



Fission 3.0

Midas 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
MDS-P-001	Boulder	Mafic Dyke	Chlorite	59,300	7.62	60,200	64,200
MDS-P-002	Boulder	Mafic Dyke	Chlorite	38,600	11.90	95,000	103,000
MDS-P-003	Boulder	Mafic Dyke	Chlorite	25,400	3.19	24,800	26,800
MDS-P-004	Outcrop	Granitic Gneiss	Hematite	170		4	26
MDS-P-005	Outcrop	Mafic Dyke	Hematite	521		318	346
MDS-P-006	Outcrop	Granitic Gneiss	Hematite	444		158	193
MDS-P-007	Outcrop	Granitic Gneiss	Hematite	30,700	9.74	83,900	86,000
MDS-P-008	Outcrop	Quartz-Feldspar Gneiss	Hematite	23,400	2.74	19,300	23,400
MDS-P-009	Outcrop	Quartz-Feldspar Gneiss	Hematite	10,100	0.76	5,990	6,330
MDS-P-010	Outcrop	Quartz-Feldspar Gneiss	Hematite	822	0.11	835	848
MDS-P-011	Trench	Quartz-Feldspar Gneiss	Hematite	7,200	1.53	11,000	12,500
MDS-P-012	Boulder	Quartz-Feldspar Gneiss	Hematite	950		365	378
MDS-P-013	Outcrop	Quartz-Feldspar Gneiss	Hematite	2,350	0.58	5,110	5,120
MDS-P-014	Boulder	Unknown	Hematite	1,450	0.10	803	891
MDS-P-015	Boulder	Mafic Dyke	Hematite	218		378	451
MDS-P-016	Trench	Quartz-Feldspar Gneiss	Clay	17,800	5.13	43,500	43,700
MDS-P-017	Outcrop	Granite	Clay	650		14	16
MDS-P-018	Outcrop	Banded Gneiss	Hematite	820		279	320
MDS-P-019	Outcrop	Amphibole Gneiss	Hematite	250		39	45
MDS-P-020	Outcrop	Amphibole Gneiss	Hematite	N/A		320	322
MDS-P-021	Outcrop	Quartz-Feldspar Schist	Hematite	720		245	267
MDS-P-022	Outcrop	Quartz-Feldspar Gneiss	Hematite	1,100		438	459

MDS-P-023	Outcrop	Quartz-Feldspar Schist	Hematite	820	0.15	1,210	1,240
MDS-P-024	Outcrop	Quartz-Feldspar Gneiss	Hematite	240		43	49
MDS-P-025	Outcrop	Quartz-Feldspar Gneiss	Hematite	890		352	384
MDS-P-026	Outcrop	Quartz-Feldspar Gneiss	Hematite	N/A	0.19	1,490	1,610
MDS-P-027	Outcrop	Quartz-Feldspar Gneiss	Hematite	1,680	0.66	5,390	5,420
MDS-P-028	Outcrop	Quartz-Feldspar Gneiss	Hematite	294		74	77
MDS-P-029	Outcrop	Quartz-Feldspar Gneiss	Hematite	1,370		288	331
MDS-P-030	Outcrop	Quartz-Feldspar Gneiss	Hematite / Limonite	4,200	2.71	21,300	22,200
MDS-P-031	Boulder	Quartz-Feldspar Gneiss	Hematite / Limonite	3,600	0.17	1,250	1,490
MDS-P-032	Outcrop	Quartz-Feldspar Gneiss	Hematite / Limonite	3,500	1.44	11,500	12,800
MDS-P-033	Boulder	Quartz-Feldspar Gneiss	Hematite	2,350	0.17	1,260	1,490
MDS-P-034	Boulder	Quartz-Feldspar Gneiss	Calcite	12,300	0.99	8,250	8,730
MDS-P-035	Boulder	Quartz-Feldspar Gneiss	Calcite	2,570	0.22	1,640	1,840
MDS-P-036	Outcrop	Quartz-Feldspar Gneiss	Calcite	480		268	305
MDS-P-037	Outcrop	Quartz-Feldspar Gneiss	Calcite	1,350		341	396
MDS-P-038	Outcrop	Quartz-Feldspar Gneiss	Hematite	340		279	303
MDS-P-039	Outcrop	Granite	Hematite	420		60	72
MDS-P-040	Outcrop	Granite	Hematite / Calcite	1,650	0.10	799	874
MDS-P-041	Outcrop	Granite	Hematite/Calcite	780		203	241
MDS-P-042	Boulder	Mafic Dyke	Hematite	391		172	191
MDS-P-043	Outcrop	Quartz-Feldspar Gneiss	Hematite	210		84	91
MDS-P-044	Outcrop	Quartz-Feldspar Gneiss	Hematite	830	0.06	463	503
MDS-P-045	Outcrop	Quartz-Feldspar Gneiss	Hematite / Limonite	1,360	0.17	1,310	1,420
MDS-P-046	Outcrop	Quartz-Feldspar Gneiss	Hematite	2,320	0.22	1,530	1,770
MDS-P-047	Boulder	Quartz-Feldspar Gneiss	Hematite / Calcite	9,300	0.45	3,410	3,880
MDS-P-048	Outcrop	Quartz-Feldspar Gneiss	Hematite	214		92	190
MDS-P-049	Outcrop	Basalt	Hematite	345	0.10	638	896
MDS-P-050	Outcrop	Arkose	Hematite	710		315	403
MDS-P-051	Outcrop	Arkose	Hematite / Calcite	6,150	0.63	4,800	5,230
MDS-P-052	Boulder	Arkose	Hematite / Calcite	>65,535	5.74	44,200	49,300