

ASX ANNOUNCEMENT ACN 123 567 073 16 December 2013

\$300,000 GRANT AVAILABLE FOR IMMINENT DRILLING AT FRASER RANGE & DOOLGUNNA

- Enterprise awarded \$150,000 towards its Fraser Range drilling costs
- This complements \$150,000 EIS Co-funding already awarded for Doolgunna
- Together with \$1.1 million raised in November, Enterprise is fully funded for drilling and exploration at Fraser Range and Doolgunna
- Drilling planned to commence in January 2014

Enterprise Metals Limited ("Enterprise" or "the Company", ASX: ENT) is pleased to announce that its application for co-funding for drilling in the Fraser Range has been approved. This falls under the Royalties for Regions Co-funded Government — Industry Drilling Program (Round 8) of the Exploration Incentive Scheme ("EIS").

The Company also received notification in late June 2013 that it had been successful in two other applications (total \$300,000) for funding under the Royalties for Regions Co-funded Government – Industry Drilling Program (Round 7). Enterprise is eligible for up to \$150,000 in EIS co-funding to complete drilling at each of two projects, Doolgunna and Earaheedy.

Under the EIS, funds committed by Enterprise towards the approved drill programs will be matched by funds from the State Government's program, up to the maximum of \$150,000 at each project. The Doolgunna and Earaheedy funds are available until 30 June 2014, and the Fraser Range funds are available until 31 December 2014. Accordingly, the Fraser Range and Doolgunna drill programs planned to commence in January 2014 will attract aggregate funding of up to \$300,000.

Commenting on the latest award of co-funding, Enterprise's Chairman Dr Jingbin Wang said:

"The applications were highly competitive and were judged by a team of independent technical experts. Enterprise shareholders should be encouraged by these awards as they are a direct and independent assessment of the quality of the Company's exploration targets. We are appreciative of the continuing strong support shown by the WA State Government and the Department of Mines and Petroleum to encourage exploration in Western Australia. We are very excited about the upcoming programs at Fraser Range and Doolgunna, and our exploration team is keen to commence drilling".

Fraser Range Exploration Program

The Company's Fraser Range Project is located approximately 100km east of Norseman, within the Albany-Fraser Orogen. Enterprise's landholding covers 594km² and is located between Sirius Resources Ltd's Nova and Crux prospects. Enterprise's drill targets have geological similarities to Nova and Crux.

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The Project is considered prospective for gold and copper/nickel/PGE mineralisation and covers the core of the Fraser Range gravity feature, which defines the prospective nickel-copper belt containing Sirius' Nova deposit. The Company has identified four high priority targets at Plato, Heart, Highway and McPhersons using soil geochemistry and HeliTEM data, for drill testing in early 2014. The Plato prospect is interpreted to be an intrusive body similar to that associated with the Nova Ni deposit and Sirius Resources Limited's recently announced Crux anomaly.

The drilling program will commence at Plato, with 1,500 - 2,000m of RC, followed by down-hole EM to identify massive sulphides proximate to each hole. Similar programs are planned for Heart, Highway and McPhersons.

Doolgunna Exploration Program

The Doolgunna Project covers 1,036km² and is located 110km northeast of Meekatharra and some 10km southwest of Sandfire Resources NL's DeGrussa copper-gold mine. The project is considered prospective for volcanic hosted massive sulphide deposits (VMS) and sediment hosted base metals deposits (SEDEX copper). The giant orebodies of the Zambian Copperbelt are considered to be SEDEX-style copper deposits, formed at the arkose-shale interfaces within sedimentary sequences, adjacent to major fault structures.

The Doolgunna geological setting is similar in some respects to the Zambian Copperbelt, and the Company has identified a number of SEDEX style copper-gold targets along the Southern Boundary Fault, which marks the southern boundary of the sediment filled Doolgunna Graben. These targets, were initially airborne EM targets, and are now supported by ground EM surveys and anomalous values of tellurium, bismuth, antimony and molybdenum in 'mag-lag' geochemistry. These metals are considered to be base metal pathfinders.

Gravity traverses over each of the drilling targets have commenced, in order to prioritise the target drilling sequence. Following the gravity traverses and ranking, a program of approximately 3,000m of RC drilling is planned, with follow up DHEM.

EIS Background

The State Government's EIS aims to encourage exploration in Western Australia to ensure long-term security of the resources industry. The award of the funds is subject to execution of a Funding Agreement incorporating schedules with details pertaining to the Company's project. The Agreement must be signed and returned to the Department of Mines and Petroleum by 17 January 2014. No drilling is to commence prior to the return of the signed agreement.

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