

New Haven Sub-surface Soil Analytical Result Summary

AL ¹ (pCi/g)	Th-232					U-238				
	1.1					0.46				
Sample Locations ²	RESULT (pCi/g)	TPU ³	Flags ⁴	MDC ⁵	Net Sample Result ⁶ >AL?	RESULT (pCi/g)	TPU ³	Flags ⁴	MDC ⁵	Net Sample Result ⁶ >AL?
SU1-1-SB-S-0	0.83 +/- 0.24			0.45	-0.33	1.58 +/- 0.81	U		1.6	0.23
SU1-2-SB-S-0	0.78 +/- 0.41	U		0.78	-0.38	1.80 +/- 1.20			1.7	0.45
SU1-3-SB-S-0	1.05 +/- 0.44			0.92	-0.11	1.83 +/- 0.47			1	0.48 x
SU1-4-SB-S-0	1.01 +/- 0.24			0.39	-0.15	0.88 +/- 0.93	U		1.4	-0.47
SU1-5-SB-S-0	1.08 +/- 0.26			0.44	-0.08	1.30 +/- 1.20	U		1.5	-0.05
SU1-6-SB-S-0	0.92 +/- 0.48			0.81	-0.24	0.90 +/- 0.72	U		1.5	-0.45
SU1-7-SB-S-0	1.06 +/- 0.35			0.52	-0.10	0.79 +/- 0.40	U		0.97	-0.56
SU1-8-SB-S-0	0.90 +/- 0.22			0.37	-0.26	1.50 +/- 1.20			1.5	0.15
SU1-9-SB-S-0	0.81 +/- 0.54	U		0.91	-0.35	2.15 +/- 0.61			1.9	0.80 x
SU1-10-SB-S-0	1.31 +/- 0.27			0.49	0.15	0.99 +/- 0.50	U		1.3	-0.36
SU1-11-SB-S-0	0.82 +/- 0.40	U		0.86	-0.34	0.99 +/- 0.41	U		1.1	-0.36
SU1-12-SB-S-0	0.21 +/- 0.15	U		0.35	-0.95	0.36 +/- 0.61	U		0.82	-0.99
SU1-13-SB-S-0	0.46 +/- 0.33	U		0.69	-0.70	1.96 +/- 0.53			1.1	0.61 x
SU1-14-SB-S-0	0.32 +/- 0.21	U		0.45	-0.84	1.20 +/- 1.00	U		1.6	-0.15
SU1-15-SB-S-0	0.40 +/- 0.30	U		0.43	-0.76	1.01 +/- 0.70	U		1.1	-0.34
SU1-16-SB-S-0	1.10 +/- 0.24			0.37	-0.06	1.35 +/- 0.98	U		1.4	0.00
SU1-17-SB-S-0	1.15 +/- 0.31			0.41	-0.01	2.10 +/- 1.10			1.5	0.75 x
SU1-18-SB-S-0	1.21 +/- 0.30			0.66	0.05	0.80 +/- 1.20	U		1.6	-0.55
SU1-55-SB-B-0	1.02 +/- 0.52	U		1	-0.14	3.46 +/- 0.75			1.4	2.11 x
SU1-56-SB-B-0	1.72 +/- 0.38			0.62	0.56	3.20 +/- 0.79			1.8	1.85 x
SU1-57-SB-B-0	0.80 +/- 0.44	U		0.93	-0.36	0.73 +/- 0.86	U		1.3	-0.62
Average				-0.26					0.12	
Std. Dev				0.35	0				0.79	6
Max				0.56					2.11	
SU2-19-SB-S-0	1.09 +/- 0.34			0.42	-0.07	0.30 +/- 1.30	U		1.7	-1.05
SU2-20-SB-S-0	1.03 +/- 0.29			0.38	-0.13	1.10 +/- 1.10	U		1.4	-0.25
SU2-21-SB-S-0	0.42 +/- 0.14	J		0.21	-0.74	0.77 +/- 0.26	J		0.65	-0.58
SU2-22-SB-S-0	0.76 +/- 0.23			0.47	-0.40	1.50 +/- 1.10			1.4	0.15
SU2-23-SB-S-0	1.50 +/- 0.39			0.47	0.34	1.70 +/- 1.20	U		1.7	0.35
SU2-24-SB-S-0	1.08 +/- 0.29			0.42	-0.08	1.03 +/- 0.94	U		1.4	-0.32
SU2-25-SB-S-0	1.03 +/- 0.31			0.48	-0.13	1.60 +/- 1.20			1.5	0.25
SU2-26-SB-S-0	0.44 +/- 0.21	U		0.45	-0.72	0.74 +/- 0.70	U		0.96	-0.61
SU2-27-SB-S-0	1.01 +/- 0.30			0.51	-0.15	0.17 +/- 0.78	U		1.1	-1.18
SU2-28-SB-S-0	0.21 +/- 0.11	U		0.24	-0.95	0.73 +/- 0.25	J		0.64	-0.62
SU2-29-SB-S-0	1.15 +/- 0.34			0.38	-0.01	1.00 +/- 0.78	U		1	-0.35
SU2-30-SB-S-0	0.72 +/- 0.23			0.33	-0.44	0.34 +/- 0.72	U		0.93	-1.01
SU2-31-SB-S-0	1.19 +/- 0.51			0.92	0.03	0.74 +/- 0.86	U		1.3	-0.61
SU2-32-SB-S-0	1.24 +/- 0.29			0.53	0.08	0.85 +/- 0.41	U		1.1	-0.50
SU2-33-SB-S-0	1.15 +/- 0.27			0.49	-0.01	1.90 +/- 1.10			1.5	0.55 x
SU2-34-SB-S-0	1.28 +/- 0.29			0.5	0.12	0.24 +/- 0.58	U		0.84	-1.11
SU2-35-SB-S-0	1.23 +/- 0.35			0.47	0.07	0.22 +/- 0.74	U		1.1	-1.13
SU2-58-SB-B-0	1.03 +/- 0.28			0.44	-0.13	0.30 +/- 1.00	U		1.3	-1.05
SU2-59-SB-B-0	1.27 +/- 0.29			0.6	0.11	4.40 +/- 0.82			1.3	3.05 x
SU2-60-SB-B-0	0.76 +/- 0.23			0.31	-0.40	1.80 +/- 0.44			0.92	0.45
SU2-61-SB-B-0	25.5 +/- 3.3			3	24.34 x	128 +/- 17			8	126.65 x
Average				0.98					5.76	
Std. Dev				5.36	1				27.71	3
Max				24.34					126.65	

New Haven Sub-surface Soil Analytical Result Summary

AL ¹ (pCi/g)	Th-232					U-238				
	1.1					0.46				
Sample Locations ²	RESULT (pCi/g)	TPU ³	Net Sample Result ⁶			RESULT (pCi/g)	TPU ³	Net Sample Result ⁶		
			Flags ⁴	MDC ⁵	>AL?			Flags ⁴	MDC ⁵	>AL?
SU3-36-SB-S-0	0.82 +/- 0.25		0.33	-0.34		0.51	0.56	U	0.8	-0.84
SU3-37-SB-S-0	0.78 +/- 0.23		0.4	-0.38		2.00	1.60	U	2.3	0.65 X
SU3-38-SB-S-0	1.00 +/- 0.22		0.42	-0.16		1.30	1.00	U	1.4	-0.05
SU3-39-SB-S-0	1.04 +/- 0.29		0.49	-0.12		1.30	1.20	U	1.4	-0.05
SU3-40-SB-S-0	0.79 +/- 0.25		0.38	-0.37		0.30	0.76	U	1.2	-1.05
SU3-41-SB-S-0	0.94 +/- 0.45		0.79	-0.22		1.20	1.10	U	1.6	-0.15
SU3-42-SB-S-0	1.24 +/- 0.47		0.85	0.08		0.41	0.89	U	1.3	-0.94
SU3-43-SB-S-0	0.40 +/- 0.31	U	0.63	-0.76		0.92	0.63	J	0.91	-0.43
SU3-44-SB-S-0	0.34 +/- 0.28	U	0.62	-0.82		1.01	0.95	U	1.3	-0.34
SU3-45-SB-S-0	0.27 +/- 0.27	U	0.58	-0.89		1.20	1.20	U	1.4	-0.15
SU3-46-SB-S-0	0.72 +/- 0.19		0.25	-0.44		1.19	0.38		1	-0.16
SU3-47-SB-S-0	0.57 +/- 0.15		0.31	-0.59		1.98	0.45		0.93	0.63 X
SU3-48-SB-S-0	1.01 +/- 0.19		0.35	-0.15		0.57	0.44	U	0.64	-0.78
SU3-49-SB-S-0	1.02 +/- 0.21		0.32	-0.14		1.04	0.98	U	1.3	-0.31
SU3-50-SB-S-0	0.58 +/- 0.29		0.56	-0.58		1.16	0.32		0.63	-0.19
SU3-51-SB-S-0	0.58 +/- 0.15		0.3	-0.58		0.37	0.48	U	0.69	-0.98
SU3-52-SB-S-0	1.26 +/- 0.24		0.38	0.10		0.39	0.84	U	1.1	-0.96
SU3-53-SB-S-0	1.25 +/- 0.29		0.43	0.09		0.79	0.35	J	0.73	-0.56
SU3-54-SB-S-0	1.11 +/- 0.21		0.3	-0.05		1.52	0.46		1	0.17
SU3-62-SB-B-0	1.16 +/- 0.5		1.1	0.00		1.4 +/- 1.4		U	1.9	0.05
SU3-63-SB-B-0	1.08 +/- 0.29		0.55	-0.08		1 +/- 1.2		U	1.7	-0.35
SU3-64-SB-B-0	1.59 +/- 0.65		1.3	0.43		1.2 +/- 1.4		U	1.9	-0.15
SU3-65-SB-B-0	0.99 +/- 0.49		0.92	-0.17		0.9 +/- 1.2		U	1.6	-0.45
SU3-66-SB-B-0	1.47 +/- 0.34		0.54	0.31		1.2 +/- 0.79		U	1.6	-0.15
SU3-67-SB-B-0	0.38 +/- 0.38	U	0.8	-0.78		3 +/- 1.5			2.3	1.65 X
SU3-68-SB-B-0	0.49 +/- 0.31	U	0.76	-0.67		1.30 +/- 1.10		U	1.5	-0.05
SU3-69-SB-B-0	0.25 +/- 0.26	U	0.52	-0.91		1.3 +/- 0.64			1.1	-0.05
Average			-0.31						-0.23	
Std. Dev			0.37		0				0.58	
Max			0.43						1.65	
SU4-70-SB-B-0	1.35 +/- 0.36		0.65	0.19		1.57 +/- 0.66			1.4	0.22
SU4-71-SB-B-0	0.96 +/- 0.31		0.61	-0.20		2.17 +/- 0.99			1.8	0.82 X
SU4-72-SB-B-0	0.58 +/- 0.22		0.48	-0.58		1.32 +/- 0.54			1.2	-0.03
SU4-73-SB-S-0	1.08 +/- 0.27		0.51	-0.08		0.4 +/- 1		U	1.5	-0.95
SU4-74-SB-S-0	0.84 +/- 0.47	U	0.91	-0.32		-0.2 +/- 1.1		U	1.5	-1.55
SU4-75-SB-S-0	1.33 +/- 0.26		0.33	0.17		0.29 +/- 0.95		U	1.3	-1.06
SU4-76-SB-S-0	1.11 +/- 0.27		0.61	-0.05		1.6 +/- 1.1			1.4	0.25
SU4-77-SB-S-0	1.02 +/- 0.5		0.95	-0.14		1.5 +/- 1.1		U	1.5	0.15
SU4-78-SB-S-0	1.21 +/- 0.25		0.38	0.05		1.62 +/- 0.7			1.3	0.27
SU4-79-SB-S-0	1.03 +/- 0.48	U	1	-0.13		1.6 +/- 0.87		U	1.6	0.25
SU4-80-SB-S-0	0.83 +/- 0.21		0.31	-0.33		0.67 +/- 0.86		U	1.2	-0.68
SU4-81-SB-S-0	1.52 +/- 0.33		0.45	0.36		1.6 +/- 1.3		U	1.7	0.25
SU4-82-SB-S-0	1.27 +/- 0.42		0.41	0.11		0.3 +/- 1.2		U	1.7	-1.05
SU4-83-SB-S-0	0.81 +/- 0.27		0.48	-0.35		1.5 +/- 1.1		U	1.6	0.15
SU4-84-SB-S-0	1.09 +/- 0.22		0.38	-0.07		0.71 +/- 0.9		U	1.2	-0.64
SU4-85-SB-S-0	1.18 +/- 0.26		0.39	0.02		1.14 +/- 0.38			1	-0.21
SU4-86-SB-S-0	1.49 +/- 0.37		0.49	0.33		2 +/- 1.2			1.5	0.65 X
SU4-87-SB-S-0	1.36 +/- 0.34		0.63	0.20		2.5 +/- 1.3			1.7	1.15 X
SU4-88-SB-S-0	1.29 +/- 0.31		0.58	0.13		1 +/- 1.2		U	1.6	-0.35
SU4-89-SB-S-0	1.32 +/- 0.58		1	0.16		2.23 +/- 0.58			1.5	0.88 X
SU4-90-SB-S-0	1.15 +/- 0.29		0.52	-0.01		1.21 +/- 0.81		U	1.6	-0.14
SU4-91-SB-S-0	1.11 +/- 0.29		0.4	-0.05		0.93 +/- 0.49		U	1.3	-0.42
SU4-92-SB-S-0	1.65 +/- 0.67		1.1	0.49		1.63 +/- 0.51			1.3	0.28
SU4-93-SB-S-0	1 +/- 0.31		0.57	-0.16		2 +/- 1.1			1.5	0.65 X
SU4-94-SB-S-0	0.94 +/- 0.25		0.44	-0.22		1.3 +/- 1.1		U	1.5	-0.05
SU4-95-SB-S-0	0.51 +/- 0.33	U	0.73	-0.65		0.46 +/- 0.93		U	1.3	-0.89
SU4-96-SB-S-0	0.76 +/- 0.23		0.43	-0.40		0.8 +/- 1		U	1.3	-0.55
Average			-0.06						-0.10	
Std. Dev			0.28		0				0.67	
Max			0.49						1.15	
SU8-119-SB-S-0	0.32 +/- 0.19	U	0.4	-0.84		1.09 +/- 0.61			0.84	-0.26

NOTES:

- 1) AL = Action Level
- 2) Sample Locations are in the format SU#-WW-XX-Y-Z, where SU = Survey Unit #, WW =
- 3) TPU = Total Propagated Uncertainty
- 4) Flags = Qualifier
- 5) MDC = Minimum Detectable Concentration

New Haven Sub-surface Soil Analytical Result Summary

	Th-232				U-238							
AL ¹ (pCi/g)	1.1				0.46							
Sample Locations ²	RESULT (pCi/g)	TPU ³	Flags ⁴	MDC ⁵	Net Sample Result ⁶	>AL?	RESULT (pCi/g)	TPU ³	Flags ⁴	MDC ⁵	Net Sample Result ⁶	>AL?
6)	Net Sample Result = Gross Result - Average Reference Area Concentration											