Table 4 : Area 1 Soil Intervals that Exceed Cleanup Levels

Boring No.	Interval Above Cleanup Levels: Top of Interval (ft bgs)	Bottom of Interval (ft bgs)	Thick-ness (ft)	Refuse Depth (ft bgs)	Samples Above Cleanup (ft bgs)	Peak Soil Sample Results: Sample Depth (ft bgs)	Radium 226+228 (pCi/g)	Thorium 230+232 (pCi/g)	Total Uranium (pCi/g)	Downhole Gamma Results: Peak Value (cpm)	Depth to Peak (ft bgs)	Top of Zone (ft bgs)	Bottom of Zone (ft bgs)	Overland Gamma Results (RI Fig 4-6)
Cleanup Levels							*7.9*	*7.9*	*54.4*					
WL-101	0	0	0	17	None	5	1.52	3.07	2.55	9000	No peak			
WL-102	0	6	6	23	None	5	1.67	5.08	2.02	60000	3.25	0	6	Elevated
WL-103	9	11	2	NA	10	10	1.44	**8.29**	3.76	6000	No peak			
WL-104	0	0	0	NA	None	5	1.2	3.32	1.98	6000	No peak			
WL-105	3	12	9	30	10	10	**41.6**	**526.34**	14.13	180000	9	3	12	Elevated
WL-106	0	6	6	24	0, 5	0	**908.9**	**9735.2**	**216.86**	25000	4	1	6	Elevated
WL-107	0	0	0	51	None	5	1.71	1.78	2.25	6000	No peak			
WL-108	0	0	0	>22	None	5	1.62	2.0	1.86	5000	No peak			
WL-109	0	0	0	49 - 56	None	5	2.08	0.88	1.37	6000	No peak			
WL-110	0	0	0	50	None	5	1.51	1.03	2.16	6000	No peak			
WL-111	0	0	0	50	None	5	1.59	3.11	5.28	6000	No peak			
WL-112	4	7	3	38	5	5	5.26	**85.18**	6.91	10000	5.5	4	7	
WL-113	3	5	2	42.5	None	10	2.51	2.29	2.53	14000	3.75	3	5	
WL-114	0	6	6	40	0, 5	0	**110.3**	**7868.1**	**320.5**	14000	5	3	6	Elevated
WL-115	0	0	0	34	None	5	1.93	1.05	2.99	6000	No peak			
WL-116	0	0	0	>20	None	5	2.18	0.76	2.59	3000	No peak			
WL-117	3	11	8	37	10	10	3.79	**37.58**	4.75	16000	6.5	3	8	
WL-118	0	7	7	>15	5	5	**18.8**	**435.3**	34.86	12000	0	0	2	Elevated
WL-119	0	0	0	44	None	5	1.62	0.86	1.37	6000	No peak			
WL-120	0	0	0	>52	None	5	2.08	0.62	2.43	6000	No peak			
WL-121	0	0	0	?	None	0	4.71	2.44	1.78	Not logged				
WL-122	0	0	0	?	None	0	3.57	2.95	1.9	Not logged				
WL-123	0	0	0	?	None	0	3.9	2.51	5.47	Not logged				
WL-124	0	0	0	?	None	0	3.51	3.32	2.66	Not logged				
PVC-24	0	0	0	?	None					6000	No peak			
PVC-25	7	11	4	?	NA					72000	9	7	11	Elevated
PVC-26	3	10	7	?	NA					86000	5	3	10	Elevated
PVC-27	0	0	0	?	NA					6000	No peak			
PVC-28	12	17	5	?	NA					132000	14	12	17	
PVC-29	0	0	0	?	NA					Not logged				
PVC-36	6	9.5	3.5	?	NA					15000	8	6	9.5	
PVC-37	0	0	0	?	NA					6000	No peak			
PVC-38	0	15	15	?	NA					1298000	10	0	15	
PVC-41	0	0	0	?	NA					6000	No peak			

Note: Highlighted lines indicate locations expected to have radionuclide activities above levels that would allow for unrestricted use. NA - Non soils samples taken

Depth intervals in italics are uncertain and are based on extension of the interval 1 ft if nearest soil sample result is within 10 times cleanup level, 2 feet if soil sample result is between 10 and 100 times the cleanup level, and 5 ft if soil sample result is greater than 100 times the cleanup level.

Table 8 : Area 2 Soil Intervals to be Excavated

Boring No.	Interval Above Cleanup Levels: Top of Interval (ft bgs)	Bottom of Interval (ft bgs)	Thick-ness (ft)	Refuse Depth (ft bgs)	Samples Above Cleanup (ft bgs)	Peak Soil Sample Results: Sample Depth (ft bgs)	Radium 226+228 (pCi/g)	Thorium 230+232 (pCi/g)	Total Uranium (pCi/g)	Downhole Gamma Results: Peak Value (cpm)	Depth to Peak (ft bgs)	Top of Zone (ft bgs)	Bottom of Zone (ft bgs)	Overland Gamma Results (RI Fig 4-6)
Cleanup Levels							*7.9*	*7.9*	*54.4*					
WL-208	0	*10*	10	28	5, 9	5	3.9	**124.4**	5.12	12000	No peak			Elevated
WL-209	0	11	11		0, 5	0	**3731**	**38418**	**1120**	744000	0	0	11	Elevated
WL-209	*24*	*26*	2	28	25	25	1.3	**27.6**	1.26	6000	No peak			Elevated
WL-210	0	16.5	16.5		0, 5	0	**2285**	**18249**	**399.7**	509000	0	0	16.5	Elevated
WL-210	39	49.5	10.5	53	40	40	2.4	**18.6**	1.72	88000	47.5	46	49.5	Elevated
WL-211	0	13	13	25	5	5	**9.1**	**67.5**	5.13	330000	0.75	0	13	Elevated
WL-212	*8*	*12*	4	28	10	10	2.2	**116.9**	3.71	6000	No peak			
WL-213	0	*6*	6	24	0, 5	0	1.5	**25.3**	3.62	6000	No peak			
WL-214	*4*	*6*	2		5	5	1.4	**44.8**	2.71	6000	No peak			
WL-214	*24*	*26*	2	24	25	25	0.7	**13.2**	1.72	Not logged				
WL-215	0	0	0	>16	None	0	1.1	5.7	4.16	Not logged				
WL-216	0	9	9	22	5	5	**89.5**	**1134**	25.08	48000	3.5	0	9	Elevated
WL-217	9	11	2	>17	10	10	1.8	**9.7**	2.07	6000	No peak			Elevated
WL-218	39	41	2	37	40	40	1.3	**7.9**	1.44	6000	No peak			
WL-219	0	0	0	27	None	5	2.3	2.2	2.06	6000	No peak			
WL-220	0	0	0	>30	None	5	1.4	2.2	2.22	6000	No peak			
WL-221	0	0	0	34	None	5	1.3	5.0	2.13	6000	No peak			Elevated
WL-222	0	7	7	30	0, 5	0	3.8	**132.3**	6.31	6000	No peak			Elevated
WL-223	1	7.5	6.5	22	5	5	2.3	**9.8**	2.73	15000	4	1	7.5	Elevated
WL-224	0	0	0	33	None	35	2.2	4.4	2.47	6000	No peak			
WL-225	0	0	0	>37	None	5	1.7	4.6	4.79	6000	No peak			
WL-226	0	*22*	22	42	10, 20	20	3.8	**173.4**	12.94	370000	10.5	0	17.5	Elevated
WL-227	*4*	*6*	2	40	5	5	2.7	**20.7**	4.01	8000	No peak			
WL-228	0	0	0	None	None	5	2.1	3.1	4.02	6000	No peak			
WL-229	0	0	0	5	None	5	1.8	6.4	2.58	6000	No peak			
WL-230	0	*6*	6	32	5	5	2.3	**27.2**	3.63	10000	1.5	0	3	Elevated
WL-231	4	*11*	7	>40	5, 10	5	4.6	**95.6**	12.52	29000	5.5	4	7.5	
WL-233	17	*31*	14	>42.5	27, 30	27	5.0	**428.2**	10.22	90000	22	17	26	
WL-234	0	*21*	21	39	10, 20	10	**3075**	**57420**	**276.9**	1104000	7	0	18	Elevated
WL-235	0	*1*	1		0	0	2.1	**13.4**	1.99	6000	No peak			
WL-235	20.5	24.5	4	>30	NA					20000	22.5	20.5	24.5	
WL-236	0	0	0	>37	None	5	1.5	6.3	3.37	6000	No peak			
WL-237	0	0	0	34	NA					6000	No peak			Elevated
WL-238	1	10.5	9.5	27	NA					130000	6	1	10.5	Elevated
WL-239	0	0	0	?	None	5	2.1	0.8	2.81	6000	No peak			

Table 8 : Area 2 Soil Intervals to be Excavated

Boring No.	Interval Above Cleanup Levels: Top of Interval (ft bgs)	Bottom of Interval (ft bgs)	Thick-ness (ft)	Refuse Depth (ft bgs)	Samples Above Cleanup (ft bgs)	Peak Soil Sample Results: Sample Depth (ft bgs)	Radium 226+228 (pCi/g)	Thorium 230+232 (pCi/g)	Total Uranium (pCi/g)	Downhole Gamma Results: Peak Value (cpm)	Depth to Peak (ft bgs)	Top of Zone (ft bgs)	Bottom of Zone (ft bgs)	Overland Gamma Results (RI Fig 4-6)
Cleanup Levels							*7.9*	*7.9*	*54.4*					
WL-240	0	0	0	>11	NA					6000	No peak			
WL-241	1	9.5	8.5	>40	5	5	**13.0**	**346.8**	8.64	46000	5.5	1	9.5	
WL-242	0	*3*	3	?	0, 2	2	3.2	**21.7**	2.66	Not logged				
WL-243	0	2	2	?	0	0	5.9	**271.7**	8.2	Not logged				Elevated
WL-244	0	*1*	1	?	0	0	2.10	**21.6**	2.32	Not logged				
WL-245	0	0	0	?	None	0	1.6	4.3	1.77	Not logged				
WL-246	0	0	0	?	None	0	1.6	3.5	1.77	Not logged				
PVC-4	0	5.5	5.5		0, 1, 2	1	**2500**		**530**	1290000	1	0	5.5	Elevated
PVC-4	9.5	13	3.5		None	10	2.5			14000	11.5	9.5	13	Elevated
PVC-5	1	7	6		None	6	1.7			15000	5.5	1	7	Elevated
PVC-5	9.5	14.5	5		None	10	4.3			14000	11.5	9.5	14.5	Elevated
PVC-6	0	16	16		6 - 13	11	**230**			367000	11	0	16	Elevated
PVC-6	19	*22.5*	3.5		NA					23000	20.5	19	>21.5	Elevated
PVC-7	0	7	7		NA					1386000	2	0	7	Elevated
PVC-7	17	22	5		NA					22000	19.5	17	>21	Elevated
PVC-8	0	1.5	1.5		None	2	1.3			24000	0.5	0	1.5	Elevated
PVC-9	*1*	6.5	5.5		2	2	**55**		46	22000	5	3	6.5	Elevated
PVC-10	0	*13*	13		1 - 12	3	**520**			752000	3	0	7	Elevated
PVC-10	0	*13*	13		1 - 12	10	**100**		**73**	152000	9.5	7	13	Elevated
PVC-11	0	10.5	10.5		0 - 3	2	**13000**		**2900**	2286000	2.5	0	10.5	Elevated
PVC-12	0.5	5.5	5		NA					58000	2.5	0.5	5.5	
PVC-13	0	0	0		NA					6000	No peak			
PVC-18	0	0	0		None					6000	No peak			Elevated
PVC-19	6	10.5	4.5		7 - 9	8	**340**		42	332000	8	6	10.5	Elevated
PVC-20	0	4	4		0 - 2	2	**17**			127000	1.5	0	4	Elevated
PVC-33	1.5	3.5	2		NA					10000	2.5	1.5	3.5	Elevated
PVC-34	0	3	3		NA					22000	1	0	3	Elevated
PVC-35	0.5	8	7.5		NA					745000	4	0.5	8	
PVC-39	1.5	4	2.5		NA					14000	2.5	1.5	4	
PVC-40	0.5	5	4.5		NA					120000	2.5	0.5	5	Elevated
PVC-40	5	9.5	4.5		NA					46000	7	5	9.5	Elevated

Note: Highlighted lines indicate locations above cleanup levels to be considered for excavation

NA - no soil samples taken

Depth intervals in italics are uncertain and are based on extension of the interval 1 ft if nearest soil sample result is within 10 times cleanup level, 2 feet if soil sample result is between 10 and 100 times the cleanup level, and 5 ft if soil sample result is greater than 100 times the cleanup level.