



## FIELD ACTIVITY UNDERWAY, SUCCOTH DRILLING TO COMMENCE SOON

### HIGHLIGHTS

- All clearances received for 2015 field program
- Exploration camp re-opened and field activities underway
- Ground EM survey has commenced, and will initially target Succoth West
- Succoth drilling scheduled to commence in June or early July
- First drill hole at Succoth will test a significant DHEM anomaly

Cassini Resources Limited (ASX:CZI) ("Cassini" or the "Company") is pleased to provide an update of activities at its 100% owned West Musgrave Project ("Project") in Western Australia.

Following the successful capital raising in April, the Company has commenced its 2015 work program. The exploration camp has been re-opened and is expected to be manned throughout the 2015 field season, which is likely to continue to early December.

### Succoth Prospect – First Priority

Cassini's geological team is currently on-site undertaking re-logging and re-interpretation of historical drill core from the Succoth Prospect. Over 30 diamond holes will be reviewed in order to refine the geological model and gaining a better understanding of mineralisation controls.

A key element of the review is to better understand the potential for discovery of material nickel mineralisation within the prospect. Whilst disseminated copper mineralisation has been found over a strike of 3km, two smaller, nickel-rich zones have been identified by previous drilling (Figure 2).

These nickel-rich zones have received little subsequent exploration follow-up and are a high priority target for Cassini.

Examples of nickel-rich zones within the Succoth Prospect include 0.55m @ 1.59% Ni, 0.16% Cu from 225.8m (WMN4023) and 0.6m @ 1.39% Ni, 0.95% Cu from 227.7m (WMN04024).

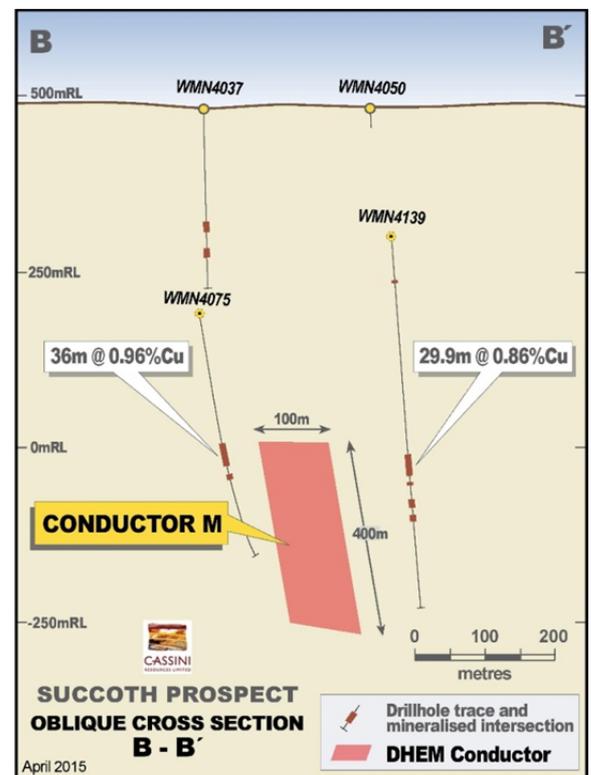


Figure 1. Section showing Conductor to be drill tested

## Succoth Geophysical Survey

The Company has recently been re-assessing all the historical geophysical data from Succoth. This included surface and downhole electromagnetic surveys (“DHEM”) which identified the large off-hole conductor described in an ASX release on 15 April 2015.

An area to the west of the central Succoth Prospect has not been effectively tested by previous EM surveys. This area includes a zone of structural complexity which has had little previous drilling. Cassini’s new survey will use an alternative orientation to past surveys and will be significantly more powerful, allowing the Company to identify conductors to potential depths of 600m, dependant on the orientation and sulphide content of the conductor.

Cassini has engaged Vortex Geophysics to complete the surface moving loop EM survey which is due to commence today and run for the next two weeks.

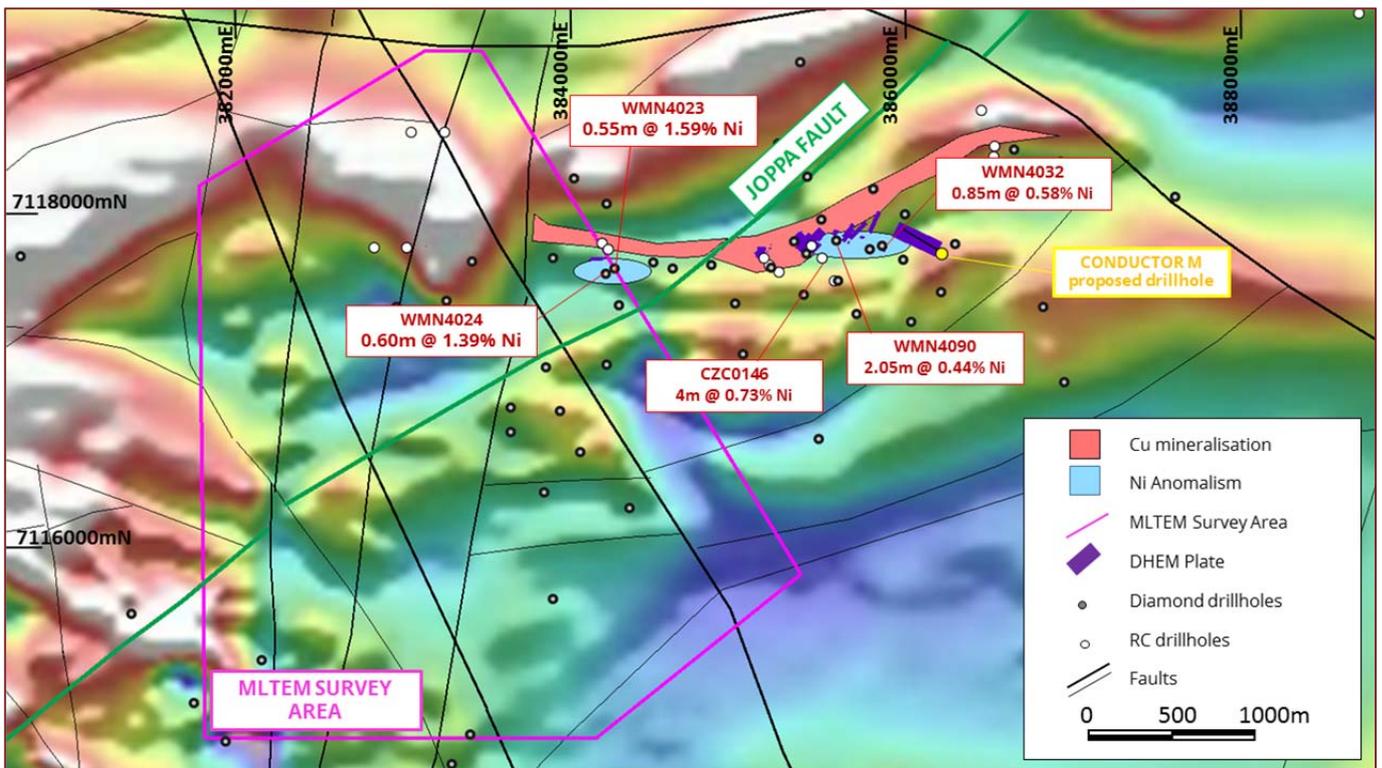


Figure 2. Succoth Prospect showing mineralised zones, nickel anomalism and geophysical survey area over Total Magnetic Intensity.

## Preparation for Drilling Underway

The Company has identified a number of targets ready for drilling at Succoth and Nebo-Babel including a diamond hole which is proposed to test the recently identified large DHEM conductor (Conductor M). The conductor is interpreted to potentially represent massive sulphides at the apparent down-plunge position of the existing mineralisation. The Company has applied for a West Australian Government EIS funding grant to assist with drilling a single diamond hole to test the conductor.

The remainder of the drill program will be finalised after interrogation of the new geophysical data, and is scheduled to commence in late June or early July.

All environmental and heritage clearances for the current 2015 field season have been received. The Company has enjoyed a good working relationship with the Ngaanyatjarra Council to ensure the cultural heritage aspects of the project are preserved.

A Level 2 Flora Survey over the Nebo-Babel deposits is scheduled to commence in June. This is a critical path item for the completion of the Pre-Feasibility Study.



*Re-logging drill core, West Musgrave Exploration Camp*

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### **Competent Persons Statement**

The information in this report that relates to Exploration Results is based on information compiled or reviewed by Mr Greg Miles, who is an employee of the company. Mr Miles is 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 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Miles consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

The Company is not aware of any new information or data, other than that disclosed in this report, that materially affects the information included in this report and that all material assumptions and parameters underpinning Mineral Resource Estimates and Exploration Results as reported in the market announcement dated 15th of April 2015 continue to apply and have not materially changed.

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