

Sub-Zone	Line	From (m)	To (m)	Interval (m)	La2O3 wt%	CeO2 wt%	Pr6O11 wt%	Nd2O3 wt%	Sm2O3 wt%	Eu2O3 wt%	Gd2O3 wt%	Tb4O7 wt%	Dy2O3 wt%	Ho2O3 wt%	Er2O3 wt%	Yb2O3 wt%	Lu2O3 wt%	Y2O3 wt%	ThO2 wt%	U3O8 wt%	TREO wt%	CREO wt%	
North	1																						
North	2																						
North	3	1.94	3.62	1.68	1.443	3.001	0.322	1.028	0.142	0.002	0.080	0.004	0.014	0.002	0.005	0.001	0.000	0.038	0.791	0.018	6.081	1.370	
North	4	3.43	7.46	4.03	1.684	3.476	0.361	1.149	0.160	0.002	0.092	0.005	0.016	0.002	0.005	0.000	0.000	0.045	0.882	0.024	6.997	1.533	
North	5	3.69	7.24	3.55	3.395	7.093	0.798	2.518	0.329	0.004	0.188	0.010	0.033	0.004	0.011	0.001	0.000	0.090	1.790	0.050	14.474	3.363	
North	6	2.15	6.72	4.57	1.266	2.610	0.275	0.875	0.122	0.002	0.070	0.004	0.013	0.002	0.004	0.000	0.000	0.039	0.745	0.017	5.282	1.169	
North	7	4.04	5.40	1.36	1.460	2.981	0.305	0.968	0.135	0.002	0.078	0.004	0.014	0.002	0.005	0.000	0.000	0.043	0.727	0.021	5.997	1.293	
North	8	2.00	4.27	2.27	2.285	4.715	0.510	1.554	0.220	0.003	0.125	0.007	0.022	0.003	0.007	0.001	0.000	0.061	1.325	0.030	9.510	2.095	
North	9	1.50	4.09	2.59	2.093	4.245	0.438	1.401	0.196	0.003	0.113	0.006	0.020	0.002	0.006	0.001	0.000	0.058	1.155	0.034	8.582	1.869	
North	10	1.35	6.10	4.75	3.513	7.140	0.768	2.293	0.310	0.004	0.179	0.009	0.031	0.004	0.010	0.001	0.000	0.090	1.513	0.055	14.351	3.104	
Central	11	0.00	1.81	1.81	3.599	7.130	0.763	2.397	0.303	0.004	0.177	0.008	0.031	0.004	0.010	0.001	0.000	0.093	1.918	0.056	14.521	3.203	
Central	12	0.00	1.11	1.11	2.834	5.801	0.609	1.825	0.253	0.003	0.145	0.007	0.025	0.003	0.008	0.001	0.000	0.072	1.496	0.043	11.586	2.469	
Central	13	1.02	5.50	4.48	2.554	5.248	0.564	1.713	0.225	0.003	0.132	0.006	0.023	0.003	0.007	0.000	0.000	0.064	1.149	0.041	10.544	2.310	
Central	14	3.50	5.03	1.53	1.334	2.698	0.282	0.833	0.116	0.002	0.067	0.003	0.011	0.001	0.004	0.000	0.000	0.034	0.678	0.021	5.385	1.131	
Central	15	4.35	8.96	4.61	2.123	4.333	0.462	1.387	0.193	0.003	0.111	0.006	0.019	0.002	0.006	0.000	0.000	0.058	1.112	0.032	8.703	1.877	
Central	16	4.10	6.08	1.98	2.950	5.892	0.636	1.901	0.264	0.004	0.155	0.008	0.027	0.003	0.008	0.000	0.000	0.074	1.568	0.049	11.923	2.575	
Central	17	1.49	4.56	3.07	1.865	3.777	0.386	1.213	0.165	0.002	0.096	0.005	0.017	0.002	0.005	0.000	0.000	0.051	0.943	0.028	7.587	1.624	
Central	18	1.26	3.45	2.19	2.084	4.384	0.439	1.355	0.191	0.003	0.111	0.006	0.019	0.002	0.006	0.000	0.000	0.054	1.020	0.033	8.655	1.822	
Central	19	0.00	1.24	1.24	1.348	2.849	0.281	0.890	0.125	0.002	0.071	0.004	0.013	0.001	0.004	0.000	0.000	0.036	0.752	0.024	5.625	1.189	
South	20	1.99	4.03	2.04	2.697	5.784	0.604	1.919	0.265	0.003	0.152	0.008	0.025	0.003	0.008	0.001	0.000	0.064	1.431	0.041	11.533	2.559	
South	21	5.77	7.36	1.59	2.712	5.779	0.611	1.840	0.265	0.003	0.152	0.008	0.025	0.003	0.008	0.000	0.000	0.065	1.477	0.041	11.471	2.487	
South	22	4.22	7.55	3.33	1.090	2.329	0.240	0.758	0.108	0.001	0.063	0.004	0.012	0.001	0.004	0.000	0.000	0.034	0.644	0.017	4.645	1.015	
South	23																						
South	24																						
South	25																						
South-Central	26																						
South-Central	27																						
South-Central	28																						
South-Central	29																						
South-Central	30																						
South-Central	31																						
South-Central	32																						
South-Central	33																						
South-Central	34																						
South-Central	35																						
REE to REO conversion factors; multiply by					1.173	1.228	1.208	1.166	1.160	1.158	1.153	1.176	1.148	1.146	1.144	1.139	1.137	1.264	1.069	1.179			

NOTES: CREO = (Pr6O11 + Nd2O3 + Eu2O3 + Tb4O7 + Dy2O3)

The REEs Thulium (Tm) and Promethium (Pm) are not reported because they are both extremely scarce in nature, and Pm forms as a product of spontaneous fission of U-238

- Highlighting Nd grades associated with high-grade Total REOs
- Highlighting Pr grades associated with high-grade Total REOs
- Highlighting "high-grade" Total and Critical REOs (i.e. >1.897\* wt% Total REO)
- Indicates light rare earth elements
- Indicates heavy rare earth elements
- Indicates radioactive elements

Conditions Used for Reporting Composite Results

- cutoff grade = 4.0 wt% Total Rare Earth Oxide ("TREO")
- maximum internal dilution along lines does not exceed 2.0 m

\*Note: >1.897 wt% TREO represents >75th percentile for global REO deposit grades of advanced stage-projects (excluding Gakara, Steenkampskraal and Mount Weld CLD deposits). The global REO deposit information was derived from publicly available information as of January 31, 2018, from individual company websites, SEDAR technical report filings, and the Technology Metals Research Advanced Rare Earth Projects Index (<http://www.techmetalsresearch.com/metrics-indices/tmr-advanced-rare-earth-projects-index/>)