

Company Announcement, January 23, 2019

Shenghe Resources and China National Nuclear Corporation (CNNC) Co-Invest in Processing Facilities for Treatment of Imported Rare Earth Minerals in China

Greenland Minerals Ltd (“GML” or “the Company”) advises that Shenghe Resources Holding Co Ltd (Shenghe) GML’s largest shareholder has formed a joint venture company with subsidiaries of China National Nuclear Corporation (CNNC), to create **China Nuclear Hua Sheng Mining Ltd (Hua Sheng)**, in which Shenghe will hold a 45% interest.

Hua Sheng will be the designated agent for Shenghe for the import, export and trading of rare earth materials and products that carry radionuclides, common constituents of rare earth rich minerals and concentrates. It will be authorised by the relevant ministries and commissions in China to undertake these activities.

Shenghe’s participation in Hua Sheng Mining provides an authorised means for the receipt, processing, and separation of rare earth elements from radioactive materials imported into China from Shenghe’s overseas rare earth resources.

In August 2018, GML entered a non-binding Memorandum of Understanding (MoU) with Shenghe that encompasses the offtake of total output of rare earth elements from Kvanefjeld in either chemical or mineral concentrate (announced August 21st, 2018). Shenghe’s involvement in Hua Sheng establishes a formal means for the import of rare earth concentrates containing uranium and thorium into China for further processing, subject to the conclusion of appropriate international safeguards arrangements by the responsible authorities covering the uranium (and thorium) component of the rare earths concentrate.

CNNC brings additional technical knowledge to the metallurgical separation of radionuclides from rare earth elements. The co-investment by Shenghe in Hua Sheng strengthens the opportunity for GML and Shenghe to pursue the finalisation of a Strategic Development Plan for the Kvanefjeld Project, as outlined in the MoU (announced August 21st, 2018).

Commenting on this significant development, GML Managing Director Dr John Mair said:

“The rare earth sector continues to evolve rapidly and Shenghe’s participation in Hua Sheng Mining along with CNNC creates a company that is authorised to import and process rare earth minerals and products enriched in radioactive elements. Shenghe’s association with CNNC provides further technical and regulatory support that will benefit the Kvanefjeld Project.”

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ABOUT GREENLAND MINERALS LTD.

Greenland Minerals Ltd (ASX: GGG) is an exploration and development company focused on developing high-quality mineral projects in Greenland. The Company's flagship project is the Kvanefjeld Rare Earth Project (rare earth elements, uranium, zinc). A pre-feasibility study was finalised in 2012, and a comprehensive feasibility study was completed in 2015 and updated following pilot plant operations in 2016. The studies highlight the potential to develop Kvanefjeld as a long-life, low cost, and large-scale producer of rare earth elements; key enablers to the electrification of transport systems.

GML is working closely with major shareholder and strategic partner Shenghe Resources Holding Co Ltd to develop Kvanefjeld as a cornerstone of future rare earth supply. An exploitation (mining) license application for the initial development strategy was reviewed by the Greenland Government through 2016 -17 and was updated in 2018 following additional supporting studies.

In 2017-18, GML undertook technical work programs with Shenghe Resources Holding Co Ltd that improved the metallurgical performance and simplified the development strategy and infrastructure footprint in Greenland. This will enhance the project cost-structure and ensure that Kvanefjeld is aligned with downstream processing. In addition, the Company continues its focus on working closely with Greenland's regulatory bodies on the processing of the mining license application and maintaining regular stakeholder updates.

Dr John Mair
Managing Director
+61 8 9382 2322

Christian Olesen
Rostra Communication
+45 3336 0429

Greenland Minerals Ltd will continue to advance the Kvanefjeld project in a manner that is in accord with both Greenlandic Government and local community expectations and looks forward to being part of continued stakeholder discussions on the social and economic benefits associated with the development of the Kvanefjeld Project.

Competent Person Statement – Mineral Resources Ore Reserves and Metallurgy

The information in this report that relates to Mineral Resources is based on information compiled by Mr Robin Simpson, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Simpson is employed by SRK Consulting (UK) Ltd ("SRK") and was engaged by Greenland Minerals Ltd on the basis of SRK's normal professional daily rates. SRK has no beneficial interest in the outcome of the technical assessment being capable of affecting its independence. Mr Simpson has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Robin Simpson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in the statement that relates to the Ore Reserves Estimate is based on work completed or accepted by Mr Damien Krebs of Greenland Minerals Ltd and Mr Scott McEwing of SRK Consulting (Australasia) Pty Ltd. The information in this report that relates to metallurgy is based on information compiled by Damien Krebs.

Damien Krebs is a Member of The Australasian Institute of Mining and Metallurgy and has sufficient experience that is relevant to the type of metallurgy and scale of project under consideration, and to the activity he is undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.

Scott McEwing is a Fellow and Chartered Professional of The Australasian Institute of Mining and Metallurgy and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.

The mineral resource estimate for the Kvanefjeld Project was updated and released in a Company Announcement on February 12th, 2015. The ore reserve estimate was released in a Company Announcement on June 3rd, 2015. There have been no material changes to the resource estimate, or ore reserve since the release of these announcements.