

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%	Y2O3 wt%	ThO2 wt%	U3O8 wt%	TREO wt%	CREO wt%	
1																					
2	0.91	1.91	1.00	0.350	0.819	0.086	0.268	0.035	0.001	0.020	0.001	0.003	0.000	0.001	0.000	0.010	0.254	0.005	1.594	0.359	
3	0.99	2.20	1.21	0.221	0.469	0.051	0.158	0.021	0.000	0.013	0.001	0.002	0.000	0.001	0.000	0.008	0.131	0.003	0.946	0.213	
4	1.67	2.85	1.18	1.204	2.609	0.272	0.848	0.115	0.002	0.070	0.003	0.011	0.001	0.004	0.000	0.035	0.680	0.018	5.176	1.137	
5	1.70	3.04	1.34	0.542	1.181	0.124	0.384	0.052	0.001	0.032	0.002	0.005	0.001	0.002	0.000	0.017	0.290	0.008	2.342	0.516	
6	2.22	3.63	1.41	0.940	2.064	0.218	0.679	0.091	0.001	0.055	0.003	0.009	0.001	0.003	0.000	0.025	0.548	0.013	4.090	0.910	
7	1.61	4.69	3.08	0.923	1.952	0.206	0.646	0.087	0.002	0.053	0.003	0.009	0.001	0.003	0.000	0.028	0.516	0.015	3.912	0.865	
8	1.65	3.86	2.21	1.064	2.261	0.253	0.799	0.110	0.002	0.070	0.004	0.016	0.002	0.005	0.001	0.055	0.586	0.018	4.643	1.075	
9	1.66	4.47	2.81	0.437	0.911	0.099	0.311	0.043	0.001	0.028	0.002	0.006	0.001	0.002	0.001	0.022	0.243	0.007	1.862	0.419	
10	2.33	4.72	2.39	0.606	1.307	0.141	0.448	0.061	0.001	0.036	0.002	0.007	0.001	0.002	0.001	0.023	0.352	0.010	2.636	0.599	
11																					
12																					
13	0.94	4.94	4.00	1.789	3.788	0.414	1.232	0.165	0.002	0.100	0.005	0.016	0.002	0.005	0.001	0.048	0.908	0.031	7.568	1.669	
14	1.60	6.73	5.13	3.599	7.285	0.840	2.502	0.323	0.004	0.198	0.009	0.031	0.004	0.010	0.001	0.090	1.827	0.061	14.895	3.386	
15	1.64	5.48	3.84	1.838	3.851	0.427	1.239	0.163	0.002	0.100	0.005	0.015	0.002	0.005	0.000	0.046	0.976	0.028	7.695	1.689	
16	3.08	5.20	2.12	1.322	2.772	0.303	0.893	0.118	0.002	0.072	0.003	0.011	0.001	0.004	0.001	0.035	0.731	0.023	5.537	1.212	
17	3.05	6.13	3.08	2.399	4.889	0.534	1.591	0.208	0.003	0.129	0.006	0.021	0.003	0.007	0.001	0.067	1.217	0.035	9.859	2.156	
18	0.93	3.53	2.60	0.113	0.244	0.026	0.084	0.012	0.000	0.008	0.001	0.003	0.001	0.001	0.001	0.016	0.062	0.002	0.511	0.115	
19	1.31	3.62	2.31	0.092	0.189	0.021	0.066	0.009	0.000	0.006	0.000	0.002	0.000	0.001	0.001	0.009	0.062	0.002	0.396	0.089	
20	0.96	4.71	3.75	0.242	0.527	0.055	0.172	0.022	0.000	0.014	0.001	0.003	0.000	0.001	0.001	0.010	0.145	0.005	1.049	0.231	
21	1.43	3.00	1.57	0.228	0.467	0.053	0.164	0.022	0.000	0.013	0.001	0.003	0.000	0.001	0.001	0.010	0.141	0.004	0.963	0.221	
22																					
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	1.264	1.069	1.179			

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

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

- 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 = 0.1 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/>)