Table 9
Validated SAT Soil Analytical Results Summary (Radioisotopes)
Canadian Uranium Radiological Site
Kisco Avenue, Mount Kisco, New York

	Location ID No.	S07			S08			S01			S02			S03			S04			S09			S05			S06		
	SAT Sample ID No.	**S07 (12-24)**			**S08 (24-36)**			**S01 (24-36)**			**S02 (0-12)**			**S03 (0-12)**			**S04 (36-48)**			**S09 (36-48)***			**S05 (0-12)**			**S06 (0-12)**		
	Sample Depth (inches)	12 - 24			24 - 36			24 - 36			0 - 12			0 - 12			36 - 48			36 - 48			0 - 12			0 - 12		
	Sample Matrix	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
	Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty
Radioisotope	**EPA SSAL**	**Background**																										
Uranium-238		0.462	V	0.15	0.417	V	+/- .143	0.380	V	0.123	0.849	V	0.177	0.749	V	0.159	0.327	V	0.129	0.516	V	0.159	0.429	V	0.151	0.773	V	0.187
Thorium-230		0.407	V	0.14	0.575	V	+/- .175	0.999	V	0.163	64.6	V	5.53	58.1	V	4.99	4.63	V	0.605	5.82	V	0.691	1.81	V	0.311	83.3	V	7.27
Uranium-233/234		0.374	V	0.133	0.299	V	+/- .0401	0.428	V	0.132	0.781	V	0.168	0.769	V	0.0501	0.383	V	0.138	0.356	V	0.131	0.606	V	0.181	0.702	V	0.179
Radium-226		0.894	V	0.235	3.44	V	+/- .487	22.0	V	2.4	135	V	14.1	129	V	13.5	14.0	V	1.59	15.4	V	1.72	109	V	11.5	109	V	11.5
Thorium-232		0.508	V	0.153	0.547	V	+/- .169	0.557	V	0.115	0.842	V	0.14	0.766	V	0.134	0.879	V	0.216	0.624	V	0.171	0.605	V	0.165	0.739	V	0.194
Radium-228		0.843	V	0.239	1.35	V	+/- .342	1.05	V	0.389	1.17	UV	0.788	0.946	UV	0.773	0.975	V	0.369	1.25	V	0.35	1.79	V	0.963	0.710	UV	0.832
Thorium-228		0.43	V	0.145	0.567	V	+/- .175	0.626	V	0.125	1.07	V	0.165	0.884	V	0.148	0.850	V	0.21	0.808	V	0.197	0.589	V	0.168	0.794	V	0.207
Uranium-235/236		0.062	UV	0.0606	0.0254	UV	+/- .0401	0.0	UV	0.00555	0.0741	V	0.0546	0.0704	V	0.0501	0.0316	UV	0.0625	0.0415	UV	0.0555	0.0178	UV	0.0416	0.00539	UV	0.0259

Notes:
ID No. - Identity Number.
V = Validated result.
U = Indicates the analyte was analyzed for but not detected.
ND - Non-Detect.
pCi/g = picocuries per gram.
Analytical data is based on November 2013 site assessement conducted by Weston Solutions, Inc., Site Assessment Team (SAT).
S09 (36-48)* is a duplicate of S04 (36-48)
EPA SSAL - Environmental Protection Agency Site-Specific Action Level (SSAL).
The total concentration of each radioisotope is the sum of the result value and the upper limit of the total uncertainty.
Bold red values exceed the upper limit range of the EPA SSAL for the respective radioisotope.
EPA SSAL values are in pCi/g.