



ENTERPRISE METALS LIMITED

ACN 123 567 073

ASX ANNOUNCEMENT

27 July 2009

RC DRILLING TO COMMENCE AT GRIFFIN WELL (DARLOT)

Enterprise Metals Limited ("Enterprise" or "the Company", ASX:ENT) wishes to advise that a 12 hole reverse circulation ("RC") drilling program will commence at **Griffin Well** on or about Wednesday 29th July 2009.

The Griffin Well prospect is located some 23 km north of the Darlot gold mine in the Yandal Greenstone belt of Western Australia. Enterprise recently completed an Induced Polarisation ("IP") survey to search for zones of quartz veining, silica alteration and massive and disseminated sulphides beneath anomalous gold in historical shallow drill holes. A number of strong IP responses were detected, which require drill testing.

RC drilling will commence at Griffin, where a strong IP response is evident below anomalous gold in a shallow RAB hole at approximately 6938,250N. Modelling of the IP data suggests that the source is greater than 100m below surface. The previous drilling in this area has been too shallow to test this zone. Data from infill IP lines suggested that the IP zone deepens to the south and west.

Drilling will also be undertaken at Griffin South, where the modelled IP data suggests that potential gold mineralisation is increasing in depth to the north.

Dermot Ryan
Managing Director

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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.

All co-ordinates quoted are MGA Zone 51, GDA94.



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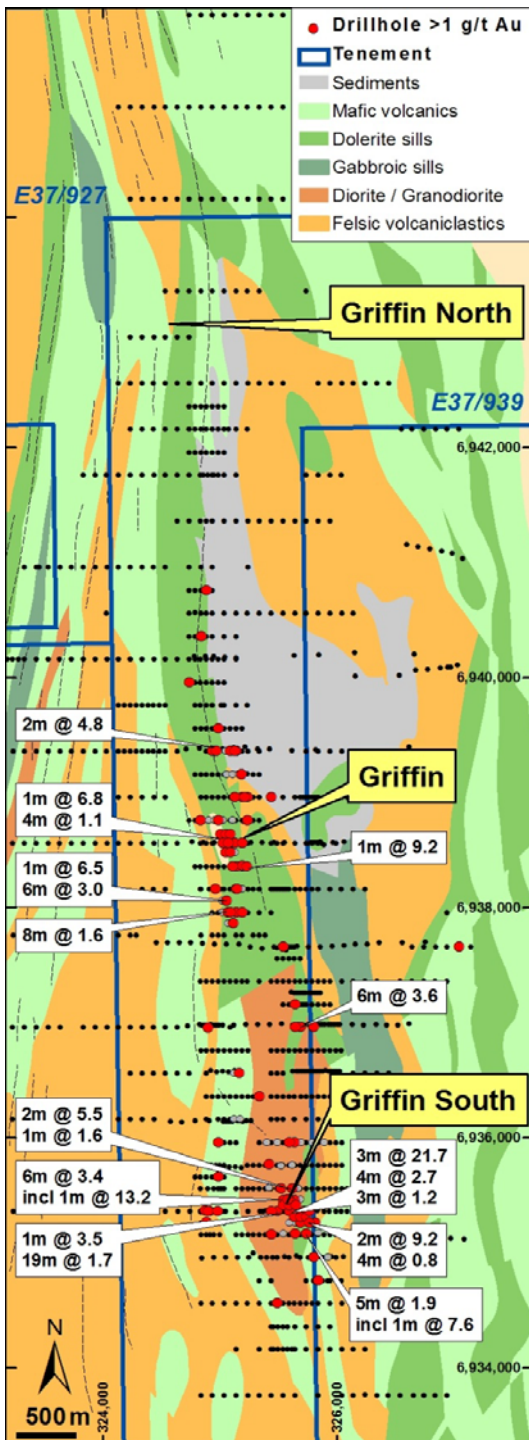


Figure 1a.

Griffin Well Prospect,
showing local geology with
historical drilling results

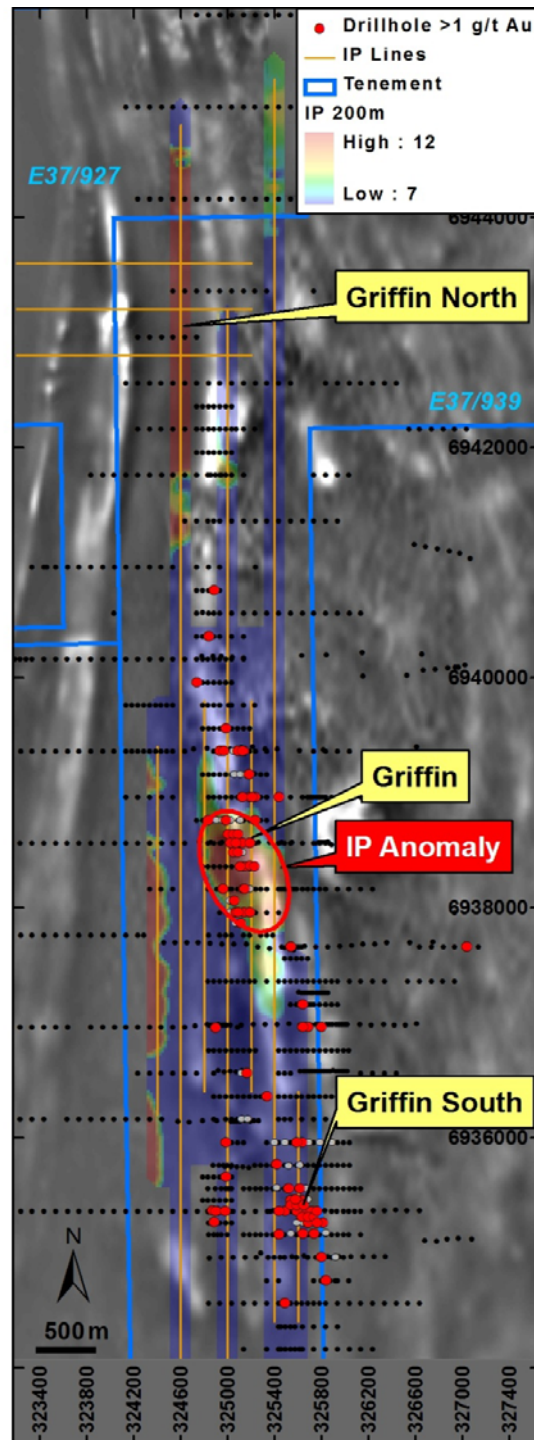


Figure 1b.

IP Phase Data,
200 metre Depth Slice over
1st VD Magnetic Image,
Showing NW-SE striking Target Zone