

Company Announcement, 16th February 2021

Kvanefjeld Project – Public Consultation Update

Greenland Minerals Ltd ('GML' or 'the Company' – **ASX:GGG**) would like to confirm the status of the Kvanefjeld Project, as a result of queries from shareholders. The status of the Project remains as set out in the announcement of 5 February 2021, namely the public consultation process that was initiated by the Greenland Government on 18 December 2020 was extended until 1 June 2021. An update on the public consultation is set out below.

The Company is aware of recent political developments in Greenland and is staying informed. Specifically, there has been a change to the current coalition government in Greenland. The Democrat party, a minority coalition member, recently withdrew from the governing coalition, leaving the Siumut and Nunatta Qitornai Parties as a minority government.

The Company will keep the market informed in the event of any material Project developments. GML continues to actively engage a broad cross section of both government, and community stakeholders in Greenland. To date, the Company has systematically and effectively advanced the Kvanefjeld Project under all successive governments since the commencement of operations in Greenland in 2007.

Public Consultation Update

As an important part of the broader public consultation process a series of official public meetings for the Kvanefjeld Project were held in three major towns (Narsarsuaq, Qaqortoq, and Narsaq) in southern Greenland between February 5th to 9th. The meetings were managed by the Greenland government's administration and were attended by representatives of the Ministry for Mineral Resources, the Environmental Agency for Mineral Resource Activities (EAMRA), a representative of the Danish Centre for Environment (DCE - independent advisor to the Greenland Government), and representatives from Greenland Minerals.

The meetings represent an important part of the stakeholder engagement process to discuss and explain the outcomes of the environmental and social impact assessments (EIA, SIA). Importantly, no issues were raised that have not been thoroughly addressed in the impact assessments. Company representatives are planning for further meetings in the coming weeks to continue the engagement process.

About the Kvanefjeld Project

The Kvanefjeld Rare Earth Project is one of the most significant and advanced emerging rare earth projects globally. Kvanefjeld is a world-class development opportunity for Greenland to become an internationally significant supplier of materials that are critical to the green industrial revolution that is rapidly gaining momentum.

The Project is unique with respect to its favourable metallurgy and forecast production profile across all commercially important rare earths. Kvanefjeld is located near existing infrastructure in southern Greenland with year-round direct shipping access to the project area.

Rare earth elements are critical to the electric vehicle revolution, as well as many other energy efficient applications. The Kvanefjeld Project is forecast to be a globally significant producer of all commercially important rare earth elements including **neodymium, praseodymium, terbium and dysprosium**, over an initial **37**-year mine life.

These rare earths are used to make high powered permanent magnets that are utilised in electric vehicles, along with many other applications. Kvanefjeld is well-placed to meet the major surge in rare earth demand that will be generated by the transition to electric vehicles, along with growth in renewable energy.

Greenland Minerals Ltd has an internationally diverse shareholder base. The largest shareholder (9.7%) is Shenghe Resources Holding Co Ltd, a leading international rare earth company that supplies end-user industries globally with high purity rare earth metals and oxides. Shenghe have also played a key role in the successful restart of the Mountain Pass rare earth mine in the United States. Shenghe bring full rare earth value chain proficiency to the Kvanefjeld Project.

Major contributing independent specialists for the technical aspects of the Kvanefjeld EIA include **Arcadis, Danish Hydraulic Institute, Klohn Crippen Burger Ltd, Environmental Resources Management, Orbicon A/S, Danish Technical University, Wood Group, GHD International, and SRK Consulting.**

Internationally renowned, independent consultant **Shared Resources** oversaw the rigorous process of updating the EIA in 2020 to meet the Greenland Guidelines for public consultation (Company announcement 23 September 2020). Fulfilment of the Guidelines means that all aspects of the Kvanefjeld Project are based on international environmental standards and the principles of 'Best Available Technology' and 'Best Environmental Practice'.

GML operates in full accordance with the Greenland Mineral Resources Act. The Kvanefjeld Project is currently undergoing a statutory public consultation phase following the acceptance of an exploitation (mining license) application on 17th of December 2020.

-ENDS-

Authorised for release by the Board of Directors of Greenland Minerals Ltd.

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. 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 demonstrated the unique and highly advantageous strengths of the Kvanefjeld Project and outlined the potential for Kvanefjeld to be developed 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 -19 and was updated in 2019 following addition 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, with optimised Feasibility Study outcomes announced in mid-2019. This defined a significantly enhanced project cost-structure and a direct alignment 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.