



Fission 3.0

Thompson Lake Samples (for November 14, 2017 news release)

Sample Information				Radioactivity	Geochemical Results		
Sample ID	Sample Type	Lithology	Alteration	(CPS)	U ₃ O ₈ (wt%)	U (ppm) - partial digestion	U ppm - Total digestion
TPL-P-001	Outcrop	Calcareous Quartzite	Chlorite/Calcite	93		2	3
TPL-P-002	Outcrop	Calcareous Quartzite	Chlorite/Calcite	114		2	4
TPL-P-003	Outcrop	Calcareous Quartzite	Chlorite	120		2	3
TPL-P-004	Outcrop	Calcareous Quartzite	Chlorite/Calcite	112		2	4
TPL-P-005	Outcrop	Quartzite	Clay	149		20	21
TPL-P-006	Outcrop	Granitic Gneiss	Silica	152		17	17
TPL-P-007	Outcrop	Granitic Gneiss	Hematite	194		21	21
TPL-P-008	Outcrop	Granodiorite	Hematite	221		99	102
TPL-P-009	Outcrop	Granitic Gneiss	Hematite	102		3	4
TPL-P-010	Outcrop	Granitic Gneiss	Chlorite	143		4	7
TPL-P-011	Outcrop	Granitic Gneiss	Hematite/Limonite	109		2	4
TPL-P-012	Outcrop	Breccia	Hematite/Calcite	110		2	3
TPL-P-013	Outcrop	Granodiorite	Hematite/Calcite	146		10	11
TPL-P-014	Outcrop	Leucogranodiorite	Hematite	177		17	17
TPL-P-015	Outcrop	Orthogneiss	Chlorite	84		2	5
TPL-P-016	Outcrop	Orthogneiss	Sulphide	92		2	4
TPL-P-017	Boulder	Orthogneiss	Hematite	616		134	137
TPL-P-018	Outcrop	Argillite	Hematite	2920	0.29	2,240	2,390
TPL-P-019	Outcrop	Calc-silicate	Calcite/Hematite	374		63	66
TPL-P-020	Outcrop	Granite	Hematite	126		9	9
TPL-P-021	Outcrop	Calc-silicate	Hematite/Chlorite	117		81	83
TPL-P-022	Outcrop	Granite	Hematite	336		27	28

TPL-P-023	Outcrop	Granite	Hematite	153		14	16
TPL-P-024	Outcrop	Quartz-Feldspar Gneiss	Hematite	426		133	136
TPL-P-025	Outcrop	Quartz-Feldspar Gneiss	Hematite	241		28	29
TPL-P-026	Outcrop	Amphibole schist	Hematite	124		1	3
TPL-P-027	Outcrop	Granite	Hematite/Limonite	186		12	14
TPL-P-028	Outcrop	Leucogranodiorite	Hematite	135		4	7
TPL-P-029	Outcrop	Granite	Chlorite	125		3	5
TPL-P-030	Outcrop	Pegmatite	Hematite	150		10	10
TPL-P-031	Outcrop	Granite	Hematite	113		4	5
TPL-P-032	Outcrop	Orthogneiss	Chlorite	171		15	16
TPL-P-033	Outcrop	Orthogneiss	Hematite	171		91	92
TPL-P-034	Outcrop	Orthogneiss	No Alteration	293		110	113
TPL-P-035	Outcrop	Argillite	Hematite/Calcite	504	0.08	561	569
TPL-P-036	Outcrop	Argillite	Hematite	1260	0.08	587	663
TPL-P-037	Outcrop	Granodiorite	Hematite	812		207	208
TPL-P-038	Boulder	Mafic	Hematite	454		111	115
TPL-P-039	Outcrop	Granodiorite	Hematite	134		14	18
TPL-P-040	Outcrop	Granodiorite	Hematite	318		18	19
TPL-P-041	Outcrop	Granitic Gneiss	Hematite	370		46	48
TPL-P-042	Outcrop	Orthogneiss	Hematite	104		4	6
TPL-P-043	Outcrop	Feldspathic Quartzite	Hematite	125		3	5
TPL-P-044	Boulder	Leucogranodiorite	Hematite/Clay	182		4	6
TPL-P-045	Outcrop	Leucogranodiorite	Hematite/Clay	165		25	31
TPL-P-046	Outcrop	Leucogranodiorite	Hematite/Clay	171		5	7
TPL-P-047	Outcrop	Orthogneiss	Hematite/Chlorite	99		2	5
TPL-P-048	Boulder	Granite	Chlorite	169		195	204
TPL-P-049	Boulder	Granite	Chlorite	127		61	64
TPL-P-050	Outcrop	Granitic Gneiss	Hematite	115		12	61