

17 May 2023

## Diamond drilling underway at Octagonal

### HIGHLIGHTS

- First diamond drillhole to test Target Area B – Target Area A to follow
- Down Hole EM planned on completed drillholes

**Legend Mining Limited** (Legend) is pleased to announce that diamond drilling is underway at the Octagonal prospect within the Rockford Project, Fraser Range, Western Australia (see Figures 1 and 2). Drilling has commenced at Target Area B.

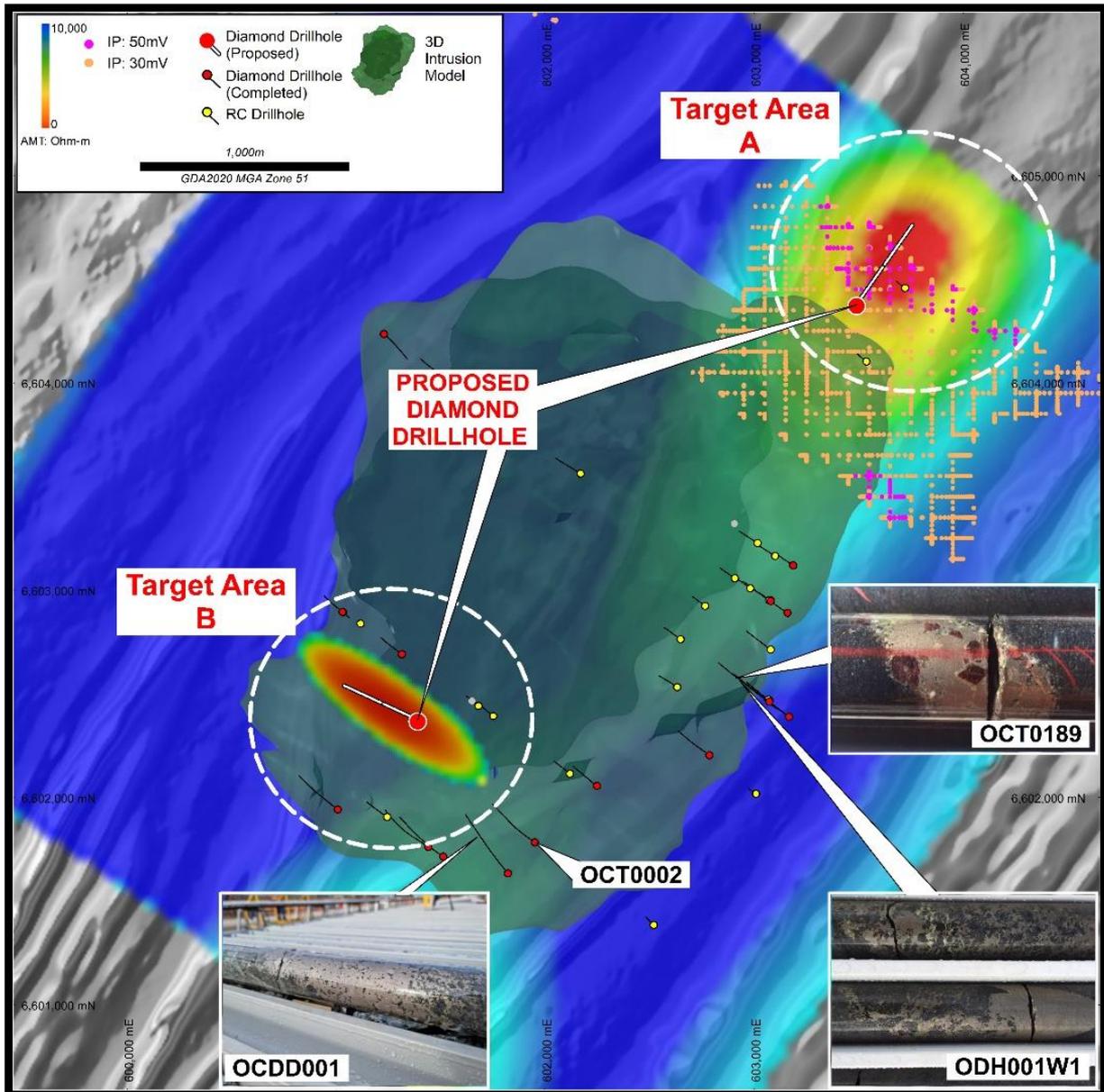
Legend Executive Chair Mr Mark Wilson said: *“Both these target areas have multiple data sets supporting the potential for significant nickel copper sulphide accumulations. They both qualify as the most exciting diamond drill targets the team have seen at our Rockford project since Legend started in the Fraser Range in 2015. Each hole is expected to take approximately four weeks to complete.”*



**Photo 1:** Diamond drilling underway at Octagonal at Target Area B.

## TECHNICAL DISCUSSION

The 2023 diamond drilling campaign at Octagonal is now underway. Diamond drilling will be focused on two areas (see Figure 1).



**Figure 1:** Priority target areas and proposed diamond drillholes shown with Octagonal intrusion model, IP anomalies, 2D & 3D AMT anomalies and existing drilling with visual Ni-Cu mineralisation on AMAG.

Target Area A will see a diamond drillhole target interpreted extensions of the Octagonal intrusion based on seismic interpretation. Beyond this, the drillhole will extend to test a highly chargeable IP anomaly before continuing to test the top of a large AMT conductor. Evidence from seismic data, IP and 3D AMT anomalies, structural interpretation, gravity modelling, and existing drilling data suggests excellent potential for the mineralised Octagonal intrusion extending outside the expressed 'eye' feature as depicted in the aeromagnetics.

Target Area B will test a seismic feature interpreted as intrusion, associated with a conductive 2D AMT feature at depth. Structural analysis and seismic modelling, coupled with AMT modelling and proximal diamond drilling suggests the Octagonal intrusion extends at depth.

The depth of the extensive Octagonal Intrusive Complex makes it blind to surface EM below 600m, therefore opening up a very large and prospective search space below current drilling. Both proposed diamond drillholes have a nominal planned depth of 1000m-1500m. Seismic has been a key tool in refining drill targets at depth.

All completed diamond drillholes will be subject to a suite of downhole geophysics, including EM and petrophysical property measurements, with collected data to aid in direct targeting for economic sulphide accumulations as well as refinement of the existing seismic cube.

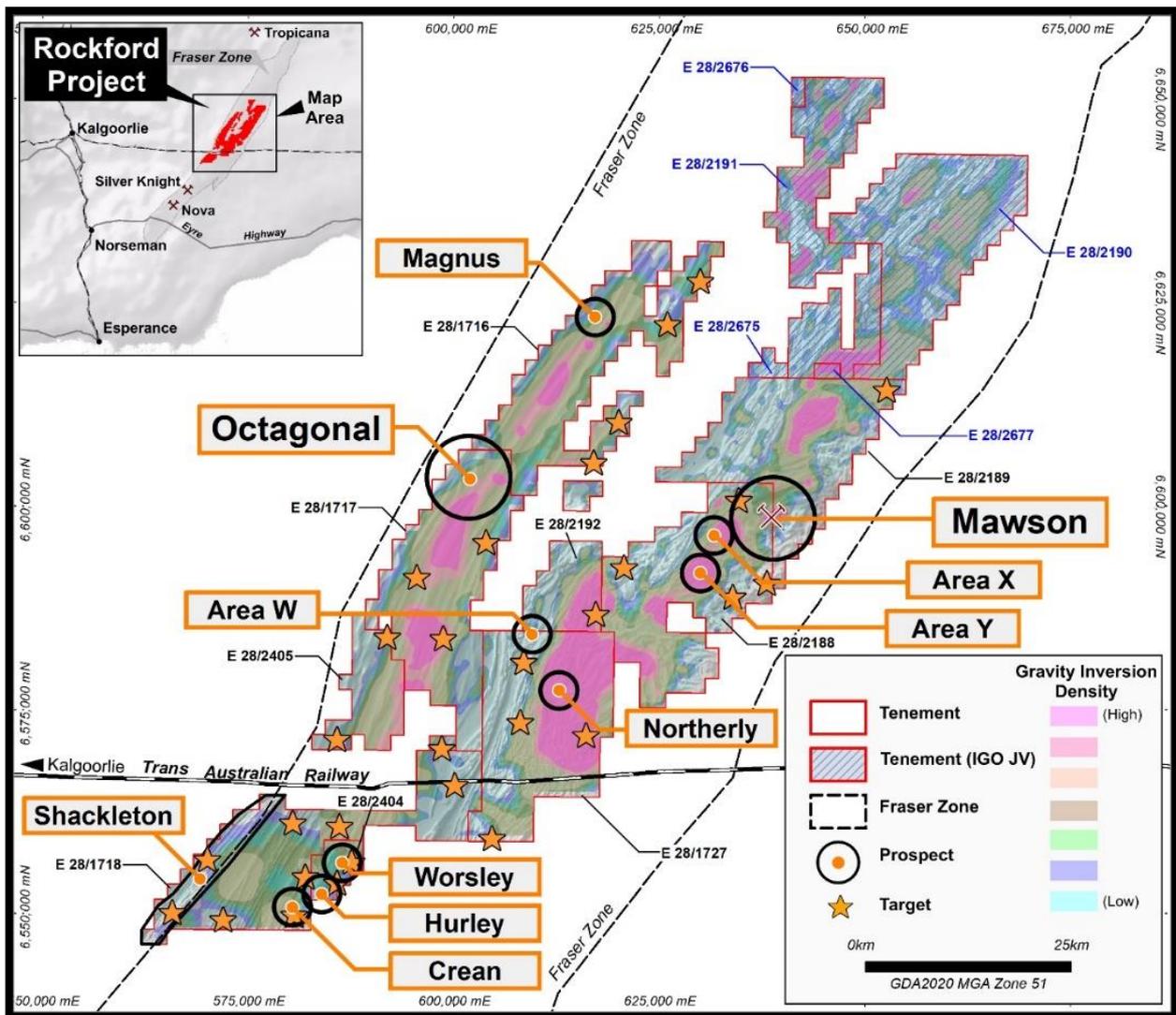


Figure 2: Rockford Project Prospect Locations on Gravity

Authorised by Oliver Kiddie, Managing Director.

## **Competent Person Statement**

*The information in this report that relates to Exploration Results is based on information compiled by Mr Oliver Kiddie. Mr Kiddie is a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Legend Mining Limited. Mr Kiddie 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 Kiddie consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*The information in this report that relates to Legend’s Exploration Results is a compilation of previously released to ASX by Legend Mining (28 March 2023 and 20 April 2023). Mr Oliver Kiddie consents to the inclusion of these Results in this report. Mr Kiddie has advised that this consent remains in place for subsequent releases by Legend of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent. Legend confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters in the market announcements continue to apply and have not materially changed. Legend confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcements.*

## **Forward Looking Statements**

*This announcement contains “forward-looking statements” within the meaning of securities laws of applicable jurisdictions. Forward-looking statements can generally be identified by the use of forward-looking words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “believe”, “continue”, “objectives”, “outlook”, “guidance” or other similar words, and include statements regarding certain plans, strategies and objectives of management and expected financial performance. Forward-looking statements are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance. These forward-looking statements are based upon a number of estimates, assumptions and expectations that, while considered to be reasonable by Legend Mining Limited, are inherently subject to significant uncertainties and contingencies, involve known and unknown risks, uncertainties and other factors, many of which are outside the control of Legend Mining Limited and any of its officers, employees, agents or associates.*

*Actual results, performance or achievements may vary materially from any projections and forward-looking statements and the assumptions on which those statements are based. Exploration potential is conceptual in nature, to date there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource. Readers are cautioned not to place undue reliance on forward-looking statements and Legend Mining Limited assumes no obligation to update such information made in this announcement, to reflect the circumstances or events after the date of this announcement.*

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

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