

Table 1: Geochemical Assay Results from 2017 Prospecting Program on Alces Lake Property

Sample #	Figure Reference #	From (m)	To (m)	Interval (m)	Sample Source	Lithology	Area	CeO ₂ (wt%)	Dy ₂ O ₃ (wt%)	Er ₂ O ₃ (wt%)	Eu ₂ O ₃ (wt%)	Gd ₂ O ₃ (wt%)	Ho ₂ O ₃ (wt%)	La ₂ O ₃ (wt%)	Lu ₂ O ₃ (wt%)	Nd ₂ O ₃ (wt%)	Pr ₆ O ₁₁ (wt%)	Sc ₂ O ₃ (wt%)	Sm ₂ O ₃ (wt%)	Tb ₄ O ₇ (wt%)	ThO ₂ (wt%)	Tm ₂ O ₃ (wt%)	U ₃ O ₈ (wt%)	Y ₂ O ₃ (wt%)	Yb ₂ O ₃ (wt%)	Total REO (wt%)	
102068	13a	0.00	0.95	0.95	Outcrop (cut)		Ivan Zone	23.708	0.124	0.091	0.016	0.662	0.011	10.731	0.001	9.506	3.008	0.002	1.426	0.056	5.505	0.005	0.199	0.292	0.003	49.642	
102069 to 102070	13b	0.00	1.85	1.85	Outcrop (cut)		Ivan Zone	22.118	0.115	0.085	0.015	0.608	0.011	9.847	0.001	8.714	2.743	0.002	1.325	0.052	4.722	0.005	0.193	0.277	0.003	45.919	
102051	18				Boulder (grab)		Wilson Zone	14.864	0.085	0.058	0.008	0.413	0.007	6.556	0.001	5.867	1.788	0.002	0.881	0.035	3.624	0.003	0.133	0.193	0.002	30.764	
102063 to 102067	16b	0.00	2.70	2.70	Outcrop (cut)	pegmatite	Wilson Zone	8.963	0.049	0.036	0.005	0.250	0.004	3.944	0.001	3.556	1.050	0.002	0.527	0.022	2.176	0.002	0.076	0.117	0.001	18.527	
102044 to 102046	16a	0.00	4.60	4.60	Outcrop (cut)	pegmatite	Wilson Zone	4.373	0.025	0.018	0.003	0.123	0.003	1.929	0.001	1.740	0.519	0.002	0.260	0.011	1.093	0.001	0.036	0.060	0.001	9.067	
102059 to 102062	incl.				Outcrop (cut)	pegmatite	Wilson Zone	10.106	0.055	0.040	0.005	0.282	0.005	4.457	0.001	4.016	1.213	0.002	0.605	0.025	2.487	0.002	0.085	0.130	0.002	20.944	
102036	14	0.00	1.80	1.80	Outcrop (grab)	pegmatite	Wilson Zone	5.921	0.038	0.025	0.003	0.175	0.002	2.568	0.001	2.379	0.714	0.002	0.361	0.015	1.604	0.001	0.064	0.090	0.001	12.296	
102047 to 102050	17	0.00	1.80	1.80	Outcrop (cut)	pegmatite	Wilson Zone	3.191	0.018	0.013	0.002	0.090	0.002	1.409	0.001	1.277	0.375	0.002	0.184	0.008	0.835	0.001	0.024	0.045	0.001	6.617	
102043	15	0.00	0.37	0.37	Outcrop (cut)	pegmatite	Wilson Zone	0.896	0.008	0.005	0.001	0.028	0.001	0.406	0.001	0.355	0.094	0.005	0.044	0.002	0.234	0.001	0.001	0.023	0.001	1.865	
102039	20c				Outcrop (grab)		Danny Zone	6.511	0.054	0.034	0.003	0.196	0.001	2.850	0.001	2.636	0.761	0.002	0.385	0.020	2.010	0.001	0.052	0.171	0.003	13.630	
102038	20b				Outcrop (grab)	granite	Danny Zone	6.007	0.048	0.030	0.003	0.176	0.001	2.639	0.001	2.438	0.672	0.002	0.348	0.018	1.732	0.001	0.037	0.150	0.003	12.535	
102042	22				Outcrop (grab)	pegmatite	Danny Zone	5.823	0.032	0.023	0.002	0.150	0.002	2.533	0.001	2.298	0.674	0.002	0.327	0.013	1.486	0.001	0.035	0.074	0.001	11.954	
102041	21b				Outcrop (grab)	pegmatite	Danny Zone	4.778	0.026	0.019	0.001	0.124	0.001	2.111	0.001	1.901	0.509	0.002	0.266	0.012	1.187	0.001	0.026	0.065	0.001	9.818	
102037	20a				Outcrop (grab)	granite	Danny Zone	4.471	0.049	0.026	0.002	0.145	0.001	1.935	0.001	1.843	0.476	0.002	0.275	0.015	1.122	0.001	0.020	0.156	0.005	9.403	
102040	21a				Outcrop (grab)	granite	Danny Zone	1.137	0.015	0.008	0.001	0.041	0.001	0.482	0.001	0.495	0.124	0.002	0.072	0.005	0.300	0.001	0.001	0.047	0.001	2.432	
102021	4				Boulder (grab)		Hinge Zone	4.263	0.024	0.017	0.001	0.111	0.001	1.888	0.001	1.680	0.454	0.002	0.225	0.009	1.090	0.001	0.031	0.055	0.001	8.731	
102020	3				Boulder (grab)		Hinge Zone	2.211	0.014	0.010	0.001	0.063	0.001	0.971	0.001	0.875	0.211	0.002	0.109	0.006	0.624	0.001	0.021	0.034	0.001	4.512	
102033	6				Boulder (grab)		Hinge Zone	1.818	0.010	0.008	0.001	0.050	0.001	0.800	0.001	0.721	0.197	0.002	0.101	0.005	0.591	0.001	0.015	0.022	0.001	3.736	
102029 to 102032	5b	0.23	1.73	1.50	Outcrop (cut)	pegmatite	Hinge Zone	0.922	0.006	0.004	0.001	0.025	0.001	0.404	0.001	0.370	0.096	0.002	0.050	0.002	0.266	0.001	0.007	0.014	0.001	1.899	
102028	5a	0.00	0.23	0.23	Outcrop (cut)	semipelitic to pelitic gneiss	Hinge Zone	0.009	0.002	0.001	0.001	0.001	0.001	0.005	0.001	0.003	0.001	0.003	0.001	0.001	0.001	0.002	0.001	0.001	0.010	0.001	0.041
102035	11				Outcrop (grab)		NW Wilson Zone	2.432	0.016	0.011	0.001	0.075	0.001	1.082	0.001	0.960	0.324	0.003	0.146	0.007	0.660	0.001	0.024	0.038	0.001	5.098	
102034	10				Boulder (grab)		NW Wilson Zone	2.309	0.017	0.011	0.001	0.069	0.001	0.997	0.001	0.923	0.256	0.002	0.131	0.007	0.666	0.001	0.015	0.047	0.001	4.774	
102054	7				Outcrop (grab)	pegmatite	NW Wilson Zone	0.816	0.006	0.003	0.001	0.025	0.001	0.352	0.001	0.324	0.087	0.002	0.043	0.002	0.261	0.001	0.004	0.013	0.001	1.677	
102053	8				Outcrop (grab)	pegmatite	NW Wilson Zone	0.362	0.003	0.001	0.001	0.012	0.001	0.160	0.001	0.147	0.036	0.002	0.021	0.001	0.113	0.001	0.007	0.006	0.001	0.757	
102052	9				Outcrop (grab)	pegmatite	NW Wilson Zone	0.044	0.001	0.001	0.001	0.003	0.001	0.021	0.001	0.017	0.006	0.003	0.001	0.001	0.014	0.001	0.001	0.005	0.001	0.108	
102058	19	0.00	0.60	0.60	Outcrop (cut)	pegmatite	SE Wilson Zone	0.486	0.010	0.007	0.001	0.016	0.001	0.216	0.001	0.191	0.052	0.012	0.027	0.002	0.139	0.001	0.001	0.048	0.007	1.068	
102056 to 102057	23	0.00	1.30	1.30	Outcrop (cut)	pegmatite	Regional	0.603	0.005	0.003	0.001	0.019	0.001	0.265	0.001	0.244	0.060	0.002	0.033	0.002	0.177	0.001	0.004	0.011	0.001	1.251	
102055	24	0.00	0.70	0.70	Outcrop (cut)	pegmatite	Regional	0.147	0.001	0.001	0.001	0.006	0.001	0.065	0.001	0.059	0.018	0.002	0.006	0.001	0.040	0.001	0.001	0.004	0.001	0.314	
102025 to 102026	1a	0.00	0.91	0.91	Outcrop (cut)	pegmatite	Regional	0.139	0.003	0.001	0.001	0.006	0.001	0.059	0.001	0.055	0.014	0.002	0.009	0.001	0.050	0.001	0.001	0.009	0.001	0.301	
102022 to 102024	2	0.00	0.85	0.85	Outcrop (cut)	pegmatite	Regional	0.048	0.001	0.001	0.001	0.001	0.001	0.023	0.001	0.019	0.006	0.002	0.001	0.001	0.014	0.001	0.001	0.001	0.001	0.109	
102027	1b	0.91	1.27	0.36	Outcrop (cut)	semipelitic to pelitic gneiss	Regional	0.011	0.001	0.001	0.001	0.001	0.001	0.005	0.001	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.033	
102071	12	0.00	0.80	0.80	Outcrop (cut)	semipelitic to pelitic gneiss	Regional	0.010	0.001	0.001	0.001	0.001	0.001	0.006	0.001	0.005	0.001	0.003	0.001	0.001	0.001	0.004	0.001	0.001	0.004	0.001	0.040

REE to REO conversion factors: multiply by

1.2284 1.1477 1.1435 1.1579 1.1526 1.1455 1.1728 1.1371 1.1664 1.2082 1.5338 1.1596 1.1762 1.069 1.1421 1.1792 1.2699 1.1387

NOTE: The REE Promethium (Pm) is not reported because it forms as a product of spontaneous fission of U-238 and is extremely scarce in nature

- Indicates high-grade Total REOs (> 2 weight % Total REO)
- Highlighting Nd grades associated with high-grade Total REOs
- Highlighting Pr grades associated with high-grade Total REOs
- Indicates radioactive elements

(a,b,c) indicate different sample locations within the same general area

All values of 0.001 weight % are below detection limit

No cut-off grades were applied but samples of different lithologies were not calculated together

True thicknesses are not determined