16 October 2025 ASX Announcement

ECLIPSE ACCELERATES DIAMOND DRILLING AT GREENLAND RARE EARTH PROJECT

Eclipse Metals Ltd (ASX: EPM) (**Eclipse** or the **Company**) is pleased to announce that diamond drilling is underway at the Grønnedal Rare Earth Deposit, part of the Company's 100%-owned Ivigtût Project in southwest Greenland.

HIGHLIGHTS

- **Diamond drilling underway at the 100%-owned Grønnedal-Íka Rare Earth Project, southwest Greenland**
- **$4 million placement completed to accelerate drilling, resource upgrade and metallurgical programs**
- **Targeting expansion and reclassification of the rare earth mineral 89Mt Inferred Resource (6,363 ppm TREO, 567,600t TREO)**
- **Drilling and assay data to underpin mine-planning and process-optimisation studies**
- **Contribute to Eclipse's strategic goals by preparing for a potential Nasdaq dual listing and ensuring compliance with U.S. regulations**

With the recent $4 million capital raise, the Company is expanding and accelerating its drilling and metallurgical programs to enhance the scale and confidence of the Company's rare earth 89Mt Inferred Resource. Initial drilling will focus on extending mineralised zones identified through 3D modelling and mapping, particularly in areas rich in neodymium and praseodymium, which are critical for permanent magnets used in electric vehicles and defence technologies.

Recent SGS Canada mineralogical studies identified a dominant synchysite-bastnäsite-monazite assemblage with coarse grain size (P80 19–205µm) and up to 54% liberation. This indicates strong compatibility with conventional flotation and magnetic separation, positioning Grønnedal as one of the few Western REE projects with a clear path to efficient recovery.

Eclipse Metals Executive Chairman, Mr Carl Popal, commented:

"This diamond drilling at Grønnedal is an important operational and strategic milestone for Eclipse. With the world's major economies competing to secure non-Chinese sources of rare earths, our work in Greenland has never been more relevant. Backed by a successful capital raise and progressing Nasdaq readiness, we are advancing a globally significant carbonatite deposit with favourable mineralogy and scale in a stable Western jurisdiction."

Strategic Context

Drilling at Grønnedal is underway amid rising global concerns about rare earth supply-chain security, as the United States and China advance their critical minerals policies. Grønnedal's location in Greenland, a Tier-1 jurisdiction with deep-water port access and established infrastructure, offers a strategic Western alternative for future rare earth supply.

Eclipse's current work program includes preparations for a potential dual listing on Nasdaq. This will strengthen alignment with U.S. investors and regulatory standards and reinforce the Company's position in Western supply chains for critical magnet materials.

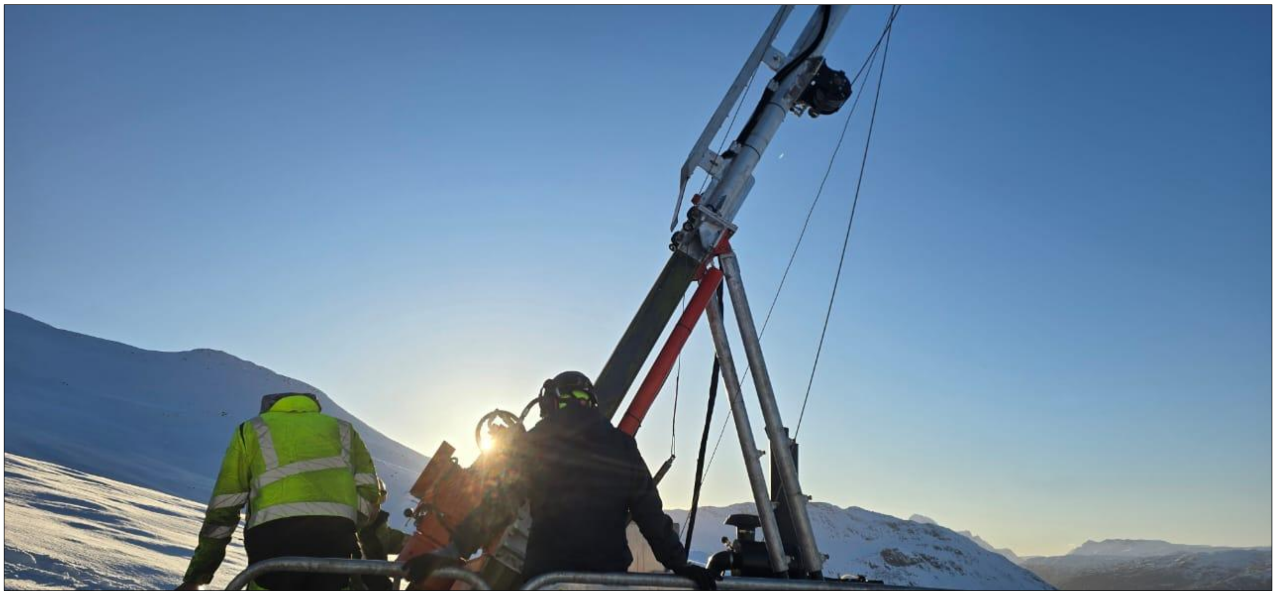

Figure 1: Diamond Drilling Rig at Grønnedal.

Authorised by the Board of Eclipse Metals Ltd.

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ABOUT ECLIPSE METALS LTD (ASX: EPM)

Eclipse Metals Ltd is an Australian exploration company focused on exploring southwestern Greenland, Australia's Northern Territory and state of Queensland for multi-commodity mineralisation. Eclipse has an impressive portfolio of assets prospective for cryolite, fluorite, siderite, quartz, rare earths, gold, platinum group metals, manganese, palladium and vanadium mineralisation. The Company's mission is to increase shareholder wealth through capital growth and ultimately dividends. Eclipse plans to achieve this goal by exploring for and developing viable mineral deposits to generate mining or joint venture income.

ABOUT THE IVIGTÛT PROJECT

Eclipse Metals' Ivigtût Project is located in southwestern Greenland and includes the Ivigtût Cryolite-Polymetallic Deposit and the Grønnedal REE Deposit. The project has favourable infrastructure, with a power station, and fuel supplies to service this station and local traffic infrastructure to support mineral exploration. About 5.5 kilometres to the northeast of the Ivigtût prospect, the twin settlements of Kangilinnguit and Grønnedal provide a heliport and an active wharf with infrastructure. The Ivigtût project's Grønnedal carbonatite complex prospect is about 7km east from Ivigtût and only 3.5km south-east from the port of Grønnedal. This complex is also one of the 12 larger Gardar alkaline intrusions and is recognised as one of the prime rare eath element (REE) targets in Greenland by GEUS, along with Kvanefjeld and Kringlerne.

Listing Rule 5.23

The information contained in this report relating to exploration results, exploration targets and mineral resources has been previously reported by the Company as set out in this report (Announcements). The Company confirms that it is not aware of any new information or data that would materially affects the information included in the Announcements and, in the case of estimates of mineral resources, released on 3 June 2025, that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.