

ASX ANNOUNCEMENT

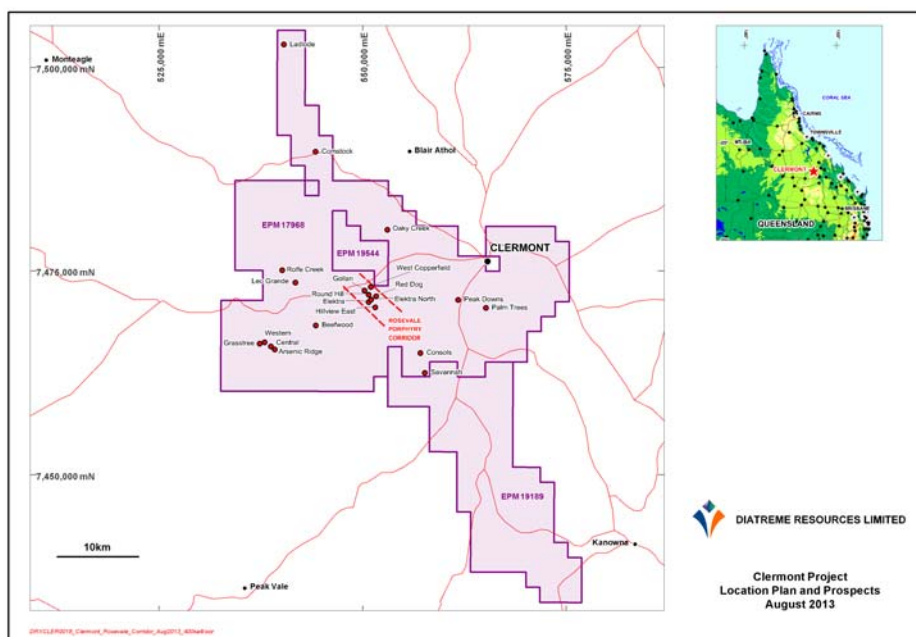
16 September 2013

CLERMONT COPPER PROJECT DRILLING RE-COMMENCES

Diatreme Resources Limited (ASX:DRX) is pleased to announce that diamond drilling has re-commenced at the Rosevale Project in central Queensland.

As part of the JV at Clermont, a wholly owned subsidiary of Antofagasta plc is targeting large (>1M tonne) copper deposits and work is directed towards locating such deposits.

Diamond drilling has re-commenced at Rosevale in the quest for discovery of large scale porphyry copper mineralisation. The drilling is expected to take two weeks to complete, with mineral analytical results becoming progressively available over a longer period.



Clermont Project Location Plan showing prospects

At the Gollan Prospect toward the north of the Rosevale Porphyry belt, DRX has defined from previous drilling a wide zone of hematite-bearing propylitic alteration of the intrusives, located in a zone of abundant secondary carbonate copper on surface. The geological setting is reminiscent of the high grade Ridgeway deposit at Cadia NSW.

Diatreme Resources is an Australian based diversified mineral explorer with significant projects in heavy mineral sands, copper, base metals and gold.

The Company owns the world class Cyclone Zircon Deposit in Western Australia, situated within the recognised Eucla Basin province, along with extensive areas of underexplored ground prospective for heavy mineral sands.

The Board and senior personnel exhibit wide experience, ranging through the exploration and development phases of resource management.

Australian Securities Exchange
Codes: DRX and DRXO

Securities

Ordinary shares (DRX):

609,582,422

Listed 15c options (30/09/13)(DRXO):

88,650,035

Unlisted 10c options (30/4/19) (DRXA):

15,400,000

Board of Directors

Executive:

Tony Fawdon - Chairman/CEO

David Hall - Operations

Non-executive:

George White

Andrew Tsang

William Wang

Neil McIntyre

Daniel Zhuang

Joint Company Secretaries:

Leni Stanley

Tuan Do

Key Projects:

- Eucla Basin Cyclone Zircon Project
- Clermont Copper Project
- Anabama Copper Project
- Gilbert River Base Metals Project

Diatreme Resources Contact:

Tony Fawdon

Executive Chairman/CEO

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Share Registry:

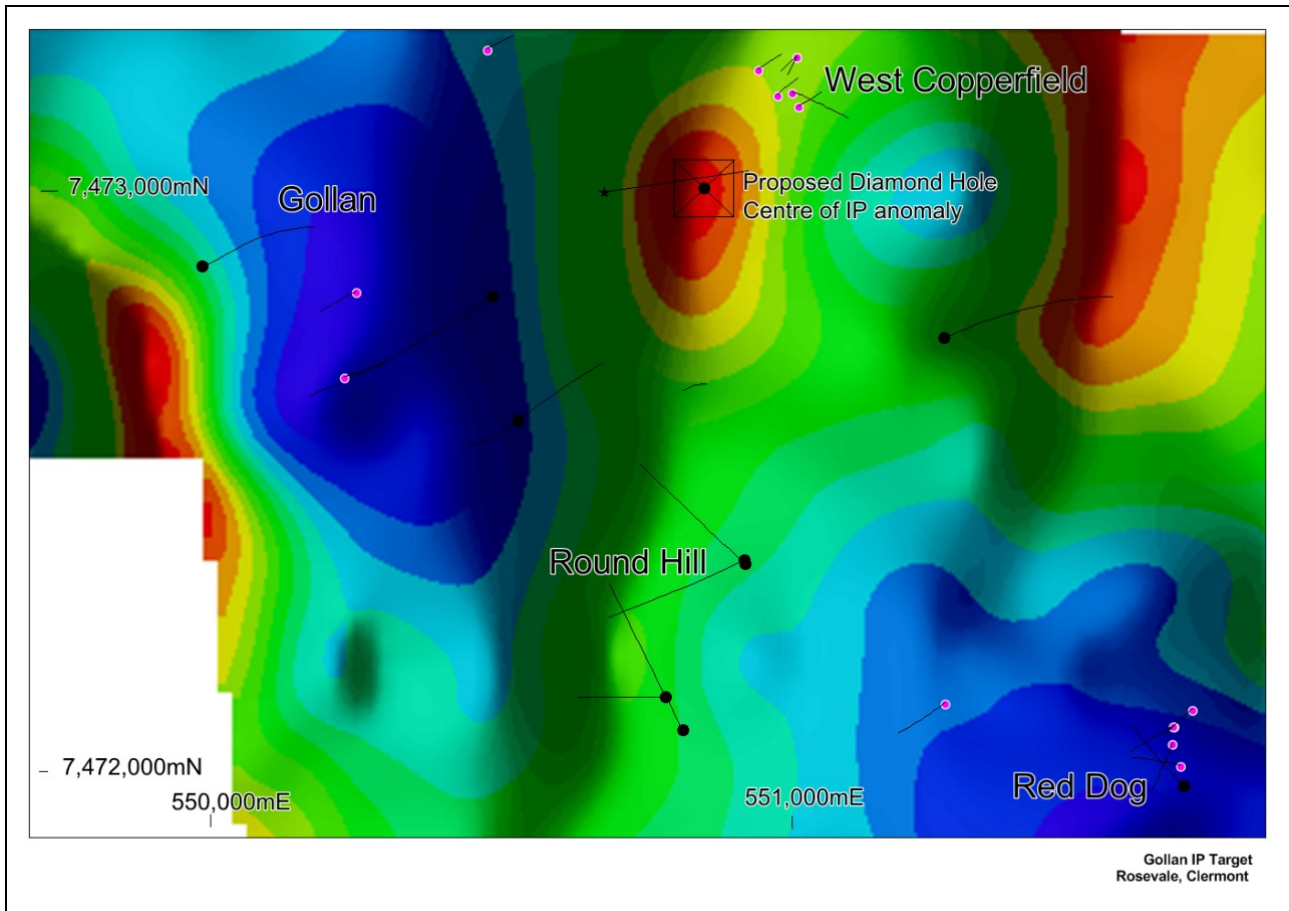
Link Market Services

Level 15, ANZ Building

324 Queen Street, Brisbane, Q4000



A 500m deep diamond drill hole from surface has commenced, targeting a very high Induced Polarisation (IP) anomaly situated between the Gollan and West Copperfield prospects. The hole will be drilled at a dip of 60° towards the east and expected to intersect the anomaly 150m down the hole. Updates to the market will be made available as drilling progresses.



Location of diamond drill hole into IP anomaly, Rosevale, Clermont.

For further information:

Tony Fawdon

Executive Chairman/CEO

Ph: +61 7 3832 5666

Competent Person Statement

The information in this report, insofar as it relates to Exploration Results is based on information compiled by company personnel under the supervision of Mr David Jelley, who is a full time employee of Diatreme Resources Limited and a Member of the Australasian Institute of Mining and Metallurgy. Mr Jelley has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he has undertaken to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Jelley consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.