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GreenRoc Mining PLC
15 April 2024

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GreenRoc Mining plc

("GreenRoc" or the "Company")

Financing Letter of Interest from US EXIM Bank

GreenRoc Mining plc (AIM: GROC), a company focused on the development of critical mineral projects in Greenland, is pleased to announce the receipt of a Letter of Interest ("LOI") from the Export-Import Bank of the United States ("US EXIM Bank"). US EXIM Bank is the official export credit agency of the United States, an independent Executive Branch agency with a mission of supporting American jobs by facilitating the export of US goods and services.

In the LOI, US EXIM Bank indicates its willingness to consider financing GreenRoc for up to US$3.5M of US export contracts relating to goods and services ordered by the Company. Such contracts could relate to the conduct of Pre- or Definitive Feasibility Studies ("PFS" and "DFS" respectively) for GreenRoc's Amitsoq Graphite Mine in South Greenland and/or a DFS of the Graphite Active Anode Processing Plant, which funding would fall within US EXIM Bank's Engineering Multiplier Program. Another contract which could be eligible for US EXIM Bank financing relates to the processing of large graphite bulk samples by US-based contractors.

Any US EXIM Bank finance transaction will require a specific application to be made, which would be subject to US EXIM Bank's standard due diligence process prior to the issuing of a final financing commitment (which would be subject to a maximum five-year repayment term). The LOI is valid until 14 April 2025.

GreenRoc's CEO, Stefan Bernstein, commented:

"This LOI from US EXIM Bank represents a strong show of support for our Amitsoq project from one of the key financing bodies of the US Government involved in the roll-out of loans and other funding support under the US Inflation Reduction Act to entities, like Greenroc, which are developing projects which will deliver critical raw materials to Western economies. A successful application for up to US$3.5m of funding would allow us to undertake extensive and costly parts of our work programme over the coming couple of years and to achieve important milestones such as the PFS and DFS and the processing of large bulk samples of graphite ore, all of which are critical paths to production. As such, we expect to proceed with an application to US EXIM Bank in the near future.

"With the US Inflation Reduction Act's rules of origin in relation to graphite set to be implemented in the near future, we expect to see increased interest from US industries in securing friendly sources of graphite, and so this LOI from US EXIM Bank is timely."

About US EXIM Bank

US EXIM Bank is the official export credit agency of the United States. It is an independent Executive Branch agency with a mission of supporting American jobs by facilitating the export of U.S. goods and services.

US EXIM Bank has special initiatives in place to increase financing for US exports of goods and services that are environmentally beneficial, particularly related to renewable energy.

By complementing EXIM Bank's foreign buyer financing programs, US EXIM Bank can spur growth and security of critical supply chains while continuing to meet its core mission of supporting US jobs.

US EXIM Bank's Engineering Multiplier Program ("EMP") is designed to generate additional exports of US goods and services overall (the "multiplier effect"), since the foreign buyer is more likely to procure US equipment and construction services for a project for which US engineers, designers, architects and environmental analysts undertook the feasibility study, design and other pre-project work.

The EMP will finance feasibility studies, pre-construction design, engineering, architectural and environmental services undertaken prior to commencement of the implementation phase of a physical project, supporting the award of major equipment supply and construction contracts.

About the US Inflation Reduction Act and graphite

An important component of the 2022 US Inflation Reduction Act ("IRA", which is a United States federal law aimed to curb inflation by investing into, amongst others, domestic energy production while promoting clean energy) is the introduction of a US$7,500 tax credit for new electric vehicles introduced in 2023, with certain requirements to be fulfilled for a specific car to be eligible for the credit: From 2025 no 'anode on foil' (battery anodes produced with graphite) product can come from a 'Foreign entity of concern' which includes China, and from 2026 no graphite in any form can come from a 'Foreign entity of concern'.

****ENDS****

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About GreenRoc

GreenRoc Mining plc is an AIM-quoted company which is developing mining projects in Greenland in critical, high-demand and high-value minerals. Led by a group of highly experienced mining industry professionals, GreenRoc has 100% ownership of the following high-grade critical mineral projects both of which benefit from defined Resources:

- *The **Amitsoq Graphite Project**, the Company's flagship project and one of the highest-grade graphite deposits in the world with a combined Measured, Indicated and Inferred JORC Resource of 23.05 million tonnes (Mt) at an average grade of 20.41% graphite, giving a total graphite content of 4.71 Mt; and*

- *The **Thule Black Sands Ilmenite Project** ('TBS'), which has an initial Mineral Resource of 19Mt at 43.6% Total Heavy Minerals with an in-situ ilmenite grade of 8.9%.*

Key Points about Amitsoq, GreenRoc's Flagship Asset

1. *Amitsoq is located in the Nanortalik region of southern Greenland, in year-round ice-free waters and on the same latitude as far northern Scotland.*
2. *GreenRoc is focused on fast-tracking the development of Amitsoq into a producing mine in the shortest possible timeframe to meet critical demand from Electric Vehicle ('EV') manufacturers in Europe and North America for new, high grade and conflict-free sources of graphite.*
3. *The Amitsoq Island Deposit has a total inferred, indicated and measured JORC Resource of 23.05 million tonnes (Mt) at an average grade of 20.41% Graphitic Carbon ("C(g)"), giving a total graphite content of 4.71 Mt. This makes Amitsoq one of the highest-grade graphite projects in the world.*
4. *Significant further resource upside exists at Amitsoq as the Amitsoq Island Deposit is open in at least two directions, with potential for considerable further expansion via the similarly high-grade Kalaaq Mainland Deposit as well as a series of other high-grade targets within GreenRoc's licence package.*
5. *The Amitsoq Island Deposit was in small-scale production about 100 years ago, and there remains considerable underground mine development in place from that time, which will be of considerable benefit to GreenRoc in the mine construction phase.*
6. *In GreenRoc's test work programmes:*
    a. *Micronisation and spheronisation test work has proven that Amitsoq graphite can be readily upgraded to high-grade, anode-quality graphite, known as high purity spherical graphite or cSPG, a critical component in the Li-ion battery of an EV.*
    b. *Amitsoq spheronised graphite has achieved higher than 99.95% purity with relatively little energy input and processing and using a milder alkaline purification method compared to the industry standard hydrofluoric acid, boding well for future production costs and sustainability commitments.*
    c. *Electrochemical testing of Amitsoq graphite anode material within a test Li-ion battery cell has shown that it performs very well, in part due to its good crystallinity.*
7. *The results of a Preliminary Economic Assessment (or PEA) for Amitsoq released on 31 October 2023 give a post-tax NPV8 for the Project of US$179M, an IRR of 26.7% and capex estimated at US$131M (including a 25% contingency). These figures solely relate to the economics of a mining and primary processing operation in South Greenland and do not take into account any potential upside from a downstream processing operation which GreenRoc intends to establish in Europe or the USA.*
8. *In relation to that downstream business, GreenRoc is currently undertaking a Feasibility Study into the establishment of a graphite spheronisation processing plant to produce cSPG from graphite concentrate delivered from Amitsoq. This Feasibility Study, which is expected to be completed in H1, 2024, has been part-financed by a grant of approximately £250,000 from the UK's Automotive Transformation Fund.*
9. *Following a detailed evaluation process, the European Raw Materials Alliance has expressed its support of GreenRoc and its Amitsoq graphite project, stating that: "GreenRoc's graphite resource is of global importance and, together with the Company's strategy, will enable the European Union to achieve a certain level of independence for the electrical vehicle supply chain. ERMA has approved the Amitsoq Graphite project and will engage to support its development and financing to produce these critical raw materials for the benefit of the European Union goals." (see RNS dated 8 February 2023).*

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