



CASSINI
RESOURCES LIMITED

ABN: 50 149 789 337

ASX Announcement

23 May 2014

Preparation for Drilling at Nebo-Babel

Key Activities Underway:

- ✓ **Program of Works to be lodged in the coming days**
- ✓ **Ongoing database interrogation continues to support Cassini's high-grade strategy**
- ✓ **Drill contractor tendering underway**
- ✓ **Targeting commencement of drilling for early July, pending receipt of normal heritage clearances and DMP approvals**
- ✓ **Reactivation of existing exploration camp scheduled for June**

Cassini Resources Limited (ASX: CZI) ("**Cassini**" or the "**Company**") is pleased to provide an update on the upcoming work programs for the recently acquired West Musgrave Project (the "**Project**").

The acquisition of the Project was successfully completed on 6 May 2014 and since then Cassini has been very active in preparation for drilling at the Project, which will target the interpreted higher-grade zones within the Nebo-Babel deposit.

Aim of the Program

The initial works program is designed to achieve the key technical milestones to support Cassini's higher-grade strategy at Nebo-Babel. They are:

1. Targeting the known higher-grade zones at Nebo-Babel to confirm continuity of mineralisation;
2. Investigating mineral processing and metallurgical recoveries of high grade ore at Nebo-Babel.

Cassini hopes to commence this work soon and expects to complete the field work by December this year.

Drilling Program at Nebo-Babel

Reverse Circulation ("**RC**") drilling will be used to infill the areas around the known higher-grade domains of the existing Nebo-Babel resource. The RC drilling program is designed to test for potential resource extensions and to improve the resource confidence.

Cassini intends to contract 2 rigs to undertake the RC program, drilling in the order of 30,000m in several phases during the 2014 field season.

A smaller, targeted diamond drilling program will be undertaken to collect representative samples required for the mineral processing metallurgical test work. Drilling locations have been determined in consultation with Dr Ben Grguric, Consultant Mineralogist, to ensure all appropriate domains and ore types are represented in the diamond core samples collected.



About Cassini

Cassini Resources Limited (ASX: CZI) is an Australian resource company that successfully listed on the ASX in January 2012. In April 2014, Cassini acquired the significant Nebo and Babel nickel and copper sulphide deposits in the Musgrave region of WA. The Company's primary focus is now on the development of these deposits and progressing them through to successfully mineral production as a matter of priority.

Cassini aims to progress its development projects, to explore and add value to its exploration stage projects with the aim to increase shareholder value.