

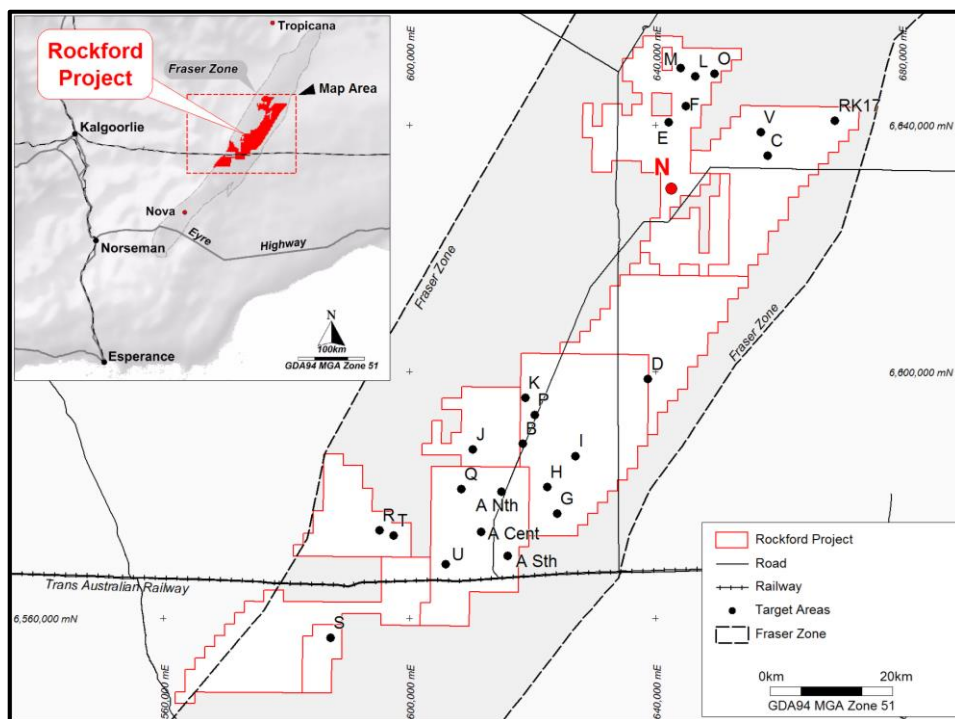


## Aircore Drilling Planned and Petrology Results Received Rockford Project – Fraser Range

- **3,000m aircore drilling programme targeting EM conductors to commence in November 2017**
- **Petrology provides new geological information for future activity planning**

Legend Mining Limited (“Legend”) is pleased to provide details of a 3,000m aircore drilling programme and an update of recent petrology results from Area N at its Rockford Project in the Fraser Range district of Western Australia.

A 3,000m aircore drilling programme is planned over Areas D, J, Q and U, which contain EM conductors previously identified from regional innovative EM surveys, see Figure 1. This drilling will provide information on the regolith profile, basement lithologies and the lithogeochemical signature of the basement rocks, and assist with prioritising potential follow up RC/diamond drilling. The drilling programme is scheduled to start in early November 2017 and expected to take three weeks to complete.



**Figure 1: Prospect Location**

Legend Managing Director Mark Wilson said, “Our next field programme will consist of aircore drilling over areas already identified as prospective by moving loop EM surveys and is designed to provide lithogeochemical information to assist in prioritising future diamond drilling programmes. It was also pleasing to get petrological confirmation that diamond hole 3 at Area N intersected mafic/ultramafic intrusions in metasediments, which is a setting consistent with Nova-Bollinger style mineralisation. This knowledge furthers our understanding of the geology of the Rockford project and will assist in planning future field activities.”

Results from 22 petrology samples selected from diamond drillholes RKDD003-004 at Area N have been received, and provided valuable information on rock type, sulphide character and the relationship between the mafic/ultramafic intrusives and metasediments.

The petrology confirmed the presence of multiple mafic/ultramafic sill-like intrusions, which have intruded a thick metasedimentary package with sulphidic-graphitic intervals. Significant mixing/assimilation of the sulphidic-graphitic metasediment with the intrusions has occurred and is a critical process in the potential formation of massive nickel-copper sulphide deposits, such as Nova-Bollinger. However, the intrusions at Area N are considered fractionated, high-level and low-Ni intrusions with any significant mineralisation occurring lower in the system.

The petrological information represents an important dataset, and when integrated with the litho-geochemistry, aeromagnetic and gravity data greatly assists the interpretation and geological understanding of Area N and the wider Rockford Project. Future exploration will be focussed on trying to identify the more nickel-rich parts of these mafic/ultramafic intrusions.

#### **Competent Person Statement**

*The information in this report that relates to Exploration Results is based on information compiled by Mr Derek Waterfield, a Member of the Australian Institute of Geoscientists and a full time employee of Legend Mining Limited. Mr Waterfield has sufficient experience that is relevant to the styles of mineralisation and types of deposit under consideration, and to the activity being undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Waterfield consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

Visit [www.legendmining.com.au](http://www.legendmining.com.au) for further information and announcements.

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