

ASX Announcement

DIAMOND DRILL PROGRAM UNDERWAY AT THE ISA NORTH COPPER-GOLD PROJECT

Highlights

- **1,500m Diamond drill program underway at the Isa North Project in Queensland**
- **Two combined gravity and magnetic IOCG targets to be tested**
- **Program supported by a \$275,000 Queensland Government grant**

Strategic Energy Resources Limited (“**SER**” or “the **Company**”) is pleased to announce the commencement of a 1,500m diamond drill program at the Isa North Project in northwest Queensland. The Project is currently surrounded by major mining companies including Fortescue, Anglo American and Rio Tinto (Fig. 2), and captures the projected northern extension of the mineralised Mt Gordon – Gunpowder Fault Zone. The Fault Zone is host to multiple large mineral deposits which lie on, or are adjacent to the fault system, including the Mt. Isa, Mt. Oxide and Gunpowder Copper deposits. Nearby drill results from True North Copper¹ (ASX: TNC) have recently demonstrated the fertility of the fault to host significant mineralisation further under cover.



Figure 1: Drill rig onsite testing the Nardoo East (N8) target at Isa North

¹ See TNC 26 August 2025 Announcement



Commenting on the commencement of the drill program, SER Managing Director, Dr David DeTata said:

“We are extremely excited to begin our first diamond drill program at Isa North, having negotiated land access and secured co-funding to test these two compelling magnetic anomalies that we identified as priority drill targets. The Nardoo East and Nardoo West targets are interpreted to be coincident magnetic and density bullseye targets, located at a potential dilational setting along a major lithospheric structure, making them compelling untested IOCG targets. The first batch of assays are expected in late November”.

NARDOO PROSPECT

The Nardoo Prospect is located within an inflection point of the interpreted undercover extensions of the Mt Gordon – Gunpowder fault. The prospect is structurally complex, with a number of anomalies bounded by splays in the regional fault, with the structural setting at Nardoo considered to have similarities to the geological setting at the Ernest Henry deposit².

Last year a drone magnetic survey and a ground gravity survey was collected covering the Nardoo cluster which identified in greater detail multiple discrete highly magnetic bodies, at drillable depths, east of the main NE striking magnetic shear zone³ (Fig. 2). A number of these magnetic targets also display coincident gravity responses, indicating the possible addition of dense iron oxides associated with an IOCG system.

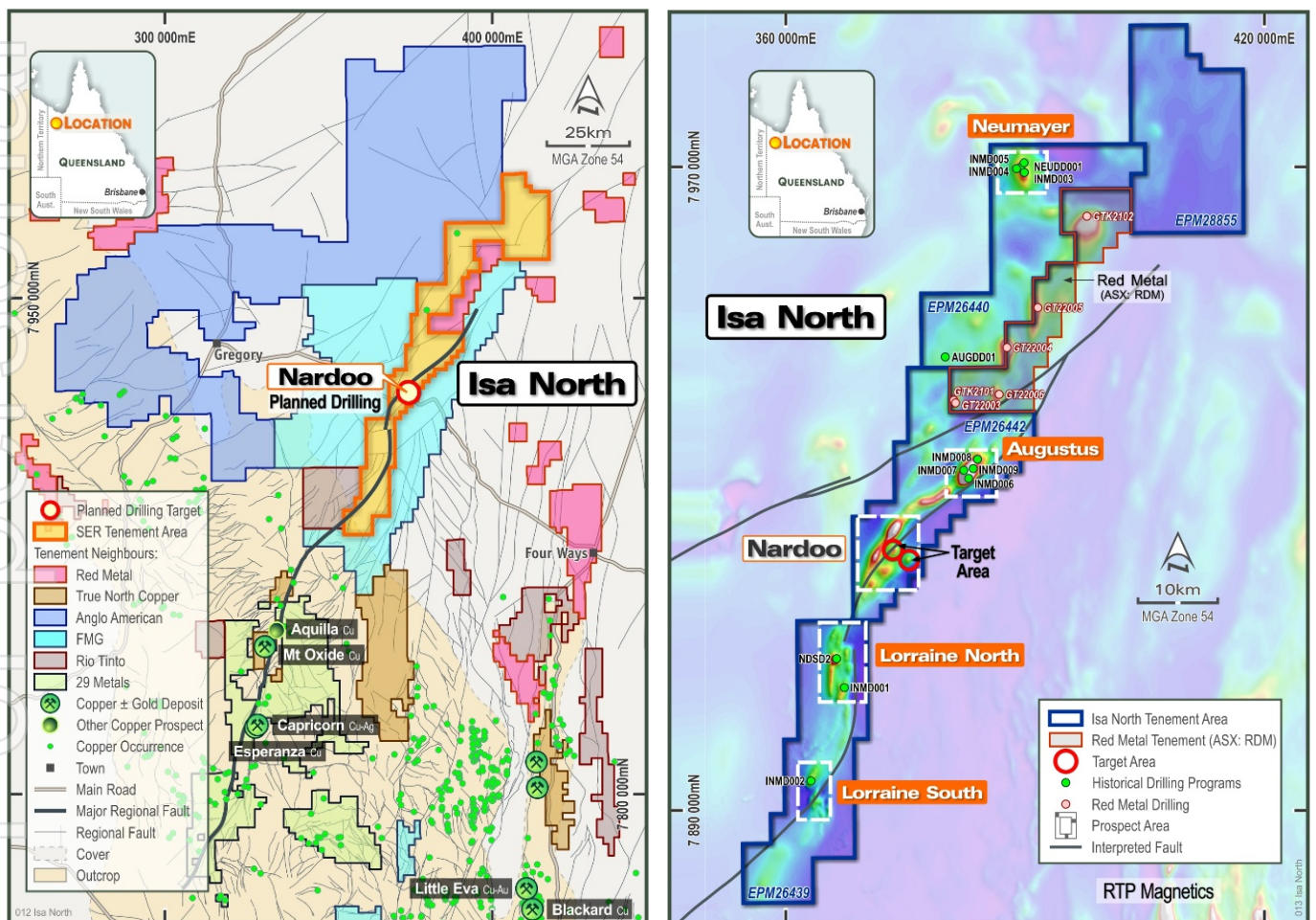


Figure 2: (Left) Isa North Project area and regional exploration companies (Right) RTP Magnetic image indicating Nardoo Target Area and the location of prospects previously drill tested by other companies.

² Austi, JR, Washe, JL, Gazley, MF, Ibrahim T, Patterson, BO, leGras, M, 2016. The Ernest Henry Cu-Au deposit: Integrated Petrophysical and Geochemical analysis. CSIRO, Australia, pp.56.

³ See SER 16 January 2025 Announcement



A machine learning model originally developed in partnership with Caldera Analytics as part of a previous CEI grant (CEI0308)⁴, was revised using the newly acquired gravity and magnetic data in an attempt to identify the targets with the highest probability of containing hydrothermal magnetite with a probability of 40% and above being a notable target. As a comparison benchmark, during independent validation testing Ernest Henry and E1 scored a probability of 67% and 45% respectively. Target N8 was identified as the highest priority target with a probability of 61% hydrothermal magnetite, with the lowest probability of other magnetic lithology groups, and a subsequent CEI grant application was submitted to test this target which was awarded earlier this year⁵.

NARDOO DRILL TARGETS

Of the four geophysical targets (Table 1) that were identified within the Nardoo cluster, the Nardoo East (N8) and Nardoo West (N7) targets which are coincident magnetic and gravity bullseye targets located within the structural kink of the fault and are possibly offset by secondary NW striking structures, were ranked as the highest priority targets (Fig. 3).

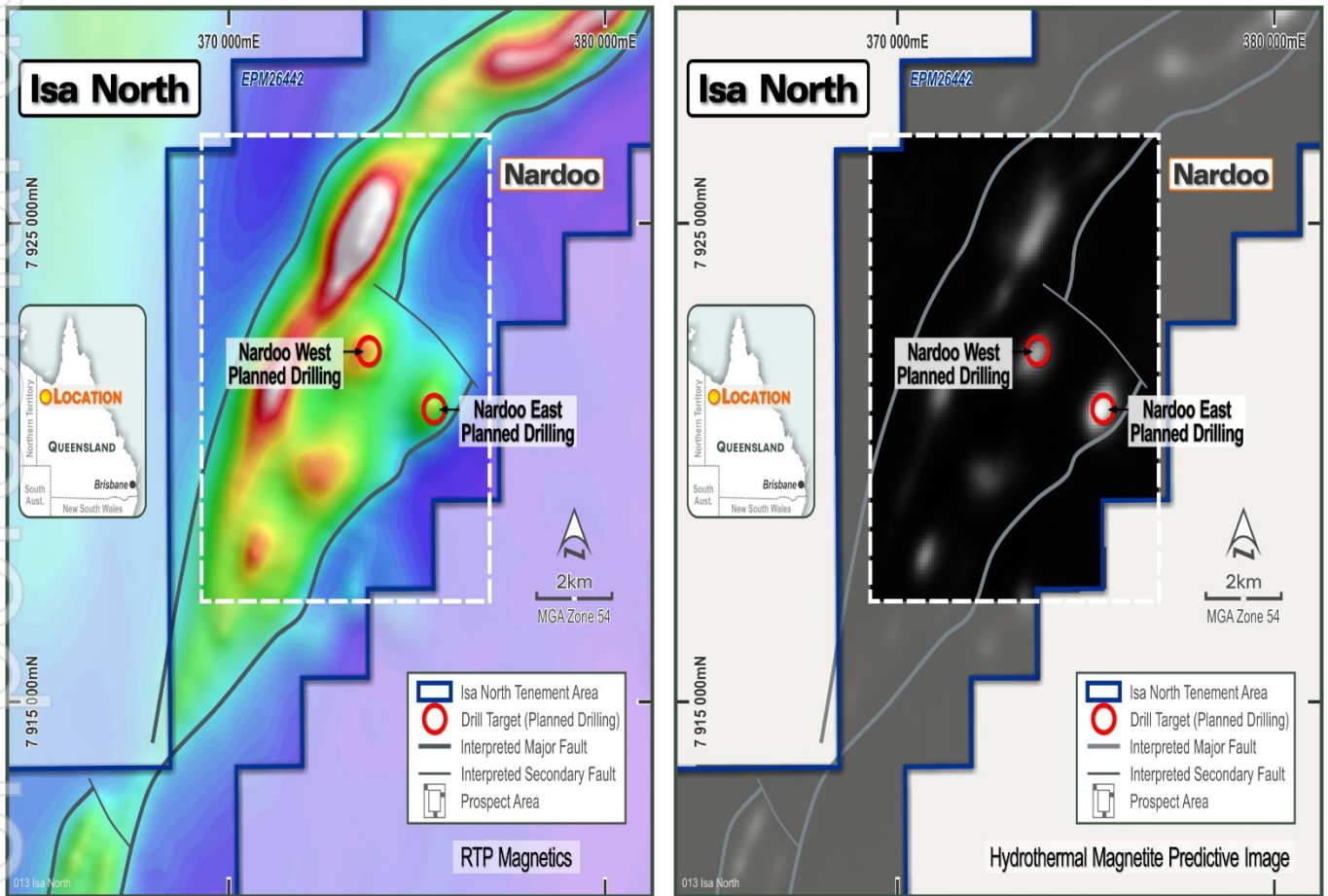


Figure 3: (Left) Nardoo target area over RTP Magnetics and (Right) Hydrothermal Magnetite Predictive Image indicating the location of planned drill targets.

⁴ Queensland Government – CEI recipients and reports, Round 5, 2021

⁵ See SER 16 April 2025 Announcement



The Nardoo East target is the eastern most discrete bullseye magnetic and gravity target located approximately 3.75km east of the main NE trend. The magnetic body (1380nT) models to within 475m from surface while the gravity shell models to a shallower 325m depth (0.6mGal). The Machine Learning modelling ranked the Nardoo East target as the highest probability of hydrothermal magnetite in the Isa North tenure. An initial 750m vertical diamond hole is planned to test the target to resolve the source of the geophysical anomaly.

The Nardoo West target is located approximately 1km NW of Nardoo East and is a combined gravity and magnetic target modelled with the depth to the gravity shell of 375m (0.7mGal) and the magnetic body at 475m depth (1715nT).

The Nardoo West target is a larger modelled gravity and magnetic response than Nardoo East with a slightly lower Machine Learning predictive score for hydrothermal magnetite. A 750m vertical diamond hole is planned to test the target to resolve the source of the geophysical anomaly.

Table 1: The Nardoo drill targets at the Nardoo Prospect

Target	Gravity (mGal)	Gravity size (m)	Gravity Depth (m)	Gravity Comment	Magnetics (nT)	Magnetic size (m)	Magnetic Depth (m)	Magnetics Comment	ML Ranking Hydrothermal Magnetite (>40)
Nardoo East (N8)	0.6	1000 x 400	325	Bullseye 3.5km east of NE trend	1380	450 x 350m	475	Bullseye 3.5km east of NE trend	61
Nardoo West (N7)	0.7	1300 x 700	375	Bullseye adjacent to NE trend	1715	800 x 350	475	Bullseye adjacent to NE trend	41

DIAMOND DRILL PROGRAM NOW UNDERWAY

The diamond drill program has now commenced and is anticipated to take 4 weeks to complete. The core will be logged, cut and sent to the laboratory for geochemical analysis with the first assays expected in mid-November.

This announcement is authorised by the Strategic Energy Resources Limited Board.

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About Strategic Energy Resources

Strategic Energy Resources is a specialised under-cover explorer focused on the discovery of world-class Copper deposits in Queensland. SER is actively exploring the undercover extensions of the world-class Mt Isa Inlier at Isa North, Canobie as part of a Joint Venture with Fortescue at Canobie, and the recently acquired Diamantina Project.



Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Neil Chalmers BSc MSc (Geology) MAIG, a Member of the Australian Institute of Geoscientists. Mr Chalmers is a fulltime employee and shareholder of Strategic Energy Resources Ltd. Mr Chalmers has sufficient experience which is relevant to the styles of mineralisation and types of deposits 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'. Mr Chalmers consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

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