

CHARLEY CREEK ALLUVIAL REE PROJECT: ASSAY SUMMARIES NOVEMBER 24, 2011

	CeO ₂	Dy ₂ O ₃	Er ₂ O ₃	Eu ₂ O ₃	Gd ₂ O ₃	Ho ₂ O ₃	La ₂ O ₃	Lu ₂ O ₃	Nd ₂ O ₃	Pr ₆ O ₁₁	Sm ₂ O ₃	Tb ₄ O ₇	Tm ₂ O ₃	Y ₂ O ₃	Yb ₂ O ₃	%LREO/TREO (Ce La Nd Pr)	%MREO/TREO (Eu Gd Sm)	%HREO/TREO (Dy Er Ho Lu Tb Tm Y Yb)
Data Range	Charley Creek Alluvial Fan Prospects: 695 4m Composite aircore drill samples															DATA PLOTTED*		
Low_ppm	7.37	0.69	0.23	0.12	0.81	0.11	8.21	0.02	4.66	1.21	0.70	0.09	0.02	3.81	0.11			
Average_ppm	118.31	5.83	3.33	1.40	6.75	1.13	60.41	0.46	44.07	13.06	8.22	1.02	0.46	36.40	2.98	77.6	5.4	17.0
High_ppm	865.74	54.53	29.49	21.42	64.45	11.57	452.78	4.09	405.77	118.38	82.24	10.24	4.45	365.76	26.08			
	Cockroach Resource Data: REO RECOVERABLE GRADES back calculated from 1044 HM Concentrate Samples from auger/aircore drill samples.																	
Low_ppm	1.41	0.25	0.07	0.02	0.20	0.03	0.79	0.01	1.45	0.40	0.37	0.07	0.01	0.27	0.05			
Average_ppm	62.7	2.6	1.5	0.2	3.1	0.5	29.9	0.2	21.9	6.9	4.0	0.5	0.2	16.2	1.4	77.5	5.0	17.5
High_ppm	961.5	30.3	16.3	2.4	31.3	5.0	430.5	16.3	324.1	99.1	47.4	4.4	21.3	185.1	22.1			
	Cockroach Resource Data: REO CONCENTRATE GRADES in 1044 Non- magnetic HM Concentrate samples																	
Low_ppm	24.6	5.3	3.5	0.8	4.5	1.2	10.6	0.5	12.2	3.0	3.4	0.8	0.5	33.0	3.1			
Average_ppm	57,133	1,718	861	120	2,462	307	27,549	105	19,417	6,312	3,463	345	116	9,802	691			
High_%	23.27	0.92	0.57	0.12	1.16	0.20	11.44	0.08	8.92	2.67	1.28	0.17	0.10	6.35	0.57			

Note: All assays by ICP-MS (and ICP-OES on high grade REE) on samples digested using Lithium Borate Fusion at ALS Global and ITS/Genalysis laboratories.

*These numbers are the arithmetic average of LREO, MREO, HREO, and TREO for each sample in the data set. They are not mathematically the same as the average derived from individual elements in the table to the left.