	5	FT	GAMMASPEC	THORIUM-230	70.76	PCI/G	14.02		VV
A-3		SLP0192	4	5	FT	GAMMASPEC	URANIUM-238	6.94	PCI/G	1.39	UJ	VV
A-3		SLP0193	5	6	FT	ALPHASPEC	THORIUM-230	1.68	PCI/G	0.62		VV
A-3		SLP0193	5	6	FT	GAMMASPEC	RADIUM-226	1	PCI/G	0.15		VV
A-3	SLP0193	5	6	FT	GAMMASPEC	THORIUM-230	26.75	PCI/G	13.98		VV	
A-3	SLP0193	5	6	FT	GAMMASPEC	URANIUM-238	4.1	PCI/G	2.77	UJ	VV	
A-3	SLP0194	6	7	FT	ALPHASPEC	THORIUM-230	2	PCI/G	0.71		VV	
A-3	SLP0194	6	7	FT	GAMMASPEC	RADIUM-226	1.16	PCI/G	0.17		VV	
A-3	SLP0194	6	7	FT	GAMMASPEC	THORIUM-230	-7.23	PCI/G	16.44	UJ	VV	
A-3	SLP0194	6	7	FT	GAMMASPEC	URANIUM-238	2.64	PCI/G	2.35		VV	
A-3	SLP0195	7	8	FT	ALPHASPEC	THORIUM-230	1.21	PCI/G	0.51		VV	
A-3	SLP0195	7	8	FT	GAMMASPEC	RADIUM-226	1.18	PCI/G	0.17		VV	
A-3	SLP0195	7	8	FT	GAMMASPEC	THORIUM-230	3.4	PCI/G	15.87	UJ	VV	
A-3	SLP0195	7	8	FT	GAMMASPEC	URANIUM-238	2.65	PCI/G	2.47	UJ	VV	

**Table Notes**

1. *Sample ID* - This is a sequential number used by the sampler and laboratory to track sample analyses. The "Station Location" is the actual sampling location identifier.
2. *Analytical Method* - All soil radiological analyses were conducted by the on-site laboratory. All soils were initially analyzed using gamma spectroscopy. Where possible (i.e. activity levels were low or mid-range), soil samples were also re-analyzed for Thorium-230 using alpha spectroscopy. Alpha spectroscopy is used to provide greater accuracy results for samples with low Thorium-230 concentrations. High Thorium concentrations can be determined using gamma spectroscopy. Both gamma and alpha spectroscopy results are provided in this table.
3. *Review Qualifier* - Bechtel National, Inc. (BNI) data qualifier flags:
  - U* = The analyte was not detected
  - UJ* = The analyte was not detected; estimated value is reported. The results is below the MDA or less than the associated error.
4. *Usage Code* - Data Usage Code *VV* = verified and validated data





**SLAPS Draft Final Phase 1A Soil Analytical Results - Chemical Constituents**

Station ID	H-2		H-2		J-2		J-2		H-4		H-4		G-5		G-5	
Sample ID	SLP0081	Q	SLP0082	Q	SLP0083	Q	SLP0084	Q	SLP0085	Q	SLP0086	Q	SLP0087	Q	SLP0088	Q
Northing	1125		1125		1075		1075		1125		1125		1150		1150	
Easting	825		825		825		825		875		875		900		900	
Depth (ft. below ground surface)	3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'	

TCLP Volatiles - Continued (mg/kg)																
methyl ethyl ketone (2-butanone)	25	U														
carbon tetrachloride (tetrachloromethane)	25	U														
trichloroethene	25	U														
benzene	25	U														
tetrachloroethene	25	U														
benzene	25	U														
chlorobenzene	25	U														

PCBs (mg/kg)																
toxaphene	200	U	200	U	200	U	200	U	180	U	200	U	200	U	200	U
aroclor-1016	38	U	39	U	39	U	40	U	36	U	39	U	39	U	39	U
aroclor-1221	78	U	80	U	80	U	81	U	73	U	80	U	80	U	80	U
aroclor-1232	38	U	39	U	39	U	40	U	36	U	39	U	39	U	39	U
aroclor-1242	38	U	39	U	39	U	40	U	36	U	39	U	39	U	39	U
aroclor-1248	38	U	39	U	39	U	40	U	36	U	39	U	39	U	39	U
aroclor-1254	38	U	19	J	39	U	35	J	13	J	52		12	J	39	U
aroclor-1260	38	U	39	U	39	U	40	U	36	U	39	U	39	U	39	U

Total metals (mg/kg)																
aluminum	9520		10900		12600		13300		10100		9320		14600		7600	
antimony	0.78	UJ	0.47	UJ	0.93	UJ	0.33	UJ	0.54	UJ	0.66	UJ	0.81	UJ	0.45	J

SLAPS Draft Final Phase 1A Soil Analytical Results - Chemical Constituents

Station ID	H-2		H-2		J-2		J-2		H-4		H-4		G-5		G-5	
Sample ID	SLP0081	Q	SLP0082	Q	SLP0083	Q	SLP0084	Q	SLP0085	Q	SLP0086	Q	SLP0087	Q	SLP0088	Q
Northing	1125		1125		1075		1075		1125		1125		1150		1150	
Easting	825		825		825		825		875		875		900		900	
Depth (ft. below ground surface)	3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'	

Total metals - Continued (mg/kg)																
arsenic	6.2		15.3		6.6		27.6		9.9		13.3		9.5		5.0	
barium	159		377		224		631		234		261		237		124	
beryllium	0.56		0.90		0.70		1.3		0.67		0.78		0.73		0.52	
boron	3.7	J	4.7	J	4.4	J	5.9	J	5.2	J	3.4	J	4.3	J	3.1	J
cadmium	0.29	J	0.80		0.29	J	1.4		0.65		0.72		0.68		0.25	J
calcium	3570		15400		12200		22300		42000		12000		3500		1870	
chromium	13.1		16.2		15.9		22.4		14.8		14.1		19.4		11.2	
cobalt	6.2	J	58.1	J	8.7	J	114	J	31.1	J	45.9	J	58.4	J	6.1	J
copper	11.6		33.5		14.8		60.9		24.4		29.2		29.0		9.9	
iron	14000		17300		17900		28000		15300		21000		21800		11000	
lead	11.6		41.6		16.3		61.4		35.0		28.9		18.8		12.6	
magnesium	2590		7800		6970		7270		10600		5660		3780		1700	
manganese	479		574		1010		698		565		1070		620		272	
mercury	0.04	U	0.04	U	0.04	U	0.04	U	not reported		0.04	U	0.04	U	0.04	U
molybdenum	0.75	J	1.0	J	1.0	J	1.8		0.81	J	2.1		0.23	J	0.43	J
nickel	16.4		101		18.0		231		60.7		83.6		170		12.6	
potassium	943		1180		1090		1440		1110		912		1230		879	
selenium	2.8	J	3.2	J	1.5	UJ	7.8	J	2.1	J	2.9	J	0.87	UJ	19.2	J
silicon	220	J	228	J	232	J	226	J	175	J	260	J	136	J	236	J
silver	0.20	U	0.44	J	0.20	U	0.85	J	0.18	U	0.28	J	0.30	J	0.20	
sodium	288		295		284		360		299		269		248		284	
strontium	17.0		38.2		24.9		54.6		57.2		29.6		29.6		12.7	
thallium	0.85	J	1.9		1.5		2.7		1.1		1.5		1.9		0.83	J

## SLAPS Draft Final Phase 1A Soil Analytical Results - Chemical Constituents

Station ID	H-2		H-2		J-2		J-2		H-4		H-4		G-5		G-5	
Sample ID	SLP0081	Q	SLP0082	Q	SLP0083	Q	SLP0084	Q	SLP0085	Q	SLP0086	Q	SLP0087	Q	SLP0088	Q
Northing	1125		1125		1075		1075		1125		1125		1150		1150	
Easting	825		825		825		825		875		875		900		900	
Depth (ft. below ground surface)	3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'	

Total metals - Continued (mg/kg)																
vanadium	33.3		569		26.8		920		181		367		37.8		26.8	
zinc	41.2		76.1		47.2		109		59.8		61.8		274		37.9	

### Other analyses

TOX (mg/kg)	1.16	U	1.19		1.19		1.2		1.08		1.19		1.19		1.18	
reactivity-Cn (mg/kg)	0.025	U														
reactivity-S (mg/kg)	20	U														
corrosivity-pH (pH units)	10.4		9.57		10.1		10.3		9.88		10.1		10		10.4	
ignitability (degrees F)	200		200		200		200		200		200		200		200	
paint filter (mls)	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U

### Total Semi-volatiles (mg/kg)

phenol	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
bis(2-chloroethyl) ether	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2-chlorophenol	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
1,3-dichlorobenzene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
1,4-dichlorobenzene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
benzyl alcohol	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
1,2-dichlorobenzene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
o-cresol (2-methylphenol)	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,2-oxybis (1-chloropropane)	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
p-cresol (4-methylphenol)	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
n-nitroso-di-n-propylamine	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U

**SLAPS Draft Final Phase 1A Soil Analytical Results - Chemical Constituents**

Station ID	H-2		H-2		J-2		J-2		H-4		H-4		G-5		G-5	
Sample ID	SLP0081	Q	SLP0082	Q	SLP0083	Q	SLP0084	Q	SLP0085	Q	SLP0086	Q	SLP0087	Q	SLP0088	Q
Northing	1125		1125		1075		1075		1125		1125		1150		1150	
Easting	825		825		825		825		875		875		900		900	
Depth (ft. below ground surface)	3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'	

Total Semi-volatiles - Continued (mg/kg)																
hexachloroethane	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
nitrobenzene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
isophorone	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2-nitrophenol	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,4-dimethylphenol	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
benzoic acid	1900	U	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
bis (2-chloroethoxy) methane	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,4-dichlorophenol	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
1,2,4-trichlorobenzene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
naphthalene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
4-chloroaniline	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
hexachlorobutadiene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
4-chloro-3-methylphenol	46	J	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2-methylnaphthalene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
hexachlorocyclopentadiene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,4,6-trichlorophenol	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,4,5-trichlorophenol	1900	U	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
2-chloronaphthalene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2-nitroaniline	1900	U	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
dimethylphthalate	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
acenaphthylene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,6-dinitrotoluene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
3-nitroaniline	1900	U	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U

## SLAPS Draft Final Phase 1A Soil Analytical Results - Chemical Constituents

Station ID	H-2		H-2		J-2		J-2		H-4		H-4		G-5		G-5	
Sample ID	SLP0081	Q	SLP0082	Q	SLP0083	Q	SLP0084	Q	SLP0085	Q	SLP0086	Q	SLP0087	Q	SLP0088	Q
Northing	1125		1125		1075		1075		1125		1125		1150		1150	
Easting	825		825		825		825		875		875		900		900	
Depth (ft. below ground surface)	3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'	

Total Semi-volatiles - Continued (mg/kg)																
acenaphthene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,4-dinitrotoluene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
2,4-dinitrophenol	1900	U	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
4-nitrophenol	43	J	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
dibenzofuran	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
diethylphthalate	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
4-chlorophenyl-phenylether	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
fluorene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
4-nitroaniline	1900	U	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
4,6-dinitro-2-methylphenol	1900	U	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
n-nitrosodiphenylamine	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
4-bromophenylphenylether	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
hexachlorobenzene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
pentachlorophenol	44	J	1900	U	1900	U	1900	U	1700	U	1900	U	1900	U	1900	U
carbazole	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
phenanthrene	380	U	390	U	390	U	400	U	56	J	41	J	390	U	390	U
anthracene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
di-n-butylphthalate	380	U	44	J	390	U	400	U	360	U	390	U	390	U	390	U
fluoranthene	380	U	40	J	390	U	99	J	110	J	130	J	390	U	390	U
pyrene	380	U	390	U	390	U	91	J	98	J	140	J	390	U	390	U
butylbenzylphthalate	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
3,3-dichlorobenzidine	770	U	780	U	780	U	800	U	720	U	780	U	780	U	780	U
benzo(a)anthracene	380	U	390	U	390	U	49	J	54	J	68	J	390	U	390	U

## SLAPS Draft Final Phase 1A Soil Analytical Results - Chemical Constituents

Station ID	H-2		H-2		J-2		J-2		H-4		H-4		G-5		G-5	
Sample ID	SLP0081	Q	SLP0082	Q	SLP0083	Q	SLP0084	Q	SLP0085	Q	SLP0086	Q	SLP0087	Q	SLP0088	Q
Northing	1125		1125		1075		1075		1125		1125		1150		1150	
Easting	825		825		825		825		875		875		900		900	
Depth (ft. below ground surface)	3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'	

Total Semi-volatiles - Continued (mg/kg)																
chrysene	380	U	390	U	390	U	58	J	54	J	89	J	390	U	390	U
bis (2-ethylhexyl) phthalate	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
di-n-octylphthalate	380	U	390	U	390	U	400	U	360	U	390	U	390	U	54	J
benzo(b)fluoranthene	380	U	390	U	390	U	52	J	51	J	120	J	390	U	390	U
benzo(k)fluoranthene	380	U	390	U	390	U	63	J	54	J	100	J	390	U	390	U
benzo(a)pyrene	80	J	390	U	390	U	57	J	54	J	120	J	390	U	390	U
indeno(1,2,3-cd)pyrene	380	U	390	U	390	U	400	U	360	U	66	J	390	U	390	U
dibenz(a,h)anthracene	380	U	390	U	390	U	400	U	360	U	390	U	390	U	390	U
benzo(g,h,i)perylene	93	J	390	U	64	J	42	J	360	U	92	J	390	U	390	U

Total Volatiles (mg/kg)																
chloromethane	6	UJ	6	UJ	6	UJ	6	UJ	5	UJ	6	UJ	6	UJ	6	UJ
bromomethane	6	UJ	6	UJ	6	UJ	6	UJ	5	UJ	6	UJ	6	UJ	6	UJ
vinyl chloride	6	UJ	6	UJ	6	UJ	6	UJ	5	UJ	6	UJ	6	UJ	6	UJ
chloroethane	6	UJ	6	UJ	6	UJ	6	UJ	5	UJ	6	UJ	6	UJ	6	UJ
methylene chloride	100		71		59		6	J	57		70		71		53	
acetone	6	UJ	6	UJ	6	UJ	6	U	5	UJ	6	UJ	6	UJ	6	UJ
carbon disulfide	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
1,1-dichloroethene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
1,1-dichloroethane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
1,2-dichloroethene (total)	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
chloroform	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
1,2-dichloroethane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
2-butanone	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U

## SLAPS Draft Final Phase 1A Soil Analytical Results - Chemical Constituents

Station ID	H-2		H-2		J-2		J-2		H-4		H-4		G-5		G-5	
Sample ID	SLP0081	Q	SLP0082	Q	SLP0083	Q	SLP0084	Q	SLP0085	Q	SLP0086	Q	SLP0087	Q	SLP0088	Q
Northing	1125		1125		1075		1075		1125		1125		1150		1150	
Easting	825		825		825		825		875		875		900		900	
Depth (ft. below ground surface)	3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'		3 to 4'		4 to 5'	

Total Volatiles - Continued (mg/kg)																
1,1,1-trichloroethane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
carbon tetrachloride (tetrachloromethane)	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
bromodichloromethane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
1,2-dichloropropane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
cis-1,3-dichloropropene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
trichloroethene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
dibromochloromethane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
1,1,2-trichloroethane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
benzene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
trans-1,3-dichloropropene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
bromoform	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
4-methyl-2-pentanone	6	UJ	6	UJ	6	UJ	6	U	5	UJ	6	UJ	6	UJ	6	UJ
2-hexanone	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
tetrachloroethene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
tolulene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
1,1,2,2-tetrachloroethane	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
chlorobenzene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
ethyl benzene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
styrene	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U
xylene (total)	6	U	6	U	6	U	6	U	5	U	6	U	6	U	6	U

SL-1271

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Formerly Utilized Sites Remedial Action Program (FUSRAP)

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# ADMINISTRATIVE RECORD

for the St. Louis Site, Missouri

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