



## Drilling Update: Doolgunna, WA

Enterprise Metals Limited (“Enterprise” or “the Company”, ASX: “ENT”) announces that it completed 6 scout RC holes (total 1,446m) in the vicinity of the Vulcan prospect on 31 January 2013. Drill samples have been dispatched to the laboratory and assays are awaited.

The program was designed to test below the gold-base metal regolith anomalies identified by the 2012 aircore drill program, and to provide holes for later downhole EM (DHEM) surveying.

Three holes (VRC001, VRC002 and VRC006) intersected wide zones of argillic alteration at around 100m downhole after being in relatively fresh basalt and minor gabbro (Narracoota Fm volcanics). Significantly, disseminated arsenopyrite and chalcopyrite were intersected in VRC003, and disseminated sulphide (mainly pyrite) was intersected in all holes. In hole VRC006 the argillic alteration is also associated with a 10m wide shear zone.

Apart from testing the underlying lithology, all holes were lined with PVC casing in preparation for downhole electromagnetic surveying. The DHEM survey is planned to search for off-hole targets that potentially contain massive or disseminated sulphides. The RC drill hole collar details are summarised below in Table 1.

**Table 1: Doolgunna Project, Collar Details of 2013 RC Drill Holes**

Hole No.	MGA94 East	MGA94 North	Depth (m)	Azimuth (Deg)	Dip (Deg)
VRC001	727568	7161676	235	348	-60
VRC002	727615	7161700	258	348	-60
VRC003	727611	7161733	282	348	-60
VRC004	727567	7161727	200	348	-60
VRC005	727672	7161698	273	348	-60
VRC006	727023	7161445	198	348	-60

Figure 1 overleaf shows the collar positions of the 2013 RC drill holes, and significant gold intersections from the 2012 aircore drill program.

### **FURTHER AIRCORE DRILLING PLANNED**

An aircore drilling program has also been planned and approved by the Dept of Mines & Resources (DMP) to follow up the gold-base metal targets at Scotty, Sulu, McCoy, Nimoy and Goodin Fault which were identified by the 2012 soil and aircore drilling programs. This aircore program is expected to start in March 2013.

Enterprise’s Chairman Dr Jingbin Wang commenting on the drilling, said: *“this is the first deep drill test of the 1,500m long zone of gold and base metal anomalism that has been defined by soil and aircore drilling. The Board remains positive about the potential for the discovery of massive sulphides at depth in this zone, and recognises that the irregular and steeply dipping nature of DeGrussa style massive sulphides represents a difficult target. The DHEM survey will extend the search area around the holes by up to 200m, and potentially provide a focus for further drilling.”*

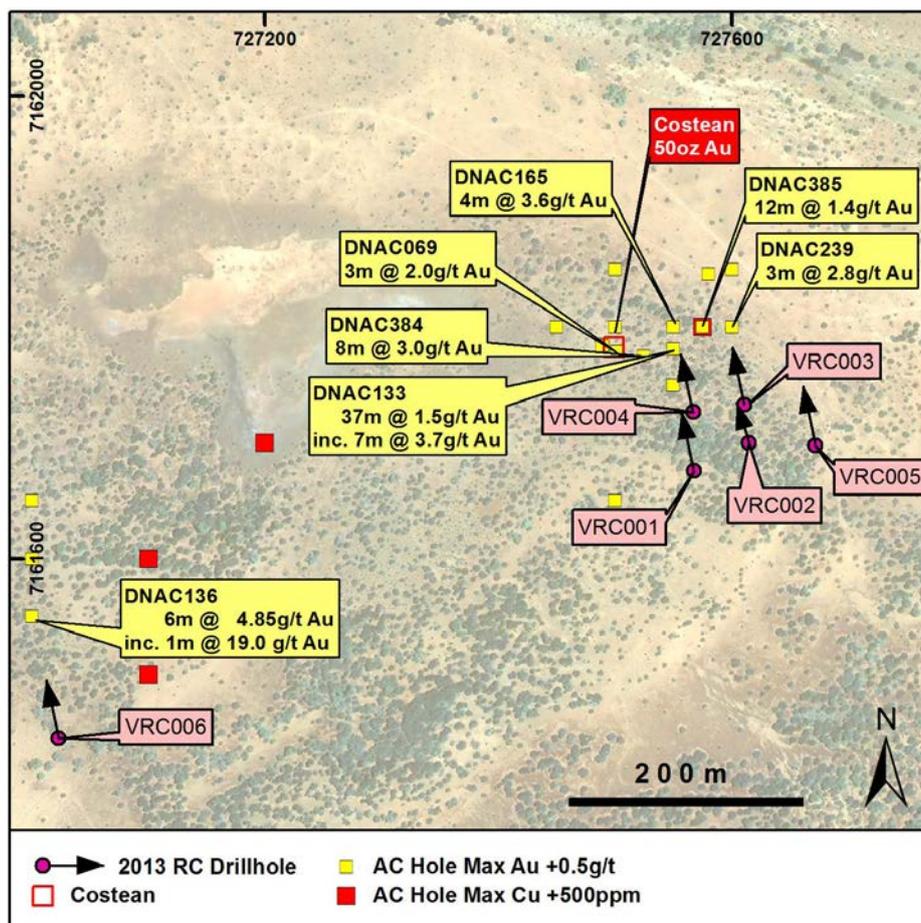


Figure 1: Vulcan Prospect, 2013 RC drill Hole Locations

**Dermot Ryan**  
Managing Director

**Contact:**

Telephone: 08 9436 9200 Facsimile: 08 9436 9220 Email: [admin@enterprisemetals.com.au](mailto:admin@enterprisemetals.com.au)

**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.