

26 March 2012

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

Dear Sir/Madam

**CHARLEY CREEK ALLUVIAL RARE EARTH PROJECT
CONCEPTUAL FLOWSHEET REPORT**

Crossland is assessing the Charley Creek Alluvial REE Project along the northern edge of the West MacDonnell Ranges in Central Australia. Key to this project is the presence of the two preferred minerals for REE production, monazite for the Light REE, and Xenotime for the Heavy REE, in easily worked alluvial sand deposits. Crossland expects that it will be possible to produce high grade concentrates of these minerals using physical processes well understood in the mineral sands industry. It should be possible to capitalise on the availability of high grade concentrates to produce upgraded rare earth products on site.

Crossland has engaged a highly qualified metallurgical consultant to guide studies of processing options that may be applicable to the Charley Creek project. The consultant has provided a detailed review on the chemistry and process fundamentals for uranium and rare earths, and is supervising heavy mineral separation flowsheet development under way at Allied Mineral Laboratories in Perth.

The review presents a series of preliminary flowsheets covering the steps from run-of-mine ore through to refining of a monazite/xenotime concentrate and production of LREE and HREE products.

The report concludes with a series of recommendations for further resource development, metallurgical testwork, environmental studies, plant requirements and flowsheet development and provides valuable guidance to Crossland management and directors for the work program currently in progress at Charley Creek.



Geoff Eupene
Exploration Director

*The review of exploration activities and results contained in this report are based on information compiled by **Geoffrey S Eupene CP**, a Fellow of the Australasian Institute of Mining and Metallurgy. He is a director of the Company and a full time employee of Eupene Exploration Enterprises Pty Ltd. He has sufficient experience which is relevant to the styles 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
ABN 64 087 595 980

PHONE: (08) 89815911 **FACSIMILE:** (08) 89411364 **EMAIL:** geupene@crosslanduranium.com.au
ADDRESS: Unit 8, Raffles Plaza, 1 Buffalo Court, Darwin 0800, NT; GPO Box 2437, Darwin, 0801, NT.