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	ND			ND			0.975	V	0.369	1.25	V	0.35	1.79	V	0.963	ND		
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	ND			0.0741	V	0.0546	0.0704	V	0.0501	ND			ND			ND			ND		

Notes:
ID No. - Identity Number.
V = Verified by Certified Health Physicist.
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.
Values in red exceed the EPA SSAL for the respective radioisotope.
EPA SSAL values are in pCi/g.