25 November 2011

Company Announcements Office
Australian Stock Exchange Limited
4th Floor, 20 Bridge Street
SYDNEY NSW 2000

Dear Sir/Madam

CHARLEY CREEK ALLUVIALS CONTAIN HIGH PROPORTIONS OF THE CRITICAL HEAVY RARE EARTH ELEMENTS (REE)

A study of the analyses of all samples from drilling on the principal REE prospects in the large alluvial fan deposits at Charley Creek, as well as in the Cockroach Alluvial Prospect shows that the alluvium contains outstandingly high proportions of the critical heavy rare earth elements (Dy, Er, Ho, Lu, Tb, Tm, Yb, & Y). The data includes assays of 695 four metre composite samples of alluvium in 220 aircore drill holes on the alluvial fans on the plains at Cattle Creek, Western Dam and Dad's Dam Prospects, covering an area in excess of 150 square kilometres, as well as 1,044 samples from auger and aircore drilling at the Cockroach Alluvial Prospect.

Figure 2 shows a breakdown of LREO, MREO and HREO (light, medium and heavy rare earth oxides) averaged over the entire 695 samples. Also shown is the same LREO, MREO and HREO breakdown for 1,044 samples from the Cockroach Alluvial Prospect. Chemical analyses of the Cockroach Alluvial samples were from heavy mineral concentrates recovered from drill samples and then weighted back to reflect *recoverable* REE in the alluvium, while analyses of the Alluvial Fan samples were taken directly from the drill cuttings that have not been concentrated. The detailed assay information used to construct these graphs is summarised in the table at the end of this release. For comparison, the published proportions of LREO, MREO and HREO for three well-known advanced hard rock REE projects: Mountain Pass, Mt Weld and Nolans are also shown in Figure 2. It will be noted that the Charley Creek alluvial materials contain substantially higher proportions of the critical and strategically important HREO.

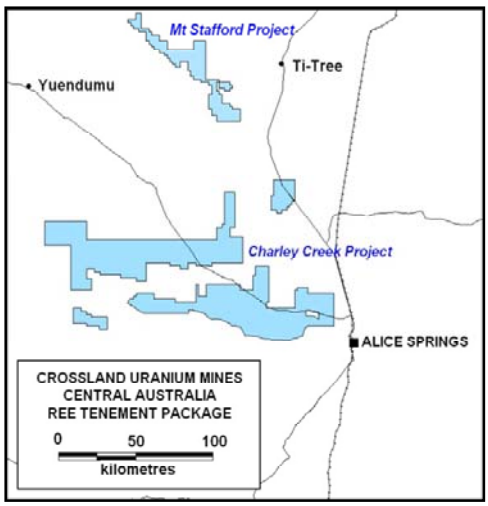

Figure 1 – Location of Crossland's Central Australian REE project tenements

Mineralogical studies conducted by Crossland earlier in 2011 have confirmed the dominance of two important REE bearing heavy mineral phases, Monazite and Xenotime, in the alluvial deposits. Monazite hosts the Light REE and Medium REE, while the Heavy REE are almost exclusively contained in Xenotime. Both minerals are considered premium sources of REE because of predictable treatment characteristics. Crossland predicts that mineral dressing studies in progress will demonstrate that either separate concentrates of monazite and xenotime, or a mixed monazite/ xenotime concentrate, may be produced from these alluvial deposits. Using REE- bearing heavy mineral concentrates generated from the mineral dressing studies, the Company will commence examining process route options for producing light and heavy rare earth products as either hydroxides or carbonates.

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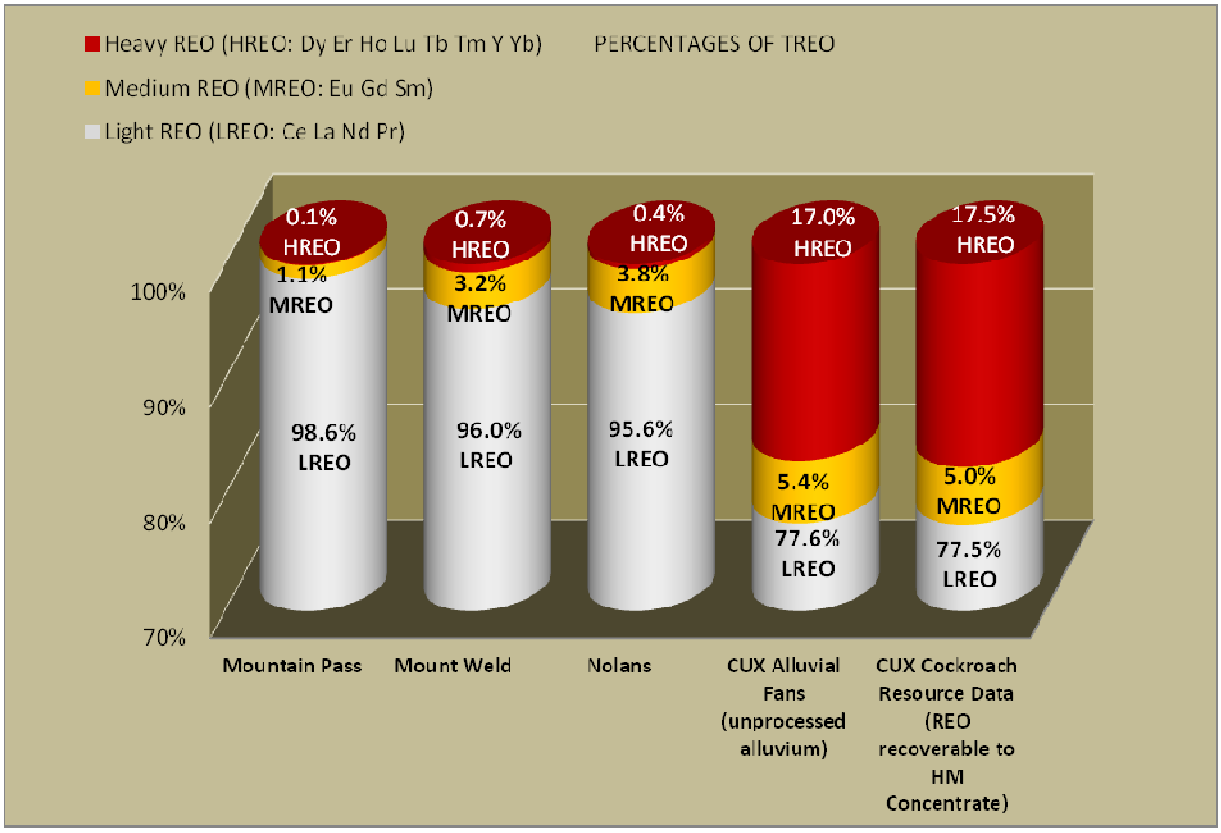

Figure 2 – Shows comparison of LREO, MREO & HREO proportions between the Charley Creek REE alluvium and known advanced REE projects (Source: US Dept. of Energy CRITICAL MATERIALS STRATEGY, Dec. 2010, and CUX data: see table below).

Geoff Eupene

Exploration Director

About the Joint Venture

As announced, Pancontinental have ceased funding and Crossland now holds the majority position in the Joint Venture. Pancontinental may elect to contribute in the future, at which point they will cease diluting but remain in the minority position and contribute at that diminished equity.

Competent Persons Statement

*The review of exploration activities and results contained in this report are based on information compiled by **Geoffrey S Eupene** FAusIMM(CP). Mr Eupene is a Fellow of the Australasian Institute of Mining and Metallurgy and is accredited as a Chartered Professional. He is a director of the Company and a full time employee of Eupene Exploration Enterprises Pty Ltd, which contracts his services to Crossland Uranium Mines Ltd. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration, and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Geoffrey S Eupene has consented to the inclusion in this report of the matters based on this information in the form and context in which it appears.*

CROSSLAND
Uranium Mines Limited

CHARLEY CREEK ALLUVIAL REE PROJECT: ASSAY SUMMARIES 24 NOVEMBER 2011

Data Range	CeO_2	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_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	%LREO/TREO (Ce La Nd Pr)	%MREO/TREO (Eu Gd Sm)	%HREO/TREO (Dy Er Ho Lu Tb Tm Y Yb)
	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 and 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.*

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