TABLES

Table 1: Summary of Phase 1A GCPT Results

GCPT Name	Northing	Easting	Ground Elevation	Date	Total Depth (ft)	Maximum Gamma (cps)	Maximum Gamma Depth (ft)
GCPT 1-1A	1,068,820.4	515,835.2	471.0	11/25/13	39.7	124.4	32.5
GCPT 1-1	1,068,826.6	515,829.0	471.0	11/25/13	22.1	104.3	1.1
GCPT 1-2	1,068,777.7	515,870.6	471.7	11/25/13	40.4	1,131.3	24.4
GCPT 2-1	1,068,905.8	515,882.1	472.8	11/24/13	50.9	93.5	3.3
GCPT 2-2	1,068,879.3	515,916.5	474.9	11/24/13	8.7	104.9	1.5
GCPT 2-2A	1,068,874.3	515,928.3	475.3	11/24/13	9.4	96.1	1.5
GCPT 2-2B	1,068,874.3	515,928.3	475.3	11/24/13	43.1	1,600.0	34.0
GCPT 2-3	1,068,819.1	515,941.6	476.6	11/24/13	1.0	0.0	no gamma
GCPT 2-3A	1,068,819.1	515,941.6	476.6	11/24/13	39.4	578.7	35.6
GCPT 3-1	1,068,944.0	515,949.3	474.9	11/24/13	7.4	95.4	4.4
GCPT 3-1A	1,068,944.0	515,949.3	474.9	11/24/13	41.2	1,313.5	27.7
GCPT 3-2	1,068,866.4	516,006.0	479.0	11/24/13	48.1	103.1	1.0
GCPT 4-1	1,068,941.6	516,007.7	474.4	11/14/13	53.1	8,136.6	28.9
GCPT 4-2	1,068,880.9	516,038.0	479.0	11/14/13	52.8	677.4	34.0
GCPT 5-1	1,069,052.6	516,101.8	473.6	11/19/13	41.0	2,112.3	25.1
GCPT 5-2	1,069,012.1	516,040.9	473.3	11/18/13	51.2	1,911.4	26.2
GCPT 5-3	1,068,985.5	516,093.3	474.7	11/19/13	44.3	10,527.7	29.4
GCPT 5-4A	1,068,931.2	516,116.5	478.0	11/19/13	46.3	147.0	11.8
GCPT 5-4	1,068,925.0	516,116.6	478.2	11/19/13	7.7	88.5	1.3
GCPT 6-2	1,069,108.9	516,196.5	473.0	11/19/13	48.7	104.3	13.3
GCPT 6-3	1,069,036.5	516,180.8	474.0	11/19/13	45.1	1,720.3	27.9
GCPT 6-4	1,068,976.4	516,208.6	482.7	11/16/13	25.6	73.9	3.1
GCPT 6-5	1,068,969.6	516,218.3	482.6	11/16/13	60.0	101.8	3.3
GCPT 7-1	1,069,155.5	516,310.8	470.9	11/15/13	52.0	103.4	7.9
GCPT 7-2	1,069,085.7	516,269.3	472.6	11/19/13	50.0	100.2	4.9
GCPT 7-3	1,069,013.0	516,308.3	479.2	11/16/13	54.5	209.3	40.0
GCPT 8-1	1,069,039.2	516,366.5	479.7	11/15/13	57.1	330.9	29.0
GCPT 9-1	1,069,152.0	516,357.3	470.3	11/15/13	47.6	138.0	6.2
GCPT 9-2	1,069,098.6	516,379.6	472.1	11/19/13	54.0	97.1	16.9
GCPT 9-3A	1,069,049.4	516,404.6	479.2	11/15/13	55.9	103.8	15.3
GCPT 9-3	1,069,055.6	516,401.1	479.6	11/15/13	4.9	60.7	1.8
GCPT 10-1	1,069,190.5	516,433.0	471.1	11/19/13	47.6	113.8	1.6
GCPT 10-2	1,069,140.6	516,449.8	472.3	11/20/13	53.1	108.1	7.5
GCPT 10-3A	1,069,075.4	516,462.9	485.4	11/18/13	7.2	81.5	3.4
GCPT 10-3	1,069,074.6	516,465.6	485.3	11/18/13	4.9	67.9	1.6
GCPT 10-4A	1,069,061.2	516,477.9	483.6	11/18/13	54.1	110.7	14.9
GCPT 10-4	1,069,060.4	516,474.7	483.6	11/18/13	2.6	0.0	no gamma
GCPT 11-1	1,069,222.9	516,503.6	479.8	11/21/13	50.9	153.5	0.2
GCPT 11-2	1,069,168.0	516,518.2	474.8	11/20/13	52.2	126.9	15.4
GCPT 11-3	1,069,137.5	516,551.1	476.6	11/20/13	53.5	114.3	6.1
GCPT 11-4	1,069,072.8	516,565.5	482.7	11/18/13	50.7	163.2	45.9
GCPT 12-1	1,069,249.3	516,567.6	479.4	11/20/13	34.1	5,135.1	24.1
GCPT 12-2	1,069,198.1	516,592.8	476.0	11/20/13	54.1	109.1	1.3

Table 1: Summary of Phase 1A GCPT Results

GCPT Name	Northing	Easting	Ground Elevation	Date	Total Depth (ft)	Maximum Gamma (cps)	Maximum Gamma Depth (ft)
GCPT 12-3	1,069,163.5	516,608.9	475.9	11/21/13	55.4	124.6	4.1
GCPT 12-4	1,069,124.7	516,619.7	476.4	11/21/13	57.4	122.9	38.5
GCPT 12-5	1,069,091.2	516,638.7	478.5	11/21/13	42.2	107.2	7.5
GCPT 12-6	1,069,031.3	516,650.6	479.0	11/18/13	62.7	106.3	23.1
GCPT 13-1	1,069,279.4	516,642.0	470.9	11/21/13	22.1	471.7	15.4
GCPT 13-2A	1,069,256.4	516,650.4	471.8	11/21/13	4.8	52.7	1.6
GCPT 13-2	1,069,258.1	516,646.3	471.5	11/21/13	3.9	41.5	0.8
GCPT 13-3	1,069,242.5	516,658.3	472.2	11/21/13	4.1	42.0	1.3
GCPT 13-4	1,069,194.6	516,676.5	474.0	11/21/13	2.3	0.0	no gamma
GCPT 13-5	1,069,148.4	516,695.0	475.4	11/22/13	3.1	31.2	0.3
GCPT 13-6	1,069,094.3	516,722.1	475.9	11/22/13	8.5	96.7	3.4
GCPT 13-7	1,069,028.3	516,764.5	474.3	11/22/13	14.3	99.4	1.6
GCPT 14-1	1,069,289.8	516,676.9	474.2	11/22/13	47.6	494.0	18.9
GCPT 14-2	1,069,248.8	516,703.0	474.5	11/22/13	4.1	60.0	1.1
GCPT 14-3	1,069,218.2	516,720.7	473.7	11/22/13	1.3	0.0	no gamma
GCPT 14-4	1,069,177.0	516,745.0	474.6	11/22/13	2.6	0.0	no gamma
GCPT 14-5	1,069,125.9	516,777.9	473.3	11/22/13	11.5	96.2	1.6
GCPT 14-6	1,069,077.3	516,811.1	472.7	11/22/13	10.8	110.9	7.4
GCPT 14-7	1,069,029.0	516,850.8	473.1	11/22/13	2.8	22.3	0.2
GCPT 15-1	1,069,362.5	516,757.4	453.8	11/23/13	35.6	199.0	20.3
GCPT 15-2	1,069,277.2	516,767.4	477.3	11/23/13	4.9	53.7	1.6
GCPT 15-3	1,069,247.6	516,788.3	474.0	11/23/13	36.1	163.8	30.5
GCPT 15-4	1,069,209.9	516,811.9	473.1	11/23/13	40.2	140.0	29.4
GCPT 15-5	1,069,166.5	516,848.3	469.2	11/22/13	60.4	118.3	57.7
GCPT 15-6	1,069,125.1	516,878.8	468.8	11/22/13	42.3	118.3	2.6
GCPT 15-7	1,069,083.7	516,906.2	472.1	11/22/13	56.8	107.4	2.5
GCPT 15-8	1,069,046.0	516,931.5	473.8	11/22/13	29.7	145.4	2.3
GCPT 16-1	1,069,393.7	516,784.7	451.2	11/23/13	31.8	153.8	7.2
GCPT 16-2	1,069,365.0	516,787.1	453.1	11/23/13	24.9	115.8	1.8
GCPT 16-3	1,069,262.2	516,837.7	471.3	11/23/13	30.8	112.4	2.3
GCPT 16-4	1,069,234.2	516,866.4	472.5	11/23/13	43.8	124.1	3.0
GCPT 16-5	1,069,196.9	516,903.9	474.0	11/23/13	22.0	114.4	4.8
GCPT 16-6	1,069,158.0	516,935.3	476.8	11/23/13	25.4	110.0	13.6
GCPT 16-7	1,069,114.1	516,970.9	479.8	11/23/13	30.0	106.9	2.6
GCPT 16-8	1,069,073.9	517,002.5	481.9	11/23/13	26.9	110.8	20.7
GCPT-108	1,069,142.1	516,389.0	470.4	11/15/13	57.3	106.8	2.0
GCPT-111A	1,069,183.7	516,592.4	475.7	11/13/13	52.3	159.4	25.9
GCPT-119	1,069,021.0	516,294.2	478.6	11/15/13	49.9	243.6	45.6
GCPT-28A	1,069,253.6	516,490.7	480.5	11/14/13	38.5	1,375.2	24.9
GCPT-25	1,069,345.4	516,405.4	465.3	11/14/13	30.8	1,248.0	8.4
GCPT-36	1,069,217.9	516,193.7	465.0	11/14/13	18.0	324.5	8.5

Table 2: Summary of Phase 1B GCPT Results

GCPT Name	Northing	Easting	Ground Elevation	Date	Total Depth (ft)	Maximum Gamma (cps)	Maximum Gamma Depth (ft)
GCPT 2-2C	1,068,878.5	515,931.1	475.3	2/20/14	44.9	315.1	32.5
GCPT 2-4	1,068,863.2	515,948.7	476.6	2/5/14	53.3	172.0	29.4
GCPT 5-5	1,068,953.9	516,113.2	476.7	2/5/14	47.9	7,506.0	32.2
GCPT 5-6	1,068,998.4	516,126.4	474.7	2/5/14	45.1	6,764.4	27.4
GCPT 6-6	1,069,012.5	516,193.4	475.2	2/6/14	41.7	3,197.6	28.1
GCTP 9-4	1,069,113.5	516,407.0	471.4	2/5/14	52.7	93.7	2.1
GCPT 13-4S	1,069,195.8	516,676.0	474.1	2/3/14	48.6	102.0	36.6
GCPT 13-5S	1,069,148.5	516,697.1	475.5	2/4/14	41.3	94.7	11.5
GCPT 13-6S	1,069,094.3	516,722.1	476.0	2/3/14	59.7	109.2	23.8
GCPT 13-7S	1,069,028.5	516,763.2	474.2	2/6/14	49.4	106.1	20.8
GCPT 14-3S	1,069,218.9	516,719.9	473.7	2/4/14	45.8	111.8	36.6
GCPT 14-5S	1,069,125.8	516,777.3	473.3	2/4/14	26.4	98.0	15.4
GCPT 14-6S	1,069,077.3	516,809.5	472.8	2/4/14	76.1	105.5	14.9
GCPT 1C-1A	1,068,766.6	515,841.4	463.6	1/30/14	19.8	99.8	3.1
GCPT 1C-1	1,068,771.6	515,837.9	463.7	1/30/14	19.8	87.6	3.0
GCPT 1C-2	1,068,737.8	515,904.4	472.3	1/30/14	44.1	0.0	no gamma
GCPT 1C-2R	1,068,733.9	515,907.2	472.5	2/6/14	43.1	521.5	30.3
GCPT 1C-3	1,068,779.0	515,991.4	486.4	1/30/14	42.3	109.6	22.0
GCPT 1C-4	1,068,832.9	516,068.8	486.1	1/30/14	57.7	0.0	no gamma
GPCT 1C-4R	1,068,835.1	516,070.9	486.0	2/6/14	54.3	377.3	43.8
GCPT 1C-5	1,068,986.6	516,413.5	479.0	1/29/14	0.7	0.0	no gamma
GCPT 1C-5A	1,068,986.6	516,413.5	479.0	1/29/14	53.6	108.6	15.1
GCPT 1C-6	1,068,691.8	515,934.8	468.8	2/7/14	27.1	1,413.5	22.1
GCPT 1C-6T1	1,068,684.1	515,939.6	468.9	2/18/14	26.6	2,862.9	23.5
GCPT 1C-6T	1,068,685.9	515,938.7	468.9	2/18/14	26.2	1,506.5	22.8
GCPT 1C-7	1,068,646.9	515,958.2	468.6	2/18/14	36.1	116.3	4.3
GCPT 1C-8	1,068,728.3	516,014.9	491.2	2/19/14	42.0	102.4	3.0
GCPT 1C-9	1,068,746.5	516,049.9	495.2	2/17/14	53.6	106.0	10.4
GCPT 1C-10	1,068,797.8	516,095.9	496.5	2/19/14	42.7	104.6	11.8
GCPT 1C-11	1,068,838.9	516,151.9	496.9	2/19/14	36.4	108.6	3.0
GCPT 1C-12	1,068,865.9	516,200.9	500.1	2/19/14	60.7	956.9	56.3
GCPT 1C-13	1,068,982.2	516,321.9	480.1	2/17/14	47.1	107.3	34.1
PVC-25R	1,069,345.4	516,405.4	465.3	1/29/14	30.0	1,242.7	9.5

Table 3: Summary of Phase 1C Sonic Drilling and Logging Results

Sonic Name	Northing	Easting	Ground Elevation (ft AMSL)	Date	Total Depth (ft)	Depth to Bottom of Waste (ft)	Soil Core Maximum Gamma (CPM)	Depth Interval Maximum Soil Core Gamma Scan (feet)	Down Hole Maximum Gamma (CPM)	Depth Interval Maximum Down Hole Gamma Scan (feet)
1-2	1,068,783.1	515,878.5	472.6	2/1-2/2/14	43	30	11,838	2	4,271	33
2-2	1,068,876.8	515,926.2	475.2	1/31/14	54	48	14,862	22	4,354	32
5-3	1,068,986.8	516,093.8	474.4	01/30/14	53	48	368,717	28	336,937	29.5
8-1	1,069,041.0	516,368.6	479.8	01/20/14	53	43	15,541	44	4,821	28
12-5	1,069,087.1	516,641.3	478.9	01/15/14	49	45	13,053	49	3,864	14
13-3	1,069,232.1	516,662.3	472.6	01/14/14	54	46	13,869	43	3,607	16.5
13-6	1,069,093.5	516,723.8	475.9	02/17/14	89	86.1	12,293	21	3,902	24.5
14-2	1,069,251.0	516,701.5	474.6	01/15/14	58	50	16,548	29	4,008	27.5
14-4	1,069,179.6	516,743.2	474.4	01/19/14	48	38	11,662	40	3,888	9
14-5	1,069,122.9	516,777.9	472.9	02/25/14	89	86	11,457	12	3,454	13.5
14-7	1,069,027.7	516,848.6	473.3	01/16/14	109	98	13,227	31	3,637	31.5
15-2	1,069,281.0	516,768.9	476.5	01/17/14	51	28	13,899	24	5,184	26
16-3	1,069,267.1	516,837.3	470.7	01/18/14	38	28	13,165	10	4,118	20
16-6	1,069,155.4	516,938.7	477.1	01/18/14	34	18	13,051	21	3,841	14
1C-6	1,068,689.0	515,936.0	469.2	02/16/14	93	26.0	15,025	26	53,732	22.5
WL-119	1,069,018.0	516,296.4	479.2	01/19/14	57	49	13,679	1	7,941	32.5

Table 4: Summary of Percussion Direct-Push Drilling Results

Geoprobe Name	Northing	Easting	Ground Elevation	Date
1-2	1,068,779.8	515,869.2	472.9	03/11/14
2-2	1,068,870.7	515,929.3	475.3	03/11/14
2-3	1,068,816.0	515,943.9	476.5	03/11/14
8-1	1,069,036.8	516,363.7	479.6	03/06/14
8-1B	1,069,041.1	516,363.9	479.7	03/06/14
WL-119	1,069,018.3	516,292.0	478.6	03/07/14
WL-119B	1,069,013.9	516,287.8	479.2	03/07/14
WL-119C	1,069,012.8	516,291.9	479.1	03/07/14
1C-2RA	1,068,730.1	515,908.9	472.4	03/11/14
1C-4R	1,068,835.5	516,073.4	486.1	03/12/14
1C-4RB	1,068,837.6	516,076.7	486.0	03/12/14
1C-6T1	1,068,681.6	515,937.1	468.9	03/10/14
1C-12	1,068,867.9	516,204.4	500.1	03/10/14
1C-12B	1,068,863.7	516,197.7	499.7	03/10/14
1C-12C	1,068,862.9	516,203.0	500.2	03/13/14

Table 5: Phase 1C Combined Thorium, Radium and Uranium Results and Potassium-40 Results

Sample Site	Depth Interval (ft)	Combined Thorium (pCi/g)	Combined Radium (pCi/g)	Combined Uranium (pCi/g)	Potassium 40 (pCi/g)
		Unrestricted Use Criteria = 7.9 pCi/g	*Unrestricted Use Criteria = 7.9 pCi/g*	*Unrestricted Use Criteria = 54.4 pCi/g*	
1-2-Geoprobe	23'-24'	1.63	2.72	0.94	18.80
1-2-Geoprobe	28'-29'	0.64	0.85	0.39	7.69
1-2-Sonic	8'-9'	1.05	2.69	0.90	20.92
1-2-Sonic	18'-19'	0.96	2.65	0.81	19.37
1-2-Sonic	20'-21'	1.41	2.28	0.85	15.31
1-2-Sonic	22'-23'	0.13	Non-detect	0.15	4.26
1-2-Sonic	23'-24'	1.51	2.56	0.89	15.34
1-2-Sonic	24'-25'	4.74	2.50	2.09	18.33
1-2-Sonic	28'-29'	2.10	0.61	1.38	5.91
1-2-Sonic	33'-34'	0.28	0.62	0.80	8.39
1-2-Sonic	38'-39'	0.57	1.97	0.65	19.76
1-2-Sonic	38'-39'D	0.40	2.25	0.79	19.21
1-2-Sonic	39'-40'	421.89	6.26	7.74	16.92
1-2-Sonic	40'-41'	Non-detect	0.83	0.38	18.02
2-2-Geoprobe	31'-32'	206.92	13.77	1.56	11.97
2-2-Sonic	5'-6'	2.13	2.14	1.95	17.56
2-2-Sonic	19'-20'	0.16	1.79	0.67	12.91
2-2-Sonic	20'-21'	1.12	Non-detect	0.73	4.43
2-2-Sonic	21'-22'	2.61	2.62	1.68	21.04
2-2-Sonic	22'-23'	1.37	2.85	0.80	18.86
2-2-Sonic	22'-23'D	1.00	2.84	0.89	23.40
2-3-Geoprobe	34'-35'	17.04	4.86	0.98	20.70
2-3-Geoprobe	35'-36'	284.21	21.08	3.39	3.93
5-3-Sonic	25'-26'	5.07	2.41	0.96	16.11
5-3-Sonic	25'-26'D	89.74	6.41	1.36	10.64
5-3-Sonic	28'-29'	26,027.66	1,507.03	882.60	18.57
5-3-Sonic	29'-30'	450.33	6.79	5.56	15.86
5-3-Sonic	29'-30'D	1.38	0.44	1.18	11.70
5-3-Sonic	33'-34'	1,829.12	34.58	25.04	14.73
8-1A-Sonic	28'-29'	2.69	2.15	1.88	8.35
8-1A-Sonic	40'-41'	2.88	3.08	1.92	21.13
8-1A-Sonic	44'-45'	78.25	2.72	1.13	18.61
8-1B-Geoprobe	28'-29'	3.57	0.96	0.78	6.68
8-1B-Geoprobe	28'-29'D	10.58	2.56	0.89	17.26
8-1B-Geoprobe	29'-30'	0.93	0.58	1.30	2.50
12-5-Sonic	2'-3'	2.21	2.09	1.14	14.96
12-5-Sonic	12'-13'	2.59	2.25	1.53	16.25
13-3-Sonic	19'-20'	4.61	2.89	2.05	24.21
13-3-Sonic	29'-30'	1.60	0.73	1.60	8.06

Table 5: Phase 1C Combined Thorium, Radium and Uranium Results and Potassium-40 Results

Sample Site	Depth Interval (ft)	Combined Thorium (pCi/g)	Combined Radium (pCi/g)	Combined Uranium (pCi/g)	Potassium 40 (pCi/g)
		Unrestricted Use Criteria = 7.9 pCi/g	*Unrestricted Use Criteria = 7.9 pCi/g*	*Unrestricted Use Criteria = 54.4 pCi/g*	
13-6-Sonic	21'-22'	3.95	2.66	2.12	19.61
13-6-Sonic	21'-22'D	2.51	2.35	2.11	18.35
13-6-Sonic	39'-40'	2.35	2.50	1.85	17.79
14-2-Sonic	19'-20'	3.81	2.64	1.64	19.62
14-2-Sonic	29'-31'	2.88	2.33	2.05	19.89
14-4-Sonic	5'-6'	2.39	1.59	1.92	10.89
14-4-Sonic	28'-29'	3.54	1.66	2.25	9.40
14-5-Sonic	12'-13'	2.86	2.46	1.79	20.32
14-5-Sonic	60'-61'	2.15	2.74	1.94	19.26
14-7-Sonic	13'-14'	2.43	1.38	2.18	9.80
14-7-Sonic	39'-40'	3.05	2.31	1.76	17.51
15-2-Sonic	24'-25'	117.46	6.26	1.91	18.56
15-2-Sonic	43'-44'	2.69	2.82	1.54	20.70
16-3-Sonic	6'-7'	3.16	2.98	1.44	19.67
16-3-Sonic	11'-12'	3.14	2.84	2.09	23.22
16-3-Sonic	11'-12'D	3.47	2.52	1.99	22.68
16-6-Sonic	6'-7'	2.90	2.77	2.13	21.65
16-6-Sonic	21'-22'	2.91	2.19	1.28	17.28
1C-6-Sonic	19'-20'	3.00	2.54	2.39	21.23
1C-6-Sonic	24'-25'	52.44	3.94	3.12	15.96
1C-6-Sonic	25'-26'	240.90	7.04	2.21	3.98
1C-6-Sonic	26'-27'	202.83	8.79	2.27	6.00
WL-119-Sonic	1'-2'	0.76	1.96	1.47	9.36
WL-119-Sonic	5'-6'	2.67	2.75	2.15	15.65
WL-119-Sonic	9'-10'	0.95	2.57	1.57	19.55
WL-119-Sonic	9'-10'D	1.10	2.72	1.06	18.66
WL-119-Sonic	20'-21'	0.91	2.18	0.78	16.52
WL-119-Sonic	40'-41'	0.31	1.39	0.43	4.08
WL-119-Sonic	41'-42'	1.20	2.63	1.01	23.61
WL-119-Sonic	51'-52'	1.12	0.92	0.83	16.33
WL-119-Geoprobe	34'-35'	0.69	2.64	1.18	19.74
WL-119B-Geoprobe	38'-39'	1.20	3.01	0.70	25.89
WL-119C-Geoprobe	43'-44'	3.44	2.30	1.01	16.05
WL-119C-Geoprobe	45'-46'	4.67	0.87	0.89	6.59
1C-2RA-Geoprobe	28'-29'	2.73	3.32	1.10	14.63
1C-4R-Geoprobe	46'-47'	4.45	2.39	1.78	6.30
1C-4RB-Geoprobe	46'-47'	2.03	1.86	1.13	6.60
1C-6T1-Geoprobe	22'-23'	0.60	2.29	1.19	13.56
1C-12-Geoprobe	48'-49'	1.74	2.94	1.09	16.14

Table 5: Phase 1C Combined Thorium, Radium and Uranium Results and Potassium-40 Results

Sample Site	Depth Interval (ft)	Combined Thorium (pCi/g)	Combined Radium (pCi/g)	Combined Uranium (pCi/g)	Potassium 40 (pCi/g)
		Unrestricted Use Criteria = 7.9 pCi/g	***Unrestricted Use Criteria = 7.9 pCi/g***	***Unrestricted Use Criteria = 54.4 pCi/g***	
1C-12-Geoprobe	49'-50'	0.60	2.54	1.15	13.35
1C-12B-Geoprobe	53'-54'	0.99	1.14	1.34	12.30
1C-12B-Geoprobe	54'-55'	9.80	2.88	1.17	12.17
1C-12C-Geoprobe	55'-56'	400.95	31.01	3.97	12.43

= Elevated above Unrestricted Use Criteria

Table 6: Phase 1C Soil/Waste Sample Thorium Results

Sample ID	Thorium-230 Result	Thorium-230 CSU	Thorium-230 CV	Thorium-230 MDA	Thorium-230 Qualifier	Thorium-232 Result	Thorium-232 CSU	Thorium-232 CV	Thorium-232 MDA	Thorium-232 Qualifier	Combined Thorium		Combined Thorium relative to 7.9 pCi/g Unrestricted Use Criteria
FEEBRIS01-2.008-009	0.677	0.252	0.022	0.104		0.376	0.172	0.103	0.104		1.054		Less than Criteria
FEEBRIS01-2.018-019	0.619	0.221	0.003	0.079		0.340	0.147	0.072	0.055		0.959		Less than Criteria
FEEBRIS01-2.020-021	0.838	0.273	0.008	0.065		0.570	0.205	0.072	0.081		1.407		Less than Criteria
FEEBRIS01-2.022-023	0.128	0.083	0.003	0.070		0.058	0.057	0.061	0.070	U	0.186	*	Less than Criteria
FEEBRIS01-2.023-024	0.943	0.300	0.008	0.068		0.565	0.207	0.075	0.085		1.508		Less than Criteria
FEEBRIS1-2.023-024GP	1.091	0.287	0.003	0.030		0.536	0.160	0.043	0.041		1.627		Less than Criteria
FEEBRIS01-2.024-025	3.407	0.842	0.014	0.086		1.337	0.379	0.083	0.064		4.744		Less than Criteria
FEEBRIS01-2.028-029	1.384	0.462	0.019	0.118		0.715	0.289	0.146	0.153		2.099		Less than Criteria
FEEBRIS1-2.028-029GP	0.637	0.192	0.006	0.039		0.063	0.046	0.043	0.039	U	0.700	*	Less than Criteria
FEEBRIS01-2.033-034	0.279	0.123	0.002	0.064		0.114	0.073	0.060	0.051	U	0.393	*	Less than Criteria
FEEBRIS01-2.038-039	0.279	0.127	0.007	0.056		0.290	0.127	0.066	0.056		0.570		Less than Criteria
FEEBRIS01-2.038-039D	0.401	0.161	0.015	0.077		0.129	0.083	0.068	0.058	U	0.530	*	Less than Criteria
FEEBRIS01-2.039-040	416.665	123.316	0.046	0.795	QJ	5.227	2.460	0.809	0.715	QJ	421.892		Exceeds Criteria
FEEBRIS01-2.040-041	0.065	0.065	0.016	0.082	U	0.050	0.052	0.071	0.054	U	Non-Detect	*	Non-Detect
FEEBRIS1C-2RA.028-029GP	2.466	0.533	0.003	0.027		0.266	0.089	0.031	0.024		2.732		Less than Criteria
FEEBRIS1C-4R.046-047GP	4.453	1.100	0.009	0.057		0.078	0.059	0.057	0.049	U	4.530	*	Less than Criteria
FEEBRIS1C-4RB.046-047GP	2.035	0.610	0.005	0.057		0.177	0.109	0.072	0.082	U	2.212	*	Less than Criteria
FEEBRISIC-6.019-020	1.294	0.383	0.006	0.062		1.709	0.449	0.081	0.062		3.003		Less than Criteria
FEEBRISIC-6.024-025	51.011	10.819	0.009	0.073		1.431	0.399	0.091	0.086		52.442		Exceeds Criteria
FEEBRISIC-6.025-026	239.818	52.040	0.014	0.088		1.086	0.334	0.088	0.075		240.904		Exceeds Criteria
FEEBRISIC-6.026-027	201.956	39.972	0.005	0.047		0.878	0.250	0.060	0.067		202.833		Exceeds Criteria
FEEBRIS1C-6TI.022-023GP	0.393	0.138	0.003	0.033		0.212	0.092	0.041	0.047		0.605		Less than Criteria
FEEBRIS1C-12.048-049GP	1.738	0.522	0.016	0.080		0.140	0.104	0.116	0.123	U	1.878	*	Less than Criteria
FEEBRIS1C-12.049-050GP	0.427	0.158	0.004	0.040		0.170	0.087	0.052	0.040		0.597		Less than Criteria
FEEBRIS1C-12B.053-054GP	0.658	0.232	0.017	0.076		0.336	0.142	0.064	0.058		0.994		Less than Criteria
FEEBRIS1C-12B.054-055GP	9.411	2.170	0.004	0.038		0.385	0.140	0.049	0.038		9.797		Exceeds Criteria
FEEBRIS1C-12C.055-056GP	398.760	91.988	0.004	0.043		2.193	0.553	0.056	0.043		400.953		Exceeds Criteria
FEEBRIS02-2.005-006	1.243	0.386	0.031	0.118		0.891	0.293	0.093	0.084		2.134		Less than Criteria
FEEBRIS02-2.019-020	0.159	0.085	0.013	0.062		0.130	0.078	0.071	0.075	U	0.289	*	Less than Criteria
FEEBRIS02-2.020-021	0.659	0.223	0.003	0.072		0.464	0.173	0.078	0.079		1.124		Less than Criteria
FEEBRIS02-2.021-022	1.359	0.405	0.011	0.082		1.253	0.365	0.084	0.065		2.613		Less than Criteria
FEEBRIS02-2.022-023	0.692	0.229	0.007	0.057		0.681	0.218	0.065	0.050		1.373		Less than Criteria
FEEBRIS02-2.022-023D	0.567	0.194	0.006	0.054		0.436	0.160	0.059	0.067		1.003		Less than Criteria

Table 6: Phase 1C Soil/Waste Sample Thorium Results

Sample ID	Thorium-230 Result	Thorium-230 CSU	Thorium-230 CV	Thorium-230 MDA	Thorium-230 Qualifier	Thorium-232 Result	Thorium-232 CSU	Thorium-232 CV	Thorium-232 MDA	Thorium-232 Qualifier	Combined Thorium		Combined Thorium relative to 7.9 pCi/g Unrestricted Use Criteria
FEEBRIS02-2.031-032GP	205.533	43.366	0.006	0.040		1.388	0.334	0.044	0.040		206.921		Exceeds Criteria
FEEBRIS02-3.034-035GP	16.786	3.421	0.009	0.040		0.258	0.091	0.038	0.038		17.043		Exceeds Criteria
FEEBRIS02-3.035-036GP	281.615	53.200	0.005	0.028		2.599	0.486	0.027	0.024		284.214		Exceeds Criteria
FEEBRIS05-3.025-026	4.634	1.008	0.008	0.055		0.435	0.154	0.061	0.055		5.069		Less than Criteria
FEEBRIS05-3.025-026D	88.921	18.009	0.003	0.074		0.820	0.248	0.071	0.065		89.741		Exceeds Criteria
FEEBRIS05-3.028-029	25824.840	7537.870	1.448	17.697	QJ	202.819	78.558	15.403	15.533	QJ	26027.659		Exceeds Criteria
FEEBRIS05-3.029-030	443.567	97.723	0.248	1.124	QJ	6.762	2.479	1.508	0.923	QJ	450.329		Exceeds Criteria
FEEBRIS05-3.029-030D	0.935	0.312	0.012	0.084		0.447	0.190	0.084	0.096		1.382		Less than Criteria
FEEBRIS05-3.033-034	1814.709	559.100	0.538	4.539	QJ	14.409	8.158	3.691	3.995	QJ	1829.118		Exceeds Criteria
FEEBRIS08-1.028-029	1.808	0.465	0.018	0.082		0.883	0.259	0.068	0.052		2.691		Less than Criteria
FEEBRIS08-1.040-041	1.568	0.458	0.015	0.091		1.314	0.383	0.090	0.077		2.882		Less than Criteria
FEEBRIS08-1.044-045	77.765	16.934	0.006	0.061		0.482	0.191	0.080	0.061		78.247		Exceeds Criteria
FEEBRIS08-1B.028-029GP	3.423	0.837	0.019	0.068		0.149	0.079	0.052	0.047		3.572		Less than Criteria
FEEBRIS08-1B.028-029GP-D	10.391	2.652	0.013	0.073	Q	0.188	0.106	0.073	0.069		10.578		Exceeds Criteria
FEEBRIS08-1B.029-030GP	0.805	0.245	0.010	0.053		0.129	0.073	0.052	0.047		0.934		Less than Criteria
FEEBRIS 12-5.002-003	1.268	0.353	0.008	0.066		0.941	0.272	0.113	0.065		2.209		Less than Criteria
FEEBRIS 12-5.012-013	1.720	0.494	0.008	0.078		0.874	0.290	0.142	0.068		2.594		Less than Criteria
FEEBRIS 13-3.019-020	3.408	0.852	0.005	0.066		1.203	0.356	0.140	0.075		4.611		Less than Criteria
FEEBRIS 13-3.029-030	0.791	0.257	0.004	0.055		0.805	0.251	0.113	0.079		1.596		Less than Criteria
FEEBRIS13-6.021-022	2.749	0.683	0.022	0.097		1.205	0.340	0.082	0.074		3.954		Less than Criteria
FEEBRIS13-6.021-022D	1.399	0.392	0.003	0.081		1.115	0.316	0.071	0.081		2.514		Less than Criteria
FEEBRIS13-6.039-040	1.377	0.427	0.024	0.114		0.973	0.324	0.135	0.145		2.350		Less than Criteria
FEEBRIS 14-2.019-020	2.763	0.699	0.007	0.070		1.048	0.315	0.135	0.083		3.811		Less than Criteria
FEEBRIS 14-2.029-031	1.519	0.428	0.007	0.069		1.361	0.375	0.125	0.060		2.880		Less than Criteria
FEEBRIS 14-4.005-006	1.293	0.393	0.010	0.082		1.098	0.335	0.147	0.094		2.391		Less than Criteria
FEEBRIS 14-4.028-029	2.083	0.549	0.002	0.087		1.456	0.394	0.125	0.060		3.538		Less than Criteria
FEEBRI14-5.012-013	1.664	0.476	0.012	0.084		1.195	0.357	0.098	0.095		2.859		Less than Criteria
FEEBRI14-5.060-061	1.031	0.324	0.006	0.062		1.120	0.330	0.078	0.088		2.152		Less than Criteria
FEEBRIS 14-7.013-014	1.539	0.493	0.036	0.144		0.889	0.322	0.181	0.111		2.428		Less than Criteria
FEEBRIS 14-7.039-040	1.795	0.541	0.035	0.137		1.256	0.397	0.168	0.098		3.051		Less than Criteria
FEEBRIS 15-2.024-025	115.621	23.751	0.016	0.087		1.840	0.464	0.141	0.101		117.461		Exceeds Criteria
FEEBRIS 15-2.043-044	1.359	0.442	0.016	0.107		1.328	0.417	0.165	0.079		2.687		Less than Criteria
FEEBRIS 16-3.006-007	1.862	0.535	0.023	0.112		1.297	0.389	0.150	0.081		3.159		Less than Criteria

Table 6: Phase 1C Soil/Waste Sample Thorium Results

Sample ID	Thorium-230 Result	Thorium-230 CSU	Thorium-230 CV	Thorium-230 MDA	Thorium-230 Qualifier	Thorium-232 Result	Thorium-232 CSU	Thorium-232 CV	Thorium-232 MDA	Thorium-232 Qualifier	Combined Thorium		Combined Thorium relative to 7.9 pCi/g Unrestricted Use Criteria
FEEBRIS 16-3.011-012	1.766	0.515	0.011	0.090		1.374	0.408	0.151	0.081		3.139		Less than Criteria
FEEBRIS 16-3.011-012D	1.856	0.574	0.028	0.135		1.618	0.496	0.189	0.115		3.473		Less than Criteria
FEEBRIS 16-6.006-007	1.674	0.465	0.005	0.061		1.230	0.352	0.128	0.061		2.904		Less than Criteria
FEEBRIS 16-6.021-022	1.413	0.412	0.002	0.090		1.498	0.409	0.130	0.063		2.910		Less than Criteria
FEEBRICS.021314	1.566	0.476	0.013	0.094		0.893	0.309	0.113	0.113		2.459		Less than Criteria
FEEBRISWL-119.001-002	0.452	0.187	0.008	0.070		0.304	0.145	0.083	0.070		0.756		Less than Criteria
FEEBRISWL119.005-006	1.384	0.383	0.014	0.077		1.285	0.343	0.073	0.062		2.669		Less than Criteria
FEEBRISWL-119.009-010	0.550	0.196	0.007	0.059		0.403	0.156	0.067	0.051		0.953		Less than Criteria
FEEBRISWL-119.009-010D	0.584	0.188	0.005	0.046		0.519	0.168	0.051	0.058		1.104		Less than Criteria
FEEBRISWL-119.020-021	0.488	0.184	0.009	0.066		0.424	0.164	0.074	0.066		0.911		Less than Criteria
FEEBRISWL-119.034-035GP	0.380	0.128	0.011	0.046		0.310	0.107	0.040	0.038		0.690		Less than Criteria
FEEBRISWL-119.040-041	0.309	0.154	0.004	0.093		0.131	0.095	0.089	0.081	U	0.440	*	Less than Criteria
FEEBRISWL-119.041-042	0.635	0.223	0.005	0.055		0.567	0.201	0.072	0.055		1.202		Less than Criteria
FEEBRISWL119.051-052	0.571	0.320	0.072	0.248		0.550	0.299	0.190	0.179		1.121		Less than Criteria
FEEBRISWL-119B.038-039GP	0.649	0.192	0.010	0.048		0.555	0.164	0.046	0.045		1.205		Less than Criteria
FEEBRISWL-119C.043-044GP	3.034	0.678	0.002	0.040		0.404	0.127	0.039	0.035		3.438		Less than Criteria
FEEBRISWL-119C.045-046GP	4.204	1.367	0.015	0.103	Q	0.462	0.230	0.114	0.103		4.666		Less than Criteria

Notes: All units in pCi/g CSU = combined standard uncertainty CV = critical value MDA = method detection activity

* Indicates that result for one of the two isotopes was non-detect

= Elevated above Unrestricted Use Criteria

Q = A reported combined standard uncertainty which exceeds the required method uncertainty for the project.

QJ = A reported combined standard uncertainty which exceeds the required method uncertainty for the project as well as the analyte was analyzed for and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample

U = The analyte was analyzed for and is not present above the level of the associated value. The associated numerical value indicates the approximate concentration necessary to detect the analyte in the sample.

Table 7: Phase 1C Soil/Waste Sample Radium Results

Sample ID	Result	CSU	CV	MDA	Qualifier	Result	CSU	CV	MDA	Qualifier	Combined Radium		Combined Radium relative to 7.9 pCi/g Unrestricted Use Criteria
	Radium-226					Radium-228							
FEEBRIS01-2.008-009	1.381	0.202	0.105	0.221		1.312	0.221	0.240	0.504	J	2.694		Less than Criteria
FEEBRIS01-2.018-019	1.317	0.199	0.092	0.194		1.337	0.248	0.200	0.427		2.654		Less than Criteria
FEEBRIS01-2.020-021	1.224	0.216	0.129	0.269		1.055	0.251	0.235	0.496		2.279		Less than Criteria
FEEBRIS01-2.022-023	0.229	0.335	0.266	0.581	UJ	0.443	0.415	0.395	0.904	UJ	Non-detect	*	Non-detect
FEEBRIS01-2.023-024	1.353	0.316	0.188	0.398		1.206	0.434	0.379	0.808	J	2.559		Less than Criteria
FEEBRIS1-2.023-024GP	1.450	0.257	0.168	0.349		1.274	0.326	0.257	0.548	J	2.724		Less than Criteria
FEEBRIS01-2.024-025	1.364	0.202	0.099	0.206		1.134	0.203	0.161	0.343		2.498		Less than Criteria
FEEBRIS01-2.028-029	0.612	0.162	0.115	0.244		0.355	0.202	0.232	0.499	U	0.967	*	Less than Criteria
FEEBRIS1-2.028-029GP	0.855	0.243	0.156	0.335		0.226	0.288	0.240	0.535	UJ	1.081	*	Less than Criteria
FEEBRIS01-2.033-034	0.617	0.130	0.086	0.182		0.258	0.188	0.156	0.334	U	0.876	*	Less than Criteria
FEEBRIS01-2.038-039	1.019	0.186	0.113	0.237		0.952	0.320	0.467	0.762	J	1.971		Less than Criteria
FEEBRIS01-2.038-039D	1.051	0.253	0.158	0.335		1.198	0.419	0.398	0.843	J	2.249		Less than Criteria
FEEBRIS01-2.039-040	4.983	0.475	0.123	0.254		1.280	0.369	0.347	0.713	J	6.262		Less than Criteria
FEEBRIS01-2.040-041	0.390	0.098	0.076	0.159		0.442	0.169	0.152	0.320		0.832		Less than Criteria
FEEBRIS1C-2RA.028-029GP	2.167	0.344	0.143	0.183		1.157	0.516	0.421	0.902	J	3.325		Less than Criteria
FEEBRIS1C-4R.046-047GP	1.741	0.234	0.096	0.200		0.654	0.187	0.203	0.428		2.394		Less than Criteria
FEEBRIS1C-4RB.046-047GP	1.199	0.187	0.111	0.235		0.658	0.244	0.232	0.494		1.857		Less than Criteria
FEEBRISIC-6.019-020	1.404	0.191	0.111	0.231		1.132	0.226	0.176	0.371		2.535		Less than Criteria
FEEBRISIC-6.024-025	2.655	0.293	0.094	0.195		1.283	0.237	0.229	0.478		3.937		Less than Criteria
FEEBRISIC-6.025-026	7.038	0.939	0.337	0.712	J	0.135	0.626	0.459	1.006	UJ	7.172	*	Less than Criteria
FEEBRISIC-6.026-027	8.787	0.948	0.297	0.625	J	0.431	0.710	0.565	1.204	UJ	9.217	*	Exceeds Criteria
FEEBRIS1C-6TI.022-023GP	1.448	0.203	0.124	0.159		0.843	0.210	0.168	0.357		2.291		Less than Criteria
FEEBRIS1C-12.048-049GP	1.461	0.387	0.286	0.605	J	1.477	0.650	0.605	1.290	J	2.938		Less than Criteria
FEEBRIS1C-12.049-050GP	1.530	0.235	0.110	0.232		1.014	0.329	0.296	0.622	J	2.544		Less than Criteria
FEEBRIS1C-12B.053-054GP	1.137	0.293	0.196	0.410		0.629	0.377	0.324	0.695	UJ	1.767	*	Less than Criteria
FEEBRIS1C-12B.054-055GP	1.859	0.256	0.121	0.255		1.021	0.261	0.199	0.428		2.880		Less than Criteria
FEEBRIS1C-12C.055-056GP	31.006	2.472	0.511	1.035	J	1.248	0.665	0.597	1.229	UJ	32.254	*	Exceeds Criteria
FEEBRIS02-2.005-006	0.993	0.156	0.097	0.203		1.143	0.195	0.102	0.221		2.136		Less than Criteria
FEEBRIS02-2.019-020	0.955	0.196	0.135	0.283		0.839	0.274	0.192	0.414		1.794		Less than Criteria
FEEBRIS02-2.020-021	0.317	0.181	0.167	0.363	U	0.659	0.408	0.364	0.799	UJ	Non-detect	*	Non-detect
FEEBRIS02-2.021-022	1.172	0.215	0.108	0.226		1.444	0.281	0.266	0.556	J	2.616		Less than Criteria
FEEBRIS02-2.022-023	1.310	0.371	0.312	0.648	J	1.543	0.445	0.364	0.784	J	2.852		Less than Criteria
FEEBRIS02-2.022-023D	1.509	0.244	0.121	0.252		1.329	0.266	0.238	0.502	J	2.838		Less than Criteria

Table 7: Phase 1C Soil/Waste Sample Radium Results

Sample ID	Result	CSU	CV	MDA	Qualifier	Result	CSU	CV	MDA	Qualifier	Combined Radium		Combined Radium relative to 7.9 pCi/g Unrestricted Use Criteria
	Radium-226					Radium-228							
FEEBRIS02-2.031-032GP	13.774	1.278	0.250	0.520	J	0.787	0.581	0.465	0.980	UJ	14.561	*	Exceeds Criteria
FEEBRIS02-3.034-035GP	3.226	0.517	0.389	0.189		1.639	0.493	0.978	1.952	J	4.865		Less than Criteria
FEEBRIS02-3.035-036GP	21.078	2.065	0.493	1.018	J	0.453	0.779	0.589	1.253	UJ	21.531	*	Exceeds Criteria
FEEBRIS05-3.025-026	1.277	0.211	0.119	0.249		1.135	0.201	0.224	0.472		2.412		Less than Criteria
FEEBRIS05-3.025-026D	5.319	0.560	0.205	0.425		1.091	0.348	0.293	0.618	J	6.410		Less than Criteria
FEEBRIS05-3.028-029	1487.210	121.469	5.087	10.207	J	19.818	6.410	5.363	10.808	QJ	1507.028		Exceeds Criteria
FEEBRIS05-3.029-030	5.604	0.554	0.121	0.250		1.191	0.282	0.304	0.628	J	6.794		Less than Criteria
FEEBRIS05-3.029-030D	0.441	0.120	0.087	0.184		0.360	0.211	0.208	0.438	U	0.801	*	Less than Criteria
FEEBRIS05-3.033-034	32.620	2.441	0.459	0.927	J	1.961	0.430	0.438	0.896	J	34.581		Exceeds Criteria
FEEBRIS08-1.028-029	1.268	0.206	0.228	0.468		0.877	0.193	0.303	0.637	J	2.145		Less than Criteria
FEEBRIS08-1.040-041	1.488	0.219	0.128	0.201		1.589	0.270	0.209	0.438		3.076		Less than Criteria
FEEBRIS08-1.044-045	1.290	0.283	0.200	0.418		1.426	0.436	0.359	0.763	J	2.716		Less than Criteria
FEEBRIS08-1B.028-029GP	0.956	0.194	0.267	0.552	J	0.481	0.328	0.273	0.589	UJ	1.437	*	Less than Criteria
FEEBRIS08-1B.028-029GP-D	1.731	0.338	0.229	0.482		0.829	0.368	0.383	0.822	J	2.559		Less than Criteria
FEEBRIS08-1B.029-030GP	0.577	0.153	0.064	0.145		0.129	0.199	0.162	0.364	U	0.706	*	Less than Criteria
FEEBRIS 12-5.002-003	1.216	0.164	0.072	0.153		0.875	0.173	0.138	0.294		2.091		Less than Criteria
FEEBRIS 12-5.012-013	1.151	0.191	0.097	0.205		1.104	0.237	0.155	0.336		2.255		Less than Criteria
FEEBRIS 13-3.019-020	1.496	0.235	0.142	0.296		1.395	0.358	0.268	0.563	J	2.891		Less than Criteria
FEEBRIS 13-3.029-030	0.387	0.310	0.240	0.503	UJ	0.727	0.370	0.311	0.676	J	1.114	*	Less than Criteria
FEEBRIS13-6.021-022	1.421	0.222	0.106	0.224		1.241	0.252	0.611	0.784	J	2.662		Less than Criteria
FEEBRIS13-6.021-022D	1.257	0.193	0.105	0.218		1.098	0.207	0.140	0.297		2.355		Less than Criteria
FEEBRIS13-6.039-040	1.159	0.180	0.100	0.210		1.339	0.240	0.151	0.324		2.498		Less than Criteria
FEEBRI14-5.012-013	1.244	0.225	0.142	0.295		1.217	0.276	0.228	0.483		2.461		Less than Criteria
FEEBRI14-5.060-061	1.309	0.294	0.241	0.502	J	1.434	0.455	0.340	0.728	J	2.743		Less than Criteria
FEEBRIS 14-2.019-020	1.312	0.184	0.094	0.196		1.329	0.215	0.190	0.398		2.641		Less than Criteria
FEEBRIS 14-2.029-031	1.192	0.189	0.113	0.235		1.143	0.209	0.144	0.309		2.335		Less than Criteria
FEEBRIS 14-4.005-006	0.902	0.141	0.084	0.175		0.685	0.128	0.211	0.438		1.587		Less than Criteria
FEEBRIS 14-4.028-029	0.822	0.197	0.138	0.292		0.837	0.241	0.234	0.506	J	1.659		Less than Criteria
FEEBRIS 14-7.013-014	0.897	0.152	0.190	0.390		0.483	0.158	0.150	0.322		1.380		Less than Criteria
FEEBRIS 14-7.039-040	1.319	0.233	0.161	0.331		0.993	0.296	0.294	0.612	J	2.312		Less than Criteria
FEEBRIS 15-2.024-025	4.776	0.505	0.149	0.309		1.480	0.292	0.288	0.602	J	6.256		Less than Criteria
FEEBRIS 15-2.043-044	1.400	0.204	0.118	0.244		1.419	0.250	0.164	0.350		2.819		Less than Criteria
FEEBRIS 16-3.006-007	1.363	0.238	0.136	0.283		1.614	0.319	0.216	0.458		2.977		Less than Criteria

Table 7: Phase 1C Soil/Waste Sample Radium Results

Sample ID	Result	CSU	CV	MDA	Qualifier	Result	CSU	CV	MDA	Qualifier	Combined Radium		Combined Radium relative to 7.9 pCi/g Unrestricted Use Criteria
	Radium-226					Radium-228							
FEEBRIS 16-3.011-012	1.174	0.188	0.103	0.214		1.667	0.234	0.162	0.342		2.841		Less than Criteria
FEEBRIS 16-3.011-012D	1.272	0.194	0.098	0.205		1.245	0.258	0.202	0.426		2.517		Less than Criteria
FEEBRIS 16-6.006-007	1.357	0.207	0.114	0.239		1.409	0.261	0.173	0.371		2.767		Less than Criteria
FEEBRIS 16-6.021-022	0.933	0.151	0.092	0.049		1.258	0.210	0.176	0.370		2.191		Less than Criteria
FEEBRICS.021314	1.134	0.194	0.091	0.192		0.720	0.181	0.201	0.425		1.854		Less than Criteria
FEEBRISWL-119.001-002	1.195	0.182	0.089	0.186		0.770	0.153	0.148	0.314		1.964		Less than Criteria
FEEBRISWL119.005-006	1.355	0.188	0.092	0.194		1.391	0.229	0.174	0.368		2.746		Less than Criteria
FEEBRISWL-119.009-010	1.311	0.208	0.102	0.213		1.258	0.276	0.254	0.528	J	2.569		Less than Criteria
FEEBRISWL-119.009-010D	1.409	0.213	0.117	0.244		1.316	0.239	0.196	0.415		2.724		Less than Criteria
FEEBRISWL-119.020-021	1.076	0.190	0.135	0.282		1.105	0.237	0.234	0.494		2.181		Less than Criteria
FEEBRISWL-119.034-035GP	1.285	0.317	0.243	0.508	J	1.357	0.432	0.429	0.911	J	2.641		Less than Criteria
FEEBRISWL-119.040-041	0.509	0.167	0.146	0.309		0.878	0.224	0.189	0.414		1.386		Less than Criteria
FEEBRISWL-119.041-042	1.388	0.227	0.132	0.276		1.243	0.263	0.363	0.755	J	2.631		Less than Criteria
FEEBRISWL119.051-052	0.403	0.087	0.065	0.040		0.515	0.115	0.102	0.217		0.918		Less than Criteria
FEEBRISWL-119B.038-039GP	1.567	0.335	0.229	0.480		1.441	0.372	0.378	0.811	J	3.008		Less than Criteria
FEEBRISWL-119C.043-044GP	1.313	0.204	0.131	0.272		0.983	0.207	0.163	0.349		2.296		Less than Criteria
FEEBRISWL-119C.045-046GP	0.866	0.183	0.163	0.340		0.325	0.252	0.215	0.463	U	1.191	*	Less than Criteria

Notes: All units in pCi/g CSU = combined standard uncertainty CV = critical value MDA = method detection activity

* Indicates that result for one of the two isotopes was non-detect

= Elevated above Unrestricted Use Criteria

J = The analyte was analyzed for, and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample.

QJ = A reported combined standard uncertainty which exceeds the required method uncertainty for the project as well as the analyte was analyzed for and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample

U = The analyte was analyzed for and is not present above the level of the associated value. The associated numerical value indicates the approximate concentration necessary to detect the analyte in the sample.

UJ = The analyte analyzed for was not present above the level of the associated value. The associated numerical value may not accurately represent the concentration necessary to detect the analyte in the sample.

Table 8: Phase 1C Soil/Waste Sample Uranium Results

Sample ID	U-234 Result	U-234 CSU	U-234 CV	U-234 MDA	U-234 Qualifier	U-235 Result	U-235 CSU	U-235 CV	U-235 MDA	U-235 Qualifier	U-238 Result	U-238 CSU	U-238 CV	U-238 MDA	U-238 Qualifier	Combined Uranium		Combined Uranium relative to 54.4 pCi/g Unrestricted Use Criteria
FEEBRIS01-2.008-009	0.469	0.157	0.013	0.055		0.043	0.056	0.001	0.085	U	0.435	0.149	0.003	0.048		0.946	*	Less than Criteria
FEEBRIS01-2.018-019	0.400	0.138	0.016	0.059		0.053	0.058	0.010	0.077	U	0.412	0.139	0.005	0.050		0.866	*	Less than Criteria
FEEBRIS01-2.020-021	0.458	0.158	0.012	0.051		0.007	0.031	0.007	0.078	U	0.396	0.145	0.003	0.050		0.862	*	Less than Criteria
FEEBRIS01-2.022-023	0.149	0.080	0.016	0.059		0.004	0.025	0.008	0.068	U	0.062	0.056	0.018	0.072	U	0.215	*	Less than Criteria
FEEBRIS01-2.023-024	0.441	0.174	0.018	0.074		0.095	0.092	0.001	0.114		0.355	0.156	0.015	0.092		0.891		Less than Criteria
FEEBRIS1-2.023-024GP	0.527	0.125	0.013	0.038		0.043	0.035	0.003	0.035		0.373	0.100	0.004	0.030		0.943		Less than Criteria
FEEBRIS01-2.024-025	0.756	0.226	0.014	0.059		0.136	0.098	0.004	0.072		1.195	0.300	0.009	0.073		2.087		Less than Criteria
FEEBRIS01-2.028-029	0.726	0.222	0.014	0.060		0.088	0.085	0.001	0.106		0.571	0.194	0.014	0.085		1.385		Less than Criteria
FEEBRIS1-2.028-029GP	0.224	0.077	0.009	0.033		0.013	0.020	0.002	0.030	U	0.162	0.064	0.002	0.024		0.399	*	Less than Criteria
FEEBRIS01-2.033-034	0.499	0.151	0.013	0.051		0.022	0.034	0.003	0.050	U	0.298	0.112	0.003	0.040		0.819	*	Less than Criteria
FEEBRIS01-2.038-039	0.314	0.126	0.012	0.049		0.070	0.064	0.003	0.060		0.264	0.115	0.005	0.056		0.648		Less than Criteria
FEEBRIS01-2.038-039D	0.303	0.122	0.011	0.047		0.163	0.097	0.005	0.067		0.321	0.126	0.007	0.059		0.786		Less than Criteria
FEEBRIS01-2.039-040	3.555	0.668	0.015	0.064		0.337	0.164	0.004	0.079		3.843	0.708	0.007	0.073		7.736		Less than Criteria
FEEBRIS01-2.040-041	0.173	0.091	0.011	0.049		0.067	0.064	0.005	0.069	U	0.205	0.100	0.005	0.055		0.444	*	Less than Criteria
FEEBRIS1C-2RA.028-029GP	0.467	0.125	0.014	0.045		0.047	0.039	0.002	0.034		0.589	0.145	0.010	0.045		1.103		Less than Criteria
FEEBRIS1C-4R.046-047GP	0.880	0.256	0.019	0.074		0.032	0.055	0.001	0.097	U	0.905	0.260	0.008	0.068		1.817	*	Less than Criteria
FEEBRIS1C-4RB.046-047GP	0.547	0.196	0.016	0.068		0.035	0.060	0.001	0.105	U	0.584	0.205	0.009	0.074		1.166	*	Less than Criteria
FEEBRISIC-6.019-020	1.263	0.297	0.019	0.071		0.101	0.082	0.008	0.082		1.030	0.260	0.012	0.075		2.394		Less than Criteria
FEEBRISIC-6.024-025	1.462	0.356	0.018	0.073		0.170	0.119	0.001	0.113		1.489	0.359	0.004	0.064		3.120		Less than Criteria
FEEBRISIC-6.025-026	1.078	0.266	0.020	0.072		0.099	0.079	0.005	0.071		1.037	0.262	0.049	0.117		2.214		Less than Criteria
FEEBRISIC-6.026-027	1.150	0.272	0.013	0.056		0.041	0.049	0.003	0.060	U	1.120	0.267	0.007	0.061		2.310	*	Less than Criteria
FEEBRIS1C-6TI.022-023GP	0.603	0.130	0.008	0.029		0.052	0.036	0.002	0.029		0.535	0.120	0.002	0.023		1.190		Less than Criteria
FEEBRIS1C-12.048-049GP	0.535	0.137	0.010	0.038		0.012	0.023	0.004	0.043	U	0.555	0.140	0.003	0.032		1.102	*	Less than Criteria
FEEBRIS1C-12.049-050GP	0.612	0.132	0.006	0.024		0.061	0.040	0.001	0.026		0.479	0.113	0.001	0.021		1.152		Less than Criteria
FEEBRIS1C-12B.053-054GP	0.621	0.152	0.018	0.051		0.033	0.037	0.007	0.052	U	0.723	0.167	0.009	0.044		1.377	*	Less than Criteria
FEEBRIS1C-12B.054-055GP	0.523	0.125	0.015	0.042		0.043	0.036	0.004	0.038		0.608	0.137	0.005	0.033		1.174		Less than Criteria
FEEBRIS1C-12C.055-056GP	1.826	0.340	0.018	0.054		0.223	0.096	0.001	0.056		1.924	0.354	0.026	0.069		3.972		Less than Criteria
FEEBRIS02-2.005-006	0.985	0.245	0.012	0.049		0.101	0.081	0.001	0.087		0.865	0.227	0.001	0.070		1.952		Less than Criteria
FEEBRIS02-2.019-020	0.360	0.121	0.009	0.038		0.009	0.022	0.002	0.047	U	0.306	0.111	0.001	0.054		0.676	*	Less than Criteria
FEEBRIS02-2.020-021	0.325	0.126	0.015	0.058		0.068	0.066	0.001	0.081		0.338	0.128	0.003	0.046		0.731		Less than Criteria
FEEBRIS02-2.021-022	0.911	0.237	0.018	0.068		0.070	0.066	0.005	0.071	U	0.766	0.213	0.006	0.058		1.747	*	Less than Criteria
FEEBRIS02-2.022-023	0.386	0.125	0.013	0.050		0.058	0.054	0.007	0.062	U	0.414	0.130	0.004	0.042		0.859	*	Less than Criteria
FEEBRIS02-2.022-023D	0.458	0.156	0.026	0.081		0.053	0.063	0.014	0.092	U	0.434	0.149	0.007	0.059		0.946	*	Less than Criteria
FEEBRIS02-2.031-032GP	0.818	0.170	0.008	0.030		0.034	0.031	0.002	0.030		0.706	0.154	0.004	0.030		1.558		Less than Criteria
FEEBRIS02-3.034-035GP	0.494	0.117	0.009	0.031		0.043	0.034	0.002	0.031		0.445	0.111	0.021	0.050		0.982		Less than Criteria
FEEBRIS02-3.035-036GP	1.597	0.263	0.005	0.020		0.166	0.066	0.003	0.032		1.627	0.266	0.003	0.026		3.390		Less than Criteria
FEEBRIS05-3.025-026	0.457	0.145	0.020	0.064		0.096	0.073	0.011	0.076		0.402	0.133	0.008	0.055		0.955		Less than Criteria
FEEBRIS05-3.025-026D	0.649	0.173	0.013	0.050		0.060	0.057	0.009	0.070	U	0.707	0.183	0.011	0.059		1.416	*	Less than Criteria
FEEBRIS05-3.028-029	428.669	73.202	1.299	5.593	J	22.867	12.502	0.355	6.900	QJ	431.061	73.499	0.154	8.002	J	882.597		Exceeds Criteria
FEEBRIS05-3.029-030	2.863	0.501	0.017	0.063		0.187	0.104	0.007	0.073		2.510	0.456	0.038	0.102		5.560		Less than Criteria

Table 8: Phase 1C Soil/Waste Sample Uranium Results

Sample ID	U-234 Result	U-234 CSU	U-234 CV	U-234 MDA	U-234 Qualifier	U-235 Result	U-235 CSU	U-235 CV	U-235 MDA	U-235 Qualifier	U-238 Result	U-238 CSU	U-238 CV	U-238 MDA	U-238 Qualifier	Combined Uranium		Combined Uranium relative to 54.4 pCi/g Unrestricted Use Criteria
FEEBRIS05-3.029-030D	0.623	0.200	0.018	0.072		0.068	0.075	0.001	0.101	U	0.557	0.189	0.018	0.090		1.248	*	Less than Criteria
FEEBRIS05-3.033-034	12.391	1.902	0.015	0.065		0.704	0.247	0.004	0.080	Q	11.949	1.841	0.007	0.074		25.044		Less than Criteria
FEEBRIS08-1.028-029	0.861	0.236	0.015	0.062		0.109	0.084	0.003	0.067		0.911	0.243	0.004	0.054		1.882		Less than Criteria
FEEBRIS08-1.040-041	0.839	0.234	0.019	0.074		0.078	0.071	0.003	0.067		0.998	0.259	0.004	0.054		1.915		Less than Criteria
FEEBRIS08-1.044-045	0.568	0.170	0.012	0.052		0.089	0.070	0.005	0.064		0.469	0.152	0.005	0.051		1.126		Less than Criteria
FEEBRIS08-1B.028-029GP	0.352	0.108	0.010	0.039		0.055	0.045	0.004	0.044		0.370	0.111	0.007	0.041		0.776		Less than Criteria
FEEBRIS08-1B.028-029GP-D	0.415	0.105	0.006	0.025		0.046	0.036	0.001	0.039		0.430	0.107	0.002	0.022		0.890		Less than Criteria
FEEBRIS08-1B.029-030GP	0.744	0.169	0.007	0.028		0.056	0.043	0.002	0.034		0.501	0.131	0.003	0.032		1.301		Less than Criteria
FEEBRI14-5.012-013	0.805	0.227	0.013	0.054		0.123	0.091	0.006	0.077		0.866	0.237	0.004	0.054		1.793		Less than Criteria
FEEBRI14-5.060-061	0.981	0.253	0.010	0.075		0.093	0.081	0.001	0.093		0.864	0.234	0.001	0.075		1.938		Less than Criteria
FEEBRIS 12-5.002-003	0.535	0.183	0.013	0.057		0.051	0.067	0.001	0.102	U	0.604	0.197	0.002	0.082		1.189	*	Less than Criteria
FEEBRIS 12-5.012-013	0.670	0.207	0.015	0.064		0.100	0.087	0.001	0.100		0.763	0.223	0.004	0.056		1.532		Less than Criteria
FEEBRIS 13-3.019-020	0.951	0.259	0.036	0.103		0.178	0.112	0.006	0.080		0.916	0.251	0.018	0.089		2.045		Less than Criteria
FEEBRIS 13-3.029-030	0.717	0.214	0.013	0.056		0.044	0.057	0.006	0.079	U	0.885	0.243	0.006	0.063		1.646	*	Less than Criteria
FEEBRIS13-6.021-022	0.913	0.240	0.012	0.052		0.108	0.087	0.001	0.093		1.096	0.269	0.004	0.052		2.116		Less than Criteria
FEEBRIS13-6.021-022D	0.996	0.271	0.012	0.085		0.102	0.086	0.004	0.073		1.006	0.272	0.002	0.085		2.105		Less than Criteria
FEEBRIS13-6.039-040	0.808	0.316	0.026	0.109		0.086	0.112	0.011	0.155	U	1.044	0.370	0.003	0.157		1.939	*	Less than Criteria
FEEBRIS 14-2.019-020	0.748	0.204	0.017	0.064		0.095	0.073	0.003	0.058		0.796	0.211	0.003	0.047		1.639		Less than Criteria
FEEBRIS 14-2.029-031	1.032	0.276	0.039	0.109		0.034	0.060	0.015	0.108	U	1.019	0.271	0.011	0.078		2.085	*	Less than Criteria
FEEBRIS 14-4.005-006	1.077	0.250	0.030	0.082		0.117	0.083	0.012	0.082		0.729	0.195	0.008	0.059		1.923		Less than Criteria
FEEBRIS 14-4.028-029	0.945	0.234	0.029	0.083		0.077	0.066	0.005	0.065		1.232	0.275	0.014	0.072		2.254		Less than Criteria
FEEBRIS 14-7.013-014	1.068	0.265	0.012	0.052		0.102	0.081	0.005	0.073		1.012	0.256	0.006	0.059		2.183		Less than Criteria
FEEBRIS 14-7.039-040	0.864	0.224	0.011	0.048		0.071	0.069	0.001	0.085		0.828	0.219	0.001	0.069		1.763		Less than Criteria
FEEBRIS 15-2.024-025	0.980	0.260	0.035	0.100		0.059	0.073	0.019	0.112	U	0.930	0.249	0.006	0.063		1.969	*	Less than Criteria
FEEBRIS 15-2.043-044	0.727	0.195	0.024	0.074		0.017	0.037	0.008	0.073	U	0.817	0.208	0.008	0.059		1.561	*	Less than Criteria
FEEBRIS 16-3.006-007	0.692	0.218	0.021	0.081		0.053	0.070	0.001	0.106	U	0.751	0.227	0.006	0.068		1.497	*	Less than Criteria
FEEBRIS 16-3.011-012	0.900	0.235	0.026	0.082		0.139	0.093	0.007	0.077		1.054	0.258	0.013	0.075		2.093		Less than Criteria
FEEBRIS 16-3.011-012D	0.851	0.229	0.022	0.077		0.160	0.100	0.005	0.072		0.979	0.248	0.003	0.051		1.991		Less than Criteria
FEEBRIS 16-6.006-007	1.110	0.260	0.011	0.046		0.046	0.055	0.009	0.077	U	1.022	0.247	0.009	0.062		2.178	*	Less than Criteria
FEEBRIS 16-6.021-022	0.584	0.206	0.038	0.112		0.106	0.092	0.007	0.090		0.591	0.210	0.048	0.136		1.281		Less than Criteria
FEEBRICS.021314	0.821	0.251	0.016	0.066		0.016	0.039	0.004	0.082	U	0.815	0.250	0.007	0.075		1.652	*	Less than Criteria
FEEBRISWL-119.001-002	0.608	0.203	0.024	0.086		0.015	0.035	0.004	0.074	U	0.864	0.250	0.014	0.086		1.486	*	Less than Criteria
FEEBRISWL119.005-006	1.019	0.270	0.028	0.091		0.179	0.114	0.008	0.089		0.957	0.258	0.006	0.066		2.155		Less than Criteria
FEEBRISWL-119.009-010	0.762	0.209	0.013	0.055		0.029	0.049	0.001	0.086	U	0.806	0.216	0.003	0.048		1.597	*	Less than Criteria
FEEBRISWL-119.009-010D	0.578	0.172	0.012	0.051		0.011	0.026	0.003	0.054	U	0.485	0.155	0.001	0.063		1.074	*	Less than Criteria
FEEBRISWL-119.020-021	0.306	0.121	0.009	0.065		0.027	0.046	0.001	0.081	U	0.474	0.153	0.005	0.052		0.807	*	Less than Criteria
FEEBRISWL-119.034-035GP	0.600	0.164	0.011	0.043		0.025	0.035	0.005	0.054	U	0.577	0.160	0.001	0.049		1.203	*	Less than Criteria
FEEBRISWL-119.040-041	0.218	0.107	0.014	0.059		0.091	0.080	0.001	0.091		0.121	0.078	0.004	0.051		0.430		Less than Criteria
FEEBRISWL-119.041-042	0.421	0.145	0.016	0.062		0.110	0.082	0.010	0.081		0.477	0.155	0.005	0.052		1.009		Less than Criteria
FEEBRISWL119.051-052	0.408	0.140	0.013	0.052		0.062	0.059	0.005	0.064	U	0.419	0.142	0.003	0.045		0.890	*	Less than Criteria

Table 8: Phase 1C Soil/Waste Sample Uranium Results

Sample ID	U-234 Result	U-234 CSU	U-234 CV	U-234 MDA	U-234 Qualifier	U-235 Result	U-235 CSU	U-235 CV	U-235 MDA	U-235 Qualifier	U-238 Result	U-238 CSU	U-238 CV	U-238 MDA	U-238 Qualifier	Combined Uranium		Combined Uranium relative to 54.4 pCi/g Unrestricted Use Criteria
FEEBRISWL-119B.038-039GP	0.356	0.099	0.006	0.024		0.027	0.028	0.001	0.029	U	0.349	0.098	0.001	0.034		0.732	*	Less than Criteria
FEEBRISWL-119C.043-044GP	0.480	0.118	0.005	0.023		0.020	0.024	0.001	0.029	U	0.527	0.125	0.003	0.029		1.026	*	Less than Criteria
FEEBRISWL-119C.045-046GP	0.477	0.114	0.009	0.032		0.038	0.033	0.000	0.038		0.377	0.098	0.001	0.021		0.892		Less than Criteria

Notes: All units in pCi/g CSU = combined standard uncertainty CV = critical value MDA = method detection activity

* Indicates that result for one of the two isotopes was non-detect

= Elevated above Unrestricted Use Criteria

J = The analyte was analyzed for, and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample.

Q = A reported combined standard uncertainty which exceeds the required method uncertainty for the project.

QJ = A reported combined standard uncertainty which exceeds the required method uncertainty for the project as well as the analyte was analyzed for and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample.

U = The analyte was analyzed for and is not present above the level of the associated value. The associated numerical value indicates the approximate concentration necessary to detect the analyte in the sample.

Table 9: Summary of Phase 1D GCPT Results

Hole Number	Northing	Easting	Ground Elevation (ft amsl)	Date	Total Depth (feet)	Maximum Gamma Value (cps)	Depth of Maximum Gamma Value (ft bgs)
1D-1	1069085.157	515745.035	462.487	5/15/2015	35.1	104.8	8.9
1D-2	1068999.089	515778.193	468.382	5/15/2015	23.3	85.7	5.9
1D-3	1068972.272	515874.232	472.064	5/15/2015	46.1	6,512	27.4
1D-4	1068794.546	516092.056	496.41	5/16/2015	64.5	235.9	55.8
1D-5	1068649.773	516043.497	487.632	5/15/2015	70.0	2,395.4	55.1
1D-6	1068727.516	516153.004	512.509	5/17/2015	82.8	113.9	3.9
1D-7	1068647.213	516155.853	512.79	5/14/2015	87.8	12,926	82.8
1D-8	1068818.18	516243.565	517.157	5/17/2015	78.1	733.8	75.3
1D-8A	1068820.74	516250.571	517.322	5/18/2015	79.7	105.3	2.6
1D-9	1068667.863	516221.69	518.577	5/14/2015	70.7	220.6	58.6
1D-9A	1068662.945	516220.86	518.595	5/14/2015	78.2	241.8	56.8
1D-10	1068897.481	516306.812	503.702	5/16/2015	77.8	125.9	38.9
1D-11	1068732.965	516319.191	522.966	5/18/2015	83.3	99.5	1.8
1D-11A	1068728.093	516324.559	522.829	5/18/2015	72.5	110.8	1.6
1D-12	1068878.274	516446.247	505.566	5/16/2015	85.1	100.9	29.4
1D-13	1068807.791	516405.192	520.176	5/15/2015	79.9	133	36.4
1D-13A	1068807.91	516397.463	520.165	5/15/2015	15.4	98.9	2.1
1D-13B	1068807.56	516392.053	520.392	5/15/2015	35.6	99.4	7.1
1D-13C	1068808.169	516414.237	519.931	5/15/2015	75.3	107.2	2.5
1D-14	1068737.296	516389.489	522.027	5/13/2015	97.0	99.2	2.5
1D-15	1068600.173	516194.976	516.672	5/19/2015	93.8	269.9	89.6
1D-16	1068604.58	516049.511	484.823	5/19/2015	51.2	1,145	46.9
1D-16A	1068611.344	516048.677	485.168	5/19/2015	52.5	295.2	49.9
1D-17	1068872.427	515830.991	472.494	5/17/2015	26.2	82.3	4.1
1D-17A	1068870.009	515836.352	472.546	5/17/2015	40.2	91.6	17.7
1D-18	1068551.103	516059.874	480.99	5/20/2015	14.6	120.4	10.2
1D-18A	1068545.369	516060.39	480.524	5/20/2015	57.1	116.4	41.3
GCPT15_PVC-25	1069345.436	516405.36	465.274	5/12/2015	18.54	1150	9.68

Table 10: Summary of Phase 1D Sonic Drilling and Logging Results

Sonic Boring No.	Northing	Easting	Ground Elevation (ft AMSL)	Date	Total Depth (ft)	Depth to Bottom of Waste (ft)	Down Hole Maximum Gamma (CPM)	Depth Interval Maximum Down Hole Gamma Scan (feet)	Soil Core Maximum Gamma (CPM)	Depth Interval Maximum Soil Core Gamma Scan (feet)
1D-1S	1069074.23	515747.359	462.568	06/10/15	39	31	3,382	6.5	13,570	8-9
1D-2S	1068990.154	515784.257	468.561	6/11/15	39	31	4,001	19.5	13,261	36-37
1D-3S	1068968.601	515882.929	472.25	07/01/15	49	41.5	204,471	27	67,177	28-29
1D-4S	1068804.861	516101.296	496.422	07/09/15	69	64.5	4,349	12.5	15,010	11-12
1D-5S	1068657.73	516040.319	487.751	07/14/15	69	62.5	12,059	53	20,707	51-52
1D-6S	1068732.994	516160.954	512.707	07/11/15	89	84	3,749	11	12,818	85-86
1D-7S	1068653.591	516157.91	513.346	07/07/15	94	89	1,503,082	82.5	1,995,300	83-84
1D-8S	1068810.599	516238.029	516.742	07/10/15	99	90	6,869	73	19,108	75-76
1D-9S	1068678.246	516223.76	518.893	06/08/15	104	99.5	1,174,844	87.5	18,794	87-88
1D-10S	1068898.786	516318.538	503.074	06/29/15	84	76	3,942	37.5	12,827	6-7
1D-11S	1068739.042	516311.22	522.303	06/23/15	106	99	16,554	84	24,281	85-86
1D-12S	1068880.804	516434.947	505.89	06/26/15	89	71.5	4,173	29.5	13,843	61-62
1D-13S	1068786.08	516399.333	520.512	06/03/15	99	80	4,304	42	13,515	93-94
1D-14S	1068730.267	516381.884	522.532	06/06/15	89	79	4,010	43.5	14,725	54-55
1D-15S	1068611.681	516196.257	516.098	6/24-25/15	99	89.5	20,523	85	13,352	85-86
1D-16S	1068620.165	516047.598	485.581	07/13/15	64	59	11,886	50	24,411	50-51
1D-17S	1068865.421	515846.051	472.92	6/10/2015	49	33.5	3,650	16	13,040	18-19
1D-18S	1068573.847	516056.126	482.022	6/11-12/15	59	44	4,480	48.5	13,803	12-13
1D-19S	1068620.714	516259.114	521.112	6/30/2015	94	85	3,437	44	14,014	61-62
1D-20S	1068540.263	516226.617	517.696	7/15/2015	90	79	1,576	2.5	16,832	1-2

Table 11: Phase 1D Soil/Waste Sample Radionuclide Analytical Results

Client ID	Sample Date	Actinium-227				Actinium-228				Bismuth-214				Lead-210			
		Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV
FEEBRIS1D-01.007-009	6/22/15 10:07	0.078089	J	0.070658	0.00834	0.952733		0.227879	0.274459	1.08279		0.201293	0.135818	1.769993	J	1.503662	1.210543
FEEBRIS1D-01.024-027	6/22/15 10:15	0.016763	J	0.036358	0.009559	0.469978	J	0.321571	0.281394	1.114593		0.275016	0.207799	1.299531	J	0.993541	0.799904
FEEBRIS1D-02.020-023	6/22/15 11:20	-0.00773	UJ	0.023586	0.008523	1.115629		0.295294	0.256169	1.264104		0.178576	0.178783	2.767325	J	1.619934	1.101471
FEEBRIS1D-02.027-030	6/22/15 11:04	0.012184	J	0.029288	0.003729	1.049154		0.345117	0.272855	1.137891		0.228542	0.159249	4.092276	J	2.598025	2.002016
FEEBRIS1D-02.036-037	6/22/15 11:30	0.074762	J	0.080451	0.02271	0.851663	J	0.454303	0.403455	1.009237		0.298135	0.2171	0.052063	U	0.905454	0.675365
FEEBRIS1D-03.028-029	7/6/15 11:26	4.149892		0.992405	0.019481	2.142299	U	3.04715	2.332007	188.1166	J+	14.14006	1.762471	137.4569		17.01902	10.07731
FEEBRIS1D-03.041-043	7/6/15 13:09	0.021189	J	0.036152	0.005354	0.743491		0.246284	0.203421	1.223922	J+	0.230361	0.151099	2.707557	J	1.859041	1.440645
FEEBRIS1D-03.041-043 FD	7/6/15 13:09	-0.00856	UJ	0.026114	0.009424	0.288492	J	0.323576	0.26467	0.414958	J+	0.215018	0.272613	4.303785	J	2.914694	2.263253
FEEBRIS1D-4.061-062	7/30/15 7:35	0.181052	J	0.164085	0.019384	1.148865		0.26941	0.23465	1.24697		0.197993	0.096982	3.264684		2.131114	1.706978
FEEBRIS1D-4.064-065	7/30/15 7:40	0.060391	J	0.068019	0.018328	0.69926		0.175233	0.152649	0.858818		0.154785	0.102644	1.371847	J	1.49541	1.21254
FEEBRIS1D-5.051-052	7/20/15 14:04	1.931494	J	0.479371	0.004987	1.346613		0.649821	0.704532	53.90697		4.268153	0.364291	93.66594		16.70939	9.98741
FEEBRIS1D-5.063-064	7/20/15 14:28	0.096708	J	0.077821	0.017904	0.838816		0.21511	0.223597	1.064006		0.180749	0.125926	1.882122	J	1.692814	1.377925
FEEBRIS1D-6.080-081	7/21/15 9:53	0.029852	J	0.053024	0.016322	1.107397		0.254834	0.228571	0.59044		0.224266	0.170275	3.637718		1.960321	1.56199
FEEBRIS1D-6.085-086	7/21/15 9:58	0.082206	J	0.069948	0.003638	0.472564		0.217108	0.230391	0.495135		0.132622	0.092788	2.26847		1.602757	1.110663
FEEBRIS1D-7.084-085	7/24/15 8:07	103.3131		38.0858	2.651775	31.84647		9.445533	8.287227	3630.347		242.455	5.851224	557.6265		107.489	71.00257
FEEBRIS1D-7.093-094	7/24/15 14:50	0.183484		0.123268	0.004817	0.608425		0.306662	0.233599	1.504794		0.276089	0.181484	1.076288		0.713398	0.570459
FEEBRIS1D-8.075-076	7/29/15 9:06	0.188272	J	0.148692	0.019353	0.94278		0.268093	0.241515	4.535184		0.472656	0.195491	3.444363		2.659604	2.136605
FEEBRIS1D-8.090-091	7/29/15 9:41	0.073557	J	0.085219	0.012444	0.685142		0.183834	0.170569	0.506918		0.099459	0.062943	2.93914		1.574357	1.211056
FEEBRIS1D-09.078-079	6/17/15 13:00	0.011562	UJ	0.041589	0.017766	0.16456	U	0.43581	0.334638	0.206324	J	0.252734	0.19825	9.014162	J	7.398318	5.954531
FEEBRIS1D-09.088-089	6/11/15 8:55	7.244714	J	1.862678	0.037127	1.099268	J	0.498953	0.493242	18.41189		1.461637	0.342244	30.16598		7.255057	5.079879
FEEBRIS1D-09.099-100	6/17/15 13:14	0.038065	UJ	0.04652	0.012882	0.476397		0.133714	0.205657	0.663309	J	0.099329	0.080085	1.289035	J	1.360269	1.11297
FEEBRIS1D-10.046-049	7/9/15 12:10	0.062781	J	0.056705	0.006725	1.57974		0.287169	0.252672	1.335461	J+	0.235258	0.163072	1.982455	J	2.329641	1.744627
FEEBRIS1D-10.074-076	7/12/15 10:41	0.062895	J	0.058691	0.008914	0.660725		0.230584	0.194345	0.811126	J+	0.196436	0.120956	3.289219	J	1.778061	1.250952
FEEBRIS1D-11.085-086	7/2/15 10:26	0.950189		0.280356	0.008552	1.095115		0.442328	0.390667	24.4009	J+	1.855872	0.269652	28.99803		4.967961	2.849006
FEEBRIS1D-11.087-088	7/2/15 10:40	0.030111	J	0.036773	0.002699	0.682462		0.177518	0.136565	0.7326	J+	0.126314	0.0816	1.957825	J	1.314374	1.010657
FEEBRIS1D-12.061-062	7/6/15 10:07	0.076052	J	0.068751	0.008126	-0.37368	U	0.670432	0.357648	0.575906	J+	0.466925	0.339612	4.96418	J	3.876187	2.800225
FEEBRIS1D-12.074-075	7/6/15 10:30	-0.00021	UJ	0.02222	0.011296	1.092377		0.231286	0.189989	1.018285	J+	0.176996	0.12384	1.580492	J	1.3968	1.11879
FEEBRIS1D-13.085-086	6/12/15 14:32	0.034889	J	0.044772	0.01013	1.109875		0.249565	0.249096	1.168203		0.191206	0.136227	0.767729	U	1.539811	0.98729
FEEBRIS1D-13.093-094	6/12/15 14:15	0.170357	J	0.128935	0.019082	0.462627	J	0.205976	0.197177	4.218284		0.367062	0.134589	4.10026	J	2.229441	1.757259
FEEBRIS1D-14.054-056	6/12/15 14:58	0.001421	UJ	0.032612	0.020803	0.143024	U	0.512685	0.38367	0.403135	J	0.296796	0.249615	8.733065	J	4.815063	3.817118
FEEBRIS1D-14.082-084	6/12/15 14:51	0.036193	J	0.047848	0.001067	0.866163		0.316375	0.490656	1.312499		0.266587	0.180178	0.412619	U	0.793397	0.600496
FEEBRIS1D-15.077-080	7/2/15 15:50	0.006588	J	0.020166	0.004196	0.49364		0.209601	0.263301	0.702563	J+	0.187544	0.142362	2.430432	J	1.7634	1.35069
FEEBRIS1D-15.085-086	7/2/15 15:22	0.317563	J	0.127616	0.004203	0.235949	U	0.421657	0.319039	8.821196	J+	0.852412	0.231217	14.7317		3.301014	3.477985
FEEBRIS1D-16.050-051	7/27/15 9:44	8.946283	J	1.933706	0.00498	0.978152		0.649682	0.739701	33.46279		2.758479	0.409927	60.52545		10.25532	8.574864
FEEBRIS1D-16.059-061	7/27/15 10:14	0.03218	J	0.052456	0.013747	0.662266		0.337619	0.329297	0.577428		0.214804	0.140851	-0.13702	U	0.286771	0.489656
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	0.027076	U	0.101386	0.058775	0.586628		0.282441	0.273996	0.518806		0.172203	0.131542	0.374415	U	0.61979	0.476425
FEEBRIS1D-17.030-031	6/22/15 14:56	-0.00257	UJ	0.029086	0.016839	0.391353	J	0.405985	0.345667	0.380564	J	0.207336	0.185236	0.731233	J	0.759367	0.611884
FEEBRIS1D-17.033-036	6/22/15 15:03	0.038434	J	0.053767	0.009049	0.406614	J	0.361651	0.318215	0.748728		0.258441	0.194726	1.202023	J	1.216341	0.994413
FEEBRIS1D-18.013-014	6/22/15 12:47	0.112576	J	0.078444	0.003239	0.307909	J	0.155174	0.118	0.759903		0.160502	0.091914	0.544253	U	1.60427	1.039462
FEEBRIS1D-18.038-041	6/22/15 12:56	0.097462	J	0.078918	0.006125	0.262874	U	0.350197	0.286372	0.52268		0.203265	0.249766	6.929762	J	6.292553	5.083832
FEEBRIS1D-18.044-046	6/22/15 13:04	0.012537	J	0.030145	0.003848	1.396909		0.274354	0.245441	1.343222		0.205803	0.106267	2.497663	J	1.647096	1.109779
FEEBRIS1D-19.061-063	7/8/15 10:18	0.129221	J	0.092687	0.007277	1.23161		0.497988	0.459652	1.169501	J+	0.322301	0.203736	0.419903	U	0.899524	0.680785
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	0.076999	J	0.069715	0.008274	1.079802		0.240931	0.266203	1.275235	J+	0.177971	0.108965	1.246275	J	1.475095	0.956906
FEEBRIS1D-20.080-081	7/30/15 9:57	0.107754	J	0.170886	0.034701	0.08103	J	0.096204	0.076912	0.714328		0.098507	0.098759	0.923125		0.643118	0.744271
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	0.139684		0.13494	0.035057	0.052889	U	0.153471	0.11661	0.834631		0.133905	0.056551	1.862923		1.195471	0.792964
FEEBRIS1D-20.089-090	7/30/15 10:24	0.240543		0.171141	0.011746	1.146637		0.233669	0.200429	1.328062		0.189679	0.106693	2.647904		2.208363	1.779283

Table 11: Phase 1D Soil/Waste Sample Radionuclide Analytical Results

Client ID	Sample Date	Lead-212				Lead-214				Potassium-40				Protactinium-231			
		Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV
FEEBRIS1D-01.007-009	6/22/15 10:07	0.960576		0.1441	0.120735	1.180492		0.180455	0.130831	13.25963		1.980843	0.523954	2.042549	J	1.90131	1.422944
FEEBRIS1D-01.024-027	6/22/15 10:15	0.197302	J	0.204243	0.164685	0.785059		0.245588	0.198773	3.568667		1.402	0.66882	0.762659	U	2.392469	1.972733
FEEBRIS1D-02.020-023	6/22/15 11:20	1.255637		0.175138	0.144477	1.201658		0.198763	0.134114	16.01483		2.226937	0.644819	-1.86467	U	1.597371	1.449792
FEEBRIS1D-02.027-030	6/22/15 11:04	0.898989		0.170667	0.172667	1.174569		0.195878	0.124529	12.32705		2.232769	0.603	-1.14279	U	2.76717	1.55205
FEEBRIS1D-02.036-037	6/22/15 11:30	1.288992		0.29844	0.190667	1.223655		0.279246	0.20809	17.35425		3.343762	1.108026	-0.27969	U	3.070651	2.484489
FEEBRIS1D-03.028-029	7/6/15 11:26	39.84733		4.930248	1.64872	204.683		19.40681	2.26984	11.56714	J	9.974415	8.046247	-912.728	U	127.8887	23.33996
FEEBRIS1D-03.041-043	7/6/15 13:09	0.547884		0.137182	0.157127	1.406522	J	0.215251	0.14036	8.480691	J	1.640399	0.427382	0.972829	U	2.091703	1.611691
FEEBRIS1D-03.041-043 FD	7/6/15 13:09	0.377347		0.128498	0.133719	0.48729	J	0.23374	0.202646	4.608148	J	1.350696	0.479228	0.012928	U	2.868668	1.791123
FEEBRIS1D-4.061-062	7/30/15 7:35	1.346494		0.17558	0.124788	1.234962		0.178522	0.131696	19.25941		2.562169	0.40293	0.416059	U	1.048879	1.57418
FEEBRIS1D-4.064-065	7/30/15 7:40	0.68354		0.114312	0.088538	0.820352		0.126714	0.104533	14.94942		2.101455	0.507633	-0.25596	U	0.722891	0.880081
FEEBRIS1D-5.051-052	7/20/15 14:04	1.132403		0.388524	0.692509	72.53149		6.039228	0.638124	14.64828		3.806429	2.412463	1.137171	U	11.96189	7.225339
FEEBRIS1D-5.063-064	7/20/15 14:28	1.015726		0.14665	0.110809	1.048727		0.152173	0.117081	15.44569		2.129691	0.543604	0.417283	U	1.45043	1.136696
FEEBRIS1D-6.080-081	7/21/15 9:53	0.899856		0.170806	0.138655	0.555007		0.181818	0.139798	3.509433		1.177382	0.569231	0.969439	U	2.243864	1.485835
FEEBRIS1D-6.085-086	7/21/15 9:58	0.566176		0.121507	0.115091	0.430527		0.138773	0.126326	12.48519		2.067613	0.650305	-0.05502	U	1.472983	1.146576
FEEBRIS1D-7.084-085	7/24/15 8:07	-1077.6	U	110.1418	4.535363	3942.625		322.5645	9.156312	27.90614		25.2669	20.82269	-263.314	U	129.9827	77.42237
FEEBRIS1D-7.093-094	7/24/15 14:50	0.70803		0.178139	0.141156	1.426677		0.249937	0.154373	13.94844		2.604538	0.700364	0.167224	U	2.158412	1.961222
FEEBRIS1D-8.075-076	7/29/15 9:06	0.998857	J	0.17498	0.155536	4.960483		0.483503	0.181977	10.72327		1.887718	0.870237	0.976622	U	2.199552	1.763601
FEEBRIS1D-8.090-091	7/29/15 9:41	0.614028		0.102784	0.082264	0.656747		0.10715	0.076629	15.55938		2.154232	0.31377	-0.32014	U	0.655827	0.765652
FEEBRIS1D-09.078-079	6/17/15 13:00	0.549128	J	0.281652	0.209815	0.193181	U	0.284901	0.197304	1.196637	J	1.253452	0.870458	-1.89484	U	3.479986	1.787408
FEEBRIS1D-09.088-089	6/11/15 8:55	0.72813	UJ	1.022236	0.428902	22.26984		1.902503	0.402381	6.895325	J	2.379846	1.598452	13.88691	U	6.259482	4.64468
FEEBRIS1D-09.099-100	6/17/15 13:14	0.443364		0.078687	0.070098	0.722803		0.109394	0.069393	15.41737		1.906657	0.337769	0.42391	U	0.912863	0.722838
FEEBRIS1D-10.046-049	7/9/15 12:10	1.375684		0.210974	0.14594	1.415042		0.200346	0.144789	21.01603		3.10245	0.792637	-3.0999	U	2.927979	1.486069
FEEBRIS1D-10.074-076	7/12/15 10:41	0.839205		0.151905	0.152383	0.751372		0.195344	0.160203	10.62336		1.93545	0.41354	1.061274	U	2.276284	1.68758
FEEBRIS1D-11.085-086	7/2/15 10:26	0.869806		0.297289	0.358427	28.3186		2.190418	0.304954	8.29772		1.673928	0.985824	4.697886	J	3.836693	3.015778
FEEBRIS1D-11.087-088	7/2/15 10:40	0.620645		0.111999	0.099314	0.906987		0.143605	0.071391	5.26507		1.031634	0.359166	0.606602	U	1.547653	0.971302
FEEBRIS1D-12.061-062	7/6/15 10:07	0.367299	J	0.265168	0.219691	0.013321	U	0.368888	0.261337	3.129813	J	1.790188	0.605861	-0.89746	U	5.257642	3.275998
FEEBRIS1D-12.074-075	7/6/15 10:30	1.256805		0.175767	0.155068	0.966819		0.153701	0.101323	12.19067		1.798138	0.457321	0.221919	U	1.458889	1.142415
FEEBRIS1D-13.085-086	6/12/15 14:32	1.274773		0.164267	0.153977	1.202277		0.193755	0.143156	18.46826		2.416405	0.732044	0.058583	U	0.756735	1.387293
FEEBRIS1D-13.093-094	6/12/15 14:15	0.572373		0.112834	0.132759	4.342316		0.408368	0.116872	7.375423		1.219044	0.551912	0.713812	U	1.730323	1.121815
FEEBRIS1D-14.054-056	6/12/15 14:58	0.215361	J	0.166859	0.211664	0.433353	J	0.294765	0.269658	2.171774	J	1.22733	0.59598	2.090779	U	3.727061	2.592187
FEEBRIS1D-14.082-084	6/12/15 14:51	1.281176		0.2951	0.190494	1.464185		0.288087	0.188722	14.3044		2.836257	0.965509	-0.12414	U	1.833944	2.233221
FEEBRIS1D-15.077-080	7/2/15 15:50	0.659351		0.12144	0.103048	0.784443		0.149612	0.11469	12.22991		1.992537	0.467842	-0.15006	U	1.900326	1.165524
FEEBRIS1D-15.085-086	7/2/15 15:22	0.87838		0.305765	0.228129	10.18598		0.886583	0.284269	2.589094		1.169205	0.734061	6.728093	J	4.074717	3.081487
FEEBRIS1D-16.050-051	7/27/15 9:44	0.663295		0.301674	0.585126	43.25859		3.643446	0.481585	9.08978		3.046203	2.086624	13.73597		6.930875	12.84969
FEEBRIS1D-16.059-061	7/27/15 10:14	0.748108		0.210528	0.144176	0.588603		0.189587	0.154654	16.80747		3.023986	0.829669	0.661572	U	2.205434	1.821159
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	0.551157		0.179322	0.126529	0.553908		0.200861	0.183058	16.9993		3.008756	0.740346	-0.06392	U	1.817325	1.664022
FEEBRIS1D-17.030-031	6/22/15 14:56	0.409978		0.199698	0.149003	0.490302		0.206295	0.160727	13.35678		2.874405	0.788281	-0.38925	U	2.206843	2.008723
FEEBRIS1D-17.033-036	6/22/15 15:03	0.543598		0.19029	0.1572	0.660563		0.257799	0.174221	14.542		2.925652	0.552592	-1.19268	U	3.111496	2.198816
FEEBRIS1D-18.013-014	6/22/15 12:47	0.406496		0.099623	0.112836	0.856002		0.162535	0.107201	4.685266		1.223861	0.619634	1.098877	U	1.319517	1.110859
FEEBRIS1D-18.038-041	6/22/15 12:56	-0.06567	U	0.218225	0.125909	0.591437		0.238714	0.187483	1.934676	J	1.102726	0.611575	0.413932	U	2.816806	1.818741
FEEBRIS1D-18.044-046	6/22/15 13:04	1.34429		0.179193	0.16238	1.360485		0.199363	0.141002	21.67781		2.860758	0.65364	0.071746	U	0.787993	1.561028
FEEBRIS1D-19.061-063	7/8/15 10:18	1.671716		0.37481	0.239595	1.24218		0.317464	0.236299	18.55093		3.306811	0.678908	-1.27145	U	2.764522	2.50958
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	1.193703		0.157527	0.143318	1.372876		0.158721	0.124843	17.62426		2.236836	0.284991	0.165249	U	0.707659	1.1115
FEEBRIS1D-20.080-081	7/30/15 9:57	0.143097		0.0483	0.058481	0.680643		0.106197	0.066447	1.717235		0.501123	0.243789	0.388623	U	0.752192	0.610293
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	0.189735		0.067369	0.081248	0.835407		0.123882	0.079953	1.967548		0.781902	0.47351	0.824634	U	1.252969	0.944709
FEEBRIS1D-20.089-090	7/30/15 10:24	1.237873		0.177671	0.129246	1.266106		0.179673	0.106277	19.50387		2.70559	0.339412	-1.52548	U	2.174511	1.204656

Table 11: Phase 1D Soil/Waste Sample Radionuclide Analytical Results

Client ID	Sample Date	Radium-226				Radium-228				Thallium-208				Thorium-228			
		Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV
FEEBRIS1D-01.007-009	6/22/15 10:07	1.08279	U	0.201293	1.659284	0.952733		0.227879	0.274459	0.72437		0.15074	0.241139				
FEEBRIS1D-01.024-027	6/22/15 10:15	1.114593	U	0.275016	1.559085	0.469978	J	0.321571	0.281394	0.169667	U	0.238045	0.194468				
FEEBRIS1D-02.020-023	6/22/15 11:20	1.264104		0.178576	1.239905	1.115629		0.295294	0.256169	1.077782		0.190391	0.200513				
FEEBRIS1D-02.027-030	6/22/15 11:04	1.137891	U	0.228542	1.511923	1.049154		0.345117	0.272855	0.649215		0.189723	0.180097				
FEEBRIS1D-02.036-037	6/22/15 11:30	1.009237	U	0.298135	1.663947	0.851663	J	0.454303	0.403455	1.380429		0.444998	0.293304				
FEEBRIS1D-03.028-029	7/6/15 11:26	188.1166	J+	14.14006	20.8917	2.142299	U	3.04715	2.332007	-0.13664	U	0.989927	1.73935				
FEEBRIS1D-03.041-043	7/6/15 13:09	1.223922	U	0.230361	1.326384	0.743491		0.246284	0.203421	0.480563		0.176554	0.203422				
FEEBRIS1D-03.041-043 FD	7/6/15 13:09	0.414958	U	0.215018	1.504872	0.288492	J	0.323576	0.26467	0.288166	J	0.185124	0.235308				
FEEBRIS1D-4.061-062	7/30/15 7:35	1.24697	U	0.197993	1.309773	1.148865		0.26941	0.23465	0.970985		0.198041	0.187092				
FEEBRIS1D-4.064-065	7/30/15 7:40	0.858818		0.154785	0.771733	0.69926		0.175233	0.152649	0.546638		0.108198	0.141583				
FEEBRIS1D-5.051-052	7/20/15 14:04	53.90697		4.268153	7.668921	1.346613		0.649821	0.704532	0.719023		0.245329	0.694445				
FEEBRIS1D-5.063-064	7/20/15 14:28	1.064006	U	0.180749	1.179031	0.838816		0.21511	0.223597	0.733761		0.160159	0.179787				
FEEBRIS1D-6.080-081	7/21/15 9:53	0.59044	U	0.224266	1.051558	1.107397		0.254834	0.228571	0.858581		0.196645	0.161532				
FEEBRIS1D-6.085-086	7/21/15 9:58	0.495135	U	0.132622	1.092361	0.472564		0.217108	0.230391	0.506083		0.152913	0.167638				
FEEBRIS1D-7.084-085	7/24/15 8:07	3630.347		242.455	104.9067	31.84647		9.445533	8.287227	1.404959	U	4.137465	5.905691				
FEEBRIS1D-7.093-094	7/24/15 14:50	1.504794		0.276089	1.365695	0.608425		0.306662	0.233599	0.124964	U	0.255298	0.199418				
FEEBRIS1D-8.075-076	7/29/15 9:06	4.535184		0.472656	1.774363	0.94278		0.268093	0.241515	0.859716		0.205816	0.255053				
FEEBRIS1D-8.090-091	7/29/15 9:41	0.506918	U	0.099459	0.685784	0.685142		0.183834	0.170569	0.525572		0.107205	0.100664				
FEEBRIS1D-09.078-079	6/17/15 13:00	0.206324	U	0.252734	2.374076	0.16456	U	0.43581	0.334638	0.193152	U	0.286636	0.249348				
FEEBRIS1D-09.088-089	6/11/15 8:55	40.19737	J	9.943918	4.587992	3.577968	U	2.313538	0.493242	0.557601	U	0.48884	0.382481	0.356434072	UJ	0.272955	0.183888
FEEBRIS1D-09.099-100	6/17/15 13:14	0.663309	U	0.099329	1.247385	0.476397		0.133714	0.205657	0.371743		0.084711	0.086463				
FEEBRIS1D-10.046-049	7/9/15 12:10	1.335461	U	0.235258	1.429186	1.57974		0.287169	0.252672	1.293005		0.212442	0.16038	0.423274457	J	0.157641	0.008439
FEEBRIS1D-10.074-076	7/12/15 10:41	0.811126	U	0.196436	1.14169	0.660725		0.230584	0.194345	0.770536		0.197892	0.168296	0.330931329		0.140219	0.020463
FEEBRIS1D-11.085-086	7/2/15 10:26	24.4009	J+	1.855872	2.842205	1.095115		0.442328	0.390667	0.535352		0.131602	0.33813				
FEEBRIS1D-11.087-088	7/2/15 10:40	0.7326	U	0.126314	0.960318	0.682462		0.177518	0.136565	0.571308		0.117544	0.100311				
FEEBRIS1D-12.061-062	7/6/15 10:07	0.575906	U	0.466925	2.504739	-0.37368	U	0.670432	0.357648	-0.52486	U	0.563411	0.315104				
FEEBRIS1D-12.074-075	7/6/15 10:30	1.018285	U	0.176996	1.580196	1.092377		0.231286	0.189989	1.059429		0.182146	0.153389				
FEEBRIS1D-13.085-086	6/12/15 14:32	1.168203	U	0.191206	1.561182	1.109875		0.249565	0.249096	1.065181		0.189859	0.143086				
FEEBRIS1D-13.093-094	6/12/15 14:15	4.218284		0.367062	1.478734	0.462627	J	0.205976	0.197177	0.482137		0.117473	0.165713				
FEEBRIS1D-14.054-056	6/12/15 14:58	0.403135	U	0.296796	2.374874	0.143024	U	0.512685	0.38367	0.347407	J	0.235808	0.29449				
FEEBRIS1D-14.082-084	6/12/15 14:51	1.312499	U	0.266587	1.515045	0.866163		0.316375	0.490656	0.93239		0.448578	0.329				
FEEBRIS1D-15.077-080	7/2/15 15:50	0.702563	U	0.187544	1.033034	0.49364		0.209601	0.263301	0.591004		0.15746	0.180911				
FEEBRIS1D-15.085-086	7/2/15 15:22	8.821196	J+	0.852412	2.849722	0.235949	U	0.421657	0.319039	0.212874	U	0.29471	0.222692				
FEEBRIS1D-16.050-051	7/27/15 9:44	33.46279		2.758479	5.552467	0.978152		0.649682	0.739701	1.024181		0.562986	0.43312				
FEEBRIS1D-16.059-061	7/27/15 10:14	0.577428	U	0.214804	1.207417	0.662266		0.337619	0.329297	0.558316		0.199791	0.24633				
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	0.518806	U	0.172203	1.200215	0.586628		0.282441	0.273996	0.601727		0.241298	0.216046				
FEEBRIS1D-17.030-031	6/22/15 14:56	0.380564	U	0.207336	1.457901	0.391353	J	0.405985	0.345667	0.385343	J	0.20869	0.244702				
FEEBRIS1D-17.033-036	6/22/15 15:03	0.748728	U	0.258441	1.543464	0.406614	J	0.361651	0.318215	0.44581	J	0.316853	0.271185				
FEEBRIS1D-18.013-014	6/22/15 12:47	0.759903	U	0.160502	1.241382	0.307909	J	0.155174	0.118	0.460907		0.156875	0.150527				
FEEBRIS1D-18.038-041	6/22/15 12:56	0.52268	U	0.203265	1.57527	0.262874	U	0.350197	0.286372	0.073559	U	0.283763	0.211535				
FEEBRIS1D-18.044-046	6/22/15 13:04	1.343222		0.205803	1.331359	1.396909		0.274354	0.245441	0.988128		0.20324	0.172636				
FEEBRIS1D-19.061-063	7/8/15 10:18	1.169501	U	0.322301	2.306639	1.23161		0.497988	0.459652	1.226584	J	0.522531	0.40985	0.311828899	J	0.15897	0.015928
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	1.275235	J+	0.177971	1.198716	1.079802		0.240931	0.266203	1.072254		0.160421	0.1654	0.329137379		0.151181	0.019681
FEEBRIS1D-20.080-081	7/30/15 9:57	0.714328	U	0.098507	0.754994	0.08103	J	0.096204	0.076912	0.098603		0.061422	0.075264				
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	0.834631	U	0.133905	0.908581	0.052889	U	0.153471	0.11661	0.084283	U	0.123338	0.096103				
FEEBRIS1D-20.089-090	7/30/15 10:24	1.328062	U	0.189679	1.439702	1.146637		0.233669	0.200429	0.99361		0.174776	0.176697				

Table 11: Phase 1D Soil/Waste Sample Radionuclide Analytical Results

Client ID	Sample Date	Thorium-230				Thorium-232				Thorium-234			
		Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV
FEEBRIS1D-01.007-009	6/22/15 10:07	1.653059	J+	0.454096	0.076859	0.394551876	J	0.164150216	0.008504495	1.052918378	J+	1.183257578	0.966828452
FEEBRIS1D-01.024-027	6/22/15 10:15	1.205481	J+	0.339831	0.066569	0.10707636	J	0.075420889	0.005491624	1.227328198	J+	1.178977167	0.956367899
FEEBRIS1D-02.020-023	6/22/15 11:20	0.840947	J+	0.250816	0.053716	0.451985301	J	0.159919079	0.00301735	0.302528971	UJ+	1.516742104	0.947996568
FEEBRIS1D-02.027-030	6/22/15 11:04	0.684861	J+	0.238026	0.069406	0.180947808	J	0.106374751	0.006326524	1.855290476	J+	1.162657396	0.949259345
FEEBRIS1D-02.036-037	6/22/15 11:30	0.717583	J+	0.259712	0.078717	0.700603835	J	0.248081721	0.006932774	1.470884325	J+	1.306071545	1.005787226
FEEBRIS1D-03.028-029	7/6/15 11:26	615.5832	J+	127.8531	0.083128	4.067187092		0.916398838	0.008984619	235.2864267		25.72979367	11.91094725
FEEBRIS1D-03.041-043	7/6/15 13:09	1.585283	J+	0.427103	0.067873	0.211288764	J	0.110593198	0.001229879	1.143968966	U	1.997701864	1.275140789
FEEBRIS1D-03.041-043 FD	7/6/15 13:09	0.732568	J+	0.236116	0.062634	0.098055565	J	0.074144953	0.001210242	2.486497232		1.123405267	0.990369017
FEEBRIS1D-4.061-062	7/30/15 7:35	1.843945	J	0.621247	0.183705	1.466206299	J	0.514018145	0.014191731	2.185766789		2.119012707	1.742549898
FEEBRIS1D-4.064-065	7/30/15 7:40	0.772619	J	0.252065	0.089669	0.661495676	J	0.221592027	0.035551995	1.49970747		0.726563363	0.586002614
FEEBRIS1D-5.051-052	7/20/15 14:04	216.2941	J	42.31349	0.059292	1.944227506	J	0.449022178	0.008929483	10.25215749		5.819639752	4.317605089
FEEBRIS1D-5.063-064	7/20/15 14:28	0.453329		0.187732	0.072916	0.194500359	J	0.114878829	0.011280041	2.466229933	J	1.571453818	1.277022307
FEEBRIS1D-6.080-081	7/21/15 9:53	0.415324		0.18684	0.127976	0.314379548		0.157839723	0.05370719	2.063313149		1.093011337	0.922781851
FEEBRIS1D-6.085-086	7/21/15 9:58	0.501554	J	0.193986	0.075656	0.185085682	J	0.106715669	0.008358125	3.072966925		1.394010694	1.014977784
FEEBRIS1D-7.084-085	7/24/15 8:07	16702.67		3436.823	20.9139	178.2638719		53.11368246	8.734862782	8.225644566	U	36.28588932	26.35107921
FEEBRIS1D-7.093-094	7/24/15 14:50	18.02677		4.285283	0.100176	0.378056882		0.186002632	0.023423882	0.105945301	U	0.634089083	0.930844692
FEEBRIS1D-8.075-076	7/29/15 9:06	3.537263	J	0.931414	0.126202	0.237646745	J	0.161989159	0.015305992	2.601807864	U	2.184534093	1.691899797
FEEBRIS1D-8.090-091	7/29/15 9:41	0.993346	J	0.363745	0.117931	0.748326329	J	0.254428384	0.008732833	1.093103873		0.656738338	0.520267008
FEEBRIS1D-09.078-079	6/17/15 13:00	0.343183	J+	0.154457	0.069751	0.18975831	J	0.108372918	0.006143079	2.101103128	J+	1.483413055	1.258526822
FEEBRIS1D-09.088-089	6/11/15 8:55	905.5702	J+	180.9156	0.237934	3.761842891	J	1.083577368	0.10260841	12.92116031	UJ	4.208193103	5.103234798
FEEBRIS1D-09.099-100	6/17/15 13:14	3.407184	J+	0.81543	0.06807	0.191994687	J	0.109991603	0.008024442	1.272394555	J+	0.952536922	0.621216088
FEEBRIS1D-10.046-049	7/9/15 12:10	0.462699	J	0.169324	0.059734	0.330174913	J	0.133600721	0.004923856	1.595335561	J+	1.589091488	1.287456371
FEEBRIS1D-10.074-076	7/12/15 10:41	0.305493		0.132793	0.061808	0.318411907		0.13282938	0.005094794	1.172762698	J+	1.662363617	1.074882448
FEEBRIS1D-11.085-086	7/2/15 10:26	119.0457	J+	24.06614	0.062492	1.350473553		0.343419001	0.004868857	0.231470813	U	2.558657354	2.447241968
FEEBRIS1D-11.087-088	7/2/15 10:40	1.379925	J+	0.358827	0.049469	0.257156785	J	0.111188304	0.002781315	2.11022666	J	1.230752336	0.976959086
FEEBRIS1D-12.061-062	7/6/15 10:07	0.727404	J+	0.244563	0.066983	0.159570817	J	0.096283582	0.003636814	7.492244356		2.971135157	2.425748789
FEEBRIS1D-12.074-075	7/6/15 10:30	0.345367	J+	0.135143	0.050375	0.166309164	J	0.087725386	0.007920154	2.450070042	J	1.676878249	1.352574031
FEEBRIS1D-13.085-086	6/12/15 14:32	0.616859	J+	0.205124	0.059632	0.517163699	J	0.176416445	0.001108574	1.736019954	J+	1.730540464	1.421736101
FEEBRIS1D-13.093-094	6/12/15 14:15	4.274257	J+	0.968132	0.105433	0.262945036	J	0.152160297	0.014553254	2.974823019	J+	1.700984081	1.403267447
FEEBRIS1D-14.054-056	6/12/15 14:58	0.207358	J+	0.104713	0.065978	0.020623999	UJ	0.049094847	0.033551973	2.567315794	J+	1.622188425	1.399306029
FEEBRIS1D-14.082-084	6/12/15 14:51	0.738692	J+	0.235574	0.056934	0.336348506	J	0.138166412	0.005189666	1.961286724	J+	1.202149654	0.933783554
FEEBRIS1D-15.077-080	7/2/15 15:50	0.196138	J+	0.096098	0.054843	0.043043443	J	0.056406354	0.035710055	0.966380652	J	0.919214044	0.723276401
FEEBRIS1D-15.085-086	7/2/15 15:22	30.85546	J+	6.159074	0.04996	0.312230497	J	0.123206979	0.010908852	0.916699767	U	2.067498646	1.994796321
FEEBRIS1D-16.050-051	7/27/15 9:44	971.4633	J	198.3746	0.061152	6.453576589	J	1.306363446	0.010862315	2.050407394	U	4.443681849	3.263647613
FEEBRIS1D-16.059-061	7/27/15 10:14	0.608147		0.225042	0.077717	0.284000265		0.138973666	0.008859007	0.275354638	U	0.961587071	0.719804916
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	0.36997		0.239708	0.207915	0.265240118		0.183255041	0.012085641	0.790825425	J	0.900294368	0.735775416
FEEBRIS1D-17.030-031	6/22/15 14:56	0.354112	J+	0.152769	0.063877	0.151376327	J	0.094055358	0.008057025	1.854205379	J+	1.513428003	1.225278993
FEEBRIS1D-17.033-036	6/22/15 15:03	3.999635	J+	0.970988	0.075718	0.184548227	J	0.121134143	0.042496864	2.240603622	J+	1.159819646	0.923703908
FEEBRIS1D-18.013-014	6/22/15 12:47	0.557477	J+	0.198471	0.060282	0.157148179	J	0.092454835	0.00549485	1.760293541	J+	1.354287644	0.912130361
FEEBRIS1D-18.038-041	6/22/15 12:56	5.973355	J+	1.382747	0.073873	0.05456943	J	0.057024088	0.003878254	1.619206906	J+	1.379925173	1.139453275
FEEBRIS1D-18.044-046	6/22/15 13:04	1.294001	J+	0.383475	0.071629	0.779444235	J	0.258878799	0.001517914	1.643551059	J+	1.544155624	1.261597276
FEEBRIS1D-19.061-063	7/8/15 10:18	1.081112	J	0.354122	0.087048	0.539415851	J	0.216961625	0.013096828	2.540094329	J+	1.622901016	1.306137278
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	0.699278		0.244554	0.092089	0.236176817	J	0.125867565	0.024655857	1.459347834	J+	1.411124134	0.922187439
FEEBRIS1D-20.080-081	7/30/15 9:57	1.356557	J	0.591348	0.227789	0.37574452	J	0.284774551	0.035058446	2.104057215		0.779908751	0.565098276
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	1.43311		0.50782	0.138156	0.140593215	J	0.120437438	0.006577119	1.869495383		1.009982268	0.690753154
FEEBRIS1D-20.089-090	7/30/15 10:24	1.431419		0.48587	0.141047	1.198680593		0.420284398	0.02113946	1.791566303		0.930596071	0.745733871

Table 11: Phase 1D Soil/Waste Sample Radionuclide Analytical Results

Client ID	Sample Date	Uranium-234				Uranium-235				Uranium-238			
		Result	Final Q	CSU	CV	Result	Final Q	CSU	CV	Result	Final Q	CSU	CV
FEEBRIS1D-01.007-009	6/22/15 10:07	0.440827847	J-	0.163385364	0.031513773	0.03911267	J	0.054338358	0.00728885	0.367429948	J	0.144889184	0.013872759
FEEBRIS1D-01.024-027	6/22/15 10:15	0.868719098	J-	0.219158275	0.006555581	0.079886043	J	0.069759331	0.000682183	0.773754039	J	0.204216823	0.000767456
FEEBRIS1D-02.020-023	6/22/15 11:20	0.313577203	J-	0.135080839	0.008107421	0.046604718	J	0.056519273	0.003106732	0.287907312	J	0.128267895	0.005475253
FEEBRIS1D-02.027-030	6/22/15 11:04	0.249527744	J-	0.135521766	0.010494245	0.077752354	J	0.084554813	0.006950661	0.371399778	J	0.165907978	0.007087167
FEEBRIS1D-02.036-037	6/22/15 11:30	0.252063955	J-	0.111007227	0.003095427	0.04273269	J	0.056104333	0.00072921	0.295016577	J	0.121063683	0.004732433
FEEBRIS1D-03.028-029	7/6/15 11:26	9.35591288		1.517929757	0.007165694	0.727260328		0.248566166	0.012133261	9.272426723		1.505487483	0.001163714
FEEBRIS1D-03.041-043	7/6/15 13:09	0.220257874	J	0.109073503	0.007632249	0	UJ	0.043062051	0.000794223	0.275865318	J	0.12357027	0.0008935
FEEBRIS1D-03.041-043 FD	7/6/15 13:09	0.146358204	J	0.102738034	0.001604302	0.040122366	J	0.068322157	0.001026753	0.056510967	J	0.064616141	0.009417595
FEEBRIS1D-4.061-062	7/30/15 7:35	2.831972779		1.260466006	0.057701526	0.322583816	J	0.549215724	0.008771039	2.775559778		1.254832334	0.097860973
FEEBRIS1D-4.064-065	7/30/15 7:40	1.41754208		0.616842054	0.047503396	0.374937969		0.363706149	0.004085304	1.784904271		0.695664173	0.035267079
FEEBRIS1D-5.051-052	7/20/15 14:04	0.229968336		0.134724663	0.042168253	0.135829197		0.107236942	0.01115431	0.178823797		0.129212169	0.0618746
FEEBRIS1D-5.063-064	7/20/15 14:28	0.272523693	J	0.175098711	0.015856086	0.058974898	J	0.071551945	0.014933955	0.263404559	J	0.147296763	0.006949374
FEEBRIS1D-6.080-081	7/21/15 9:53	2.235281727		0.446512498	0.001357365	0.114215631		0.091674453	0.000887508	2.194729632		0.441146281	0.018752606
FEEBRIS1D-6.085-086	7/21/15 9:58	0.17082084	J	0.119098341	0.017739294	0.019115243	J	0.045869454	0.004417894	0.306530126	J	0.156906439	0.010820532
FEEBRIS1D-7.084-085	7/24/15 8:07	372.9061282		166.8708982	9.887184228	40.9092936	J	69.73923752	1.086115057	222.7176883		126.4341754	9.37607126
FEEBRIS1D-7.093-094	7/24/15 14:50	0.164351292		0.099241243	0.001405195	0.050686822	J	0.066575253	0.000918782	0.215876597		0.110821596	0.003292397
FEEBRIS1D-8.075-076	7/29/15 9:06	0.659123202	UJ	0.475555175	0.243557261	0.258574772	UJ	0.376346038	0.086108894	0.585050032	UJ	0.681175354	0.390962421
FEEBRIS1D-8.090-091	7/29/15 9:41	0.899307565	J	0.519789434	0.031375782	0.247995018	J	0.301082049	0.016810089	0.824718711	J	0.496067225	0.029131386
FEEBRIS1D-09.078-079	6/17/15 13:00	0.063975882	J-	0.056964258	0.007069915	0.055058493	J	0.057009756	0.002709164	0.040495099	J	0.046277167	0.006748043
FEEBRIS1D-09.088-089	6/11/15 8:55	3.406762744	J-	0.988603559	0.068008704	0.61864705	UJ	0.429800969	0.110973701	3.228968808	J	0.960658206	0.102422498
FEEBRIS1D-09.099-100	6/17/15 13:14	0.276024224	J-	0.142487311	0.035772065	0.127476468	J	0.101214895	0.006249215	0.275395166	J	0.125892734	0.01163932
FEEBRIS1D-10.046-049	7/9/15 12:10	0.208961424	J	0.129720292	0.005244387	0.063314225	J+	0.082170364	0.007749334	0.457819709	J	0.197816355	0.004635623
FEEBRIS1D-10.074-076	7/12/15 10:41	0.375950776		0.160174564	0.024096371	0.15459365	J+	0.109791797	0.008460747	0.332156844		0.155793032	0.051222536
FEEBRIS1D-11.085-086	7/2/15 10:26	1.484670406		0.330066383	0.001190794	0.074452103	J	0.072181004	0.000762108	1.412077836		0.318270553	0.006990214
FEEBRIS1D-11.087-088	7/2/15 10:40	0.859284057		0.242657311	0.019314272	0.065268019	J	0.073654648	0.014341508	0.736205664		0.222548183	0.032449777
FEEBRIS1D-12.061-062	7/6/15 10:07	0.106506299	J	0.076856786	0.003643534	0.013927513	J	0.033412181	0.003160723	0.076658921	J	0.066125745	0.005570405
FEEBRIS1D-12.074-075	7/6/15 10:30	0.230086783		0.112095556	0.009781033	0.028353018	J	0.043426873	0.002930148	0.211842149	J	0.114719232	0.039314951
FEEBRIS1D-13.085-086	6/12/15 14:32	0.299818026	J-	0.175175745	0.014568111	0.05922529	J	0.10086238	0.001515978	0.274630025	J	0.167234452	0.01390487
FEEBRIS1D-13.093-094	6/12/15 14:15	2.771738764	J-	0.583583994	0.01560579	0.312955734	J	0.179609364	0.008080615	3.630180117	J	0.706977615	0.062727613
FEEBRIS1D-14.054-056	6/12/15 14:58	0.21485036	J-	0.104293845	0.003229565	0.012338001	J	0.029599279	0.002801609	0.093946205	J	0.067801975	0.002896711
FEEBRIS1D-14.082-084	6/12/15 14:51	0.396891949	J-	0.17896935	0.008021083	0.022152454	J	0.065401596	0.019793518	0.410332603	J	0.182616214	0.010620443
FEEBRIS1D-15.077-080	7/2/15 15:50	0.144008013	J	0.089127495	0.009875622	-0.005335819	U	0.031644809	0.005113557	0.077901916	J	0.067261922	0.011679203
FEEBRIS1D-15.085-086	7/2/15 15:22	0.461875715		0.157847236	0.007102367	0.035926863	J	0.0499186	0.006686633	0.477479318		0.16123501	0.000831468
FEEBRIS1D-16.050-051	7/27/15 9:44	5.033687557	J	1.002928288	0.04660221	0.302758338	J	0.190983313	0.039033606	4.773363344	J	0.961268517	0.063089619
FEEBRIS1D-16.059-061	7/27/15 10:14	0.100827911	J	0.078026356	0.010766313	0.118945948	J	0.095468836	0.000925906	0.175966122	J	0.099707744	0.003317926
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	0.076914915		0.068508802	0.008572979	0.03162797	J	0.048432748	0.003319301	0.288204859	J	0.13115291	0.00575225
FEEBRIS1D-17.030-031	6/22/15 14:56	0.140465048	J-	0.088657306	0.001264768	0.028827612	J	0.044142857	0.002980726	0.127147658	J	0.084336975	0.000910633
FEEBRIS1D-17.033-036	6/22/15 15:03	0.851772143	J-	0.336954968	0.018129374	0.036881872	J	0.102356525	0.001886568	0.471242743	J	0.242384183	0.007182926
FEEBRIS1D-18.013-014	6/22/15 12:47	0.420073576	J-	0.160889556	0.008354046	0.048099032	J	0.058338631	0.003201238	0.205774697	J	0.111082272	0.000978
FEEBRIS1D-18.038-041	6/22/15 12:56	0.221930833	J-	0.115390057	0.006204915	0.049475968	J	0.060020111	0.003298396	0.108090475	J	0.079895544	0.005813038
FEEBRIS1D-18.044-046	6/22/15 13:04	0.310516185	J-	0.185877894	0.011634581	0.120239946	J	0.130687225	0.010689849	0.282667372	J	0.1768531	0.010899789
FEEBRIS1D-19.061-063	7/8/15 10:18	0.471220119	J	0.189484454	0.007526314	0.164204451	J+	0.112087681	0.010565046	0.551130086	J	0.207112877	0.009876229
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	0.656890847	J	0.211393354	0.003913578	0.191493385	J+	0.118138765	0.003345722	0.57786167	J	0.196515752	0.008333596
FEEBRIS1D-20.080-081	7/30/15 9:57	1.920170916	J	0.827613545	0.127605272	0.140364079	UJ	0.399926724	0.204524716	0.934479772	J	0.592933184	0.164981668
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	2.100415031		0.789400775	0.017982587	0.474590479		0.39741697	0.015634256	1.040117013		0.535969353	0.015895182
FEEBRIS1D-20.089-090	7/30/15 10:24	3.363805945		1.552314119	0.100457527	0.336185565	J	0.571397313	0.066755305	3.975440904		1.701290027	0.123124409

Notes: All units in pCi/g CSU = combined standard uncertainty CV = critical value Final Q = final qualifier
J = The analyte was analyzed for, and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample.
J- = Same as J qualification but with an indication of negative bias in the sample concentration.
J+ = Same as J qualification but with an indication of positive bias in the sample concentration.
U = The analyte was analyzed for and is not present above the level of the associated value. The associated numerical value indicates the approximate concentration necessary to detect the analyte in the sample.
UJ = The analyte analyzed for was not present above the level of the associated value. The associated numerical value may not accurately represent the concentration necessary to detect the analyte in the sample.

Table 12: Phase 1D Soil/Waste Sample Trace Metal and Inorganic Analytical Results

Client Sample name	Sample Date	ALKALINITY, BICARBONATE (AS CACO3)			ALKALINITY, CARBONATE (AS CACO3)			ALKALINITY, TOTAL (AS CACO3)			ALUMINUM			ANTIMONY			ARSENIC			BARIUM			BERYLLIUM			CADMIUM		
		Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL
FEEBRIS1D-01.007-009	6/22/15 10:07	950		57	68		57	1000		57	7400		28				6.8		5.5	160		11	0.4	J	0.55	0.28		0.28
FEEBRIS1D-01.024-027	6/22/15 10:15	2800		59				2800		59	2800		26	0.49	J	2.6				57		10	0.14	J	0.51	6		0.26
FEEBRIS1D-02.020-023	6/22/15 11:20	1700		61	150		61	1800		61	5200		29				8.5		5.9	120		12	0.3	J	0.59	0.33		0.29
FEEBRIS1D-02.027-030	6/22/15 11:04	1200		120				1200		120	47000		55	11		5.5				78		22				0.7		0.55
FEEBRIS1D-02.036-037	6/22/15 11:30	1900		64	720		64	2600		64	7800		29				5.6	J	5.9	260		12	0.49	J	0.59	0.24	J	0.29
FEEBRIS1D-3.028-029	7/6/15 11:26	640		58				640		58	5400		26	0.7	J+	2.6	7		5.3	540	J	11	0.39	J	0.53	0.61		0.26
FEEBRIS1D-3.041-043	7/6/15 13:09	2000		91	1100		91	3100		91	2300	J	43	8.3		4.3	5	J	8.6	310		17				2.3		0.43
FEEBRIS1D-3.041-043 FD	7/6/15 13:09	2800		120	1200		120	4000		120	22000	J	49	28		4.9	6.4	J	9.9	280		20				4		0.49
FEEBRIS1D-4.061-062	7/30/15 7:35	1200		61	170		61	1300		61	8600		56	13		5.6	8.1	J	11	140		22	0.42	J	1.1	0.28	J	0.56
FEEBRIS1D-4.064-065	7/30/15 7:40	1700		58	600		58	2300		58	3800		250	3.4	J	25				81	J	99						
FEEBRIS1D-5.051-052	7/20/15 14:04	1500		97	460		97	2000		97	30000		230	4.7	J	23				420		91				0.99	J	2.3
FEEBRIS1D-5.063-064	7/20/15 14:28	2400		65	230		65	2600		65	4600	J+	60	11		6	5.1	J	12	190	J+	24				1.8		0.6
FEEBRIS1D-6.080-081	7/21/15 9:53	1900		69	1600		69	3600		69	4900		66	54		6.6	7.9	J	13	110		27				1.1		0.66
FEEBRIS1D-6.085-086	7/21/15 9:58	1500		59	380		59	1800		59	18000		54	39		5.4	3.3	J	11	83		21				1.7		0.54
FEEBRIS1D-7.084-085	7/24/15 8:07	680		63	200		63	880		63	3600		60	0.96	J	6	39		12	4800		24	0.48	J	1.2	1.3		0.6
FEEBRIS1D-7.093-094	7/24/15 14:50	170	J+	62	150		62	320		62	1800		58	0.8	J	5.8				46		23						
FEEBRIS1D-8.075-076	7/29/15 9:06	3400		63	860		63	4300		63	4700		150	3.3	J	15				2200		58				1.1	J	1.5
FEEBRIS1D-8.090-091	7/29/15 9:41	1500		60	240		60	1700		60	2000		130	1.9	J	13				78		52				0.51	J	1.3
FEEBR1S1D-09.088-089	6/11/15 8:50	2300		300	830		300	3100		300	3800		14				3.1		2.8	490		5.6	0.26	J	0.28	0.51		0.14
FEEBRIS1D-09.078-079	6/17/15 13:00	850		66				850		66	5000		160							99		64				0.65	J	1.6
FEEBRIS1D-09.099-100	6/17/15 13:14	620		60	48	J	60	670		60	3400		26	0.71	J	2.6	6.3		5.3	160		11	0.27	J	0.53	0.71		0.26
FEEBRIS1D-10.046-049	7/9/15 12:10	1100						1100		64	7900		29	0.56	J	2.9	9.5		5.8	540		12	1.1		0.58	1.9		0.29
FEEBRIS1D-10.074-076	7/12/15 10:41	1800		62	750		62	2600		62	8400		31	8.1	J+	3.1	5.7	J+	6.2	170	J+	12	0.69		0.62	0.49		0.31
FEEBRIS1D-11.085-086	7/2/15 10:26	2300		54	470		54	2800		54	3600		24	0.46	J	2.4	4.2	J	4.8	2100		9.6	0.31	J	0.48	1.7		0.24
FEEBRIS1D-11.087-088	7/2/15 10:40	640		53	170		53	810		53	3500		24				8		4.7	130		9.5	0.26	J	0.47	8.9		0.24
FEEBRIS1D-12.061-062	7/6/15 10:07	750	J-	98				750	J-	98	36000		45	3.3	J	4.5	27		9	210		18	0.24	J	0.9	1.1		0.45
FEEBRIS1D-12.074-075	7/6/15 10:30	1400		71	57	J	71	1500		71	3200		32				6.7		6.3	120		13	0.26	J	0.63	0.73		0.32
FEEBRIS1D-13.085-086	6/12/15 14:32	980		58	47	J	58	1000		58	14000		26				6.2		5.1	250		10	0.69		0.51	0.32		0.26
FEEBRIS1D-13.093-094	6/12/15 14:15	810	J+	57	270		57	1100	J	57	3100	J+	53				8	J	11	74		21				0.49	J	0.53
FEEBRIS1D-13.093-094 FD	6/12/15 14:15	240	J-	55	220	J-	55	460	J-	55	1100	J	25				2.1	J	5	21		10				0.21	J	0.25
FEEBRIS1D-14.054-056	6/12/15 14:58	1300		61	680		61	2000		61	16000		30				10		5.9	240		12	0.78		0.59	0.47		0.3
FEEBRIS1D-14.082-084	6/12/15 14:51	1500		55	270		55	1800		55	8200		25				9.5		5	210		10	0.55		0.5	0.37		0.25
FEEBRIS1D-15.077-080	7/2/15 15:50	660		57	500		57	1200		57	9400		27	22		2.7	3.7	J	5.4	52		11				57		0.27
FEEBRIS1D-15.085-086	7/2/15 15:22	4200		63	1800		63	6000		63	4000		30	0.56	J	3	4.5	J	6.1	750		12				1.7		0.3
FEEBRIS1D-16.050-051	7/27/15 9:44	1200		140	750		140	2000		140	18000		330	4.7	J	33				370		130						
FEEBRIS1D-16.059-061	7/27/15 10:14	230		64	130		64	360		64	2700		54	0.89	J	5.4				80		22						
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	240		66	110		66	350		66	2200		58	0.81	J	5.8				69		23						
FEEBRIS1D-17.030-031	6/22/15 14:56	1300		140				1300		140	18000		310	5.2	J	31				460		130				21		3.1
FEEBRIS1D-17.033-036	6/22/15 15:03	920		100				920		100	6300		240							86	J	97						
FEEBRIS1D-18.013-014	6/22/15 12:47	320		55	44	J	55	370		55	4700		26				2.9	J	5.2	47		10	0.22	J	0.52	0.34		0.26
FEEBRIS1D-18.038-041	6/22/15 12:56	1900		66				1900		66	120		6.3	0.2	J	0.63				41		2.5				2		0.063
FEEBRIS1D-18.044-046	6/22/15 13:04	950		61	97		61	1000		61	9000		29				7.5		5.9	210		12	0.59		0.59	0.52		0.29
FEEBRIS1D-19.061-063	7/8/15 10:18	3600	J+	59	200	J+	59	3800		59	4500		27				5.2	J	5.4	130		11	0.36	J	0.54	0.32		0.27
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	3100		59	480		59	3600		59	4500		26				4.1	J	5.3	110		11	0.35	J	0.53	0.23	J	0.26
FEEBRIS1D-20.080-081	7/30/15 9:57	150		53	170		53	320		53	1300		250	3.3	J	25				47	J	100						
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	200		55	150		55	350		55	1400		250							27	J	100				1.2	J	2.5
FEEBRIS1D-20.089.090	7/30/15 10:24	780		63	150		63	930		63	8800		160	2.5	J	16				170		62				1	J	1.6

Table 12: Phase 1D Soil/Waste Sample Trace Metal and Inorganic Analytical Results

Client Sample name	Sample Date	CALCIUM			CHROMIUM, TOTAL			COBALT			COPPER			FLUORIDE			IRON			LEAD			MAGNESIUM			MANGANESE		
		Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL
FEEBRIS1D-01.007-009	6/22/15 10:07	44000		280	11		5.5	6.8		1.1	13		5.5	5.2		1.1	19000		28	9.4		1.7	18000		280	1100		2.8
FEEBRIS1D-01.024-027	6/22/15 10:15	65000		260	51		5.1	2.2		1	60		5.1	43		5.9	4400		26	28		1.5	8400		260	230		2.6
FEEBRIS1D-02.020-023	6/22/15 11:20	62000		290	10		5.9	7.4		1.2	13		5.9				9900		29	9.7		1.8	14000		290	300		2.9
FEEBRIS1D-02.027-030	6/22/15 11:04	45000		550	300		11	6.1		2.2	90		11				43000		55	150		3.3	4300		550	2400		5.5
FEEBRIS1D-02.036-037	6/22/15 11:30	20000		290	12		5.9	6.9		1.2	17		5.9	2.4	J	6.4	16000		29	9.5		1.8	7900		290	390		2.9
FEEBRIS1D-3.028-029	7/6/15 11:26	110000	J	530	17		5.3	6.9		1.1	330	J+	5.3	8.5		5.8	18000		26	44		1.6	19000		260	440	J+	2.6
FEEBRIS1D-3.041-043	7/6/15 13:09	38000		430	32		8.6	2.7		1.7	470	J	8.6	2.8	J	9.1	35000	J	43	360		2.6	8300	J	430	250	J	4.3
FEEBRIS1D-3.041-043 FD	7/6/15 13:09	42000		490	42		9.9	6.2		2	1100	J	9.9	12		12	60000	J	49	390		3	15000	J	490	450	J	4.9
FEEBRIS1D-4.061-062	7/30/15 7:35	5200		560	14		11	7.5		2.2	430		11	7		1.2	16000		56	78		3.4	3100		560	450		5.6
FEEBRIS1D-4.064-065	7/30/15 7:40	12000		2500				4.3	J	9.9	12	J	50	4.3		1.2	7200		250	7.9	J	15	3600		2500	160		25
FEEBRIS1D-5.051-052	7/20/15 14:04	20000		2300	25	J	45	7.4	J	9.1	130		45	2		1.9	72000		230	59		14	3200		2300	1200		23
FEEBRIS1D-5.063-064	7/20/15 14:28	29000		600	20		12	5.1		2.4	460	J-	12	1.6		1.3	11000	J	60	190	J+	3.6	5100		600	190	J-	6
FEEBRIS1D-6.080-081	7/21/15 9:53	39000		660	14		13	7.1		2.7	5200		13	2.5		1.4	13000		66	160		4	7600		660	470		6.6
FEEBRIS1D-6.085-086	7/21/15 9:58	27000		540	13		11	2.9		2.1	6700		11	0.7	J	1.2	14000		54	360		3.2	4100		540	130		5.4
FEEBRIS1D-7.084-085	7/24/15 8:07	13000		600	14		12	520		2.4	580		12	14		1.3	6700		60	3500		3.6	3300		600	210		6
FEEBRIS1D-7.093-094	7/24/15 14:50	1800		580				3.9		2.3	3.1	J	12	0.21	J	1.2	4900		58	3.9		3.5	1400		580	50		5.8
FEEBRIS1D-8.075-076	7/29/15 9:06	83000		1500	26	J	29	9.5		5.8	1200		29	6.4		1.3	12000		150	340		8.8	21000		1500	350		15
FEEBRIS1D-8.090-091	7/29/15 9:41	7100		1300				3.2	J	5.2	36		26	0.67	J	1.2	16000		130	12		7.8	2500		1300	120		13
FEEBR1S1D-09.088-089	6/11/15 8:50	330000		1400	11		2.8	2.9		0.56	9.3		2.8	3.2		1.2	7900		14	17		0.84	26000		140	260		1.4
FEEBRIS1D-09.078-079	6/17/15 13:00	6700		1600	56		32	11		6.4	88		32	2.1	J	6.7	89000		160	380		9.5	2300		1600	580		16
FEEBRIS1D-09.099-100	6/17/15 13:14	11000		260	13		5.3	4.3		1.1	120		5.3	1.5	J	6	12000		26	140		1.6	3200		260	130		2.6
FEEBRIS1D-10.046-049	7/9/15 12:10	9700		290	22		5.8	14		1.2	29		5.8	10		6.5	20000		29	24		1.7	6800		290	520		2.9
FEEBRIS1D-10.074-076	7/12/15 10:41	5800		310	14		6.2	6.4		1.2	600	J	6.2	6.8		6.3	15000		31	230	J+	1.8	4400	J+	310	210	J+	3.1
FEEBRIS1D-11.085-086	7/2/15 10:26	140000		1200	19		4.8	8.7		0.96	170		4.8	5.5		5.4	11000		24	130		1.4	9200		240	390		2.4
FEEBRIS1D-11.087-088	7/2/15 10:40	9000		240	63		4.7	6.1		0.95	19		4.7	3.5	J	5.3	9000		24	87		1.4	1900		240	340		2.4
FEEBRIS1D-12.061-062	7/6/15 10:07	47000		450	130		9	26		1.8	290		9				170000		90	42		2.7	20000		450	1800		4.5
FEEBRIS1D-12.074-075	7/6/15 10:30	19000		320	10		6.3	4.7		1.3	19		6.3	2.1	J	7.1	17000		32	130		1.9	1600		320	150		3.2
FEEBRIS1D-13.085-086	6/12/15 14:32	11000		260	18		5.1	10		1	18		5.1	2.7		1.2	21000		26	13		1.5	6700		260	300		2.6
FEEBRIS1D-13.093-094	6/12/15 14:15	180000		530	17		11	3.8		2.1	11		11	2.9		1.1	20000	J	53	6.8		3.2	71000		530	440		5.3
FEEBRIS1D-13.093-094 FD	6/12/15 14:15	170000		1300	6.7		5	1.7		1	3	J	5	5.1	J	5.6	13000	J	25	2.4		1.5	80000		1300	330		2.5
FEEBRIS1D-14.054-056	6/12/15 14:58	4500		300	30		5.9	13		1.2	35		5.9	4.9		1.2	28000		30	16		1.8	5100		300	430		3
FEEBRIS1D-14.082-084	6/12/15 14:51	26000		250	16		5	13		1	17		5	2.8		1.1	16000		25	11		1.5	13000		250	850		2.5
FEEBRIS1D-15.077-080	7/2/15 15:50	11000		270	14		5.4	2		1.1	45		5.4	4.3	J	5.7	18000		27	45		1.6	920		270	290		2.7
FEEBRIS1D-15.085-086	7/2/15 15:22	100000		610	18		6.1	6.1		1.2	250		6.1	3.9	J	6.2	26000		30	48		1.8	26000		300	260		3
FEEBRIS1D-16.050-051	7/27/15 9:44	18000		3300	34	J	66	17		13	160		66	13		2.9	46000		330	63		20	5500		3300	1100		33
FEEBRIS1D-16.059-061	7/27/15 10:14	5100		540	5.6	J	11	5.3		2.2	4.8	J	11	0.21	J	1.3	8100		54	5.2		3.2	2300		540	100		5.4
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	5600		580				4.3		2.3	3.8	J	12	0.25	J	1.3	6900		58	4.6		3.5	2200		580	85		5.8
FEEBRIS1D-17.030-031	6/22/15 14:56	220000		3100	82		63	9.3	J	13	2500		63	2.6	J	14	140000		310	190		19	17000		3100	880		31
FEEBRIS1D-17.033-036	6/22/15 15:03	33000		2400	39	J	48	6.9	J	9.7	41	J	48	1.4	J	10	97000		240	92		15	3900		2400	660		24
FEEBRIS1D-18.013-014	6/22/15 12:47	260000		1300	12		5.2	3.3		1	5	J	5.2	2.5	J	5.5	8300		26	3.8		1.6	35000		260	160		2.6
FEEBRIS1D-18.038-041	6/22/15 12:56	4300		63	2.5		1.3	0.18	J	0.25	2.1		1.3	1.8	J	6.7	340		6.3	10		0.38	860		63	34		0.63
FEEBRIS1D-18.044-046	6/22/15 13:04	14000		290	13		5.9	8		1.2	16		5.9	2.7	J	6.1	21000		29	14		1.8	5400		290	2000		2.9
FEEBRIS1D-19.061-063	7/8/15 10:18	27000		270	12		5.4	6.5		1.1	13		5.4	9.8		5.9	10000		27	8.4		1.6	7400		270	810		2.7
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	21000		260	8.5		5.3	6.4		1.1	9.8		5.3	9.7		5.9	10000		26	8.1		1.6	7400		260	580		2.6
FEEBRIS1D-20.080-081	7/30/15 9:57	340000		2500				ND	U	10	ND	U	50	2.7		1.1	4600		250	ND	U	15	80000	J	2500	160		25
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	420000		2500				ND	U	10	ND	U	50	2.8		1.1	5000		250	ND	U	15	51000	J	2500	220		25
FEEBRIS1D-20.089.090	7/30/15 10:24	7400		1600	17	J	31	7.2		6.2	52		31	6		1.3	14000		160	46		9.3	3600		1600	280		16

Table 12: Phase 1D Soil/Waste Sample Trace Metal and Inorganic Analytical Results

Client Sample name	Sample Date	MERCURY			NICKEL			NIOBIUM			pH			POTASSIUM			SCANDIUM			SELENIUM			SILVER			SODIUM		
		Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL
FEEBRIS1D-01.007-009	6/22/15 10:07	0.027	J	0.033	17		2.8				7.91	J	0.0999	910		55	2.2	J	5.6	1.7	J	2.8				250		110
FEEBRIS1D-01.024-027	6/22/15 10:15	1.2		0.035	55		2.6				7.26	J	0.0999	420		51										510		100
FEEBRIS1D-02.020-023	6/22/15 11:20	0.023	J	0.039	20		2.9				8.08	J	0.0999	830		59	2.1	J	6	2.2	J	2.9				220		120
FEEBRIS1D-02.027-030	6/22/15 11:04	0.13		0.072	18		5.5				7.08	J	0.0995	3800		110										2100		220
FEEBRIS1D-02.036-037	6/22/15 11:30	0.029	J	0.037	21		2.9				8.67	J	0.0999	2200		59	2.2	J	6.3	1.5	J	2.9				390		120
FEEBRIS1D-3.028-029	7/6/15 11:26	0.36		0.035	23		2.6	ND	U	13	7.82	J	0.0999	780	J+	53							8.8	J-	2.1	480		110
FEEBRIS1D-3.041-043	7/6/15 13:09	0.14	J	0.058	16		4.3	ND	U	22	8.35	J	0.0992	1200		86	1.8	J	9				0.65	J	1.7	3200		170
FEEBRIS1D-3.041-043 FD	7/6/15 13:09	2.3	J	0.077	23		4.9	ND	U	25	8.29	J	0.0998	1500		99	2	J	11				0.48	J	2	3000		200
FEEBRIS1D-4.061-062	7/30/15 7:35	0.059		0.036	19		5.6	ND	U	27	8.23	J	0.1	1100		110	3.3	J	6	3.2	J	5.6				750		220
FEEBRIS1D-4.064-065	7/30/15 7:40	0.015	J	0.036	12	J	25	ND	U	130	8.59	J	0.1	1000		500	1.3	J	5.6							970	J	990
FEEBRIS1D-5.051-052	7/20/15 14:04	0.3		0.056	18	J	23	28	J	120	7.59	J	0.0997	1300		450				7.6	J	23				3100		910
FEEBRIS1D-5.063-064	7/20/15 14:28	0.4		0.041	14		6	24	J-	29	7.69	J	0.0997	780	J+	120	1.1	J	6.4				0.94	J	2.4	460		240
FEEBRIS1D-6.080-081	7/21/15 9:53	0.089		0.039	20		6.6	ND	U	34	8.8	J	0.1	1800		130				4	J	6.6	0.4	J	2.7	620		270
FEEBRIS1D-6.085-086	7/21/15 9:58	0.084		0.039	10		5.4	ND	U	27	8.44	J	0.0999	550		110							0.72	J	2.1	810		210
FEEBRIS1D-7.084-085	7/24/15 8:07	0.37		0.04	740		6				8.26	J	0.1	540		120				80		6	0.3	J	2.4	420		240
FEEBRIS1D-7.093-094	7/24/15 14:50				22		5.8				8.4	J	0.1	390		120	0.81	J	6.2	2.2	J	5.8				190	J	230
FEEBRIS1D-8.075-076	7/29/15 9:06	0.67		0.04	23		15				8.49	J	0.0999	1500		290	0.73	J	6.2	5.4	J	15				1400		580
FEEBRIS1D-8.090-091	7/29/15 9:41	0.022	J	0.036	11	J	13				8.5	J	0.0999	570		260	0.73	J	5.9							320	J	520
FEEBR1S1D-09.088-089	6/11/15 8:50	0.048		0.036	10		1.4				8.83	J	0.1	750		28				1.1	J	1.4	0.22	J	0.56	2200		56
FEEBRIS1D-09.078-079	6/17/15 13:00	0.6		0.039	100		16				7.8	J	0.0999	1000		320										3600		640
FEEBRIS1D-09.099-100	6/17/15 13:14	0.014	J	0.035	14		2.6				7.62	J	0.0999	670		53				2.6		2.6	1.7		1.1	510		110
FEEBRIS1D-10.046-049	7/9/15 12:10	0.027	J	0.042	37		2.9				7.44	J	0.0995	1700		58	3.1	J	6.4	3.3		2.9				1100		120
FEEBRIS1D-10.074-076	7/12/15 10:41	0.084		0.037	19		3.1				8.36	J	0.1	2000	J+	62	4.3	J	6.2	2.4	J	3.1	0.32	J	1.2	1200		120
FEEBRIS1D-11.085-086	7/2/15 10:26	0.056		0.034	28		2.4				8.25	J	0.0997	740		48	1.9	J	5.1	1.6	J	2.4				230		96
FEEBRIS1D-11.087-088	7/2/15 10:40	0.011	J	0.033	110		2.4				8.36	J	0.0998	510		47	0.49	J	5.2	1.2	J	2.4	0.64	J	0.95	73	J	95
FEEBRIS1D-12.061-062	7/6/15 10:07	0.29		0.06	170		4.5				7.35	J	0.0999	1100		90										1500		180
FEEBRIS1D-12.074-075	7/6/15 10:30	0.35		0.041	13		3.2				8.18	J	0.0999	450		63	1.3	J	6.9							400		130
FEEBRIS1D-13.085-086	6/12/15 14:32	0.014	J	0.036	28		2.6				7.71	J	0.1	1600		51	1.9	J	5.7	4		2.6	0.13	J	1	440		100
FEEBRIS1D-13.093-094	6/12/15 14:15				20		5.3				8.41	J	0.0999	720	J+	110	0.74	J	5.6							940		210
FEEBRIS1D-13.093-094 FD	6/12/15 14:15				9.5		2.5				8.52	J	0.0997	320		50										690		100
FEEBRIS1D-14.054-056	6/12/15 14:58	0.046		0.035	78		3				8.48	J	0.0999	1900		59	2.7	J	6	4.7		3				970		120
FEEBRIS1D-14.082-084	6/12/15 14:51	0.024	J	0.036	29		2.5				7.92	J	0.0997	1500		50	2.2	J	5.4	4.8		2.5				460		100
FEEBRIS1D-15.077-080	7/2/15 15:50	12		0.35	16		2.7				8.64	J	0.0997	1200		54										1400		110
FEEBRIS1D-15.085-086	7/2/15 15:22	0.068		0.04	21		3	ND	U	15	8.88	J	0.0995	860		61	0.72	J	6.1							1600		120
FEEBRIS1D-16.050-051	7/27/15 9:44	0.13		0.091	54		33	ND	U	170	8.57	J	0.0998	3700		660	6.1	J	14							2400		1300
FEEBRIS1D-16.059-061	7/27/15 10:14				13		5.4	ND	U	28	8.49	J	0.0998	570		110	0.97	J	6.4	1.7	J	5.4				110	J	220
FEEBRIS1D-16.059-061 FD	7/27/15 10:14				12		5.8	ND	U	30	8.49	J	0.0998	500		120	0.93	J	6.5	2.6	J	5.8				110	J	230
FEEBRIS1D-17.030-031	6/22/15 14:56	0.41		0.086	72		31	ND	U	160	7.4	J	0.101	700		630										1000	J	1300
FEEBRIS1D-17.033-036	6/22/15 15:03	0.059	J	0.064	24		24	ND	U	110	7.58	J	0.0995	1000		480										1700		970
FEEBRIS1D-18.013-014	6/22/15 12:47	0.012	J	0.035	11		2.6	ND	U	12	7.94	J	0.1	710		52	0.89	J	5.4	1.1	J	2.6				300		100
FEEBRIS1D-18.038-041	6/22/15 12:56				0.62	J	0.63	0.52	J	3.1	7.1	J	0.0997	210		13							0.038	J	0.25	520		25
FEEBRIS1D-18.044-046	6/22/15 13:04	0.024	J	0.037	21		2.9	ND	U	14	7.87	J	0.1	1500		59	2.3	J	6	2.7	J	2.9				490		120
FEEBRIS1D-19.061-063	7/8/15 10:18	0.061		0.039	18		2.7	ND	U	14	8.3	J	0.0999	990		54	1.5	J	5.8	2.1	J	2.7	0.26	J	1.1	450		110
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	0.058		0.035	16		2.6	ND	U	13	8.18	J	0.0994	1100		53	1.7	J	5.8	2.4	J	2.6				410		110
FEEBRIS1D-20.080-081	7/30/15 9:57				9.6	J	25	ND	U	120	8.27	J	0.0998	540		500										450	J	1000
FEEBRIS1D-20.080-081 FD	7/30/15 9:57				10	J	25	ND	U	120	8.26	J	0.0999	640		500										460	J	1000
FEEBRIS1D-20.089.090	7/30/15 10:24	0.071		0.042	37		16	ND	U	68	8.04	J	0.1	2000		310	2.6	J	6.3	5.2	J	16				450	J	620

Table 12: Phase 1D Soil/Waste Sample Trace Metal and Inorganic Analytical Results

Client Sample name	Sample Date	SULFATE (AS SO4)			TANTALUM			VANADIUM			ZINC		
		Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL	Result	Final Q	RL
FEEBRIS1D-01.007-009	6/22/15 10:07	150		28				24		5.5	47		28
FEEBRIS1D-01.024-027	6/22/15 10:15	480		30	1.4	J	5.1	23		5.1	420		26
FEEBRIS1D-02.020-023	6/22/15 11:20	300	J	610				20		5.9	47		29
FEEBRIS1D-02.027-030	6/22/15 11:04	5100		240							1500		55
FEEBRIS1D-02.036-037	6/22/15 11:30	38		32				24		5.9	61		29
FEEBRIS1D-3.028-029	7/6/15 11:26	170		29				14		5.3	140	J-	26
FEEBRIS1D-3.041-043	7/6/15 13:09	180		45							450	J	43
FEEBRIS1D-3.041-043 FD	7/6/15 13:09	330		58				9.3	J	9.9	2800	J	49
FEEBRIS1D-4.061-062	7/30/15 7:35	24		6.1				23		11	80		56
FEEBRIS1D-4.064-065	7/30/15 7:40	88		5.8									
FEEBRIS1D-5.051-052	7/20/15 14:04	440		190							630		230
FEEBRIS1D-5.063-064	7/20/15 14:28	250		6.5				11	J	12	300	J	60
FEEBRIS1D-6.080-081	7/21/15 9:53	160		6.8				14		13	150		66
FEEBRIS1D-6.085-086	7/21/15 9:58	92		5.9							760		54
FEEBRIS1D-7.084-085	7/24/15 8:07	76		6.3				150		12	56	J	60
FEEBRIS1D-7.093-094	7/24/15 14:50	22		6.2							16	J	58
FEEBRIS1D-8.075-076	7/29/15 9:06	250		130							270		150
FEEBRIS1D-8.090-091	7/29/15 9:41	180		6							69	J	130
FEEBR1S1D-09.088-089	6/11/15 8:50	61		5.9				10		2.8	80		14
FEEBRIS1D-09.078-079	6/17/15 13:00	1400		670							310		160
FEEBRIS1D-09.099-100	6/17/15 13:14	920		30	2.8	J	5.3	12		5.3	160		26
FEEBRIS1D-10.046-049	7/9/15 12:10	1100		32				42		5.8	71		29
FEEBRIS1D-10.074-076	7/12/15 10:41	37		31				25		6.2	110		31
FEEBRIS1D-11.085-086	7/2/15 10:26	160		27				12		4.8	200		24
FEEBRIS1D-11.087-088	7/2/15 10:40	51		26				16		4.7	110		24
FEEBRIS1D-12.061-062	7/6/15 10:07	620		49				14		9	1700		45
FEEBRIS1D-12.074-075	7/6/15 10:30	580		36				15		6.3	180		32
FEEBRIS1D-13.085-086	6/12/15 14:32	55		5.8				34		5.1	74		26
FEEBRIS1D-13.093-094	6/12/15 14:15	90		5.6				34		11	230		53
FEEBRIS1D-13.093-094 FD	6/12/15 14:15	100		28				23		5	52		25
FEEBRIS1D-14.054-056	6/12/15 14:58	73		6.1				42		5.9	86		30
FEEBRIS1D-14.082-084	6/12/15 14:51	360		110				28		5	65		25
FEEBRIS1D-15.077-080	7/2/15 15:50	100		29				5	J	5.4	420		27
FEEBRIS1D-15.085-086	7/2/15 15:22	62		31				7.8		6.1	270		30
FEEBRIS1D-16.050-051	7/27/15 9:44	390		14							210	J	330
FEEBRIS1D-16.059-061	7/27/15 10:14	10		6.4				10	J	11	25	J	54
FEEBRIS1D-16.059-061 FD	7/27/15 10:14	21		6.6				8.7	J	12	21	J	58
FEEBRIS1D-17.030-031	6/22/15 14:56	6000		1400							470		310
FEEBRIS1D-17.033-036	6/22/15 15:03	2800		1000							530		240
FEEBRIS1D-18.013-014	6/22/15 12:47	1600		550				12		5.2	38		26
FEEBRIS1D-18.038-041	6/22/15 12:56	120		33							12		6.3
FEEBRIS1D-18.044-046	6/22/15 13:04	55		30				25		5.9	63		29
FEEBRIS1D-19.061-063	7/8/15 10:18	240		30				15		5.4	54		27
FEEBRIS1D-19.061-063 FD	7/8/15 10:18	220		30				15		5.3	39		26
FEEBRIS1D-20.080-081	7/30/15 9:57	180		5.4									
FEEBRIS1D-20.080-081 FD	7/30/15 9:57	180		5.5							85	J	250
FEEBRIS1D-20.089.090	7/30/15 10:24	28		6.3							82	J	160

Notes: All units in mg/kg. Final Q = final qualifier RL = reporting limit

J = The analyte was analyzed for, and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample

J- = Same as J qualification but with an indication of negative bias in the sample concentration.

J+ = Same as J qualification but with an indication of positive bias in the sample concentration.

U = The analyte was analyzed for and is not present above the level of the associated value. The associated numerical value indicates the approximate concentration necessary to detect the analyte in the sample.

Table 13: Phase 1D Combined Radium and Thorium Results

Boring	Radium-226		Radium-228		Combined Radium 226 + 228	Combined Radium relative to 7.9 pCi/g Unrestricted Use Criteria	Thorium-230		Thorium-232		Combined Thorium 230 + 232	Combined Thorium relative to 7.9 pCi/g Unrestricted Use Criteria
	Result	Final Q	Result	Final Q			Result	Final Q	Result	Final Q		
FEEBRIS1D-01.007-009	1.082790391		0.952732933		2.04	Less than Limit	1.653058916	J+	0.394551876	J	2.05	Less than Limit
FEEBRIS1D-01.024-027	1.114593374		0.46997809	J	1.58	Less than Limit	1.205481112	J+	0.10707636	J	1.31	Less than Limit
FEEBRIS1D-02.020-023	1.264104412		1.115629175		2.38	Less than Limit	0.840946939	J+	0.451985301	J	1.29	Less than Limit
FEEBRIS1D-02.027-030	1.137890649		1.049154093		2.19	Less than Limit	0.684861277	J+	0.180947808	J	0.87	Less than Limit
FEEBRIS1D-02.036-037	1.00923728		0.851662568	J	1.86	Less than Limit	0.717583248	J+	0.700603835	J	1.42	Less than Limit
FEEBRIS1D-03.028-029	188.1165808	J+	2.142298998	U	190.26 *	Exceeds Limit	615.5832089	J+	4.067187092		619.65	Exceeds Limit
FEEBRIS1D-03.041-043	1.223922482		0.743490773		1.97	Less than Limit	1.585282575	J+	0.211288764	J	1.80	Less than Limit
FEEBRIS1D-03.041-043 FD	0.414958322		0.288492427	J	0.70	Less than Limit	0.73256831	J+	0.098055565	J	0.83	Less than Limit
FEEBRIS1D-4.061-062	1.246970442		1.148865294		2.40	Less than Limit	1.843945029	J	1.466206299	J	3.31	Less than Limit
FEEBRIS1D-4.064-065	0.858818282		0.699259715		1.56	Less than Limit	0.772619387	J	0.661495676	J	1.43	Less than Limit
FEEBRIS1D-5.051-052	53.9069697		1.346613203		55.25	Exceeds Limit	216.2941091	J	1.944227506	J	218.24	Exceeds Limit
FEEBRIS1D-5.063-064	1.064006483		0.838815708		1.90	Less than Limit	0.453329307		0.194500359	J	0.65	Less than Limit
FEEBRIS1D-6.080-081	0.590440379		1.10739677		1.70	Less than Limit	0.415323939		0.314379548		0.73	Less than Limit
FEEBRIS1D-6.085-086	0.495134714		0.47256367		0.97	Less than Limit	0.501553757	J	0.185085682	J	0.69	Less than Limit
FEEBRIS1D-7.084-085	3630.346619		31.84647358		3,662.19	Exceeds Limit	16702.66688		178.2638719		16,880.93	Exceeds Limit
FEEBRIS1D-7.093-094	1.504793545		0.608424955		2.11	Less than Limit	18.02676707		0.378056882		18.40	Exceeds Limit
FEEBRIS1D-8.075-076	4.535183507		0.942779934		5.48	Less than Limit	3.53726341	J	0.237646745	J	3.77	Less than Limit
FEEBRIS1D-8.090-091	0.506917502		0.685142254		1.19	Less than Limit	0.993345907	J	0.748326329	J	1.74	Less than Limit
FEEBRIS1D-09.078-079	0.206324213		0.16455995	U	0.37 *	Less than Limit	0.343183075	J+	0.18975831	J	0.53	Less than Limit
FEEBRIS1D-09.088-089	40.19737389	J	3.577967659	U	43.78 *	Exceeds Limit	905.5702249	J+	3.761842891	J	909.33	Exceeds Limit
FEEBRIS1D-09.099-100	0.663309208		0.476397332		1.14	Less than Limit	3.407183613	J+	0.191994687	J	3.60	Less than Limit
FEEBRIS1D-10.046-049	1.335460524		1.579740115		2.92	Less than Limit	0.462699489	J	0.330174913	J	0.79	Less than Limit
FEEBRIS1D-10.074-076	0.811126085		0.660725107		1.47	Less than Limit	0.305493273		0.318411907		0.62	Less than Limit
FEEBRIS1D-11.085-086	24.40090429	J+	1.095115181		25.50	Exceeds Limit	119.0456896	J+	1.350473553		120.40	Exceeds Limit
FEEBRIS1D-11.087-088	0.732600313		0.682461689		1.42	Less than Limit	1.379925266	J+	0.257156785	J	1.64	Less than Limit
FEEBRIS1D-12.061-062	0.575906313		-0.373682046	U	0.20 *	Less than Limit	0.727404029	J+	0.159570817	J	0.89	Less than Limit
FEEBRIS1D-12.074-075	1.018285388		1.092377488		2.11	Less than Limit	0.345366857	J+	0.166309164	J	0.51	Less than Limit
FEEBRIS1D-13.085-086	1.168202516		1.10987537		2.28	Less than Limit	0.616858813	J+	0.517163699	J	1.13	Less than Limit
FEEBRIS1D-13.093-094	4.218283721		0.462626531	J	4.68	Less than Limit	4.274256753	J+	0.262945036	J	4.54	Less than Limit
FEEBRIS1D-14.054-056	0.403135191		0.143024427	U	0.55 *	Less than Limit	0.207357516	J+	0.020623999	UJ	0.23 *	Less than Limit
FEEBRIS1D-14.082-084	1.312498625		0.866163248		2.18	Less than Limit	0.73869154	J+	0.336348506	J	1.08	Less than Limit
FEEBRIS1D-15.077-080	0.702562829		0.49364013		1.20	Less than Limit	0.196137648	J+	0.043043443	J	0.24	Less than Limit
FEEBRIS1D-15.085-086	8.821196388	J+	0.235948816	U	9.06 *	Exceeds Limit	30.85546268	J+	0.312230497	J	31.17	Exceeds Limit
FEEBRIS1D-16.050-051	33.46278754		0.978152343		34.44	Exceeds Limit	971.4632761	J	6.453576589	J	977.92	Exceeds Limit
FEEBRIS1D-16.059-061	0.577428239		0.662265847		1.24	Less than Limit	0.608147332		0.284000265		0.89	Less than Limit
FEEBRIS1D-16.059-061 FD	0.518805848		0.586628403		1.11	Less than Limit	0.369970422		0.265240118		0.64	Less than Limit
FEEBRIS1D-17.030-031	0.380563908		0.391352726	J	0.77	Less than Limit	0.354112473	J+	0.151376327	J	0.51	Less than Limit
FEEBRIS1D-17.033-036	0.748727928		0.406613577	J	1.16	Less than Limit	3.999634828	J+	0.184548227	J	4.18	Less than Limit
FEEBRIS1D-18.013-014	0.75990323		0.307908806	J	1.07	Less than Limit	0.557477108	J+	0.157148179	J	0.71	Less than Limit
FEEBRIS1D-18.038-041	0.522680011		0.262874148	U	0.79 *	Less than Limit	5.973354746	J+	0.05456943	J	6.03	Less than Limit
FEEBRIS1D-18.044-046	1.343222038		1.396908942		2.74	Less than Limit	1.294001208	J+	0.779444235	J	2.07	Less than Limit
FEEBRIS1D-19.061-063	1.16950082		1.231609719		2.40	Less than Limit	1.081112032	J	0.539415851	J	1.62	Less than Limit
FEEBRIS1D-19.061-063 FD	1.275235149	J+	1.07980236		2.36	Less than Limit	0.699277564		0.236176817	J	0.94	Less than Limit
FEEBRIS1D-20.080-081	0.714327712		0.081030069	J	0.80	Less than Limit	1.356557391	J	0.37574452	J	1.73	Less than Limit

Table 13: Phase 1D Combined Radium and Thorium Results

Boring	Radium-226		Radium-228		Combined Radium 226 + 228	Combined Radium relative to 7.9 pCi/g Unrestricted Use Criteria	Thorium-230		Thorium-232		Combined Thorium 230 + 232	Combined Thorium relative to 7.9 pCi/g Unrestricted Use Criteria
	Result	Final Q	Result	Final Q			Result	Final Q	Result	Final Q		
FEEBRIS1D-20.080-081 FD	0.834630612		0.052888608	U	0.89 *	Less than Limit	1.433110015		0.140593215	J	1.57	Less than Limit
FEEBRIS1D-20.089-090	1.32806224		1.146636919		2.47	Less than Limit	1.431419491		1.198680593		2.63	Less than Limit

Notes: All units in pCi/g. Final Q = final qualifier. * Indicates that result for one of the two isotopes was non-detect. The value with the U qualifier was used in the calculation of the combined radium or thorium.
indicates that combined value is greater than the unrestricted use criteria established by EPA
J = The analyte was analyzed for, and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample
J+ = Same as J qualification but with an indication of positive bias in the sample concentration.
U = The analyte was analyzed for and is not present above the level of the associated value. The associated numerical value indicates the approximate concentration necessary to detect the analyte in the sample

Table 14: Depth of Waste and FIll Materials in Area 1

Borehole ID	Northing	Easting	Ground Elevation (feet AMSL)	Depth to Base of Refuse (feet bgs)	Elevation Base of Refuse (feet, AMSL)
Sonic 1-2	1,068,783.10	515,878.50	472.6	30	442.6
Sonic 2-2	1,068,876.80	515,926.20	475.2	47.5	427.7
Sonic 5-3	1,068,986.80	516,093.80	474.4	48	426.4
Sonic 8-1	1,069,041.00	516,368.60	479.8	43	436.8
Sonic 13-3	1,069,232.10	516,662.30	472.6	46	426.6
Sonic 14-2	1,069,251.00	516,701.50	474.6	50	424.6
Sonic 14-5	1,069,122.90	516,777.90	472.9	86	386.9
Sonic 14-7	1,069,027.70	516,848.60	473.3	98	375.3
Sonic 15-2	1,069,281.00	516,768.90	476.5	28	448.5
Sonic 16-6	1,069,155.40	516,938.70	477.1	18	459.1
Sonic 1C-6	1,068,689.00	515,936.00	469.2	26	443.2
Sonic WL-119	1,069,018.00	516,296.40	479.2	49	430.2
Sonic 1D-1S	1,069,074.23	515,747.36	462.6	31	431.6
Sonic 1D-2S	1,068,990.15	515,784.26	468.6	31	437.6
Sonic 1D-3S	1,068,968.60	515,882.93	472.3	41.5	430.8
Sonic 1D-4S	1,068,804.86	516,101.30	496.4	64.5	431.9
Sonic 1D-5S	1,068,657.73	516,040.32	487.8	62.5	425.3
Sonic 1D-6S	1,068,732.99	516,160.95	512.7	84	428.7
Sonic 1D-7S	1,068,653.59	516,157.91	513.3	89	424.3
Sonic 1D-8S	1,068,810.60	516,238.03	516.7	90	426.7
Sonic 1D-9S	1,068,678.25	516,223.76	518.9	99.5	419.4
Sonic 1D-10S	1,068,898.79	516,318.54	503.1	76	427.1
Sonic 1D-11S	1,068,739.04	516,311.22	522.3	99	423.3
Sonic 1D-12S	1,068,880.80	516,434.95	505.9	71.5	434.4
Sonic 1D-13S	1,068,786.08	516,399.33	520.5	80	440.5
Sonic 1D-14S	1,068,730.27	516,381.88	522.5	79	443.5
Sonic 1D-15S	1,068,611.68	516,196.26	516.1	89.5	426.6
Sonic 1D-16S	1,068,620.17	516,047.60	485.6	59	426.6
Sonic 1D-17S	1,068,865.42	515,846.05	472.9	33.5	439.4
Sonic 1D-18S	1,068,573.85	516,056.13	482.0	44	438.0
Sonic 1D-19S	1,068,620.71	516,259.11	521.1	85	436.1
Sonic 1D-20S	1,068,540.26	516,226.62	517.7	79	438.7
WL-101	1,069,549.60	516,317.20	456.5	17	439.5
WL-102	1,069,260.50	515,974.00	462.8	23	439.8
WL-105A	1,069,136.30	515,871.60	467.2	30	437.2
WL-105B	1,069,148.40	515,889.50	466.0	30	436.0
WL-105C	1,069,155.80	515,901.00	465.7	30	435.7
WL-106A	1,069,317.30	516,061.90	465.4	24	441.4
WL-107	1,068,909.50	516,254.30	486.1	51	435.1
WL-109B	1,068,947.20	516,523.20	484.5	48.9	435.6
WL-109C	1,068,961.10	516,528.40	483.9	48	435.9
WL-109D	1,068,947.40	516,505.00	485.6	56	429.6
WL-110	1,068,889.00	516,645.00	484.4	50	434.4
WL-111	1,069,187.40	516,583.60	474.5	50	424.5
WL-112	1,069,379.40	516,628.20	467.6	38	429.6
WL-113	1,069,483.20	516,470.00	467.0	42.5	424.5
WL-114	1,069,391.40	516,338.60	468.3	40	428.3
WL-115	1,069,299.00	516,395.10	468.9	34	434.9
WL-117	1,069,237.40	516,221.30	467.6	37	430.6
WL-119	1,069,031.10	516,289.30	477.4	44	433.4
			Miniumum	17	
			Average	53.0	
			Maximum	99.5	

Note: This table contains information provided by PJ Carey and Associates, Inc. using interpretations from the GCPT data for which the depths presented are interpretative and should be considered approximate.

Table 15: Phase 1A and 1B GCPT Interpreted Water Levels

Borehole ID	Northing ft	Easting ft	Water Level Feet (MSL)	Source
GCPT 13-4S	1,069,195.80	516,676.00	429.1	est. from dynamic u.
GCPT 13-7S	1,069,028.50	516,763.20	430.2	est. from dynamic u.
GCPT 1C-11	1,068,838.90	516,151.90	464.4	est. from dynamic u.
GCPT 1C-13A	1,068,982.20	516,321.90	434.1	est. from dynamic u.
GCPT 1C-2	1,068,737.80	515,904.40	430.3	est. from dynamic u.
GCPT 1C-2RA	1,068,733.90	515,907.20	430.0	est. from dynamic u.
GCPT 1C-3	1,068,779.00	515,991.40	446.1	est. from dynamic u.
GCPT 1C-4	1,068,832.90	516,068.80	434.1	est. from dynamic u.
GCPT 1C-7	1,068,646.90	515,958.20	435.6	est. from dynamic u.
GCPT 1C-9	1,068,746.50	516,049.90	445.2	est. from dynamic u.
GCPT 2-2C	1,068,878.50	515,931.10	432.3	est. from dynamic u.
GCPT 2-4	1,068,863.20	515,948.70	431.6	est. from dynamic u.
GCPT PVC-28A	1,069,253.60	516,490.70	448.2	est. from dynamic u.
GCPT WL-108	1,069,142.10	516,389.00	420.4	est. from dynamic u.
GCPT WL-111A	1,069,183.70	516,592.40	431.7	from ppd
GCPT WL-119	1,069,021.00	516,294.20	442.0	from ppd
GCPT-10-1	1,069,190.50	516,433.00	430.1	est. from dynamic u.
GCPT-10-2	1,069,140.60	516,449.80	421.0	from ppd
GCPT-11-2	1,069,168.00	516,518.20	430.8	est. from dynamic u.
GCPT-11-3	1,069,137.50	516,551.10	429.3	from ppd
GCPT-11-4	1,069,072.80	516,565.50	433.7	est. from dynamic u.
GCPT-1-1A	1,068,820.40	515,834.90	434.0	est. from dynamic u.
GCPT-1-2	1,068,777.60	515,870.30	436.7	est. from dynamic u.
GCPT-12-2	1,069,198.10	516,592.80	430.1	from ppd
GCPT-12-3	1,069,163.50	516,608.90	426.5	from ppd
GCPT-12-4	1,069,124.70	516,619.70	429.4	est. from dynamic u.
GCPT-15-1	1,069,362.50	516,757.40	424.8	est. from dynamic u.
GCPT-16-8	1,069,073.90	517,002.50	456.9	est. from dynamic u.
GCPT-2-1	1,068,905.80	515,882.10	429.8	est. from dynamic u.
GCPT-3-1A	1,068,944.00	515,949.30	436.2	est. from dynamic u.
GCPT-3-2	1,068,866.40	516,006.00	442.0	est. from dynamic u.
GCPT-4-1	1,068,941.60	516,007.70	425.4	est. from dynamic u.
GCPT-4-2	1,068,880.90	516,038.00	430.0	est. from dynamic u.
GCPT-5-1	1,069,052.60	516,101.80	435.6	est. from dynamic u.
GCPT-5-2	1,069,012.10	516,040.90	430.3	est. from dynamic u.
GCPT-5-3	1,068,985.50	516,093.30	436.7	est. from dynamic u.
GCPT-6-2	1,069,108.90	516,196.50	430.0	est. from dynamic u.
GCPT-6-3	1,069,036.50	516,180.80	434.0	est. from dynamic u.
GCPT-6-5	1,068,969.60	516,218.30	428.6	est. from dynamic u.
GCPT-7-1	1,069,155.50	516,310.80	422.9	est. from dynamic u.
GCPT-7-3	1,069,013.00	516,308.30	432.2	est. from dynamic u.
GCPT-9-1	1,069,152.00	516,357.00	425.3	est. from dynamic u.
GCPT-9-2	1,069,098.60	516,379.30	421.9	est. from dynamic u.

Notes:
1. ppd - refers to static head determined by pore pressure dissipation test
2. Estimated from dynamc u. - values obtained by evaluating pore pressure measured while cone is advancing. These are less certain.
3. GCPT values not reported for soundings where alluvium was not depicted or where no water level was identified

Table 16: Summary of Downhole Gamma Logging Results

Boring	Northing	Easting	Ground Surface Elevation (ft amsl)	Total Depth (ft)	Total Depth Elevation (ft amsl)	Depth of Base of Waste (ft)	Elevation of Base of Waste (ft amsl)	Depth of Peak Gamma Value (ft)	Elevation of Peak Gamma Value (ft amsl)	Peak Gamma Value (cpm)	Depth to Top of Elevated Gamma Interval (ft)	Elevation Top of Elevated Gamma Interval (ft amsl)	Depth to Bottom of Elevated Gamma (ft)	Elevation of Bottom of Elevated Gamma Interval (ft amsl)	Thickness of Elevated Gamma Interval (ft)	1975 Estimated Elevation (ft amsl)	1971 Estimated Elevation (ft amsl)
GCPT 1-1	1068826.6	515829.0	471.0	22.1	448.9			1.1	469.9	6,258						442.6	444.1
GCPT 1-1A	1068820.4	515835.2	471.0	39.7	431.3			32.5	438.5	7,464						442.5	443.7
GCPT 1-2	1068777.7	515870.6	471.7	40.4	431.3			24.4	447.3	67,878	23.5	448.2	25.2	446.5	1.7	442.1	443.9
GCPT 2-1	1068905.8	515882.1	472.8	50.9	421.9			3.3	469.5	5,610						454.6	439.7
GCPT 2-2	1068879.3	515916.5	474.9	8.7	466.2			1.5	473.4	6,294						452.4	437.4
GCPT 2-2A	1068874.3	515928.3	475.3	9.4	465.9			1.5	473.8	5,766						453.8	436.9
GCPT 2-3	1068819.1	515941.6	476.6	1	475.6					BKGD						444.9	435.3
GCPT 2-3A	1068819.1	515941.6	476.6	39.4	437.2			35.6	441.0	34,722	35	441.6	36.8	439.8	1.8	444.9	435.3
GCPT 2-2B	1068874.3	515928.3	475.3	43.1	432.2			34	441.3	96,000	33.2	442.1	34.7	440.6	1.5	453.8	436.9
GCPT 2-2C	1068878.5	515931.1	475.3	44.9	430.4			32.5	442.8	18,906	31.8	443.5	32.7	442.6	0.9	454.8	436.5
GCPT 2-4	1068863.2	515948.7	476.6	53.3	423.3			29.4	447.2	10,320						455.0	434.8
GCPT 3-1	1068944.0	515949.3	474.9	7.4	467.5			4.4	470.5	5,724						463.7	433.9
GCPT 3-1A	1068944.0	515949.3	474.9	41.2	433.7			27.7	447.2	78,810	27	447.9	28.5	446.4	1.5	463.7	433.9
GCPT 3-2	1068866.4	516006.0	479.0	48.1	430.9			1	478.0	6,186						461.3	433.0
GCPT 4-1	1068941.6	516007.7	474.4	53.1	421.3			28.9	445.5	488,196	27.5	446.9	31	443.4	3.5	464.1	432.6
GCPT 4-2	1068880.9	516038.0	479.0	52.8	426.2			34	445.0	40,644	33.5	445.5	34.5	444.5	1.0	460.5	432.6
GCPT 5-1	1069052.6	516101.8	473.6	41	432.6			25.1	448.5	126,738	23.2	450.4	25.8	447.8	2.6	471.9	432.0
GCPT 5-2	1069012.1	516040.9	473.3	51.2	422.1			26.2	447.1	114,684	25.2	448.1	27	446.3	1.8	469.4	432.0
GCPT 5-3	1068985.5	516093.3	474.7	44.3	430.4			29.4	445.3	631,662	25.5	449.2	33	441.7	7.5	468.4	432.0
GCPT 5-4	1068925.0	516116.6	478.2	7.7	470.5			1.3	476.9	5,310						464.8	432.0
GCPT 5-4A	1068931.2	516116.5	478.0	46.3	431.7			11.8	466.2	8,820						465.0	432.0
GCPT 5-5	1068953.9	516113.2	476.7	47.9	428.8			32.2	444.5	450,360	30.1	446.6	34.4	442.3	4.3	465.5	432.0
GCPT 5-6	1068998.4	516126.4	474.7	45.1	429.6			27.4	447.3	405,864	25.5	449.2	29	445.7	3.5	469.0	432.0
GCPT 6-2	1069108.9	516196.5	473.0	48.7	424.3			13.3	459.7	6,258						471.0	436.0
GCPT 6-3	1069036.5	516180.8	474.0	45.1	428.9			27.9	446.1	103,218	27.2	446.8	28.8	445.2	1.6	470.1	436.3
GCPT 6-4	1068976.4	516208.6	482.7	25.6	457.1			3.1	479.6	4,434						465.8	433.8
GCPT 6-5	1068969.6	516218.3	482.6	60	422.6			3.3	479.3	6,108						465.8	435.5
GCPT 6-6	1069012.5	516193.4	475.2	41.7	433.5			28.1	447.1	191,856	26	449.2	29	446.2	3.0	468.3	435.0
GCPT 7-1	1069155.5	516310.8	470.9	52	418.9			7.9	463.0	6,204						471.8	441.0
GCPT 7-2	1069085.7	516269.3	472.6	50	422.6			4.9	467.7	6,012						470.9	435.9
GCPT 7-3	1069013.0	516308.3	479.2	54.5	424.7			40	439.2	12,558						466.0	436.1
GCPT 8-1	1069039.2	516366.5	479.7	57.1	422.6			29	450.7	19,854	27.5	452.2	30	449.7	2.5	470.0	441.1
GCPT 9-1	1069152.0	516357.3	470.3	47.6	422.7			6.2	464.1	8,280						471.5	440.5
GCPT 9-2	1069098.6	516379.6	472.1	54	418.1			16.9	455.2	5,826						470.8	440.4
GCPT 9-3	1069055.6	516401.1	479.6	4.9	474.7			1.8	477.8	3,642						470.2	441.2
GCPT 9-3A	1069049.4	516404.6	479.2	55.9	423.3			15.3	463.9	6,228						470.1	441.2
GCTP 9-4	1069113.5	516407.0	471.4	52.7	418.7			2.1	469.3	5,622						470.7	440.1
GCPT 10-1	1069190.5	516433.0	471.1	47.6	423.5			1.6	469.5	6,828						472.0	441.6
GCPT 10-2	1069140.6	516449.8	472.3	53.1	419.2			7.5	464.8	6,486						470.4	437.0
GCPT 10-3	1069074.6	516465.6	485.3	4.9	480.4			1.6	483.7	4,074						466.9	440.0
GCPT 10-3A	1069075.4	516462.9	485.4	7.2	478.2			3.4	482.0	4,890						467.4	440.0
GCPT 10-4	1069060.4	516474.7	483.6	2.6	481.0					BKGD						463.8	440.0
GCPT 10-4A	1069061.2	516477.9	483.6	54.1	429.5			14.9	468.7	6,642						463.2	440.0
GCPT 11-1	1069222.9	516503.6	479.8	50.9	428.9			0.2	479.6	9,210						472.0	440.4
GCPT 11-2	1069168.0	516518.2	474.8	52.2	422.6			15.4	459.4	7,614						471.3	443.6
GCPT 11-3	1069137.5	516551.1	476.6	53.5	423.1			6.1	470.5	6,858						458.3	443.0

Table 16: Summary of Downhole Gamma Logging Results

Boring	Northing	Easting	Ground Surface Elevation (ft amsl)	Total Depth (ft)	Total Depth Elevation (ft amsl)	Depth of Base of Waste (ft)	Elevation of Base of Waste (ft amsl)	Depth of Peak Gamma Value (ft)	Elevation of Peak Gamma Value (ft amsl)	Peak Gamma Value (cpm)	Depth to Top of Elevated Gamma Interval (ft)	Elevation Top of Elevated Gamma Interval (ft amsl)	Depth to Bottom of Elevated Gamma (ft)	Elevation of Bottom of Elevated Gamma Interval (ft amsl)	Thickness of Elevated Gamma Interval (ft)	1975 Estimated Elevation (ft amsl)	1971 Estimated Elevation (ft amsl)
GCPT 11-4	1069072.8	516565.5	482.7	50.7	432.0			45.9	436.8	9,792						444.3	432.0
GCPT 12-1	1069249.3	516567.6	479.4	34.1	445.3			24.1	455.3	308,106	22	457.4	24.9	454.5	2.9	472.0	440.1
GCPT 12-2	1069198.1	516592.8	476.0	54.1	421.9			1.3	474.7	6,546						464.2	440.7
GCPT 12-3	1069163.5	516608.9	475.9	55.4	420.5			4.1	471.8	7,476						450.3	441.3
GCPT 12-4	1069124.7	516619.7	476.4	57.4	419.0			38.5	437.9	7,374						444.2	441.5
GCPT 12-5	1069091.2	516638.7	478.5	42.2	436.3			7.5	471.0	6,432						436.7	439.3
GCPT 12-6	1069031.3	516650.6	479.0	62.7	416.3			23.1	455.9	6,378						390.0	439.9
GCPT 13-1	1069279.4	516642.0	470.9	22.1	448.8			15.4	455.5	28,302	15	455.9	16.3	454.6	1.3	472.0	438.8
GCPT 13-2	1069258.1	516646.3	471.5	3.9	467.6			0.8	470.7	2,490						470.1	439.6
GCPT 13-2A	1069256.4	516650.4	471.8	4.8	467.0			1.6	470.2	3,162						468.9	439.3
GCPT 13-3	1069242.5	516658.3	472.2	4.1	468.1			1.3	470.9	2,520						463.5	437.9
GCPT 13-4	1069194.6	516676.5	474.0	2.3	471.7					BKGD						459.7	438.0
GCPT 13-4S	1069195.8	516676.0	474.1	48.6	425.5			36.6	437.5	6,120						460.5	437.4
GCPT 13-5	1069148.4	516695.0	475.4	3.1	472.3			0.3	475.1	1,872						434.1	436.2
GCPT 13-5S	1069148.5	516697.1	475.5	41.3	434.2			11.5	464.0	5,682						434.0	436.3
GCPT 13-6	1069094.3	516722.1	475.9	8.5	467.4			3.4	472.5	5,802						390.0	439.5
GCPT 13-6S	1069094.3	516722.1	476.0	59.7	416.3			23.8	452.2	6,552						390.0	439.5
GCPT 13-7	1069028.3	516764.5	474.3	14.3	460.0			1.6	472.7	5,964						390.0	449.6
GCPT 13-7S	1069028.5	516763.2	474.2	49.4	424.8			20.8	453.4	6,366						390.0	449.6
GCPT 14-1	1069289.8	516676.9	474.2	47.6	426.6			18.9	455.3	29,640	18.3	455.9	19.6	454.6	1.3	469.4	439.5
GCPT 14-2	1069248.8	516703.0	474.5	4.1	470.4			1.1	473.4	3,600						462.8	438.1
GCPT 14-3	1069218.2	516720.7	473.7	1.3	472.4					BKGD						447.0	436.0
GCPT 14-3S	1069218.9	516719.9	473.7	45.8	427.9			36.6	437.1	6,708						447.7	436.0
GCPT 14-4	1069177.0	516745.0	474.6	2.6	472.0					BKGD						435.5	437.5
GCPT 14-5	1069125.9	516777.9	473.3	11.5	461.8			1.6	471.7	5,772						397.3	443.1
GCPT 14-5S	1069125.8	516777.3	473.3	26.4	446.9			15.4	457.9	5,880						397.1	443.1
GCPT 14-6	1069077.3	516811.1	472.7	10.8	461.9			7.4	465.3	6,654						390.0	447.8
GCPT 14-6S	1069077.3	516809.5	472.8	76.1	396.7			14.9	457.9	6,330						390.0	447.5
GCPT 14-7	1069029.0	516850.8	473.1	2.8	470.3			0.2	472.9	1,338						400.0	455.0
GCPT 15-1	1069362.5	516757.4	453.8	35.6	418.2			20.3	433.5	11,940						440.0	443.9
GCPT 15-2	1069277.2	516767.4	477.3	4.9	472.4			1.6	475.7	3,222						450.1	447.0
GCPT 15-3	1069247.6	516788.3	474.0	36.1	437.9			30.5	443.5	9,828						438.1	442.5
GCPT 15-4	1069209.9	516811.9	473.1	40.2	432.9			29.4	443.7	8,400						440.1	441.9
GCPT 15-5	1069166.5	516848.3	469.2	60.4	408.8			57.7	411.5	7,098						417.8	447.7
GCPT 15-6	1069125.1	516878.8	468.8	42.3	426.5			2.6	466.2	7,098						417.7	450.7
GCPT 15-7	1069083.7	516906.2	472.1	56.8	415.3			2.5	469.6	6,444						413.4	452.8
GCPT 15-8	1069046.0	516931.5	473.8	29.7	444.1			2.3	471.5	8,724						421.1	454.9
GCPT 16-1	1069393.7	516784.7	451.2	31.8	419.4			7.2	444.0	9,228						440.0	444.3
GCPT 16-2	1069365.0	516787.1	453.1	24.9	428.2			1.8	451.3	6,948						440.0	444.8
GCPT 16-3	1069262.2	516837.7	471.3	30.8	440.5			2.3	469.0	6,744						444.0	449.9
GCPT 16-4	1069234.2	516866.4	472.5	43.8	428.7			3	469.5	7,446						448.2	454.9
GCPT 16-5	1069196.9	516903.9	474.0	22	452.0			4.8	469.2	6,864						453.3	460.1
GCPT 16-6	1069158.0	516935.3	476.8	25.4	451.4			13.6	463.2	6,600						457.2	463.4
GCPT 16-7	1069114.1	516970.9	479.8	30	449.8			2.6	477.2	6,414						462.2	466.4
GCPT 16-8	1069073.9	517002.5	481.9	26.9	455.0			20.7	461.2	6,648						467.4	468.9
GCPT 1C-1	1068771.6	515837.9	463.7	19.8	443.9			3	460.7	5,256						443.3	445.2

Table 16: Summary of Downhole Gamma Logging Results

Boring	Northing	Easting	Ground Surface Elevation (ft amsl)	Total Depth (ft)	Total Depth Elevation (ft amsl)	Depth of Base of Waste (ft)	Elevation of Base of Waste (ft amsl)	Depth of Peak Gamma Value (ft)	Elevation of Peak Gamma Value (ft amsl)	Peak Gamma Value (cpm)	Depth to Top of Elevated Gamma Interval (ft)	Elevation Top of Elevated Gamma Interval (ft amsl)	Depth to Bottom of Elevated Gamma (ft)	Elevation of Bottom of Elevated Gamma Interval (ft amsl)	Thickness of Elevated Gamma Interval (ft)	1975 Estimated Elevation (ft amsl)	1971 Estimated Elevation (ft amsl)
GCPT 1C-1A	1068766.6	515841.4	463.6	19.8	443.8			3.1	460.5	5,988						443.3	445.1
GCPT 1C-2	1068737.8	515904.4	472.3	44.1	428.2					BKGD						441.7	443.1
GCPT 1C-2R	1068733.9	515907.2	472.5	43.1	429.4			30.3	442.2	31,290	29.6	442.9	32	440.5	2.4	441.4	443.1
GCPT 1C-3	1068779.0	515991.4	486.4	42.3	444.1			22	464.4	6,576						443.4	437.2
GCPT 1C-4	1068832.9	516068.8	486.1	57.7	428.4					BKGD						453.8	432.0
GPCT 1C-4R	1068835.1	516070.9	486.0	54.3	431.7			43.8	442.2	22,638	43.4	442.6	44	442.0	0.6	454.3	432.0
GCPT 1C-5	1068986.6	516413.5	479.0	0.7	478.3					BKGD						463.4	438.9
GCPT 1C-5A	1068986.6	516413.5	479.0	53.6	425.4			15.1	463.9	6,516						463.4	438.9
GCPT 1C-6	1068691.8	515934.8	468.8	27.1	441.7			22.1	446.7	84,810	21.4	447.4	23.2	445.6	1.8	442.0	442.5
GCPT 1C-6T	1068685.9	515938.7	468.9	26.2	442.7			22.8	446.1	90,390	22	446.9	24	444.9	2.0	442.2	443.0
GCPT 1C-6T1	1068684.1	515939.6	468.9	26.6	442.3			23.5	445.4	171,774	22.5	446.4	23.6	445.3	1.1	442.3	443.3
GCPT 1C-7	1068646.9	515958.2	468.6	36.1	432.5			4.3	464.3	6,978						443.2	444.2
GCPT 1C-8	1068728.3	516014.9	491.2	42	449.2			3	488.2	6,144						439.5	437.1
GCPT 1C-9	1068746.5	516049.9	495.2	53.6	441.6			10.4	484.8	6,360						447.0	432.3
GCPT 1C-10	1068797.8	516095.9	496.5	42.7	453.8			11.8	484.7	6,276						450.0	433.8
GCPT 1C-11	1068838.9	516151.9	496.9	36.4	460.5			3	493.9	6,516						459.2	432.0
GCPT 1C-12	1068865.9	516200.9	500.1	60.7	439.4			56.3	443.8	57,414	55.7	444.4	57	443.1	1.3	463.6	432.0
GCPT 1C-13	1068982.2	516321.9	480.1	47.1	433.0			34.1	446.0	6,438						465.2	435.6
GCPT-108	1069142.1	516389.0	470.4	57.3	413.1			2	468.4	6,408						471.1	437.9
GCPT-111A	1069183.7	516592.4	475.7	52.3	423.4			25.9	449.8	9,564						459.4	441.0
GCPT-119	1069021.0	516294.2	478.6	49.9	428.7			45.6	433.0	14,616						467.8	436.8
PVC-28	1069255.0	516488.9	473.1					14	459.1	132,000	12	461.1	17	456.1	5.0	472.0	439.3
GCPT-28A	1069253.6	516490.7	480.5	38.5	442.0			24.9	455.6	82,512	24.2	456.3	25.6	454.9	1.4	472.0	439.2
GCPT-36	1069217.9	516193.7	465.0	18	447.0			8.5	456.5	19,470	7.8	457.2	8.8	456.2	1.0	472.0	437.0
GCPT-25	1069345.4	516405.4	465.3	30.8	434.5			8.4	456.9	74,880	7.3	458.0	9.8	455.5	2.5	472.0	439.8
PVC-25	1069345.0	516406.6	467.7					9	458.7	72,000	7	460.7	11	456.7	4.0	472.0	439.8
PVC-25R	1069345.4	516405.4	465.3	30	435.3			9.5	455.8	74,562	8.3	457.0	10.9	454.4	2.6	472.0	439.8
1D-1	1069085.2	515745.0	462.5	35.1	427.4			8.9	453.6	6,288						454.0	458.0
1D-2	1068999.1	515778.2	468.4	23.3	445.1			5.9	462.5	5,142						445.7	462.0
1D-3	1068972.3	515874.2	472.1	46.1	426.0			27.4	444.7	390,720	25.5	446.6	29.5	442.6	4.0	463.8	444.3
1D-4	1068794.5	516092.1	496.4	64.5	431.9			55.8	440.6	14,154						449.6	434.1
1D-5	1068649.8	516043.5	487.6	70	417.6			55.1	432.5	143,724	54.1	433.5	56.2	431.4	2.1	439.6	432.0
1D-6	1068727.5	516153.0	512.5	82.8	429.7			3.9	508.6	6,834						447.4	432.0
1D-7	1068647.2	516155.9	512.8	87.8	425.0			82.8	430.0	775,560	80.2	432.6	85.5	427.3	5.3	437.6	440.1
1D-8	1068818.2	516243.6	517.2	78.1	439.1			75.3	441.9	44,028	74.7	442.5	75.6	441.6	0.9	456.1	432.0
1D-8A	1068820.7	516250.6	517.3	79.7	437.6			2.6	514.7	6,318						456.5	432.0
1D-9	1068667.9	516221.7	518.6	70.7	447.9			58.6	460.0	13,236						437.8	439.6
1D-9A	1068662.9	516220.9	518.6	78.2	440.4			56.8	461.8	14,508						437.4	439.7
1D-10	1068897.5	516306.8	503.7	77.8	425.9			38.9	464.8	7,554						464.3	432.0
1D-11	1068733.0	516319.2	523.0	83.3	439.7			1.8	521.2	5,970						439.9	432.0
1D-11A	1068728.1	516324.6	522.8	72.5	450.3			1.6	521.2	6,648						439.7	432.0
1D-12	1068878.3	516446.2	505.6	85.1	420.5			29.4	476.2	6,054						444.0	432.0
1D-13	1068807.8	516405.2	520.2	79.9	440.3			36.4	483.8	7,980						443.4	432.0
1D-13A	1068807.9	516397.5	520.2	15.4	504.8			2.1	518.1	5,934						444.8	432.0
1D-13B	1068807.6	516392.1	520.4	35.6	484.8			7.1	513.3	5,964						445.8	432.0
1D-13C	1068808.2	516414.2	519.9	75.3	444.6			2.5	517.4	6,432						442.0	434.3

Table 16: Summary of Downhole Gamma Logging Results

Boring	Northing	Easting	Ground Surface Elevation (ft amsl)	Total Depth (ft)	Total Depth Elevation (ft amsl)	Depth of Base of Waste (ft)	Elevation of Base of Waste (ft amsl)	Depth of Peak Gamma Value (ft)	Elevation of Peak Gamma Value (ft amsl)	Peak Gamma Value (cpm)	Depth to Top of Elevated Gamma Interval (ft)	Elevation Top of Elevated Gamma Interval (ft amsl)	Depth to Bottom of Elevated Gamma (ft)	Elevation of Bottom of Elevated Gamma Interval (ft amsl)	Thickness of Elevated Gamma Interval (ft)	1975 Estimated Elevation (ft amsl)	1971 Estimated Elevation (ft amsl)
1D-14	1068737.3	516389.5	522.0	97	425.0			2.5	519.5	5,952						438.7	440.0
1D-15	1068600.2	516195.0	516.7	93.8	422.9			89.6	427.1	16,194	89.4	427.3	89.7	427.0	0.3	437.2	439.4
1D-16	1068604.6	516049.5	484.8	51.2	433.6			46.9	437.9	68,700	46	438.8	48	436.8	2.0	439.7	436.8
1D-16A	1068611.3	516048.7	485.2	52.5	432.7			49.9	435.3	17,712	49.7	435.5	49.9	435.3	0.2	439.8	435.5
1D-17	1068872.4	515831.0	472.5	26.2	446.3			4.1	468.4	4,938						444.4	440.2
1D-17A	1068870.0	515836.4	472.5	40.2	432.3			17.7	454.8	5,496						444.6	440.5
1D-18	1068551.1	516059.9	481.0	14.6	466.4			10.2	470.8	7,224						442.3	443.1
1D-18A	1068545.4	516060.4	480.5	57.1	423.4			41.3	439.2	6,984						442.6	443.4
1-2	1068783.1	515878.5	472.6	43	429.6	30	442.6	33	439.6	4,271						440.9	441.5
2-2	1068876.8	515926.2	475.2	54	421.2	48	427.2	32	443.2	4,354						453.8	437.7
5-3	1068986.8	516093.8	474.4	53	421.4	48	426.4	29.5	444.9	336,937	26	448.4	32.5	441.9	6.5	468.6	432.0
8-1	1069041.0	516368.6	479.8	53	426.8	43	436.8	28	451.8	4,821						470.1	441.1
12-5	1069087.1	516641.3	478.9	49	429.9	45	433.9	14	464.9	3,864						437.1	439.0
13-3	1069232.1	516662.3	472.6	54	418.6	46	426.6	16.5	456.1	3,607						461.3	437.5
13-6	1069093.5	516723.8	475.9	89	386.9	86.1	389.8	24.5	451.4	3,902						390.0	439.6
14-2	1069251.0	516701.5	474.6	58	416.6	50	424.6	27.5	447.1	4,008						463.7	438.2
14-4	1069179.6	516743.2	474.4	48	426.4	38	436.4	9	465.4	3,888						435.2	437.3
14-5	1069122.9	516777.9	472.9	89	383.9	86	386.9	13.5	459.4	3,454						395.7	443.3
14-7	1069027.7	516848.6	473.3	109	364.3	98	375.3	31.5	441.8	3,637						400.0	455.0
15-2	1069281.0	516768.9	476.5	51	425.5	28	448.5	26	450.5	5,184						450.8	449.0
16-3	1069267.1	516837.3	470.7	38	432.7	28	442.7	20	450.7	4,118						444.9	449.8
16-6	1069155.4	516938.7	477.1	34	443.1	18	459.1	14	463.1	3,841						458.2	463.7
1C-6	1068689.0	515936.0	469.2	93	376.2	26	443.2	22.5	446.7	53,732	20	449.2	25.5	443.7	5.5	442.1	442.8
WL-119	1069018.0	516296.4	479.2	57	422.2	49	430.2	32.5	446.7	7,941						467.1	436.7
1D-1S	1069074.2	515747.4	462.6	39	423.6	31	431.6	6.5	456.1	3,382						451.1	458.0
1D-2S	1068990.2	515784.3	468.6	39	429.6	31	437.6	19.5	449.1	4,001						445.9	462.0
1D-3S	1068968.6	515882.9	472.3	49	423.3	41.5	430.8	27	445.3	204,471	20.5	451.8	30	442.3	9.5	463.4	439.1
1D-4S	1068804.9	516101.3	496.4	69	427.4	64.5	431.9	12.5	483.9	4,349						450.9	433.7
1D-5S	1068657.7	516040.3	487.8	69	418.8	62.5	425.3	53	434.8	12,059	51.5	436.3	56	431.8	4.5	439.9	432.0
1D-6S	1068733.0	516161.0	512.7	89	423.7	84	428.7	11	501.7	3,749						448.2	432.0
1D-7S	1068653.6	516157.9	513.3	94	419.3	89	424.3	82.5	430.8	1,503,082	74	439.3	89	424.3	15.0	437.9	440.1
1D-8S	1068810.6	516238.0	516.7	99	417.7	90	426.7	73	443.7	6,869	72	444.7	74	442.7	2.0	454.7	432.0
1D-9S	1068678.2	516223.8	518.9	104	414.9	99.5	419.4	87.5	431.4	1,174,844	81.5	437.4	96.5	422.4	15.0	438.8	439.7
1D-10S	1068898.8	516318.5	503.1	84	419.1	76	427.1	37.5	465.6	3,942						464.0	432.0
1D-11S	1068739.0	516311.2	522.3	106	416.3	99	423.3	84	438.3	16,554	82	440.3	85	437.3	3.0	441.2	432.0
1D-12S	1068880.8	516434.9	505.9	89	416.9	71.5	434.4	29.5	476.4	4,173						446.5	432.0
1D-13S	1068786.1	516399.3	520.5	99	421.5	80	440.5	42	478.5	4,304						441.5	433.6
1D-14S	1068730.3	516381.9	522.5	89	433.5	79	443.5	43.5	479.0	4,010						438.7	440.0
1D-15S	1068611.7	516196.3	516.1	99	417.1	89.5	426.6	85	431.1	20,523	83	433.1	86.5	429.6	3.5	436.0	439.6
1D-16S	1068620.2	516047.6	485.6	64	421.6	59	426.6	50	435.6	11,886	49.5	436.6	51.5	434.1	2.0	439.5	433.5
1D-17S	1068865.4	515846.1	472.9	49	423.9	33.5	439.4	16	456.9	3,650						443.9	440.3
1D-18S	1068573.8	516056.1	482.0	59	423.0	44	438.0	48.5	433.5	4,480						442.1	442.1
1D-19S	1068620.7	516259.1	521.1	94	427.1	85	436.1	44	477.1	3,437						438.0	438.0
1D-20S	1068540.3	516226.6	517.7	90	427.7	79	438.7	2.5	515.2	1,576						439.0	437.6
WL-101-MH	1069550.0	516317.2	456.5	25	431.5	17	439.5			BKGD						454.3	457.3
WL-102-MH	1069260.0	515974.1	462.8	34	428.8	23	439.8	3.25	459.6	60,000	0	462.8	6	456.8	6.0	464.6	444.1

Table 16: Summary of Downhole Gamma Logging Results

Boring	Northing	Easting	Ground Surface Elevation (ft amsl)	Total Depth (ft)	Total Depth Elevation (ft amsl)	Depth of Base of Waste (ft)	Elevation of Base of Waste (ft amsl)	Depth of Peak Gamma Value (ft)	Elevation of Peak Gamma Value (ft amsl)	Peak Gamma Value (cpm)	Depth to Top of Elevated Gamma Interval (ft)	Elevation Top of Elevated Gamma Interval (ft amsl)	Depth to Bottom of Elevated Gamma (ft)	Elevation of Bottom of Elevated Gamma Interval (ft amsl)	Thickness of Elevated Gamma Interval (ft)	1975 Estimated Elevation (ft amsl)	1971 Estimated Elevation (ft amsl)
WL-103-MH	1069407.0	516737.1	450.9							BKGD						440.0	443.4
WL-104-MH	1069575.0	516602.8	449.8							BKGD						438.2	443.4
WL-105A-MH	1069136.3	515871.6	467.2	109	358.2	30	437.2	9	458.2	180,000	3	464.2	12	455.2	9.0	466.7	447.7
WL-105B-MH	1069148.0	515889.5	466.0	55	411.0	30	436.0	6.5	459.5	263,000	4	462.0	9	457.0	5.0	467.7	443.5
WL-105C-MH	1069155.8	515901.0	465.7	43	422.7	30	435.7	3.5	462.2	386,000	0	465.7	7	458.7	7.0	468.5	442.0
WL-106A-MH	1069317.0	516061.9	462.8	35	427.8	21.4	441.4	4	458.8	25,000	1	461.8	6	456.8	5.0	466.5	448.7
WL-106-MH	1069302.0	516082.2	465.4	20	445.4					BKGD						469.5	441.8
WL-107-MH	1068910.0	516254.3	486.0	52	434.0	50.9	435.1			BKGD						464.8	434.2
WL-108-MH	1069550.0	516317.2	456.5	22	434.5					BKGD						471.2	438.7
WL-109A-MH	1068933.0	516509.7	485.5							BKGD						439.2	438.0
WL-109B-MH	1068947.0	516523.2	484.5	59	425.5	49	435.5			BKGD						438.9	438.1
WL-109C-MH	1068961.0	516528.4	483.9	48	435.9	48	435.9			BKGD						439.0	437.6
WL-109D-MH	1068947.0	516505.0	485.6	62	423.6	56	429.6			BKGD						439.8	433.2
WL-110-MH	1068852.0	516664.6	484.4	56	428.4	50	434.4			BKGD						393.5	444.0
WL-111-MH	1069187.0	516583.6	474.5	52	422.5	50	424.5			BKGD						462.5	441.6
WL-112-MH	1069379.0	516628.2	467.6	42	425.6	38	429.6	5.5	462.1	10,000	4	463.6	7	460.6	3.0	470.6	440.0
WL-113-MH	1069483.0	516470.0	467.0	45	422.0	42.5	424.5	3.75	463.3	14,000	3	464	5	462	2.0	472.0	434.0
WL-114-MH	1069392.0	516338.6	468.3	45	423.3	40	428.3	5	463.3	14,000	3	465.3	6	462.3	3.0	472.0	440.0
WL-115-MH	1069299.0	516395.1	468.9	41	427.9	34	434.9			BKGD						472.0	442.3
WL-116-MH	1069083.0	516160.6	474.3	20	454.3					BKGD						470.7	432.0
WL-117-MH	1069237.0	516221.3	467.6	41	426.6	37	430.6	6.5	461.1	16,000	3	464.6	8	459.6	5.0	472.0	441.4
WL-118-MH	1069411.0	516305.0	465.8	15	450.8			0	465.8	12,000	0	465.8	2	463.8	2.0	472.0	442.1
WL-119-MH	1069031.0	516289.3	477.4	50	427.4	44	433.4			BKGD						469.5	436.5
WL-120-MH	1069054.0	516846.6	474.7	52	422.7					BKGD						398.6	454.1
WL-121-MH	1068763.0	516241.3	523.2			62.5	460.7			BKGD						448.2	432.0
WL-122-MH	1068775.0	516110.2	507.2			37	470.2			BKGD						449.9	433.3
WL-123-MH	1068793.0	515934.7	480.1			42	438.1			BKGD						439.4	435.3
WL-124-MH	1069051.0	515858.0	470.5			17	453.5			BKGD						464.4	455.4
PVC-24-MH	1069234.0	516312.8	469.6							BKGD						472.0	438.0
PVC-26-MH	1069464.0	516376.1	465.2					5	460.2	86,000	3	462.2	10	455.2	7.0	471.3	441.3
PVC-27-MH	1069461.0	516510.3	469.1							BKGD						472.0	440.0
PVC-29-MH	1069126.0	516607.5	473.5							BKGD						445.3	442.2
PVC-36-MH	1069218.0	516193.8	466.8					7.8	459.0	15,780	6	460.8	9.5	457.3	3.5	472.0	437.0
PVC-37-MH	1069146.0	516421.6	473.4							BKGD						470.7	437.3
PVC-38-MH	1069316.0	516580.4	470.5					10	460.5	1,298,000	0	470.5	15	455.5	15.0	472.0	438.1
PVC-41-MH	1069213.0	516701.2	474.1							BKGD						454.7	438.0

amsl = above mean sea leve
cpm = counts per minute