Table 8B
Preliminary Soil Analytical Results Summary (TAL Metals)
Canadian Uranium Radiological Site
Kisco Avenue, Mount Kisco, New York

	Location ID#	C001-SS001						C001-SS002			C001-SS003			C002-SS001			C002-SS002			C002-SS003			C002-TRENCH		
	RST 3 Sample ID#	**C001-SS001-0012-01**			**C001-SS001-0012-02****			**C001-SS002-0012-01**			**C001-SS003-0012-01**			**C002-SS001-2448-01**			**C002-SS002-2448-01**			**C002-SS003-2448-01**			**C002-TRENCH-0036-01**		
	Sample Date	8/18/2015			8/18/2015			8/18/2015			8/18/2015			8/5/2015			8/5/2015			8/5/2015			8/5/2015		
	Sample Matrix	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
	Sample Results	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty
TAL Metal	**EPA RML**																								
Aluminum	230,000	7,200			6,800			11,000			9,800			12,000			10,000			8,600			16,000		
Antimony	94	4.3	J^B		3.5	J^B		3.1	^		3.1	^		3.1			3.2			3.3			3.1		
Arsenic	67	7.7	J B		4.1	J B		2.4			7.7	J B		4.7	J		3.6	J		6.5	J		12		
Barium	46,000	77	F1		72			42	J		51			87	B		130	B		1,700	B		370	B	
Beryllium	470	0.7			0.72			0.76			0.75			0.74			0.77			0.81			0.75		
Cadmium	210	0.32			0.33			0.35			0.34			0.34			0.35			0.37			0.34		
Calcium	NS	21,000			18,000			11,000			5,400			13,000			5,000			9,000			11,000		
Chromium	NS	21	B		17	B		11	B		18	B		24	B		29	B		59	B		90	B	
Cobalt	70	7.3	J		6.3	J		13	J		8.9	J		9.1	J		8.9	J		10	J		16	J	
Copper	9,400	35	F2 F1 B		22	J B		46	B		32	B		24	J		27			45			71		
Iron	160,000	18,000	F2		13,000			22,000			20,000			19,000	B		19,000	B		31,000	B		29,000	B	
Lead	400	100	F2 F1		160			22			23			56	B		46	B		510	B		220	B	
Magnesium	NS	11,000			7,400			6,900			5,200			8,600			5,300			7,600			12,000		
Manganese	5,500	220	F1		130			270			310			410	B		310	B		290	B		410	B	
Nickel	4,600	18	J		16	J		13	J		16	J		19	J		19	J		42	J		62		
Potassium	NS	1,700	J F2 F1		2,700	J		740			1,200	J		1,800	J		2,700	J		3,300	J		6,000		
Selenium	1,200	1.9			2			2.1			2.1			2			2.9	J B		2.2			2.1		
Silver	1,200	0.65			0.67			0.91	J B		0.7			0.69			0.82	J		0.76			0.7		
Sodium	NS	1,200			830	J		1,700			700	J		500	J		230	J		330	J		740	J	
Thallium	2.3	1.8			1.8			1.9			1.9			1.9			1.9			2.1			1.9		
Vanadium	1,200	29	J		13	J		42	J		35	J		33	J		37	J		29	J		63		
Zinc	70,000	120	F2 F1		100			50	J		66			94			76			830			180		
Mercury	28	0.12			0.13			0.15			0.029	J		0.07			0.061			0.028	J		0.12		

Notes:

NS - Not specified.
TAL - Target Analyte List.
mg/kg - milligrams per kilogram.
µg/L - micrograms per liter.
J - Result is an approximate value.
B - Compound was found in the blank and sample.
F1 - matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits.
F2 - MS/MSD Relative Percent Difference (RPD) [a measure of the relative difference between two points] exceeds control limits.
^ - Instrument related quality control (QC) outside acceptance limits.
EPA RML - The Environmental Protection Agency Removal Management Level.
Values in red equal or exceed the respective EPA RML.
EPA RML values are in mg/kg.
C001-SS001-0012-02 is a duplicate of C001-SS001-0012-01**

Table 8B
Preliminary Soil Analytical Results Summary (TAL Metals)
Canadian Uranium Radiological Site
Kisco Avenue, Mount Kisco, New York

	Location ID#	C003-SS001						C003-SS002			C003-SS003			C004-SS001			Rinsate Blank			Rinsate Blank		
	RST 3 Sample ID#	**C003-SS001-2448-01**			**C003-SS001-2448-02*****			**C003-SS002-0024-01**			**C003-SS003-2448-01**			**C004-SS001-1824-01**			**RB-080515**			**RB-081815**		
	Sample Date	8/5/2015			8/5/2015			8/5/2015			8/5/2015			8/7/2015			8/5/2015			8/18/2015		
	Sample Matrix	Soil			Soil			Soil			Soil			Soil			Aqueous			Aqueous		
	Sample Results	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (mg/kg)	Qualifier	Total Uncertainty	Value (µg/L)	Qualifier	Total Uncertainty	Value (µg/L)	Qualifier	Total Uncertainty
TAL Metal	**EPA RML**													**Background**			**Rinsate Blank**					
Aluminum	230,000	8,900			11,000			7,600			9,200			13,000			22			22		
Antimony	94	3.2	F1		2.9			3.2			3.4			3.8			3.7			4.4	J^	
Arsenic	67	20			19			8.8	J		7.1	J		3.9	J		1.8			2.4	J	
Barium	46,000	89	B		99	B		170	B		130	B		130	B		2.1			2.1		
Beryllium	470	0.78			0.7			0.79			0.82			0.91			0.28			0.28		
Cadmium	210	0.35			0.32			0.36			0.37			0.41			0.34			0.34		
Calcium	NS	49,000	F2		36,000			6,200			26,000			1,900	J		90	J		54		
Chromium	NS	43	B		38	B		20	B		24	B		31	B		3.4			3.4		
Cobalt	70	7.6	J		8.1	J		9.1	J		9.5	J		7.7	J		2.7			2.7		
Copper	9,400	60			77			85			97			27	J		2.1			2.1		
Iron	160,000	25,000	B		19,000	B		20,000	B		20,000	B		16,000	B		13			19	J	
Lead	400	130	B		140	B		220	B		180	B		120	B		0.6	J		0.6		
Magnesium	NS	12,000			7,500			4,300			14,000			3,600			51			51		
Manganese	5,500	290	B F1		270	B		190	B		290	B		250	B		1			1		
Nickel	4,600	19	J		18	J		23	J		21	J		19	J		2.6			2.6		
Potassium	NS	1,600	J		2,300	J		2,100	J		2,300	J		940	J		460			460		
Selenium	1,200	2.1			1.9			2.2			2.2			2.5			2.1			2.3	J B	
Silver	1,200	0.73			0.65	J		0.73			0.76			0.85			0.99			0.99		
Sodium	NS	200	J		300	J		2,400			1,800			280	J		110			110		
Thallium	2.3	2			1.8			2			2.1			**2.3**			**2.4**			**2.4**		
Vanadium	1,200	31	J		38	J		23	J		28	J		34	J		4.4			4.4		
Zinc	70,000	190	F1		170			160			140			130			13	J		13	J	
Mercury	28	0.21			0.2			0.13			0.18			0.11			0.06			0.06		

Notes:

NS - Not specified.
TAL - Target Analyte List.
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C003-SS001-2448-02* is a duplicate of C003-SS001-2448-01**