



DOOLGUNNA: VISIBLE GOLD DISCOVERY IN SHALLOW PIT SAMPLING

- **Visible gold identified in ironstone at Doolgunna Prospect from shallow pit (~1.5m depth) sampling.**
- **Drilling program underway, targeting copper-gold mineralisation.**

SUMMARY

Enterprise Metals Limited (“Enterprise”, “the Company”, ASX: “ENT”) wishes to announce the discovery of visible gold mineralisation within an ironstone unit at its Doolgunna Prospect, 130km northeast of Meekatharra. (refer Figure 1)

An 8,000m aircore drilling program has also commenced at the Doolgunna Prospect to follow up a previous RC drilling intersection of 8m at 1% Cu from 144m in DGRC007.

Visible Gold in Ironstone - New Exploration Target

Enterprise has identified an ironstone ridge some 800m long and up to 75m in width, trending WNW-ESE, approximately 7 km NE of the Doolgunna Homestead, and 12 km SSW of Sandfire Resources NL’s De Grussa copper – gold deposit.

A shallow pit (to 1.5m depth) was excavated to examine the nature of this ironstone, and coarse visible gold was identified in a number of angular ferruginous fragments, some of which displayed “*gossanous*” textures. (Refer Plates 1 - 4 overleaf)

Several aircore holes have been drilled to test the general area of the ironstone occurrence, and samples from the pit are currently being prepared for scanning electron microscope (SEM) examination to determine the style and origin of the gold mineralisation.

Aircore Drilling Program In Progress – Testing Narracoota Fm Volcanics

A 120 hole (8,000m) vertical aircore drilling program testing the Narracoota Formation volcanics along and to the north of the Goodin Fault, is also in progress. This broad spaced program is designed to test the regolith for a supergene/oxide copper “*blanket*” which may be developed over deeper primary sulphide mineralisation.

The drilling will test an 8km strike length of the Goodin Fault, where Enterprise previously encountered copper sulphide mineralisation (8m @ 1% Cu from 144m in hole DGRC007) associated with an IP geophysical anomaly (*ENT: ASX Release 23 January 2012*). The Goodin Fault marks the contact between volcanics of the Narracoota Formation and sediments of the Doolgunna Formation.

No assays have yet been received from this aircore drilling program. Any encouraging assay results will be followed up with deeper RC drilling.



Plate 1. Ironstone (Breccia/gossan?) with Visible Gold

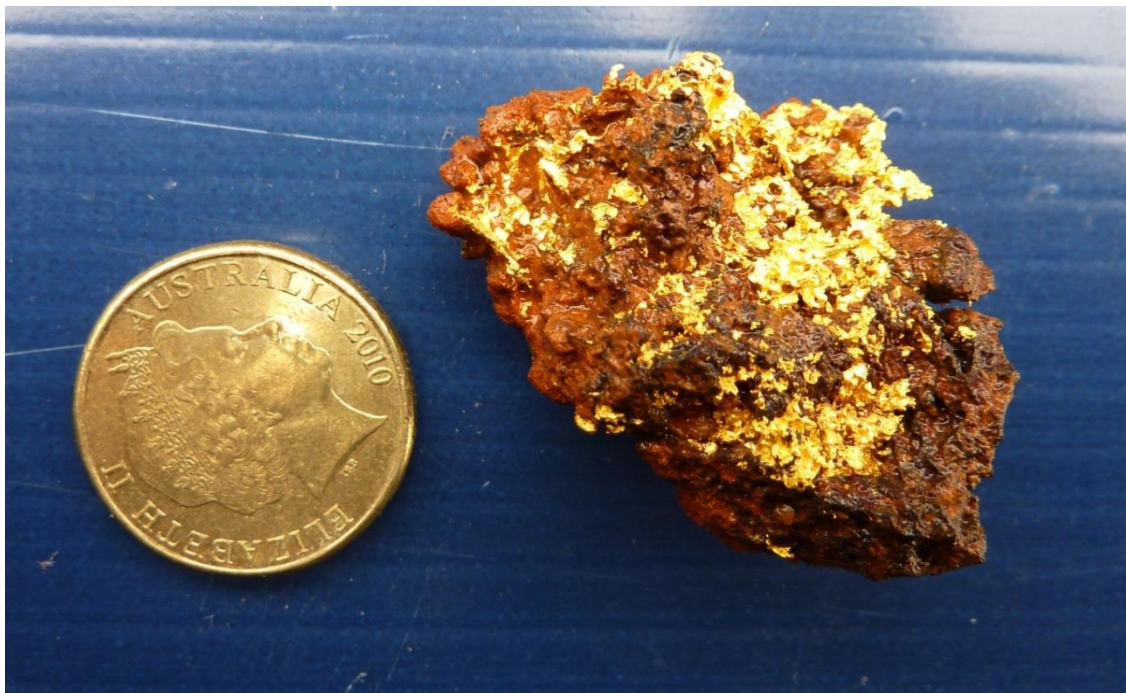


Plate 2. Ironstone with Visible Gold



Plate 3. Pit over Ironstone Ridge containing Visible Gold



Plate 3. Boulder containing Ironstone Fragments with Visible Gold

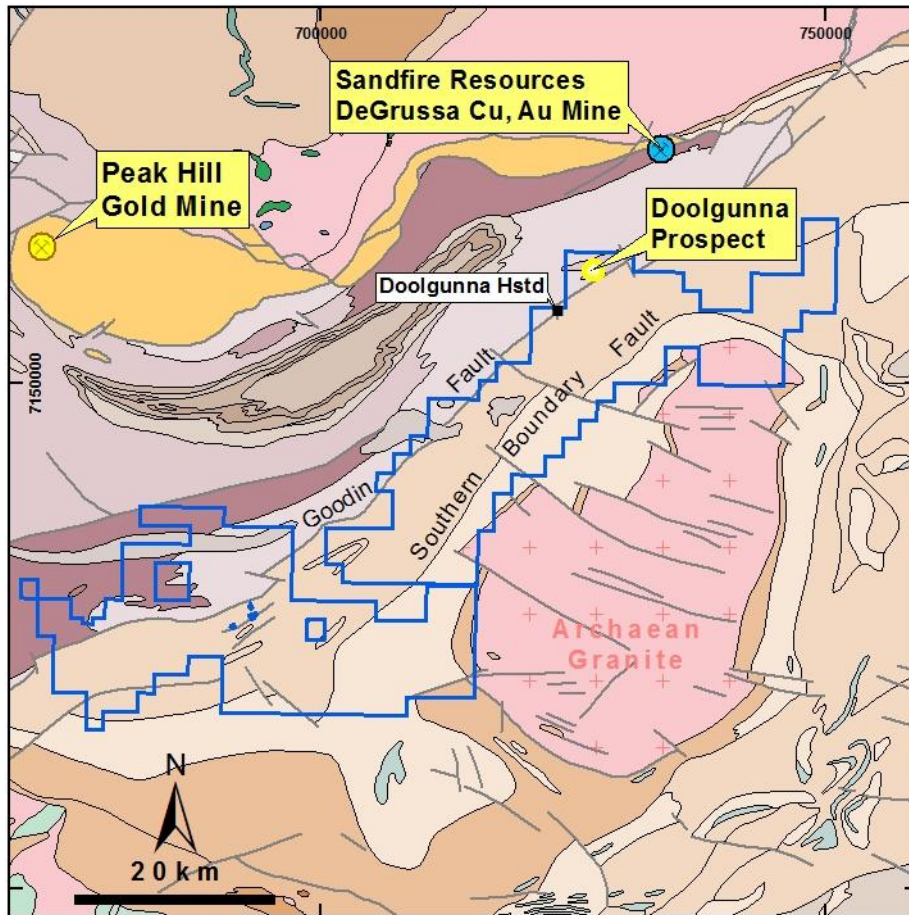


Figure 1: Doolgunna Prospect Location

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The information in this announcement that relates to Exploration Results has been compiled by Mr Dermot Ryan, who is a Fellow of the Australian Institute of Geoscientists, and a full time employee of geological consultancy Xserv Pty Ltd. Mr Ryan has sufficient relevant experience in the techniques being reported and styles of mineralisation and types of deposit under consideration, and in the activity he is undertaking, to qualify as a Competent Person as defined in the 2004 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code), and consents to the inclusion of the information in the form and context in which it appears.