

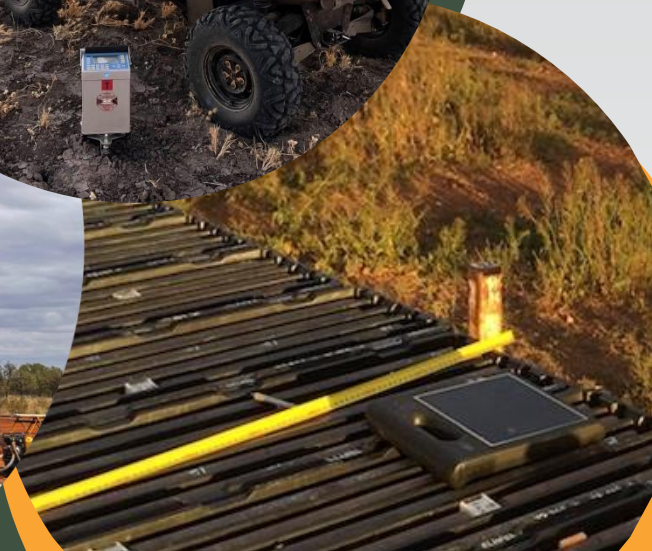
Investor Presentation

March 2023

*Specialised Undercover
Explorers and Project
Generators*

www.strategicenergy.com.au

ASX: SER



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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 (20/3/23) | 1.6c |
| Shares on issue | 296M |
| Market cap. | \$4.7M |
| Cash (31/12/22) | \$0.8M |

Major Shareholders

| | |
|--------------------|-----|
| Graeme Kirke | 15% |
| Datt Capital | 13% |
| Board & Management | 11% |
| Top 20 | 57% |

Board & Management



Stuart Rechner
Executive Chairman
BSc (Geology) LLB
MAIG MAusIMM
MSEG GAICD



David DeTata
Managing Director
BSc MSc PhD
(Chemistry) MBA
GAICD AAusIMM



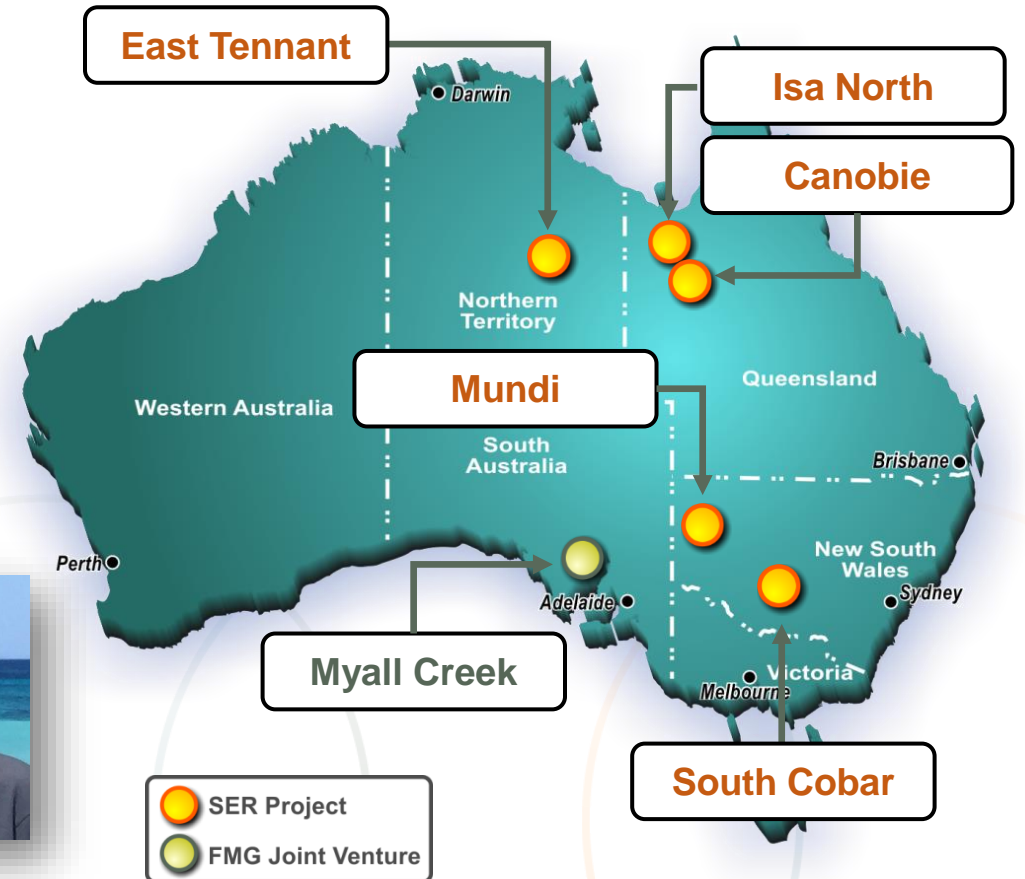
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Non-Executive Director
BCom GAICD



Neil Chalmers
Exploration Manager
BSc MSc (Geology)
MAIG



Chris Yeats
Manager, NSW
BSc MSc PhD
(Geology) MAIG



Our Strategy

Specialised Undercover Explorers and Project Generators



SCIENCE DRIVEN

Targeting Tier-1 Ni-Cu-Au discoveries undercover along known mineralized terrain; Internal project generation



TECHNICAL EXCELLENCE

Collaborate with industry; Leverage research funding and opportunities; Proven exploration success at depth



SHARE RISK & REWARD

Pursue co-funding grants; Maintain exposure to exploration upside; Return cash for ongoing project generation

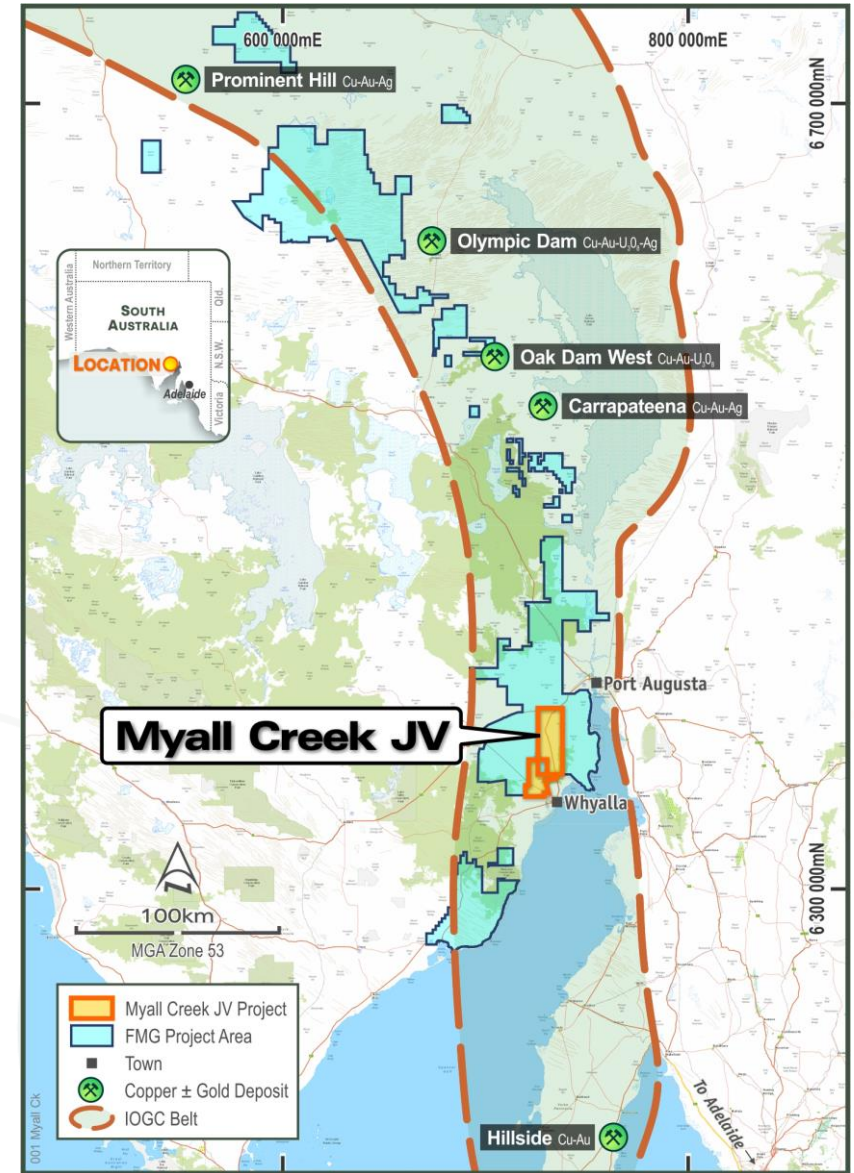
Myall Creek Copper Project

Fortescue Earning-in

- Compelling exploration project in the Olympic Copper-Gold Province, home to giants including Olympic Dam, Prominent Hill and Carrapateena
- Targeting IOCG mineralisation in the Proterozoic basement and sediment hosted copper mineralisation in overlying sediments
- Over 15km strike length sediment-hosted copper sulphide hosted in the basal units of the Tapley Hill Formation – surrounded by Fortescue

Fortescue Farm-in Joint Venture

- \$1.5M spend over 5 years, with a minimum of 1,500m of drilling for 80%; standard industry dilution post Earn-in¹
- Detailed magnetic / radiometric survey (2019), Native Title Agreement signed (2022), ground gravity survey completed this year
- **Prospect ranking underway with Earn-in requiring multiple drill holes**

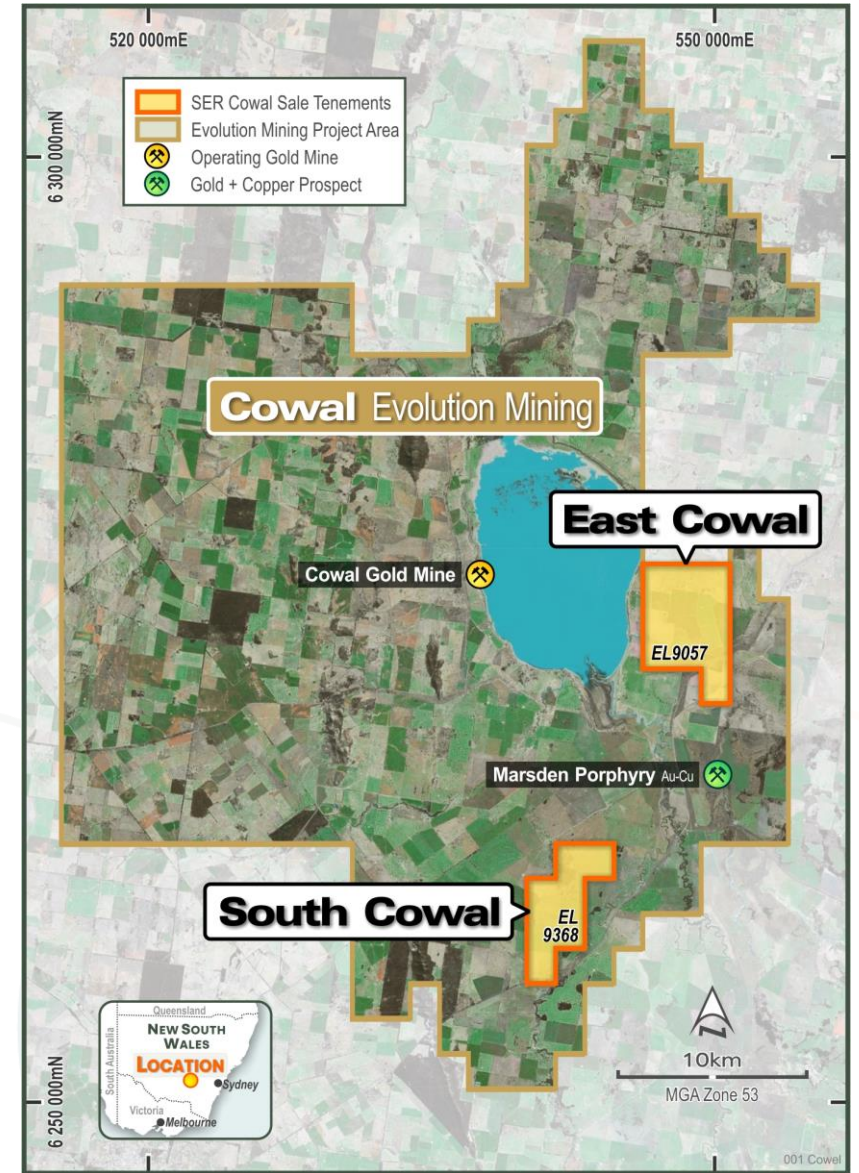


¹ASX SER Announcement March 2020

Cowal Gold Projects

Evolution Option Agreement

- Located within the Cowal Igneous Complex, nearby Evolution Mining's >11Moz Cowal Gold Mine and the >1Moz Marsden Cu-Au deposit
- Projects located in open ground – secured through competitive tender
- Minimal work undertaken by SER to identify and secure these projects over the last 2 years
- 2022 Binding Option Agreement with Evolution; 2-year Option to purchase one/both tenements¹, \$300k Option fee, \$1M cash/tenement
- Evolution withdrew from Option Agreement covering East Cowal following a limited 3 month desktop review – project inaccessible
- Cash from Option Agreement used to fund ongoing exploration at East Cowal and additional NSW projects
- **Evolution forward exploration activities in 2023 may include drilling and/or additional geophysics**



¹ASX SER Announcement September 2022

Current Projects

East Tennant

- Dominant position in an emerging Copper Province

Isa North

- IOCG and Sediment-hosted Copper Greenfields project

Canobie

- Magmatic Ni-Cu sulphide and IOCG project

Mundi



- 'Finger-shaped' MT conductor similar to Olympic Dam

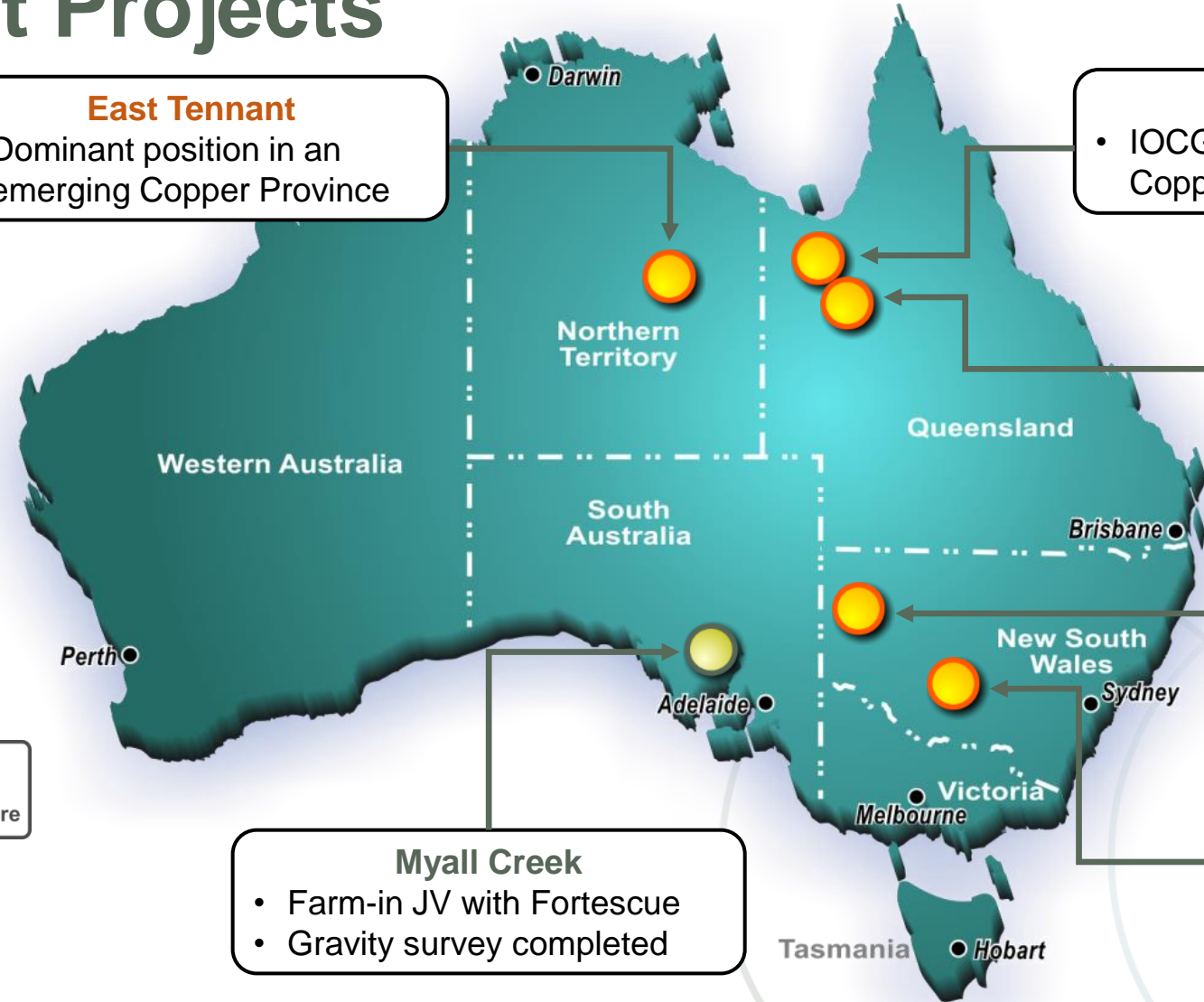
South Cobar

- Achilles Prospect set to drill
- GSNSW co-funding secured

Myall Creek

- Farm-in JV with Fortescue
- Gravity survey completed

 SER Project
 FMG Joint Venture



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Isa Undercover Initiative

Exploring the Undercover Extensions...

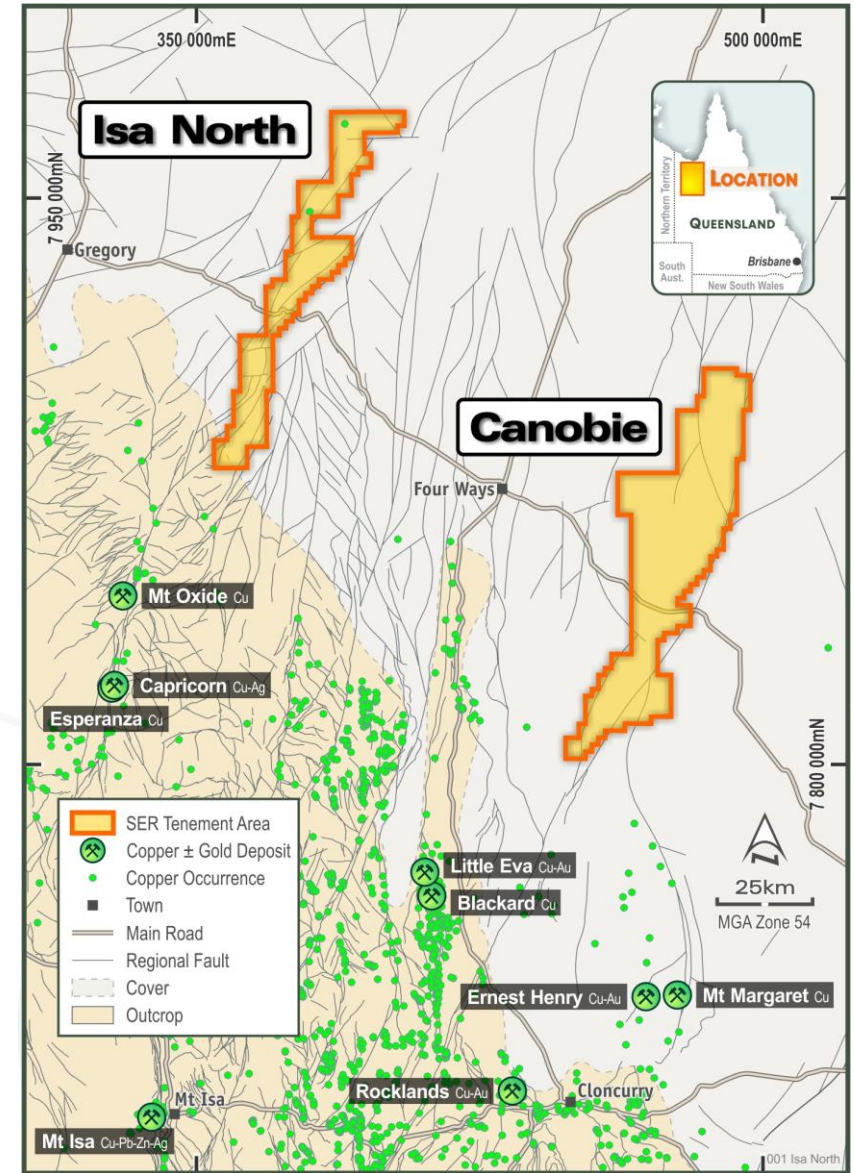
- Two regionally significant projects covering over 2,500km² of the undercover extensions of known mineralised terrains

Canobie Project

- Captures >1,800km² within the Mt Isa Eastern Succession, including a 100km N/S undercover extension of the Quamby fault host to Evolution Mining's Ernest Henry Cu-Au Gold mine (140km to the south)
- Significantly underexplored (<30 drill holes) with historical high-grade Au hits at Lucky Squid and Ni intersections at Tea Tree and Kalarka

Isa North Project

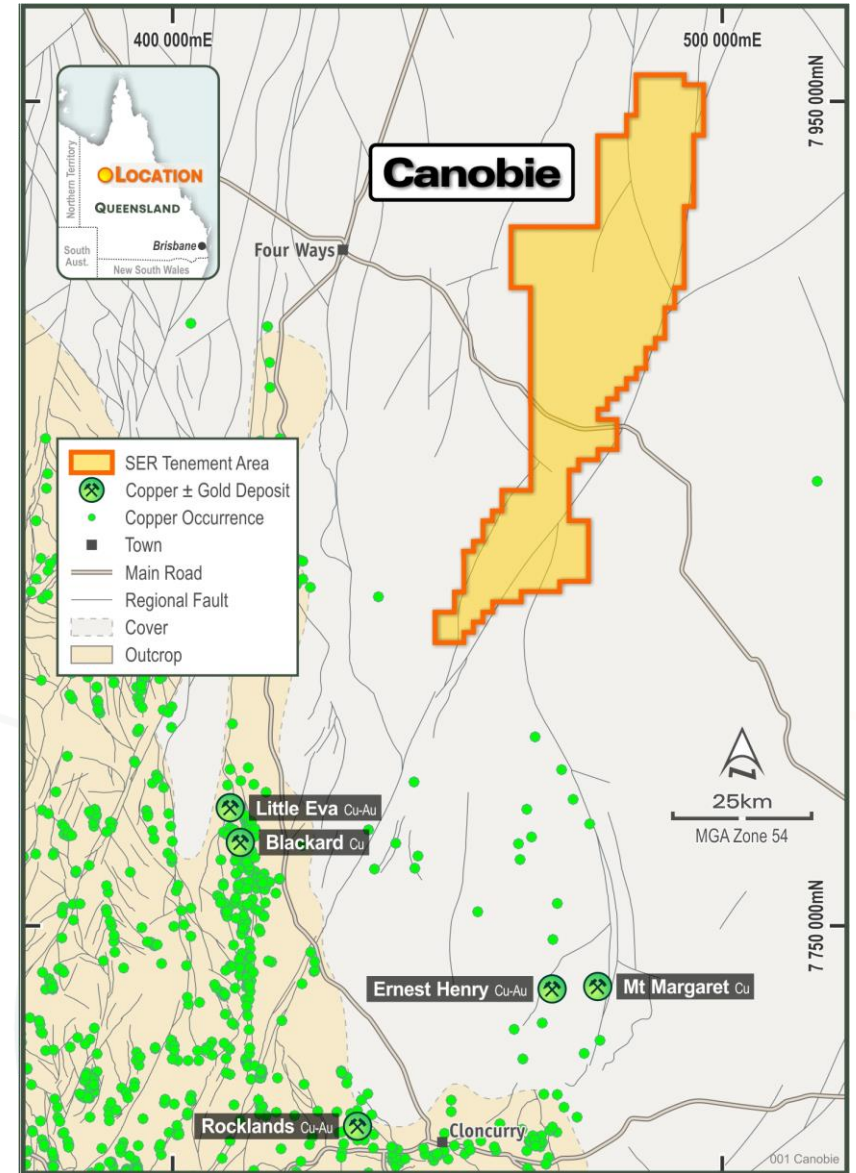
- Captures >900km² along the projected northern extension of the mineralised Mt Gordon fault, host to several large deposits to the south including the Capricorn copper deposits held by 29Metals (ASX: 29M)
- Highly prospective for IOCG and Sediment hosted Copper style mineralisation with majors now surrounding the project



Canobie Ni-Cu + Cu-Au Project

A Forgotten Polymetallic Province

- High-grade Gold intercepts drilled at the Lucky Squid Prospect include:
 - 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**¹
- 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
- 2022 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.)
- **Co-funding application submitted - diamond drill Ni-Cu Prospect this year**



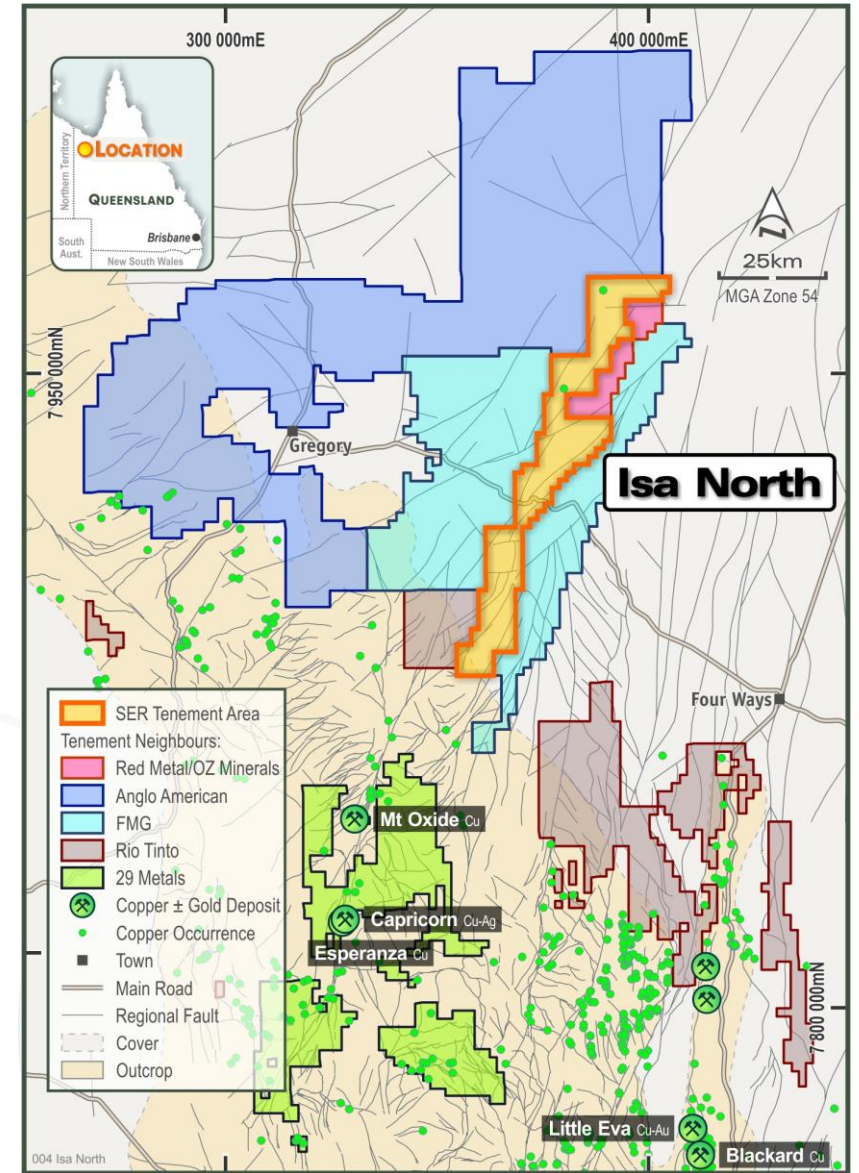
¹ ASX SER Announcement December 2021

² ASX SER Announcement November 2022

Isa North Cu-Au Project

First mover advantage

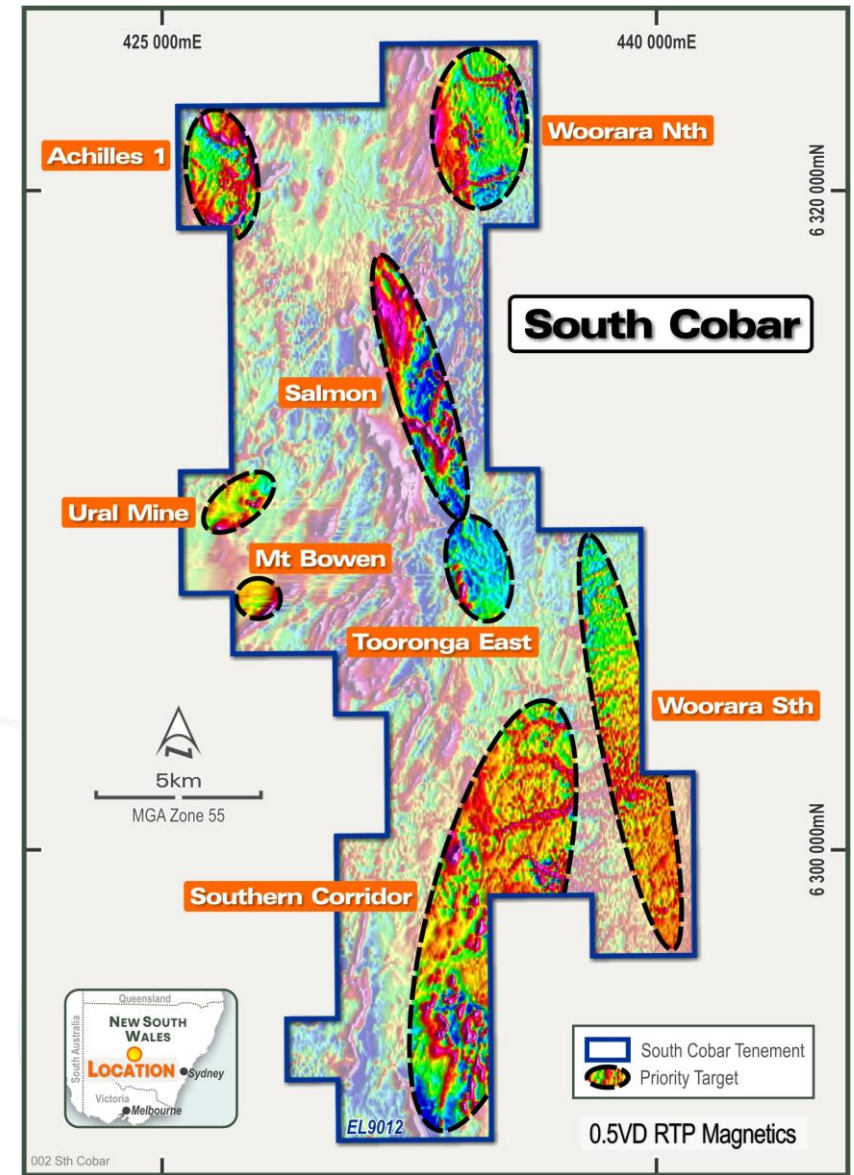
- Acquired from Newcrest in 2021 - retain a FROR and 1% NSR (10yrs)¹
- 4 targets drilled (5,190m); Lorraine North (INMD001) identified as a near-miss;
 - **Interpreted Tier-1 halo intercept** within a >5km hydrothermal system – High Priority
- Follow-up drilling limited due to landholder access – now secured
- 2021 Red Metal Limited (ASX:RDM) intersected 44.4m of hydrothermal ironstone and breccia (GTK2101), copper assay numbers up to 0.34% provided proof of concept³; subsequent interpretation being typical of proximal to an IOCG setting⁴
 - Chalcopyrite in hydrothermal breccia and carbonate veins²
- **Multiple IOCG targets – Diamond drill program scheduled for this year**
- Entire region since secured by Fortescue, Rio Tinto and Anglo American
- **Magnetotelluric (MT) survey in search of alternative mineralization styles**



South Cobar Cu-Au Project

The next exploration 'hot-spot'

- Located at the southern end of a proven mineral region hosting the Federation Deposit (ASX:AMI) and the CSA Copper Mine (Metals Acquisitions Corp)
- Eight quality targets identified from detailed magnetic survey¹, three outcropping
- **Achilles 1:** Southern end of a major shear zone - priority target;
 - 2005 Western Plains Gold (WPG): DDH-A1-2 (300.4m) intersected a broad zone of intense hydrothermal alteration, peak values of 0.33% Cu from 90 to 92m, **within a 64m zone averaging 0.10% Cu, from 76m to 140m proximal to defined soil anomaly – never followed up**
 - DDH-A1-1 abandoned due to caving at 184.1m – did not reach target depth
- 2021 Australian Gold and Copper (ASX:AGC) intersected **85m @ 0.13% Cu** from 165m in RC hole from Achilles 3 to the north along the Achilles shear²
- 2022 *Ultrafine+*TM soil geochemistry program identified a significant coincident Cu-Au and multi-element anomaly – 800m strike extent gold in soils anomaly¹
- GSNSW New Frontiers Drilling grant (\$120k) secured
- Drill permits complete, drill pads cleared in February
- **Diamond drill program to test Achilles 1 Cu-Au Prospect this year**



Near Term News Flow

Drilling our way through 2023 and beyond ...

- **Canobie Ni-Cu Project**
 - Heritage clearances, site reconnaissance visit
 - **Await co-funding application - diamond drill Ni-Cu target**
- **Isa North Project**
 - **Diamond drill program to test multiple IOCG targets**
 - **Magnetotelluric (MT) survey** to confirm multiple mineralisation styles
- **South Cobar Project:**
 - Drill preparations completed in February
 - **Co-funded diamond drill program at Achilles Cu-Au Prospect**
- **Mundi Project**
 - **Co-funded MT survey at Mundi scheduled for Q3**
- **Myall Creek FJV Project (FMG Earn-in)**
 - Ground gravity survey complete, Fortescue earn in requires drilling



Watch this space ...





For further information

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