



*Greenland Minerals  
and Energy Ltd*

Friday, January 11, 2008

Company Announcements

Australian Securities Exchange Limited

## **Appointment of metallurgical consultant**

The company is pleased to advise the appointment of Mr. Peter Bartsch, of ALCHEMEDIES PTY LTD, as Consulting Metallurgist. Peter's experience includes work on a number of important uraniferous multi-element projects; including Olympic Dam & Honeymoon in South Australia, Ranger and Jabiliuka in Northern Territory, Lake Maitland, Centipede & Nowthanna in Western Australia & Lumwana Uranium Project in Africa.

His most recent experience for

### **BHP Billiton's, Olympic Dam Project**

included Process support of capital and reliability projects including, scope, testwork & process definition and equipment specification; specifically covering

- Tails and cons leach thickeners upgrade; process definition and design review
- Milled ore scats screen study and process design
- Water circuit modelling across metallurgical and tailings facilities
- Water conservation through paste thickening and liquor recycle
- Trouble shooting process stability for uranium solvent extraction
- Re-scoping options for tailings de-slime circuit upgrade
- Planning for USX performance verification
- Tailings liquor management and uranium recovery modelling

His experience has included a number of multi-element deposits and therefore has particular application to the metallurgical investigation of the Company's Kvanefjeld Multi-element Project.





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Available historical documentation has been collected and collated into a comprehensive database. Peter has completed a review of this data and proposed an initial bench scale Test Programme.

Various beneficiation methods will first be investigated; the results of which will determine the direction of further laboratory scale metallurgical investigations.

Proposals to carry out these investigations have been sought from a number of Laboratories and the company is pleased to announce the appointment of AMDEL Laboratories to carry out this test work. AMDEL has a long history of successful and innovative metallurgical investigations and is well respected for its work in uraniumiferous multi-element deposits. Appropriately their Head Office and main laboratory complex is located in Adelaide; as is Alchemedies' office; which will ensure optimal control and decision making.

In order to carry out these investigations a representative sample (a composite from 2007 diamond drill cores) is being collected in Perth & will be forwarded to AMDEL's in the next few weeks.

The company expects to have more information for release on metallurgy in the coming months.

Kind Regards

**Roderick McIlree**

Managing Director

Greenland Minerals and Energy Ltd

*The information in this report that relates to Exploration Results is based on information compiled by Roderick McIlree BSc MAusIMM.*

*Mr. McIlree is a full-time employee of Greenland Minerals And Energy Limited. Mr. McIlree has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.*

*Mr. McIlree consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.*

