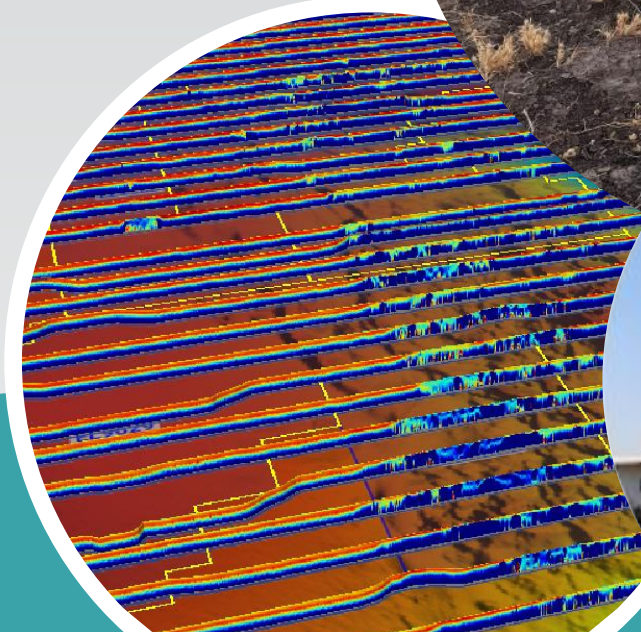


Investor Presentation

AMEC Investor Briefing

9th April 2024



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Competent Persons Statement: 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.

This announcement has been approved for release by the Board of Strategic Energy Resources.

Corporate Overview

Tight capital structure with an invested team

Capital Structure

Share Price (4/4/24)	1.0c
Shares on issue	486M
Market cap.	\$4.8M
Cash (31/12/23)	\$1.3M

Major Shareholders

Graeme Kirke	13%
Datt Capital	11%
Board & Management	9%
Top 20	53%

Executive Team

Stuart Rechner

Executive Chairman

BSc (Geology) LLB MAIG
MAusIMM MSEG GAICD

David DeTata

Managing Director

PhD (Chem.) MBA
AAusIMM GAICD

Anthony McIntosh

Non-Executive Director

BCom GAICD

Technical Team

Neil Chalmers

Exploration Manager

BSc MSc (Geology) MAIG

Chris Yeats

Manager, NSW

BSc PhD (Geology) DFGSAust

Steve Beresford

Consultant

Lapis Consulting
BSc PhD (Geology)

Theo Aravanis

Consultant

Arrow Geosciences
BSc Hons.



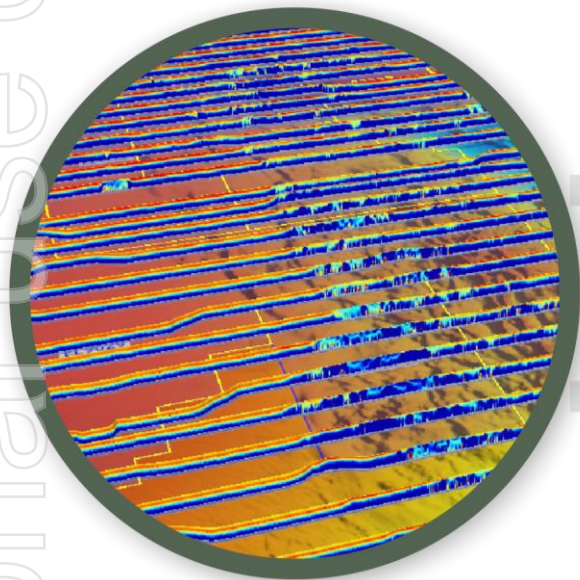
Science Driven Exploration

A Novel Approach to Greenfield Exploration

Search

Explore

Resolve

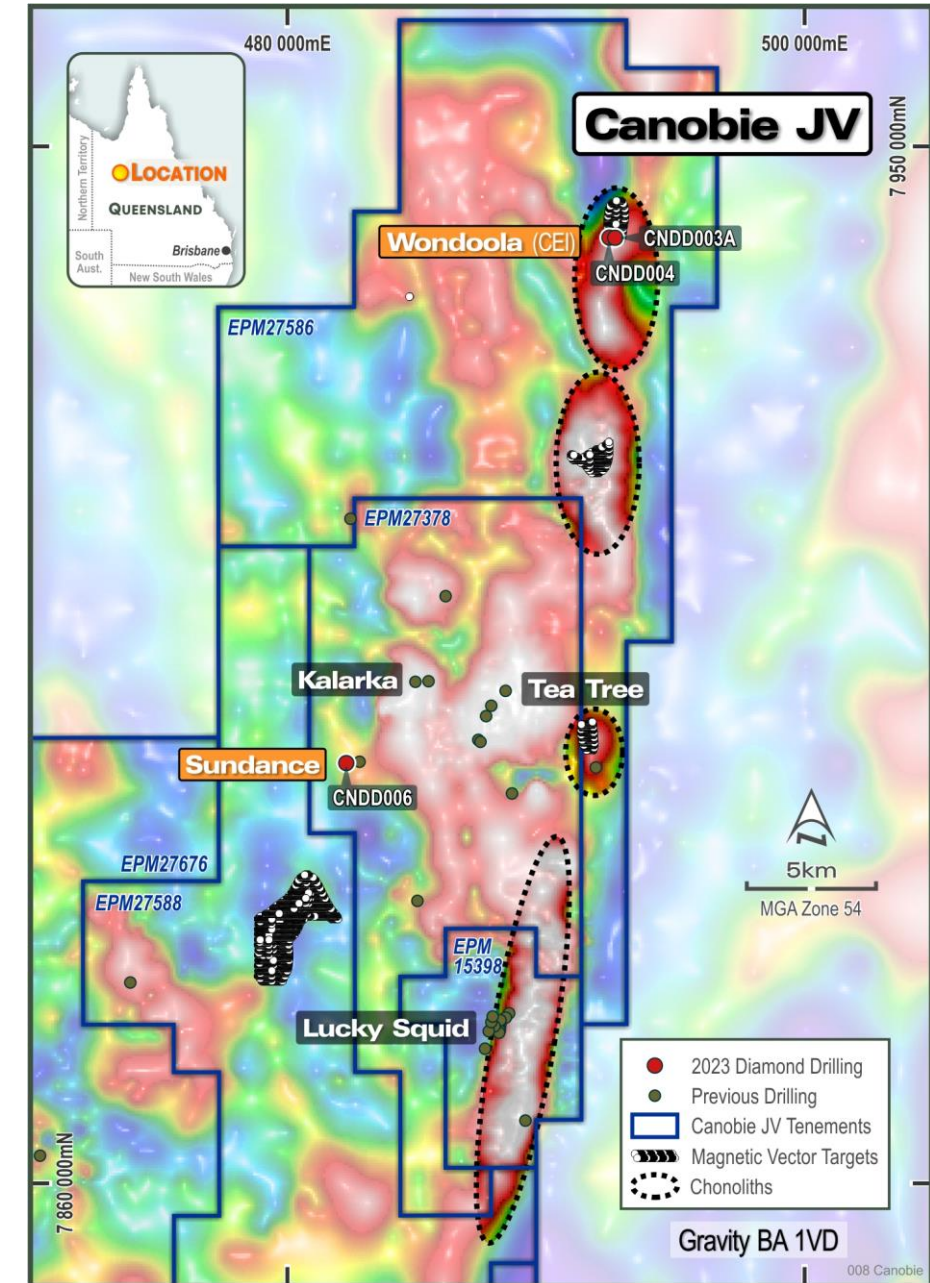


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Canobie Ni-Cu + Cu-Au Project

Exploration Analogue: Ernest Henry (ASX:EVN)

- >2,000km² within the Mt Isa Eastern Succession; includes 100km extension of the N/S Quamby fault; host to Ernest Henry Cu-Au Gold mine (140km south)
- High-grade Gold intercepts drilled at the Lucky Squid Prospect including;
 - 2008 Anglo American: SXDD005 - **17m @ 6.75g/t Au** from 631m
 - 2010 AngloGold Ashanti: SXDD014 - **15m @ 9.09g/t Au** from 699m
 - 2019 SER: SXDD020 - **6m @ 12.08 g/t Au** from 519m **incl. 2m @ 32g/t Au**
- Significant Nickel intercepts at the Tea Tree and Kalarka Prospects including;
 - 1994 MIM Exploration: TT001D - **10.4m @ 0.25% Ni, 0.28% Cu** from 508.2m
 - 2021 SER: CNDD001A - 132m @ 0.1% Ni from 507m incl. **2m @ 0.68% Ni, 0.17% Cu** from 635m
 - 2021 SER: CNDD002 - 43m @ 0.1% Ni from 615m and **0.6m @ 0.96% Ni, 0.11% Cu** from 661.6m¹
- Gravity survey & Magnetic Remanence study identified numerous clusters of vector magnetic anomalies coincident with **interpreted chonoliths**²
- Chonolith style intrusions are analogous to those seen in globally significant Nickel deposits including Noril'sk – Talnakh (Russia), and Nova-Bollinger (W.A.)



¹ ASX SER Announcement December 2021; ² ASX SER Announcement November 2022

Fortescue Farm-in Joint Venture

Exploration Analogue: Ernest Henry (ASX:EVN)

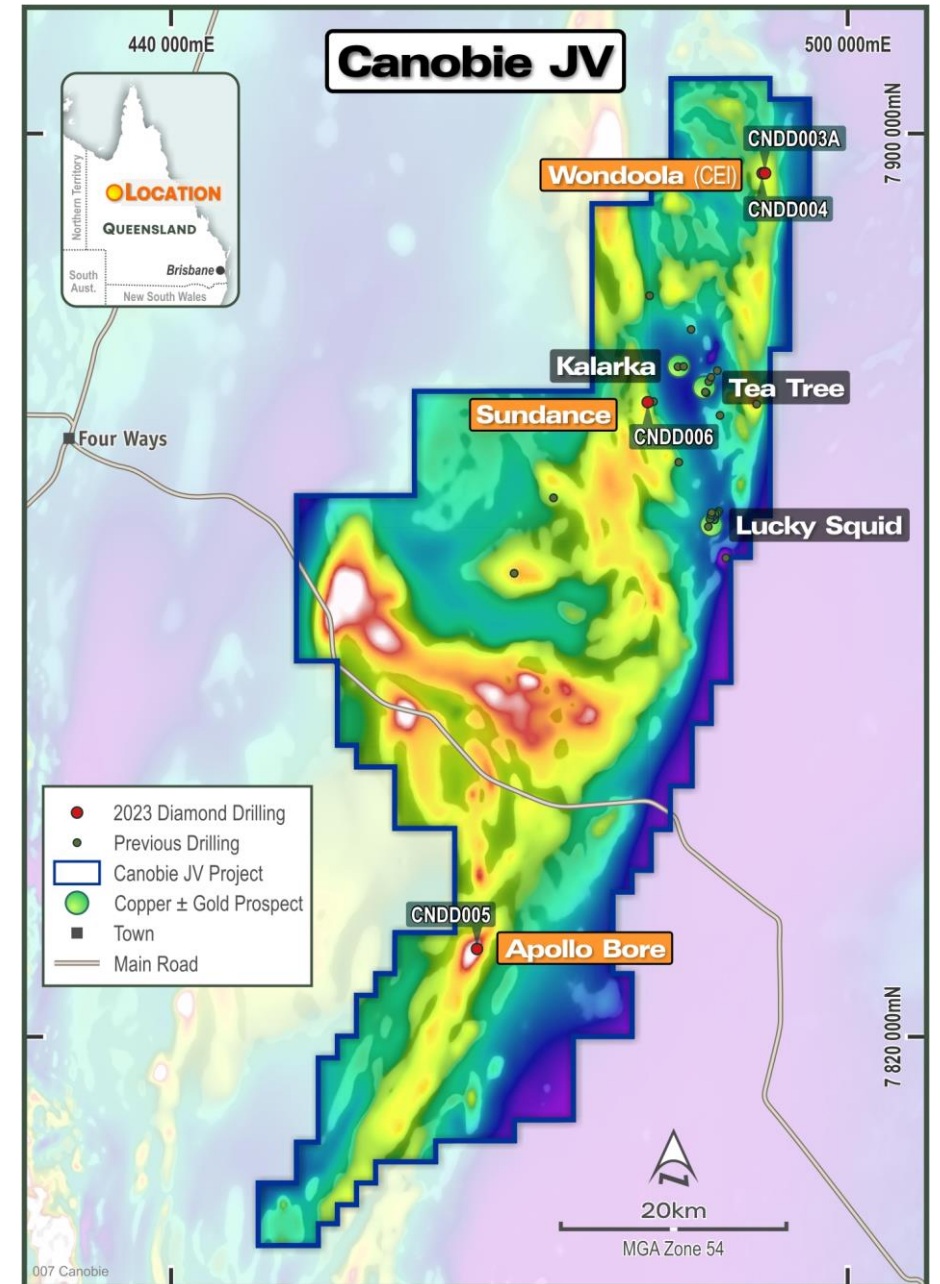
2023 Exploration Program - Completed

- Three new IOCG targets tested (3,300m) within the first 6 months of JV
- Assays confirmed IOCG alteration and pathfinder elements; trace level Copper¹
- Core relogging completed with additional petrophysical measurements taken
- **Only basement metres count towards drilling requirement (1,467m to date)**

2024 Exploration Program

- 2,500+ ground gravity survey budgeted across central tenement region
- Advanced geophysical modelling underway along with additional petrophysical studies to assist in prospect generation for year 2 fieldwork
- Diamond drill program over multiple new targets this year (June-November)
- *If economic deposit discovered and decision to mine made, Mining Lease (ML) area excised from JV and SER may join development or sell interest in ML area*

Stage 1: Fortescue to earn 51% by spending \$4M on exploration which must include drilling a **minimum of 3,000m of basement** within the first three years¹



¹ ASX SER Announcement August 2023

Isa North Cu-Au Project

Exploration Analogue: Capricorn Copper Mine (ASX:29M)

- >900km² along the projected northern extension of the mineralised Mt Gordon fault, host to several larger deposits to the south including the Capricorn copper deposits held by 29Metals (ASX: 29M)
- Acquired from Newcrest in 2021; Newcrest retain a FROR and 1% NSR (10yrs)¹
- Newcrest drilled (5,190m) across 4 targets; Lorraine North (INMD001) identified as a near-miss with Chalcopyrite in hydrothermal breccia and carbonate veins²
 - **Interpreted Tier-1 halo intercept** within a >5km hydrothermal system –
 - High Priority Target: Follow-up drilling hindered due to landholder access – SER has secured
- Red Metal Limited (ASX:RDM) intersected 44.4m of hydrothermal ironstone and breccia (GTK2101), Cu assay numbers up to 0.34% provided proof of concept³; subsequent interpretation being typical of proximal to an IOCG setting⁴

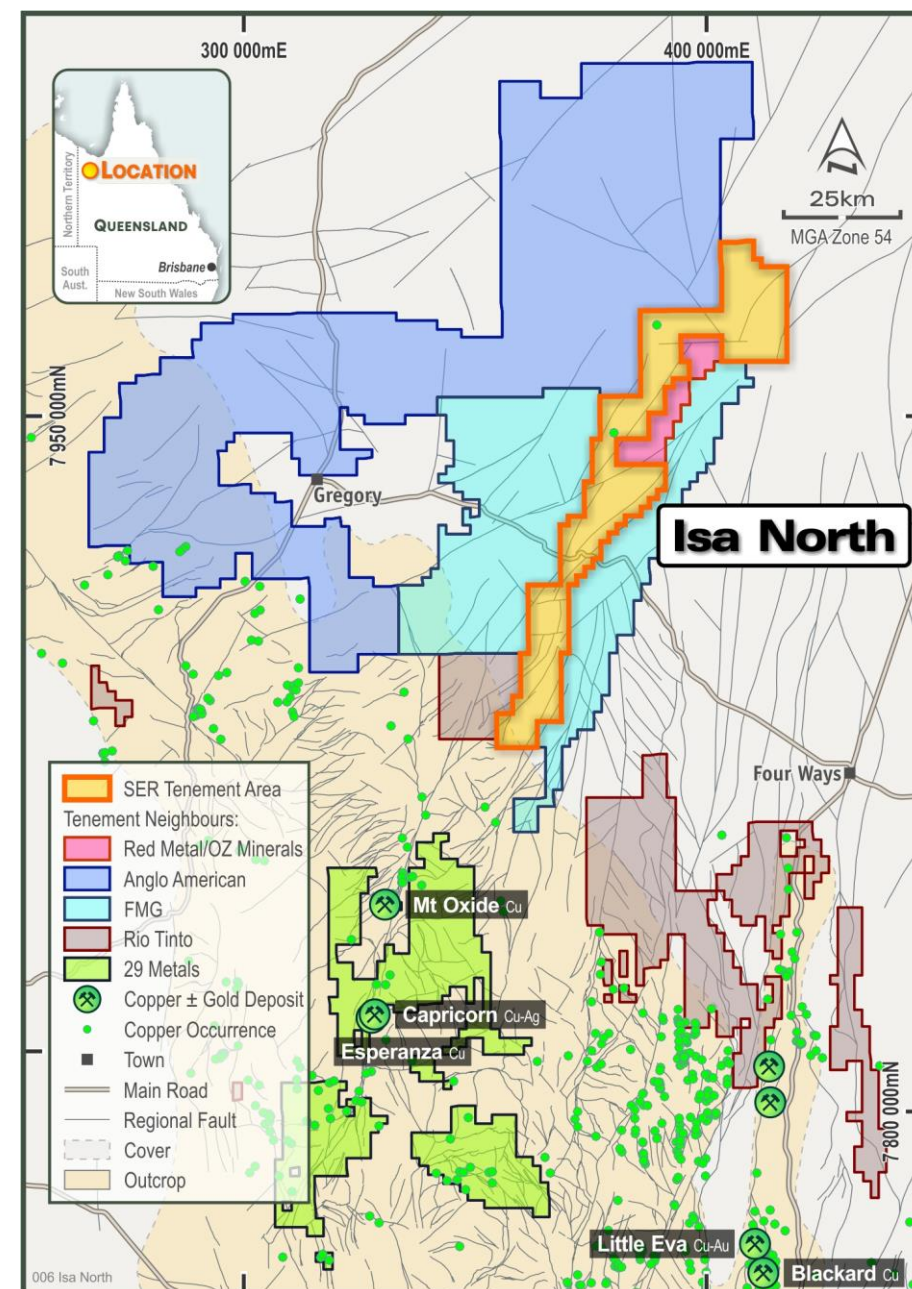
2024 Exploration Program

- Diamond drill 2 new IOCG targets; following up Newcrest near miss
- Entire region is now secured by Fortescue, Rio Tinto and Anglo American

¹ASX: SER Announcement: May 2021

²ASX: SER Announcement April 2022; ³ASX: RDM Announcement January 2022

⁴ASX: RDM Announcement January 2023



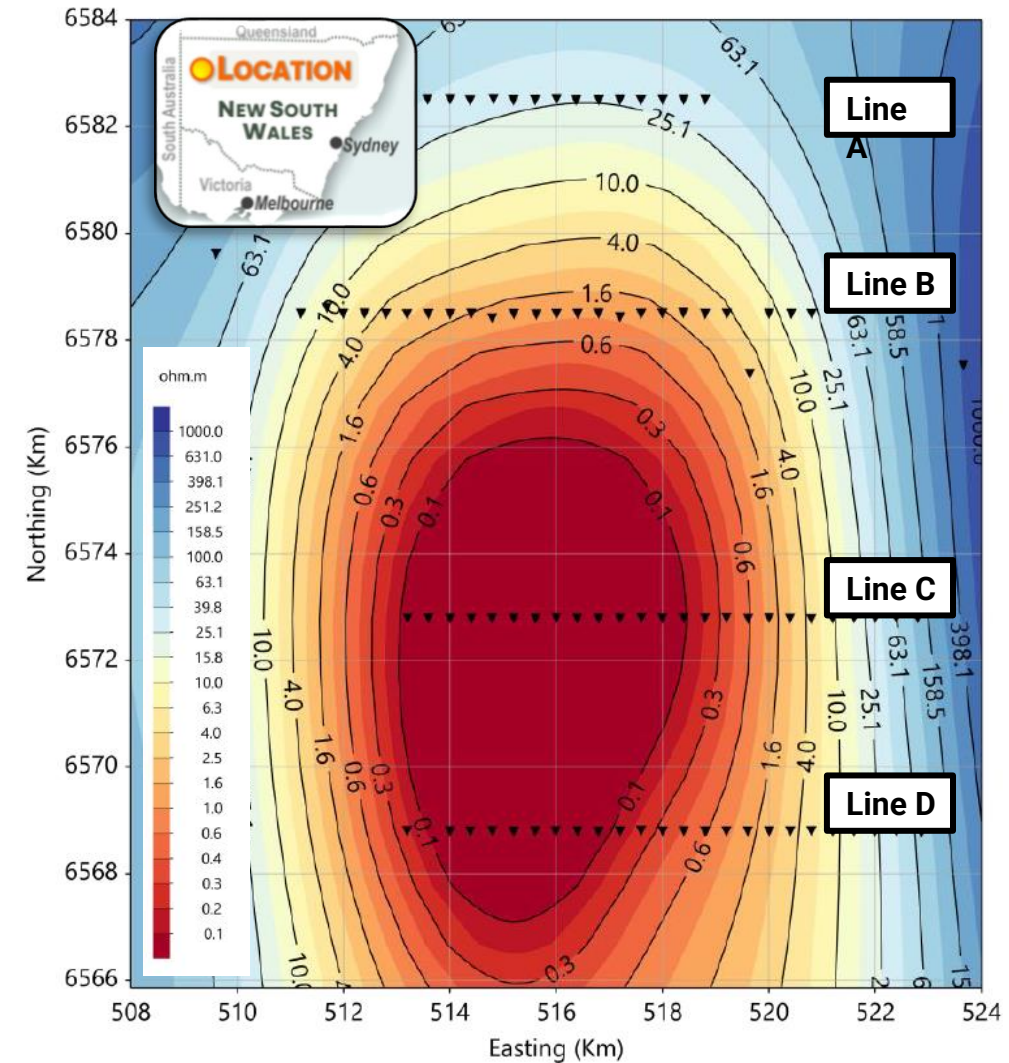
Mundi Cu-Au Project

Exploration Analogue: Kalkaroo Copper-Gold Project (ASX:HAV)

- Located 150km NNW of Broken Hill within a known IOCG mineral province; covering over 1,300km² of the Curnamona Province
- Greenfields project with sparse exploration and a single drillhole
- Large crustal Conductivity Anomaly identified in the lower- to middle- crust by the 55km-spaced AusLAMP MT survey in 2016
- Resolved in the upper crust by the 2km- to 4km- spaced Curnamona Crustal Magnetotelluric Transect (CCMT) survey in 2017¹
- 2023 in-fill MT survey to improve resolution of large, high intensity conductive anomaly² with modelled resistivities in the core reaching <0.1ohm.m; current line spacing of 5.7km between Line B & C
- MT modelling by University of South Australia shows shallow conductive features are linked to the Curnamona Conductor and resemble conductivity signatures of IOCG's including Olympic Dam

2024 Exploration Program

- MT modelling underway; passive seismic and electromagnetic survey to follow with drill target(s) to be defined mid-year



¹ ASX: SER Announcement September 2023

² ASX: SER Announcement November 2023

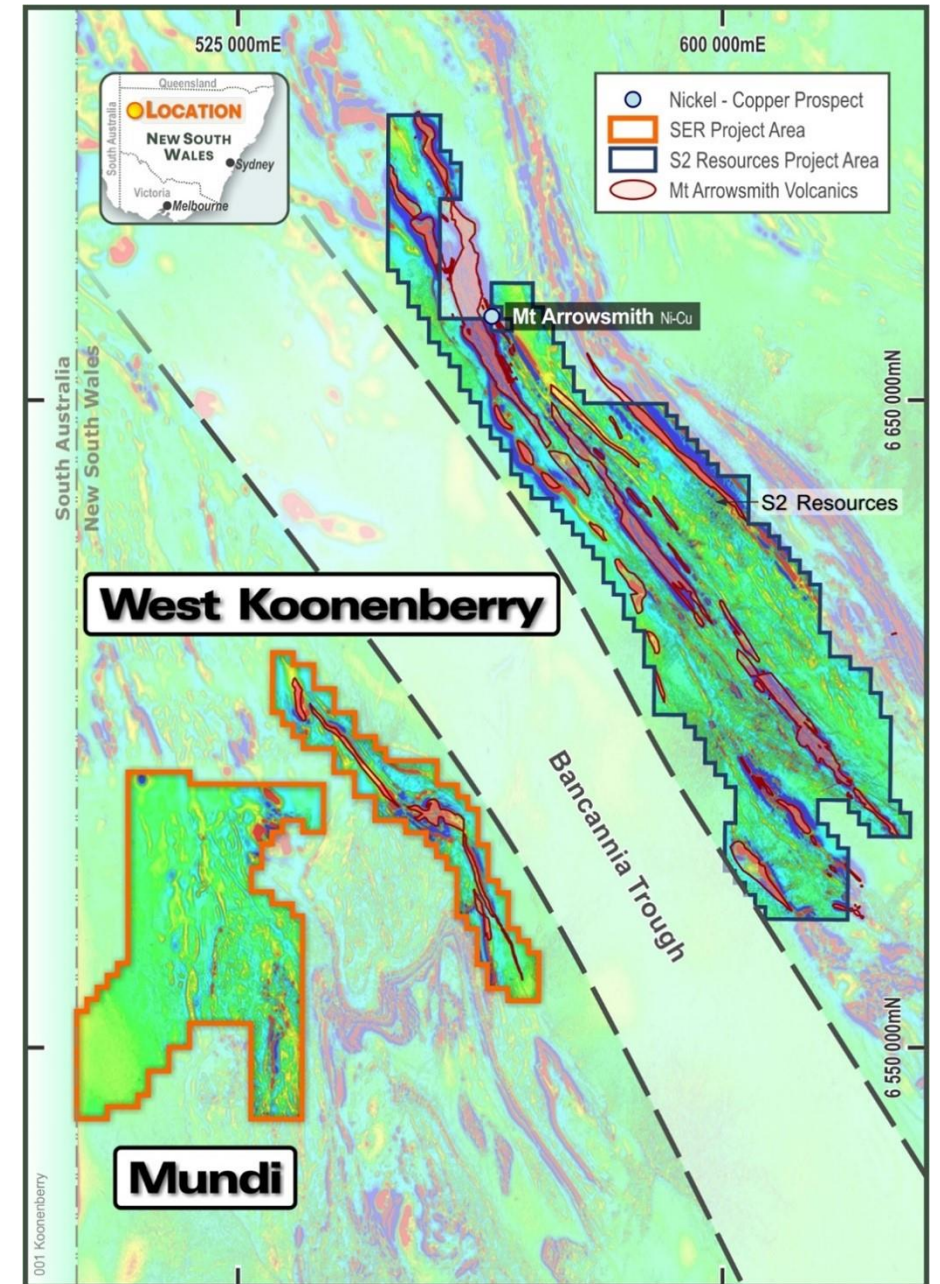
West Koonenberry Cu-Ni Project

Exploration Analogue: Nova-Bollinger (ASX:IGO)

- Located 100km NE of Broken Hill; covers 483km² of underexplored ground interpreted as the western extension of the Koonenberry Cu-Ni belt¹
- Captures 60km of prospective stratigraphy which includes outcropping basalts at the southern end and numerous old mine shafts
- Linear magnetic rocks analogous to Mt Arrowsmith mafic sills to the east; highly prospective belt for Cu-Ni rich massive sulphides
- Eastern side previously explored by INCO/Vale and IGO and currently being explored by S2 Resources²
- Targeting equivalent mafic host rocks on the eastern edge of the Curnamona block, rifted from the Koonenberry belt during the formation of the Bancannia Trough

2024 Exploration Plan

- Secure land access followed by reconnaissance mapping and sampling of exposed geology at the southern end of the project
- Airborne magnetic survey scheduled for June 2024







¹ASX: SER Announcement: March 2024

²ASX: S2R Announcement October 2023

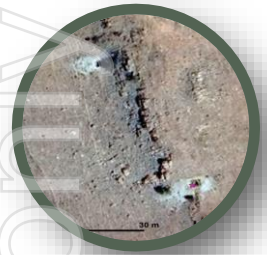
Multiple Price Catalysts

High impact exploration through 2024 ...

	Q2 2024	Q3 2024	Q4 2024
	CANOBIE Cu-Au FJV Geophysics (Gravity/MT)	Diamond Drill Program	Assay Results
	ISA NORTH Cu-Au Diamond Drill Program	Assay Results	Project Review
	MUNDI Cu-Au Geophysics (Seismic)	Interpretation/Modeling	Project Review
	WEST KOONENBERRY Cu-Au PROJECT Field Recon./Mapping	Geophysics (Magnetics)	Project Review

Redefining Exploration

Discovery through Drilling



Science Driven Approach to project generation



Rapid exploration with no fear of failure – low risk



Defined exit points for every project at every stage

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Strategic Energy Resources

For further information

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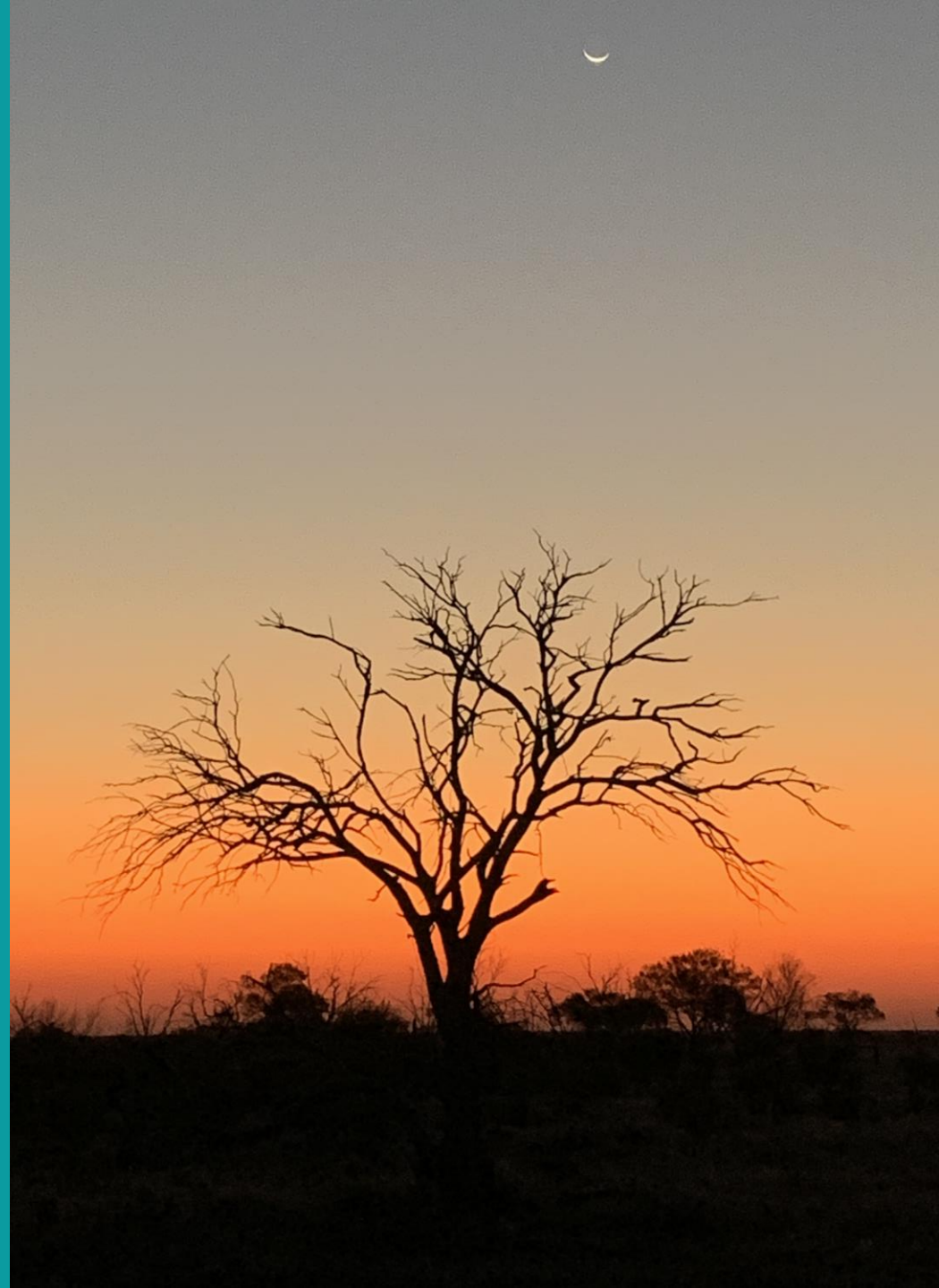
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