



CASSINI
RESOURCES LIMITED
ABN 50 149 789 337

ASX Announcement

12 June 2013

Receipt of Heritage Approvals for Drilling of West Musgrave Project

Highlights:

- **All Heritage Approvals have been received for RC drilling of Cassini's West Musgrave Project**
- **Drilling contractor appointed**
- **Program of Work (PoW) submitted to Department of Mines and Petroleum**
- **Drilling expected to commence before mid-August**

Cassini Resources Limited (ASX:CZI, Cassini or the Company), is pleased to provide an update on the planned maiden Reverse Circulation (RC) drilling program at the Pandora nickel-copper sulphide target at its 100% owned West Musgrave Project in Western Australia. The Company has now received all of the required heritage approvals from the Nygaanyatjarra Land Council for the proposed RC drilling program.

Cassini has contracted Resource Drilling Services to undertake the initial RC drill program. The first phase of the program is anticipated to consist of 1,800 metres of RC drilling, which will take approximately two weeks. The program may vary based on the outcome of the initial drilling.

A Program of Work (PoW) summary has been lodged with the Department of Mines and Petroleum (DMP), which is the only remaining milestone to be satisfied prior to the commencement of drilling. The Company expects the approval process to be completed before the end of July 2013, which will allow for drilling to commence by mid-August 2013.

Mike Young, Chairman of Cassini, said: "It is pleasing to be in a position to provide some good news against a backdrop of generally dour market sentiment. A focus on exploration at this time positions the Company to take advantage of stronger commodity prices and market conditions in the future. Notwithstanding the general market environment, we continue to receive considerable interest in the Company and the West Musgrave Project."

West Musgrave Project - Background

When Cassini listed on the ASX in January 2012, the West Musgrave Project was one of a number of prospective early stage projects.

Subsequently, analysis performed by Dr Jon Hronksy, a consultant to Cassini, confirmed the regional and local prospectivity of Ni-Cu sulphide geology at Cassini's West Musgrave Project. The analysis provided the Company a cost effective, targeted exploration pathway and the West Musgrave Project was elevated to a priority target in October 2012.

During the course of this analysis, a linear string of “bulls-eye” magnetic anomalies were identified, which were similar to other anomalies elsewhere in West Musgrave, confirmed to be mafic-ultramafic intrusions.

Transported cover over the West Musgrave Project prevents effective geochemical survey work so an airborne electro-magnetic (EM) survey was deemed to be the most effective technique to identify metal sulphide mineralisation.

In April 2013, a Versatile Time Domain EM (VTEM) survey was flown over the project and identified a large scale, high priority EM conductor (Pandora Target).

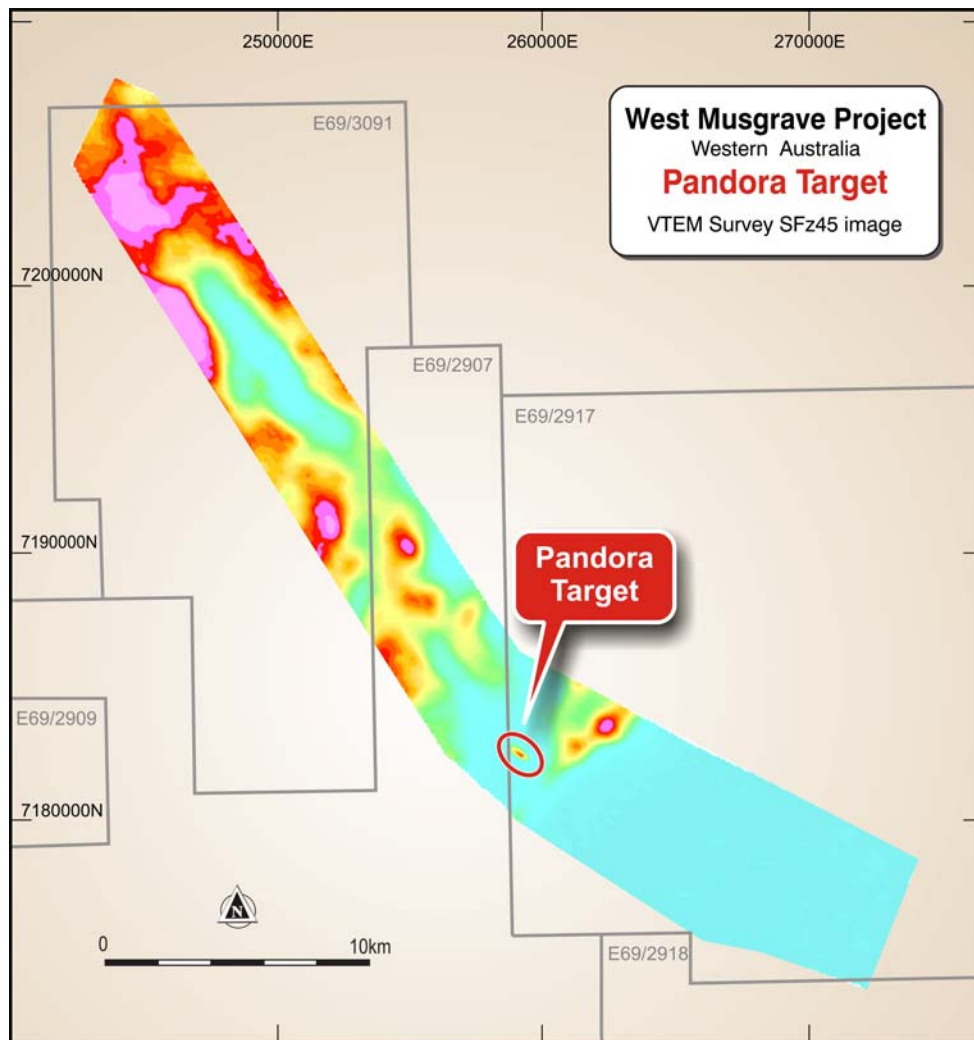


Figure 1 VTEM survey image.

The VTEM survey result was significant due to:

- Interpretation showed a large, discrete, late-time EM anomaly, striking over 600m (Pandora Target).
- The source of the anomaly has a strong contrast with the background conductivity.
- The strong EM anomaly coincidence with Total Magnetic Intensity (TMI) response is very significant as mafic-ultramafic intrusions are often hosted in rocks containing magnetite.
- The EM anomaly being located at margin of magnetic anomaly is consistent with basal-contact sulphide mineralisation.

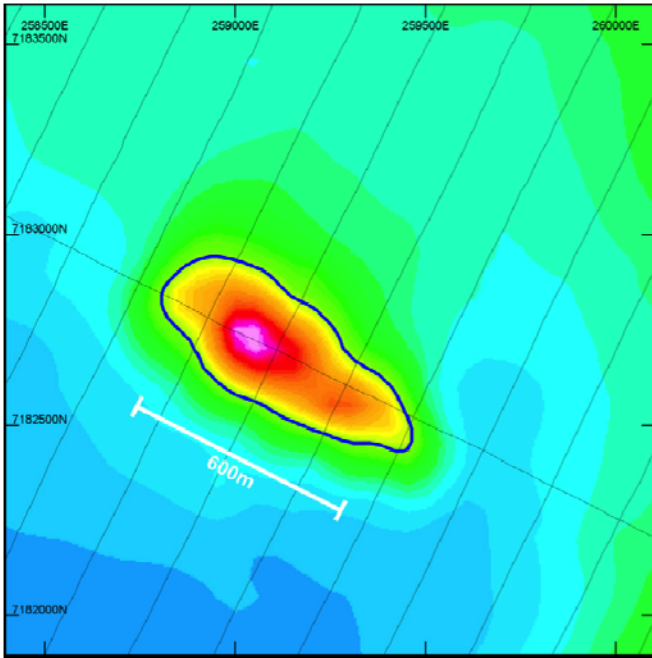


Figure 2 VTEM survey image showing large scale Conductor.

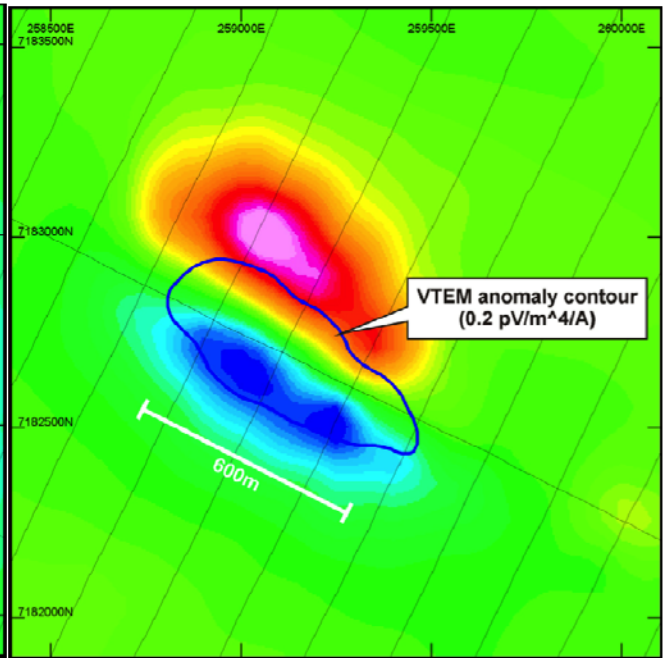


Figure 3. Total Magnetic Intensity image with VTEM anomaly overlaid.

A ground EM survey followed up the airborne survey in May 2013 which confirmed:

- A high priority EM conductor coincident with a magnetic high (Pandora Target);
- The conductor is large-scale with dimensions 600m long by 200m wide;
- The depth of cover and/or weathering to top of conductor is only 70m; and
- The detailed geometry of the conductor reinforces the conceptual geological model of massive and/or stringer nickel-copper (Ni-Cu) sulphides hosted within a mafic intrusion.

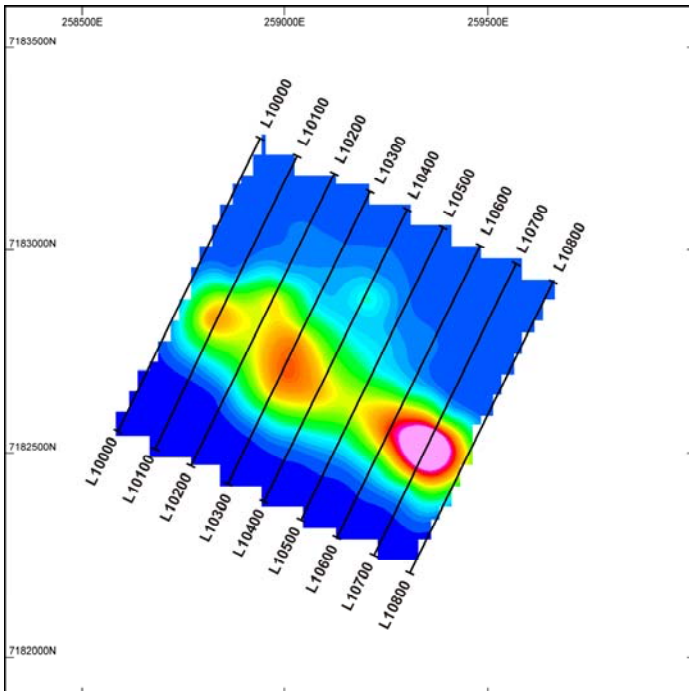


Figure 4. Ground EM survey image. RVR coil (dB/dt) vertical component response at channel 20 (6.093ms).

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About Cassini

Cassini Resources Limited (ASX: CZI) is an Australian resource exploration company that successfully listed on the ASX in January 2012 with an asset package of prospective tenements and applications in Western Australia. In May 2012, Cassini added three gold exploration projects in Nevada, USA, via Joint Venture agreements with Renaissance Gold Inc. (TSX:REN).

Cassini has a dual focus, with nickel, copper and gold prospects in Western Australia and gold exploration projects in Nevada (USA). Cassini's priority Western Australian project is located in the highly regarded Musgrave region, with limited previous exploration and potentially high reward.

Cassini aims to explore and progress its key projects, and to identify additional projects that are commercially attractive with the aim to increase shareholder value.

Competent Persons Statement

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr David Johnson, who is an employee of the company. Mr Johnson 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 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Johnson consents to the inclusion in this report of the matters based on information in the form and context in which it appears.