

Greenland Resources Receives Updated Draft Exploitation License for Molybdenum and Magnesium

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[Greenland Resources Inc.](#) (Cboe CA: MOLY | FSE: MOLY) ("Greenland Resources" or the "Company") is pleased to provide an update on the exploitation license process and inclusion of magnesium.

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The Company has received a final revised draft exploitation license from the regulators that includes positive resolution to certain comments referred in our press release dated January 20, 2025. Among others, the government notified the Company that magnesium was sufficiently substantiated and delineated and is now to be included together with molybdenum in the new draft exploitation license. The regulators will now submit a complete recommendation to the Government of Greenland (Naalakkersuisut) for approval. The signing of the exploitation license takes place in an in-person ceremony in Nuuk with representatives from the Company and the Minister.

Magnesium is a light metal with a high strength-to-weight ratio, primarily utilized in the form of magnesium metal or magnesium compounds such as caustic-calcined magnesite, magnesium chloride, hydroxide and sulfates. Magnesium metal is primarily used as casting alloy in automotive and aerospace industries (64%), aluminum-base alloys for packaging and transportation (18%), and in the desulfurization of iron and steel (4%). Smelter production of magnesium metal in 2024 was 1 billion metric tonnes, 85% coming from seawater, while smelter capacity worldwide is double. Also, approximately 75% of magnesium compounds serve industrial purposes including fertilizers, cattle feed, Epsom salts, heat-resistant bricks, de-icing etc (USGS 2024). China produces 89% of the world magnesium and Europe sources 97% of its magnesium from China, with the remainder coming from countries including Russia, Israel, and Turkey (EC, 2023). Neither the U.S. nor the EU has domestic magnesium production, and both classify it as a critical or strategic mineral. In the U.S., the Department of Defense recently invested in a company that aims to extract magnesium from seawater using innovative technologies. In addition to the existing magnesium content in the ore, the Company is working on extracting magnesium from the saline water contained in the tailing management facility used to process ore.

Greenland Resources Inc.

Greenland Resources is a Canadian public company with the Ontario Securities Commission as its principal regulator and is focused on the development of its 100% owned Climax type primary molybdenum deposit located in central east Greenland. The Project has also magnesium as a bi-product, a market dominated 89% by China. The Malmbjerg molybdenum project is an open pit operation with an environmentally friendly mine design focused on reduced water usage, low aquatic disturbance and low footprint due to modularized infrastructure. The Malmbjerg project benefits from an NI 43-101 Definitive Feasibility Study completed by Tetra Tech in 2022, with an US\$820 million capex and a levered after-tax IRR of 33.8% and payback of 2.4 years, using US\$18 per pound molybdenum price. The Proven and Probable Reserves are 245 million tonnes at 0.176% MoS₂, for 571 million pounds of contained molybdenum metal. As the high-grade molybdenum is mined for the first half of the mine life, the average annual production for years one to ten is 32.8 million pounds per year of contained molybdenum metal at an average grade of 0.23% MoS₂, approximately 25% of EU total yearly consumption. The project had a previous exploitation license granted in 2009. With offices in Toronto, the Company is led by a management team with an extensive track record in the mining industry and capital markets. For further details, please refer to our web site (www.greenlandresources.ca) and our Canadian regulatory filings on Greenland Resources' profile at www.sedarplus.com.

The Project is supported by the European Raw Materials Alliance (ERMA). ERMA is managed by EIT

RawMaterials, an organization within the EIT, a body of the European Union.

About Molybdenum and the European Union

Molybdenum is a critical metal used mainly in steel and chemicals that is needed in all technologies in the upcoming green energy transition. When added to steel and cast iron, it enhances strength, hardenability, weldability, toughness, temperature strength, and corrosion resistance. Based on data from the International Molybdenum Association and the European Commission Steel Report, the world produced around 576 million pounds of molybdenum in 2021 where the European Union ("EU") as the second largest steel producer in the world used approximately 24% of global molybdenum supply and has no domestic molybdenum production. To a greater degree, the EU steel dependent industries like the automotive, construction, and engineering, represent around 18% of the EU's ? US\$16 trillion GDP. Greenland Resources strategically located Malmbjerg molybdenum project has the potential to supply in and for the EU approximately 25% of the EU consumption, of environmentally friendly high-quality molybdenum from a responsible EU Associate country, for decades to come. The high quality of the Malmbjerg ore, having low impurity content in phosphorus, tin, antimony, and arsenic, makes it an ideal source of molybdenum for the high-performance steel industry lead worldwide by Europe, specifically the Scandinavian countries and Germany.

Forward Looking Statements

This news release contains "forward-looking information" (also referred to as "forward looking statements"), which relate to future events or future performance and reflect management's current expectations and assumptions. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "hopes", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Such forward-looking statements reflect management's current beliefs and are based on assumptions made by and information currently available to the Company. All statements, other than statements of historical fact, are forward-looking statements or information. Forward-looking statements or information in this news release relate to, among other things: the benefits of including both magnesium and molybdenum in the draft exploitation licence; the applications and benefits of magnesium; and the Company's objectives, goals or future plans.

These forward-looking statements and information reflect the Company's current views with respect to future events and are necessarily based upon a number of assumptions that, while considered reasonable by the Company, are inherently subject to significant operational, business, economic and regulatory uncertainties and contingencies. These assumptions include: future planned development and other activities on the Project; an inability to finance the Company including successfully concluding off-take arrangements, banking facilities and strategic investment; obtaining the permitting on the Project in a timely manner; no adverse changes to the planned operations of the Project; continued favourable relationships with local communities; current EU and other initiatives remaining in place into the future; expected demand for molybdenum in the EU and abroad, including by companies that expressed an interest in purchasing molybdenum; our mineral reserve estimates including magnesium and the assumptions upon which they are based, including geotechnical and metallurgical characteristics of rock confirming to sampled results and metallurgical performance; tonnage of ore to be mined and processed; ore grades and recoveries; assumptions and discount rates being appropriately applied to the technical studies; estimated valuation and probability of success of the Company's projects, including the Malmbjerg molybdenum project; prices for molybdenum remaining as estimated; currency exchange rates remaining as estimated; availability of funds for the Company's projects; capital decommissioning and reclamation estimates; mineral reserve and resource estimates and the assumptions upon which they are based; prices for energy inputs, labour, materials, supplies and services (including transportation); no labour-related disruptions; no unplanned delays or interruptions in scheduled construction and production; all necessary permits, licenses and regulatory approvals are received in a timely manner or at all; and the ability to comply with environmental, health and safety laws. The foregoing list of assumptions is not exhaustive.

The Company cautions the reader that forward-looking statements and information include known and unknown risks, uncertainties and other factors that may cause actual results and developments to differ materially from those expressed or implied by such forward-looking statements or information contained in this news release and the Company has made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation: favourable local community support for the Project's

development; the projected demand for molybdenum and magnesium both in the EU and elsewhere, including by companies that expressed an interest in purchasing molybdenum and magnesium; the current initiatives and programs for resource development in the EU and abroad; the projected and actual status of supply chains, labour market, currency and commodity prices interest rates and inflation; the projected and actual status of the global and Canadian capital markets, fluctuations in molybdenum, magnesium and commodity prices; fluctuations in prices for energy inputs, labour, materials, supplies and services (including transportation); fluctuations in currency markets (such as the Canadian dollar versus the U.S. dollar versus the Euro); operational risks and hazards inherent with the business of mining (including environmental accidents and hazards, industrial accidents, equipment breakdown, unusual or unexpected geological or structure formations, cave-ins, flooding and severe weather); inadequate insurance, or the inability to obtain insurance, to cover these risks and hazards; our ability to obtain all necessary permits, licenses and regulatory approvals in a timely manner; changes in laws, regulations and government practices in Greenland, including environmental, export and import laws and regulations; legal restrictions relating to mining; risks relating to expropriation; increased competition in the mining industry for equipment and qualified personnel; the availability of additional capital; title matters and the additional risks identified in our filings with Canadian securities regulators on SEDAR+ in Canada (available at www.sedarplus.ca). Although the Company has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated, described, or intended. Investors are cautioned against undue reliance on forward-looking statements or information. These forward-looking statements are made as of the date hereof and, except as required by applicable securities regulations, the Company does not intend, and does not assume any obligation, to update the forward-looking information. Neither the Cboe Canada Exchange nor its regulation services provider accepts responsibility for the adequacy of this release. No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein.

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