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Empire Metals Corp. 2025 Exploration Program at Gwyn Lake Gold Project in Prolific Geraldton-Beardmore Greenstone Belt

VANCOUVER, BC – July 24, 2025 – Empire Metals Corp. (TSX.V-EP) ('Empire') is pleased to announce its focused 2025 exploration program specifically targeting the greenstone-hosted gold at Empire's Gwyn Lake Gold project in Ontario. The exploration program aims to significantly advance the understanding and potential of the Gwyn Lake property, located within the historically rich Geraldton-Beardmore Greenstone Belt.

A Legacy of Gold: The Geraldton-Beardmore Greenstone Belt

The Geraldton-Beardmore Greenstone Belt (BGB) is a renowned gold mining district in Northwestern Ontario, boasting a remarkable history of production. This Archean-aged terrane, part of the Superior Craton, has been a significant source of gold, with reported historical production exceeding 4 million ounces of gold from numerous past-producing mines.

The BGB is characterized by a complex geological setting, primarily composed of metavolcanic and metasedimentary rocks that have undergone multiple phases of deformation and hydrothermal alteration. Gold mineralization in the belt is typically associated with shear zones, banded iron formations (BIFs), and quartz-carbonate veins. Deposits often host high-grade gold, making the region a highly prospective target for modern exploration.

Empire's 2025 exploration program at Gwyn Lake is designed to systematically build upon existing knowledge and expand the footprint of known mineralization. Empire's fully funded exploration program will be executed in two key phases:

First, a high-resolution Drone based LiDAR survey across the entirety of the Gwyn Lake Gold project. The survey data will be instrumental in creating detailed structural maps to provide important geological controls on mineralization, allowing for enhanced targeting of subsequent field activities.

Following LiDAR data interpretation a targeted program of geological mapping and sampling will commence where exploration will focus on expanding the footprint of known mineralized zones at Gwyn Lake, with efforts concentrated on areas identified as highly prospective from the LiDAR survey. The systematic mapping and sampling will aim to delineate the extent and tenor of gold mineralization, providing important information for future drill sites.

Empire Metals Corp. is optimistic that this focused and systematic approach will aid in unlocking value at the Gwyn Lake Gold project, contributing to the rich mining legacy of the Geraldton-Beardmore Greenstone Belt.

Empire also announces that at its recently held 2025 annual & special meeting of shareholders, Mark Patchett, Vincent Teo, John Brydle and Frank Garofalo were re-elected as directors. Mr. Patchett is President and Chief Executive Officer of Empire. Shareholders re-appointed Saturna Group Chartered Professional Accountants LLP as Empire's auditor and re-approved Empire's 10% rolling stock option plan.

The technical content of this news release was reviewed and approved by Dr. Bohumil (Boris) Molak, PhD, P.Geo, a Qualified Person as defined by National Instrument 43-101.

Empire is a Canadian mineral resource exploration and development company with gold exploration projects in the Yukon Territory and the historic Beardmore-Geraldton greenstone gold belt in Ontario, ownership of the Buck Lake platinum, palladium, nickel and gold project near the Lac Des Iles platinum, palladium mine in Ontario, and the controlling interest in the Fox Creek lithium brine project in Alberta.

EMPIRE METALS CORP.

PER: "Mark C. Patchett"

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