ASX ANNOUNCEMENT

24 December 2012

FRASER RANGE: PLATO UPDATE

- Drill targets identified from IP survey
- > IP chargeable targets associated with Ni/Cu geochemistry

SUMMARY

Enterprise Metals Limited ("Enterprise" or "the Company", ASX: "ENT") announces it has completed an Induced Polarisation ("IP") survey over its Ni/Cu soil anomaly at Plato in the Fraser Range. The three lines (7.75 km of 100m dipole-dipole IP) were designed to follow-up the prominent coincident Ni-Cu-Co soil anomaly (values up to 147 ppm Ni and 33 ppm Cu). Seven IP chargeable zones have been identified that are associated with the coincident Ni/Cu geochemical/magnetic anomaly. The Company is interpreting these IP chargeable zones as being sourced by disseminated Ni/Cu sulphides and will be testing this interpretation by drilling early in 2013.

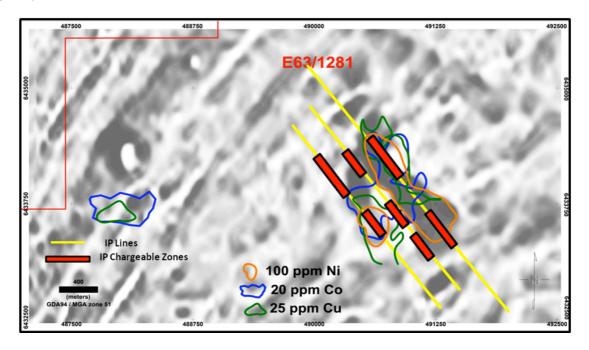


Figure 1: Plato Prospect -IP Chargeable Zones & Soil Geochemical Anomaly over 1VD Magnetics

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Competent Persons statement

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Dermot Ryan, who is an employee of the Company. Mr Ryan is a Fellow of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Ryan consents to the inclusion in this report of the matters based on information in the form and context in which it appears.



ENTERPRISE METALS LIMITED

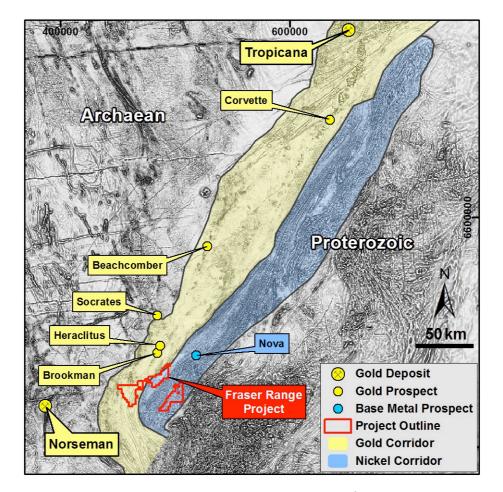


Figure 2: Fraser Range Project, Tenement Location Plan over Magnetics