

ISA NORTH UNLOCKED

HIGHLIGHTS

- Isa North Land Access Agreement signed
- Geophysical modelling and drill core review complete, priority drill targets generated
- Nearby drilling confirms project potential

Strategic Energy Resources Limited (“**SER**” or “**the Company**”) is pleased to update the market on the Isa North project in Northwest Queensland. Isa North comprises three exploration licences covering over 900km² along the projected northern extension of the mineralised Mt Gordon fault. Several large deposits lie on or adjacent to this fault system to the south, including the Mt Isa, Mt Oxide and Gunpowder copper deposits and the Mt Isa, Hilton and George Fisher lead-zinc-silver deposits (Figure 1).

The Isa North project was acquired from Newcrest Mining Ltd (ASX:NCM)¹ in May 2021 and hosts multiple favourable geological characteristics considered prospective for Iron Oxide Copper-Gold (IOCG) mineralisation including: a major mineralised fault zone, evidence of extensive hydrothermal alteration undercover, and numerous significant untested magnetic and gravity anomalies.

LAND ACCESS AGREEMENT NOW SIGNED

This month SER successfully negotiated a landholder access agreement with Nardoo Station, removing an obstacle that previously prevented exploration activities on this station. This is a significant achievement given Newcrest identified drillhole INMD001, drilled on the boundary of Nardoo and Lorraine stations, as a ‘near-miss’ based on the intersection of IOCG alteration and pathfinder elements indicating the outer halo of a potential IOCG system (Figure 2).

Newcrest were convinced of the prospectivity of the magnetic trend identified within Nardoo station and had planned to conduct a six hole, 3600m drill program to test several targets but were unable due to land access issues. The drilling aimed to intersect the Proterozoic basement rocks at equidistant locations within the magnetic anomaly to enable vectoring within the system directed by an understanding of geochemical and geological characteristics vectors at other Cu-(Au) deposits within the Mt Isa Inlier.

Commenting on signing of the agreement, SER Managing Director, Dr David DeTata said:

“The negotiation of landholder access at Nardoo Station is a significant milestone and is testament to the relationships that our team continue to foster with both landholders and traditional owners. With this agreement in place, we are now able to follow-up on the exploration leads that Newcrest has provided in our upcoming drilling program set to commence mid-year”

¹ [See SER 4 May 2021 Announcement](#)

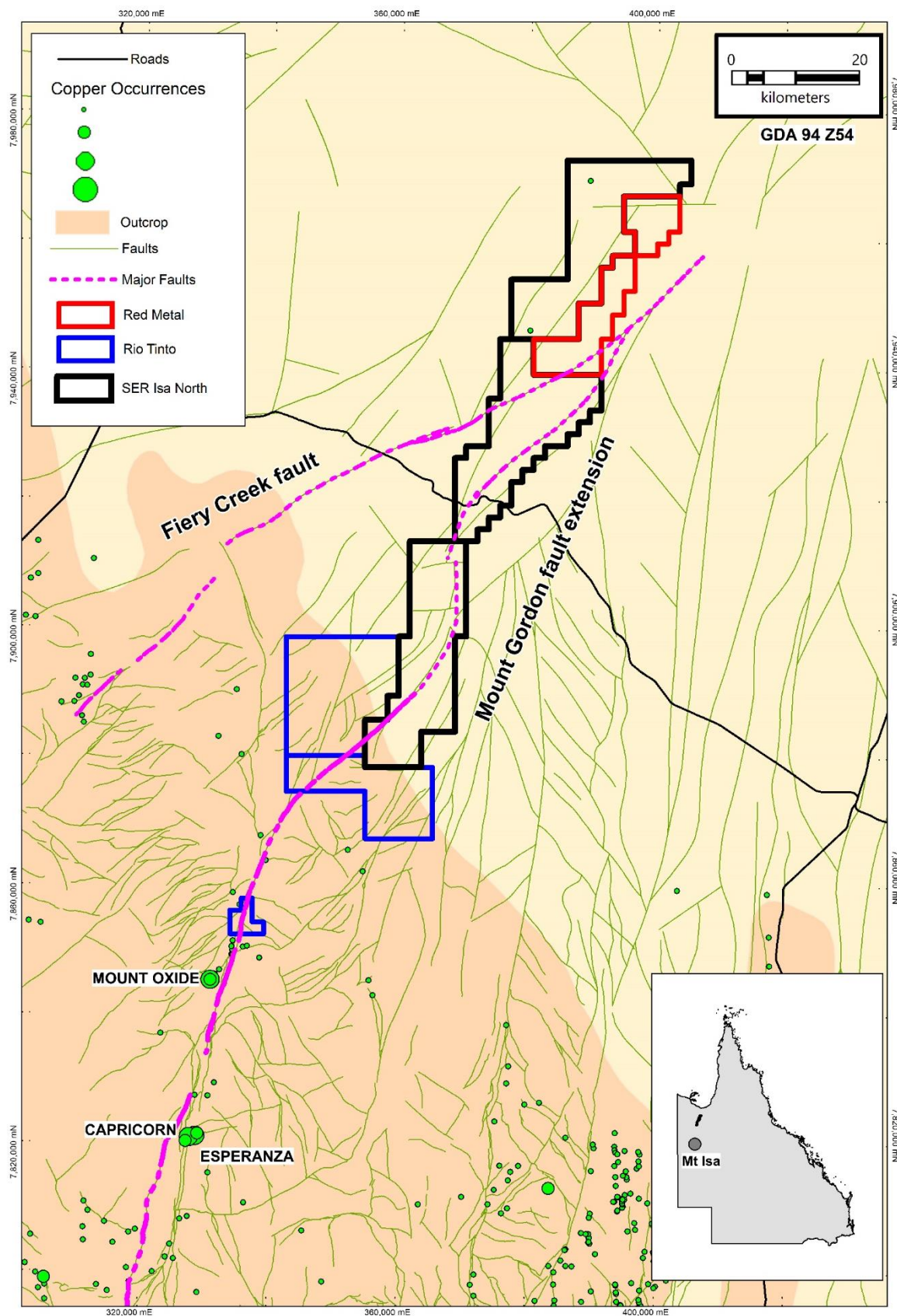


Figure 1: Location of the Isa North project area along the Mt Gordon fault extension.

GEOPHYSICAL MODELLING AND HISTORIC CORE REVIEW NOW COMPLETE

Since acquiring the project SER has completed a detailed geophysical review of the project area and a review of historical core from drilling undertaken by Newcrest in 2018 at Lorraine North & South, Augustus and Neumayer target areas (Table 1). SER has produced unconstrained geophysical inversions of magnetic and gravity datasets to model at depth the geometry of the responses across the Isa North Project. The relationship between the magnetic and gravity response were examined in the context of the known geological setting. SER is targeting magnetic and gravity responses potentially sourced from the introduction of IOCG hydrothermal fluids. Key targets have been ranked based on the results of the modelling, structural setting and key rock relationships identified in examination of the existing drill core.

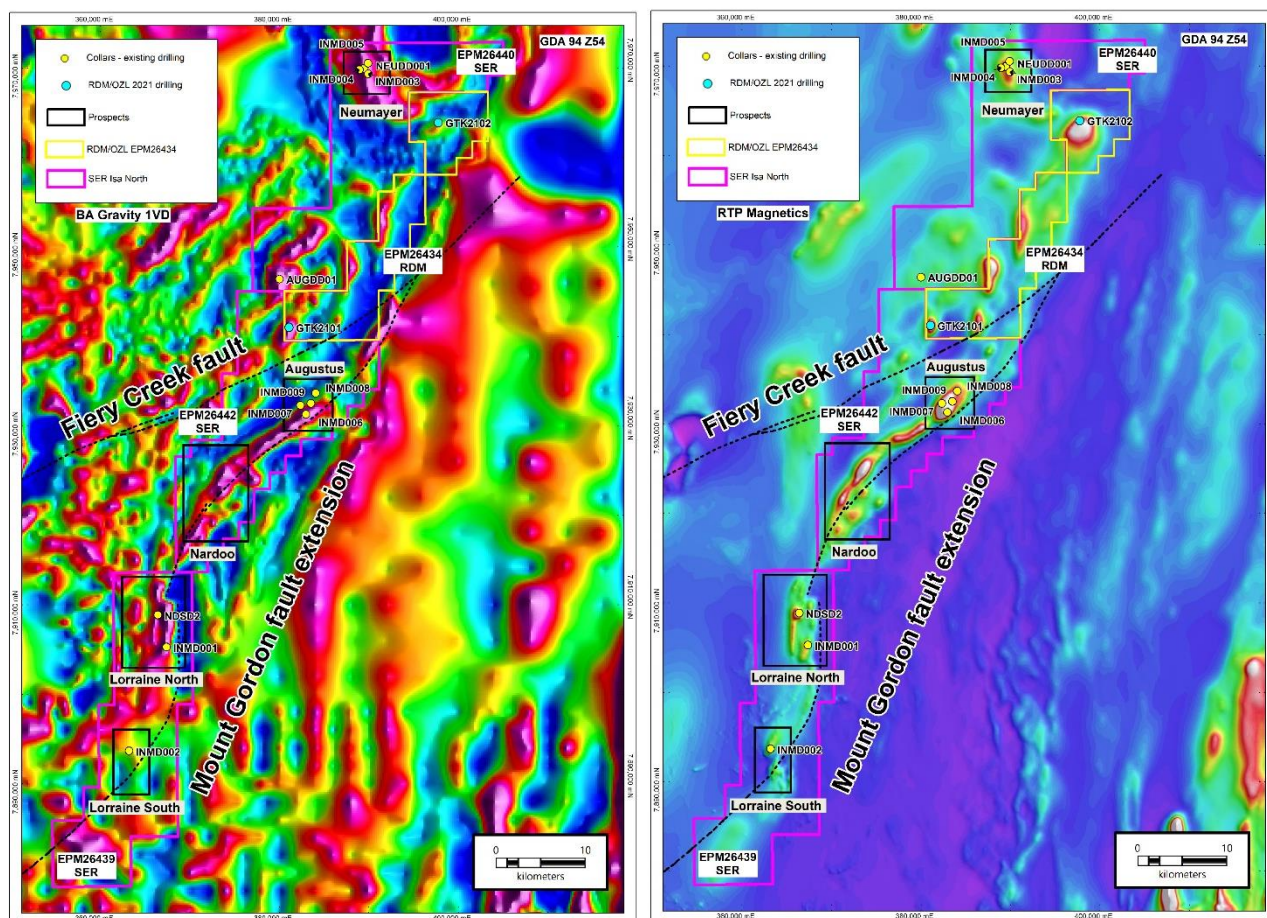


Figure 2: SER's Isa North Project over BA Gravity and RTP magnetics indicating the location of target areas and previous drill holes alongside the Red Metal-Oz Minerals Gibson's Tank Project.

SER has now designed a diamond drill program on Nardoo station focusing on further testing of the Lorraine North Prospect and initial testing of the Nardoo Prospect. At Lorraine North targets have been identified surrounding the 'near miss' drillhole which contained elevated IOCG style geochemistry, whilst key magnetic features have been identified for initial testing at the Nardoo Prospect including targets proposed by Newcrest who were unable to secure land access. Native Title clearances have been initiated with plans for drilling mid-year.

Table 1: Historical drill data covering the Isa North project area

Year	Company	Hole ID	Easting	Northing	RL	Azimuth	Dip	Total depth	Target Location
1994	WMC	NDSD2	366404	7908875	50	265	-60	426m	Lorraine North
2009	MIM	AUGDD01	379386	7947124	50	0	-90	812m	Augustus
2009	MIM	NEUDD01	390786	7968994	50	0	-90	947m	Neumayer
2018	Newcrest	INMD001	367366	7905283	50	0	-90	381.4m	Lorraine North
2018	Newcrest	INMD002	363191	7893690	50	0	-90	452.1m	Lorraine South
2018	Newcrest	INMD003	389928	7969338	50	0	-90	720.2m	Neumayer
2018	Newcrest	INMD004	388951	7969801	50	0	-90	735.2m	Neumayer
2018	Newcrest	INMD005	389900	7970535	50	0	-90	694.3m	Neumayer
2018	Newcrest	INMD006	382944	7931293	50	0	-90	654.2m	Augustus
2018	Newcrest	INMD007	382334	7932301	50	0	-90	555.4m	Augustus
2018	Newcrest	INMD008	384052	7933668	50	0	-90	499.6m	Augustus
2018	Newcrest	INMD009	383505	7932514	50	0	-90	539m	Augustus

NEARBY DRILLING CONFIRMS PROJECT PROSPECTIVITY

In January this year drill results were reported from the nearby “Gibson’s Tank project²” which forms part of the Red Metal (ASX:RDM) – Oz Minerals (ASX:OZL) Alliance and adjoins the northern end of the Isa North project. Drill hole GTK2101, which was drilled on a combined high magnetic and high gravity target, intersected 44.4m of hydrothermal ironstone and breccia within a deformed felsic volcanic sequence. The ironstone was shown to contain disseminated copper sulphides that returned copper assay values ranging from 0.008% to 0.34%.

SUMMARY

SER is excited to have secured the required agreements to access key areas of the Isa North Project and is making preparations to allow for the company’s first drilling program at the project to be undertaken mid 2022. Discussions have been initiated to reach land access agreements on additional stations which would open up further target areas identified as worthy of drill testing.

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

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² See RDM January 2022 Announcement

About Strategic Energy Resources

Strategic Energy Resources (ASX: SER) is a specialised undercover mineral explorer and project generator focused on discovery in the greenfield frontiers of Australia. Our expert technical team is driven by science and leverages collaborations with government and private partners to assist in our search for the next mineral deposit.

SER is actively exploring our large tenement package in the undercover extensions of the world-class Mt Isa Province in northwest Queensland, the Cobar Basin and Lachlan Fold belt of New South Wales and the emerging East Tennant region in the Northern Territory.

The information in this report that relates to Exploration Results is based on information compiled by Mr Stuart Rechner BSc (Geology) MAIG MAusIMM, a Member of the Australian Institute of Geoscientists and the Australasian Institute of Mining and Metallurgy. Mr Rechner is a Director and shareholder of Strategic Energy Resources Ltd. Mr Rechner 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 Rechner consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.