Individual Rare Earth Oxide Component Disclosure – Rift Project

Supporting detail for Rare Earth Oxide (REO) values referenced in Apex Critical Minerals Corp. ("Apex" or the "Company") news releases, corporate presentation, and website

REO ("Rare Earth Oxide") is a reporting convention used within the rare earth industry, defined by the Company as the sum of the following individual rare earth oxides: Ce_2O_3, La_2O_3, Pr_2O_3, Nd_2O_3, Sm_2O_3, Eu_2O_3, Gd_2O_3, Tb_2O_3, Dy_2O_3, Ho_2O_3, Er_2O_3, Tm_2O_3, Yb_2O_3, Lu_2O_3, and Y_2O_3. NdPr distribution is calculated as (Nd_2O_3 + Pr_2O_3) / REO × 100.

REO is not a directly measured assay result. Individual rare earth elements are reported by the analytical laboratory in parts per million (ppm) on an elemental basis. Each element is converted to its corresponding oxide using a fixed gravimetric conversion factor derived from molecular weight ratios, as set out in Table 1 below. The oxide value for each element is calculated as:

Oxide (ppm) = Element (ppm) × Conversion Factor

The REO value reported for a given sample or interval is the arithmetic sum of the fifteen individual oxide values (ppm), converted to a percentage:

REO (%) = Σ (individual oxides, ppm) ÷ 10,000

The individual element-to-oxide conversion factors used by the Company are set out below.

Table 1: Element-to-Oxide Conversion Factors

Element	Oxide	Conversion Factor	Assay Unit
Ce	Ce_2O_3	1.1713	ppm
Dy	Dy_2O_3	1.1477	ppm
Er	Er_2O_3	1.1435	ppm
Eu	Eu_2O_3	1.1579	ppm
Gd	Gd_2O_3	1.1526	ppm
Ho	Ho_2O_3	1.1455	ppm
La	La_2O_3	1.1728	ppm
Lu	Lu_2O_3	1.1371	ppm
Nd	Nd_2O_3	1.1664	ppm
Pr	Pr_2O_3	1.1703	ppm
Sm	Sm_2O_3	1.1596	ppm
Tb	Tb_2O_3	1.1510	ppm
Tm	Tm_2O_3	1.1421	ppm
Y	Y_2O_3	1.2699	ppm
Yb	Yb_2O_3	1.1387	ppm

Note: The conversion factors above are standard gravimetric factors based on the ratio of the molecular weight of each rare earth oxide to the atomic weight of its corresponding element, and are consistent with factors commonly applied across the rare earth exploration industry. REO values presented by the Company reflect the sum of assayed individual oxide grades and do not imply any metallurgical recovery, as recoveries have not yet been established for the Rift Project.

Table 2: Individual Rare Earth Oxide Assay Results – Rift Project

Individual oxide values (ppm) underlying all REO grades publicly disclosed by the Company to date. Shaded rows denote historical drillholes (pre-Apex).

Drillhole ID	From (m)	To (m)	Interval (m)	Ce_2O_3	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_2O_3	Sm_2O_3	Tb_2O_3	Tm_2O_3	Y_2O_3	Yb_2O_3	REO (%)
RIFT26-001A	177.0	319.8	142.8	6,760	27	10	29	59	4	5,654	1	1,470	564	130	6	1	117	7	1.48
RIFT26-001A	248.4	319.8	71.4	8,177	23	8	26	50	4	7,298	1	1,589	647	123	5	1	96	6	1.81
RIFT26-001A	248.4	301.7	53.3	8,929	24	9	27	53	4	8,057	1	1,720	704	131	6	1	99	6	1.98
RIFT26-001A	248.4	293.4	45.0	9,363	24	8	27	53	4	8,513	1	1,777	733	132	5	1	96	6	2.07
RIFT26-001A	248.4	282.2	33.9	9,701	23	8	27	53	4	8,893	1	1,838	763	135	5	1	94	5	2.16
RIFT26-001A	248.4	273.3	24.9	10,799	23	8	28	54	3	10,035	1	1,990	838	141	5	1	94	5	2.40
RIFT26-002	180.6	295.4	114.8	8,367	36	12	39	79	6	6,201	1	1,946	716	176	8	1	151	8	1.77
RIFT26-002	213.8	295.4	81.6	9,565	34	12	40	78	5	7,097	1	2,173	812	188	8	1	139	7	2.02
RIFT26-002	244.5	295.4	50.9	11,408	32	11	40	74	5	8,656	1	2,442	952	191	7	1	125	6	2.40
RIFT26-002	277.3	295.4	18.1	13,894	29	8	43	77	4	10,360	1	2,898	1,166	211	7	1	99	5	2.88
RIFT26-002	279.3	291.2	11.9	14,638	26	8	39	70	4	11,174	1	2,913	1,202	199	7	1	90	4	3.04
RIFT26-002	327.0	337.5	10.5	6,370	58	19	59	124	9	3,613	1	2,066	644	248	13	2	226	11	1.35
RIFT26-002	358.0	373.0	15.1	5,374	77	32	66	139	13	3,056	3	2,049	584	268	16	4	375	25	1.21
RIFT26-002	484.9	494.9	10.0	1,912	70	18	136	230	9	499	1	3,183	505	672	19	2	238	10	0.75
RIFT26-003	177.0	301.0	124.0	8,929	46	15	50	100	7	6,916	1	2,191	784	213	10	2	191	9	1.95
RIFT26-003	177.0	257.0	80.0	10,473	50	17	55	111	8	8,385	1	2,464	901	238	11	2	214	11	2.29
RIFT26-003	177.0	200.7	23.7	18,165	54	20	71	137	8	16,009	2	3,679	1,438	317	13	2	245	14	4.02
RIFT26-003	177.0	189.5	12.5	22,507	65	22	87	168	10	18,527	2	4,610	1,770	384	16	3	282	15	4.85
RIFT26-003	293.0	301.0	8.0	12,404	29	9	42	75	4	9,631	1	2,730	1,036	204	7	1	102	5	2.63
RIFT26-003	431.5	436.4	4.9	3,072	45	12	85	143	6	646	1	3,096	649	436	11	1	163	7	0.84
RIFT26-003	478.5	483.1	4.7	1,956	48	10	122	201	5	323	1	3,128	533	591	15	1	154	5	0.71
RIFT26-003	514.7	528.1	13.5	4,475	50	14	80	144	7	2,017	1	2,786	653	400	13	2	196	9	1.08
RIFT26-003	557.5	574.7	17.2	3,535	46	12	85	148	6	955	1	2,874	637	417	12	1	164	8	0.89
RIFT26-003	595.5	602.5	7.0	4,263	29	7	68	113	4	1,413	0	2,566	627	350	8	1	99	4	0.96
RIFT26-003	617.6	622.2	4.6	3,890	26	7	46	80	3	1,482	1	1,936	501	226	7	1	95	4	0.83
RIFT26-003	634.8	639.0	4.2	6,184	29	6	76	129	3	1,857	0	3,413	913	389	9	1	90	3	1.31
RIFT26-003	663.9	668.0	4.1	4,102	53	17	66	129	8	1,448	1	2,230	581	299	12	2	226	11	0.92
RIFT26-003	687.0	709.7	22.7	3,557	22	6	53	90	3	1,249	0	2,062	534	268	7	1	73	3	0.79
RIFT26-003	687.0	697.9	10.9	4,554	25	6	60	102	3	1,762	0	2,337	639	297	8	1	80	4	0.99
RIFT26-003	714.2	720.1	5.9	3,812	25	5	62	104	3	1,155	0	2,419	599	314	8	1	75	3	0.86
RIFT26-003	751.4	762.0	10.5	3,983	36	8	79	136	4	1,155	1	2,570	625	371	11	1	105	5	0.91
RIFT26-003	783.0	797.9	14.9	3,141	52	16	65	126	7	1,141	1	1,831	459	279	12	2	212	10	0.74
RIFT26-003	783.0	788.5	5.5	3,595	62	16	91	170	8	1,114	1	2,393	579	394	16	2	219	10	0.87
RIFT26-004	192.6	232.1	39.5	6,620	31	11	33	66	5	4,514	1	1,636	594	151	7	1	138	7	1.38
RIFT26-004	216.5	232.1	15.6	10,031	25	8	32	60	4	7,599	1	2,116	840	161	6	1	108	5	2.10
RIFT26-004	320.6	326.2	5.6	9,460	44	15	48	97	6	6,956	1	2,245	790	219	10	2	182	10	2.01
RIFT26-005A	252.6	389.8	137.2	9,198	40	14	44	90	6	7,393	1	2,099	788	195	9	2	171	9	2.01
RIFT26-005A	290.5	370.4	80.0	11,476	41	14	47	95	6	9,621	1	2,467	955	212	10	2	169	8	2.51

Drillhole ID	From (m)	To (m)	Interval (m)	Ce_2O_3	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_2O_3	Sm_2O_3	Tb_2O_3	Tm_2O_3	Y_2O_3	Yb_2O_3	REO (%)
RIFT26-005A	290.5	313.5	23.1	15,609	42	14	55	104	6	13,919	1	3,240	1,267	260	10	1	164	8	3.47
RIFT26-005A	302.5	313.5	11.0	19,665	42	14	56	106	6	18,268	1	3,767	1,526	272	10	2	173	8	4.39
RIFT26-005A	418.5	426.0	7.5	7,909	82	27	79	167	12	5,203	2	2,669	828	325	18	3	340	15	1.77
RIFT26-006	191.8	401.8	210.0	6,107	31	10	33	69	5	4,643	1	1,547	542	149	7	1	122	6	1.33
RIFT26-006	200.2	243.3	43.2	7,512	33	9	39	80	4	5,399	1	2,037	682	188	8	1	111	6	1.61
RIFT26-006	252.1	262.6	10.5	6,927	14	5	16	31	2	6,553	0	1,274	508	85	3	1	57	4	1.55
RIFT26-006	258.0	262.6	4.6	10,024	15	6	18	34	2	10,204	1	1,605	692	94	3	1	64	4	2.28
RIFT26-006	358.0	401.8	43.8	12,651	36	12	44	84	5	10,620	1	2,603	1,040	211	8	1	139	7	2.75
RIFT26-006	364.0	398.0	34.1	14,055	33	11	42	79	5	12,046	1	2,766	1,130	209	8	1	127	7	3.05
RIFT26-007	178.0	246.5	68.5	11,268	24	8	31	59	4	10,092	1	2,119	892	152	6	1	95	5	2.48
RIFT26-008	161.7	194.0	32.3	11,194	34	12	38	73	5	9,748	1	2,259	915	184	8	1	135	8	2.46
RIFT26-008	163.1	181.1	18.0	13,790	19	8	26	46	3	12,989	1	2,351	1,047	144	5	1	81	6	3.05
RIFT26-008	215.9	407.7	191.9	11,727	55	19	54	115	8	10,510	1	2,387	936	220	12	2	229	11	2.63
RIFT26-008	231.7	283.8	52.2	15,971	31	13	35	66	5	15,098	1	2,701	1,191	172	7	2	139	9	3.54
RIFT26-008	245.9	283.1	37.2	17,363	34	14	37	72	5	16,451	1	2,897	1,281	181	8	2	150	10	3.85
RIFT26-008	307.3	319.5	12.3	24,405	66	24	72	157	10	25,369	2	3,901	1,718	298	16	3	273	13	5.63
RIFT26-008	372.0	402.0	30.0	16,388	121	38	120	267	18	13,843	2	4,028	1,404	460	28	4	503	21	3.72
RIFT26-009	235.8	287.0	51.2	7,472	41	13	43	87	6	5,877	1	1,883	666	188	9	1	162	7	1.65
RIFT26-009	235.8	258.0	22.2	10,987	39	11	46	91	5	9,481	1	2,423	907	212	9	1	146	6	2.44
RIFT26-009	427.7	432.9	5.2	7,861	39	12	45	87	5	4,829	1	2,418	811	216	9	1	154	7	1.65
RIFT26-010	166.3	406.0	239.7	7,450	43	15	44	90	7	5,717	1	1,842	645	184	10	2	176	9	1.62
RIFT26-010	166.3	238.8	72.6	9,180	43	14	45	91	6	7,533	1	2,199	785	206	10	2	174	8	2.03
RIFT26-010	166.3	216.8	50.6	10,655	40	14	44	88	6	9,206	1	2,367	880	208	9	2	163	8	2.37
RIFT26-010	166.3	196.5	30.2	13,828	43	14	49	97	6	12,253	1	2,923	1,115	241	10	2	169	8	3.08
RIFT26-010	334.9	343.0	8.1	14,497	49	17	50	105	7	12,796	2	2,755	1,122	212	12	2	202	12	3.18
RIFT26-010	391.1	406.0	14.9	22,911	129	41	145	308	18	19,068	3	5,328	1,832	577	31	4	511	22	5.09
EC-043	189.0	323.1	134.1	5,820	33	10	39	67	5	3,671	1	1,719	551	181	8	1	133	6	1.22
EC-043	243.8	256.0	12.2	15,323	38	11	60	100	6	10,915	1	3,586	1,314	284	10	1	154	7	3.18
EC-043	295.7	323.1	27.4	8,857	35	10	54	78	5	5,282	1	2,697	833	278	9	1	138	9	1.83
EC-093	149.4	304.8	155.5	12,211	33	13	45	60	5	10,851	1	2,449	1,004	188	9	2	165	10	2.70
EC-093	179.8	234.7	54.9	14,898	27	9	44	48	4	13,865	1	2,749	1,202	180	8	1	117	6	3.32
NEC11-004	188.4	424.6	236.2	9,673	46	15	44	119	7	7,856	1	2,062	758	193	11	2	205	10	2.10
NEC11-004	247.0	315.2	68.2	15,224	33	13	36	107	5	13,612	1	2,673	1,100	187	8	2	150	9	3.32

Note: Drillholes EC-043, EC-093, and NEC11-004 are historical holes drilled by prior operators, included here for completeness as they underlie previously disclosed REO values. All other holes (RIFT26- prefix) were drilled by the Company.