



Results from Drilling at Darlot Gold Project

Enterprise Metals Limited (“Enterprise” or “the Company”, **ASX: “ENT”**) is pleased to announce the completion of a reverse circulation drill program at its Darlot gold project. In total, 14 drill holes were completed for a total of 2,065 metres. The drill program was designed to test a number of strong Induced Polarisation (IP) responses produced during the July 2009 Griffin Well IP survey, and to test shallow gold anomalism identified within several historic drill holes.

Four metre composite results have been received for all of the drill holes with elevated gold identified in the majority of holes. A selection of one metre resplit samples have been collected from anomalous zones identified in the composite sampling. Approximately half of these resplit results have been received from the laboratory, with up to 6.8 grams per tonne (g/t) returned.

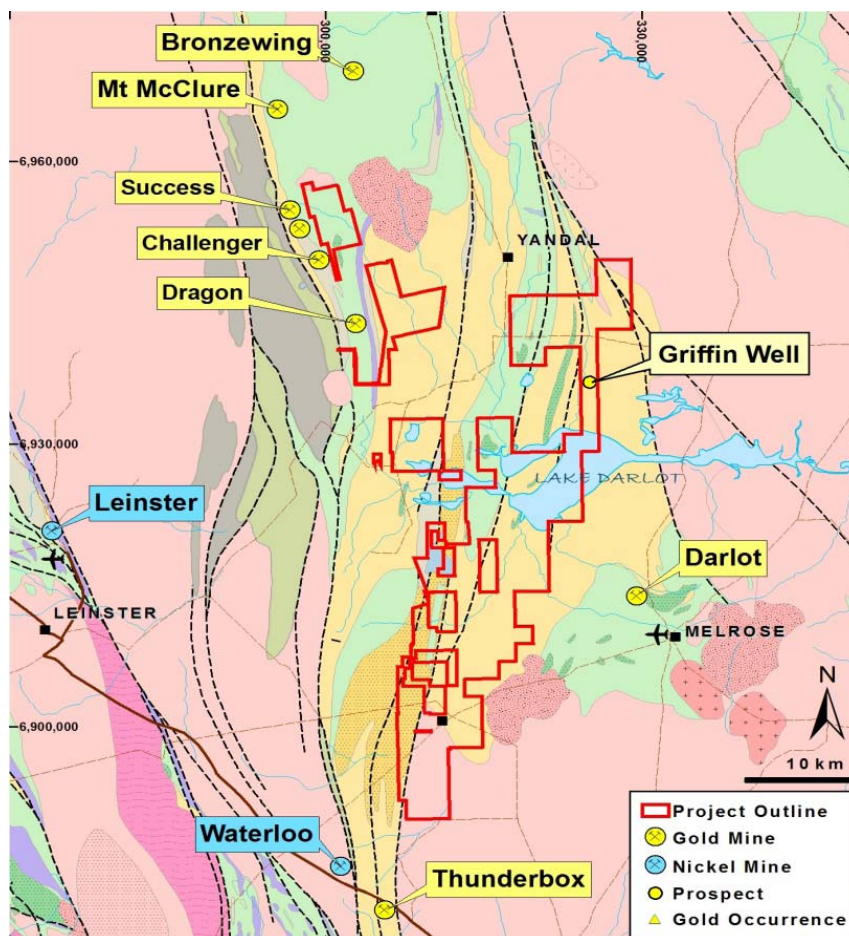


Figure 1. Plan Showing Location of Enterprise Darlot Project



Introduction

Enterprise's Darlot project area covers an area of 750km² over the southern portion of the Archaean Yandal Greenstone Belt in Western Australia, and is centred approximately 40km east north east of Leinster. The project lies approximately midway between the Bronzewing and Darlot gold mines and includes the Griffin Well and Dragon Fire prospects. The Company considers that the project area is prospective for high grade orogenic gold deposits.

Work Completed

An IP survey was completed over the Griffin Well gold prospect in July 2009. The survey was undertaken to search for gold mineralization associated with zones of quartz veining, silica alteration and massive and disseminated pyrite. The survey produced a number of strong IP responses as reported to the ASX on 7th July 2009.

In late July to mid August, a 14 hole (2,065 metres) reverse circulation drilling program was undertaken to test the IP anomalies and shallow gold anomalism identified within several historic drill holes at Dragon Fire. Griffin Well hole locations are shown in Figure 2.

Four metre composite results have now been received for all of the drill holes and one metre resplit results have been received from holes GFRC1 to GFRC4. Five holes returned significant results, and these are shown in Table 1 below.

Table 1. Darlot Project Gold Results

Hole Number	Interval (m)	Width (m)	Au (g/t)	Comment
GFRC1	20-28	8	1.0*	Includes 1m @ 4.3 g/t from 21m
GFRC1	41-60	19	0.7*	Includes 2m @ 1.3 g/t from 41m & 3m @ 1.0 g/t from 56m
GFRC1	68-69	1	6.8*	
GFRC1	75-101	26	0.6*	
GFRC2A& B				Holes abandoned at 12m
GFRC3	49-52	3	1.2*	Includes 1m @ 2.5 g/t from 49m. Silica alteration, disseminated pyrite.
GFRC4	68-69	1	1.1*	
GFRC6	152-156	4	1.8	Quartz veining
GFRC9	84-88	4	2.7	Hematite altered felsic volcanoclastics

* Indicates a one metre resplit result analysed by nominal 50g lead collection fire assay and flame AAS for Au (0.01ppm) – Genalysis method code FA50/AAS.

Otherwise, 4m composite analysis is by 10g aqua regia digest, solvent extraction and flame AAS for Au (0.01ppm) - Genalysis method code B/SAAS.

The Griffin Well hole locations are shown in Figure 2 overleaf.

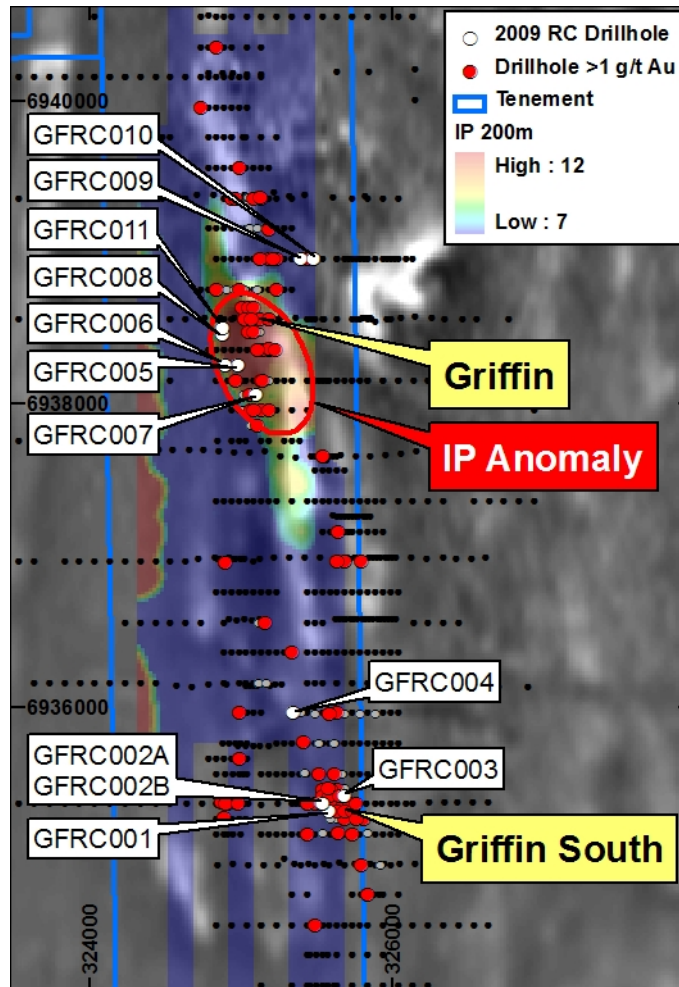


Figure 2. Darlot RC Drill Hole Locations over 1st VD Magnetic and Colour IP Image

Preliminary interpretation of geological data suggests the gold is most likely associated with disseminated pyrite within silica altered diorite and iron oxide altered felsic volcanics. Quartz veining was also noted as being coincident with elevated gold in several drill holes. An evaluation of all results will be made to determine the most prospective areas for potential follow-up drilling.

Dermot Ryan
Managing Director

Contact:

Telephone: 08 9436 9200 Facsimile: 08 9436 9299 Email: admin@enterprisemetals.com.au

The information in this announcement that relates to Exploration Results has been reviewed by Mr Dermot Ryan, who is a Fellow of the Australian Institute of Geoscientists, a Fellow of the Australasian Institute of Mining and Metallurgy, a Chartered Professional and a full time employee of geological consultancy XServ Pty Ltd. Mr Ryan has sufficient relevant experience in the 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.