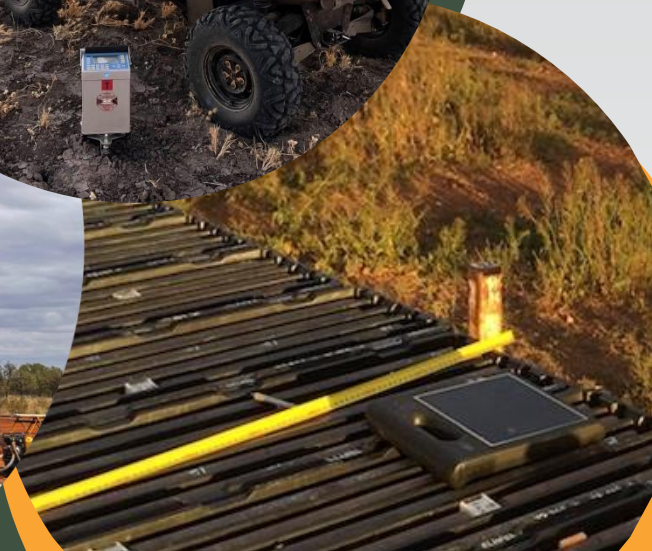


# Investor Presentation

March 2023

*Specialised Undercover  
Explorers and Project  
Generators*



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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



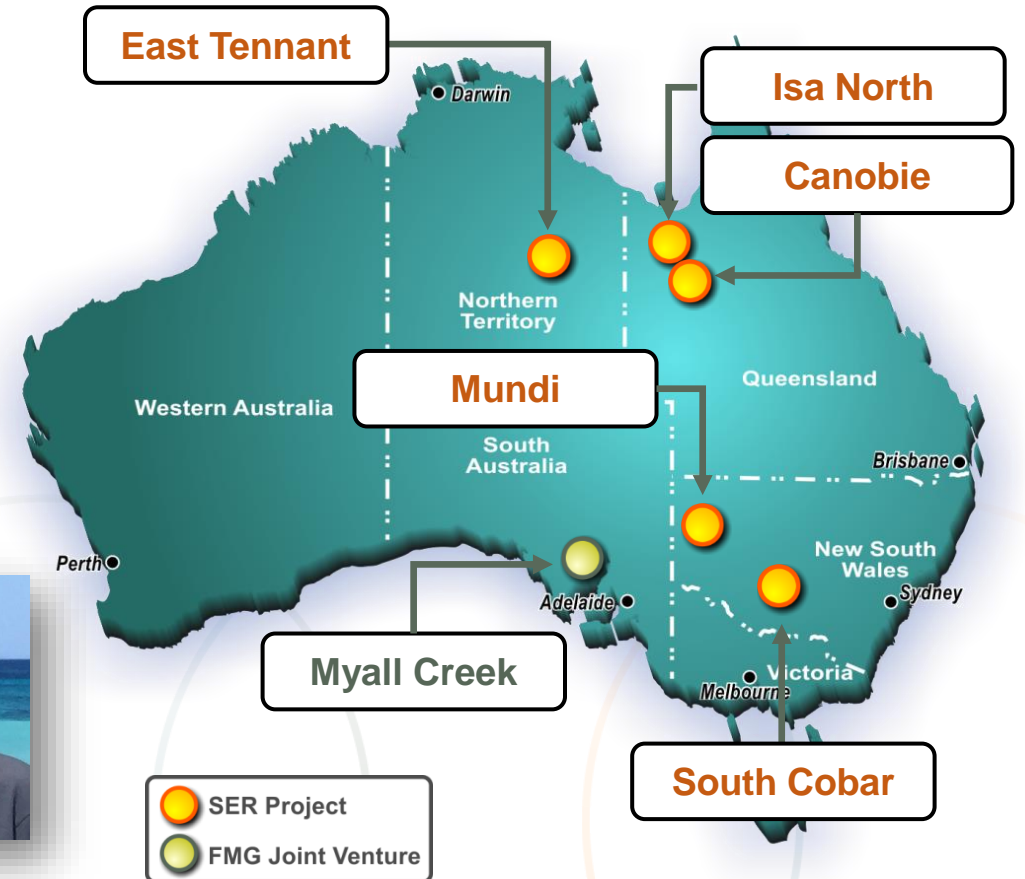
**Anthony McIntosh**  
Non-Executive Director  
BCom GAICD



**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

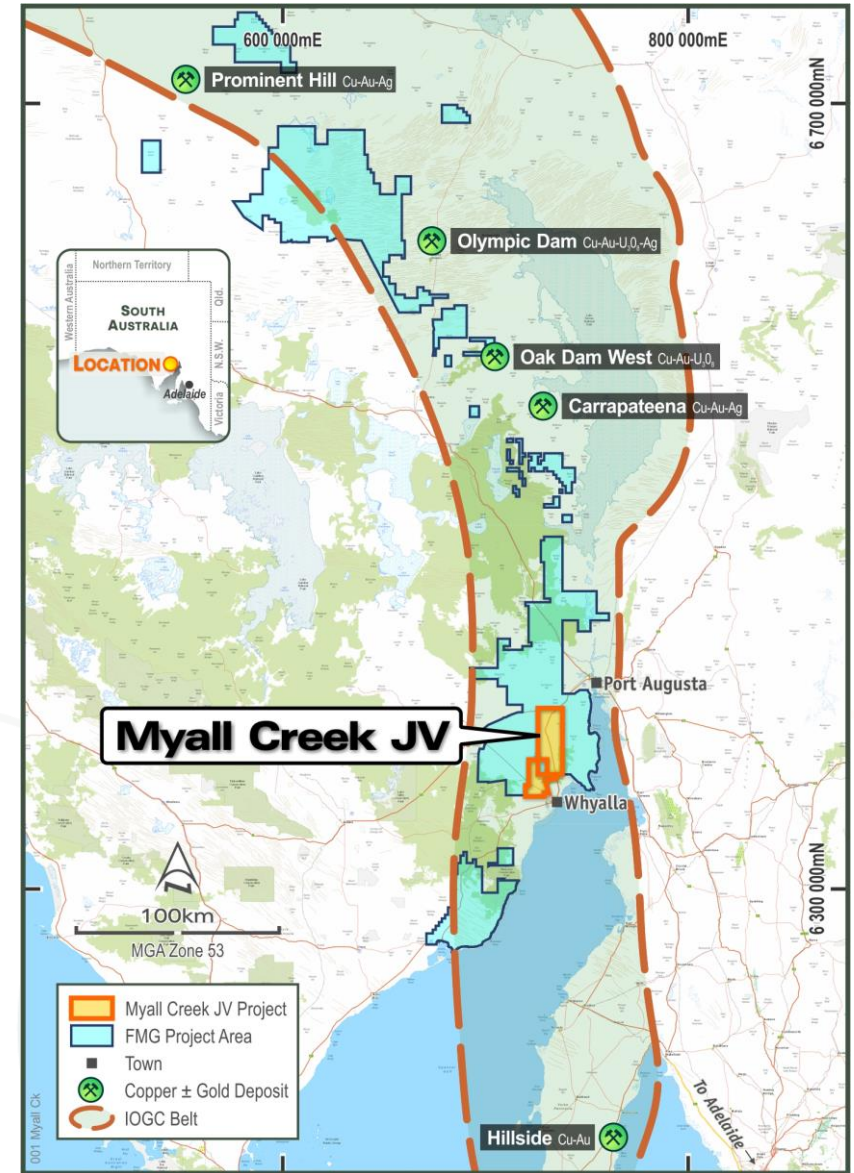
# Myall Creek Copper Project

## 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-in<sup>1</sup>
- 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**

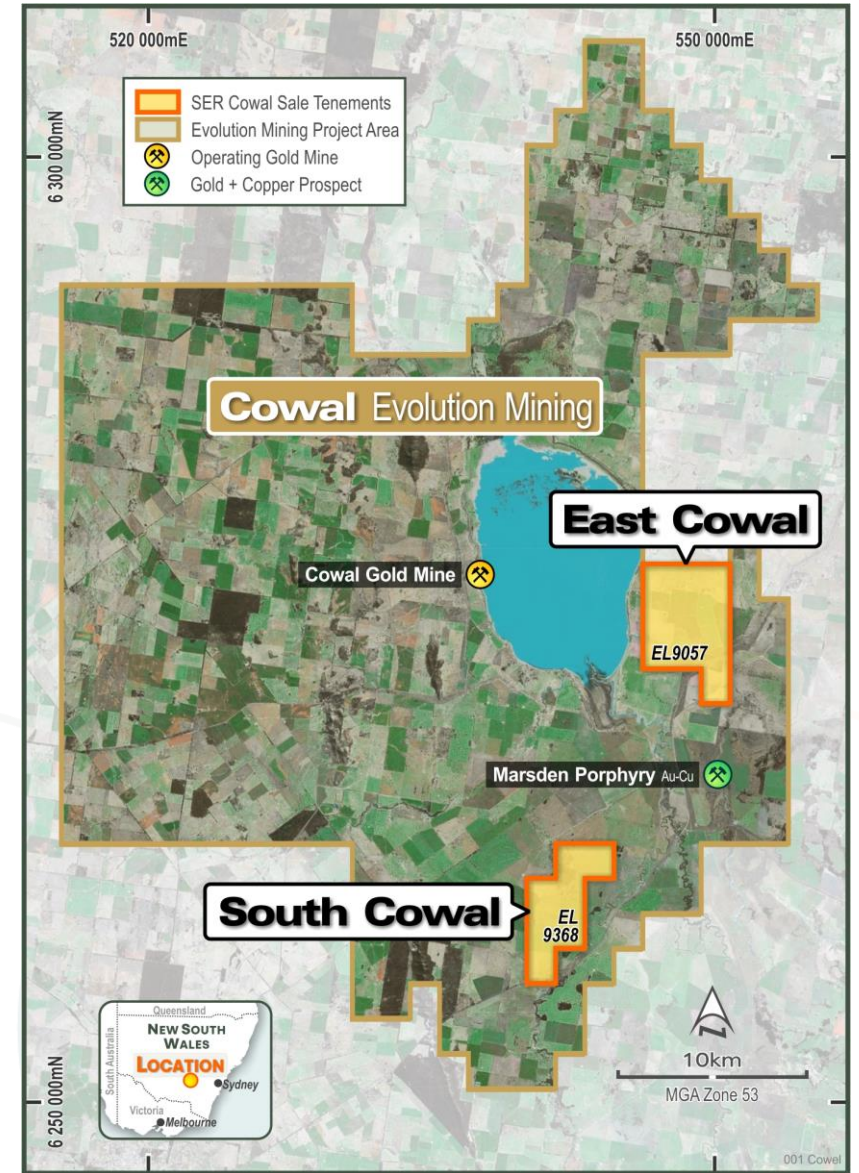


<sup>1</sup>ASX SER Announcement March 2020

# 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 tenements<sup>1</sup>, \$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**



<sup>1</sup>ASX 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

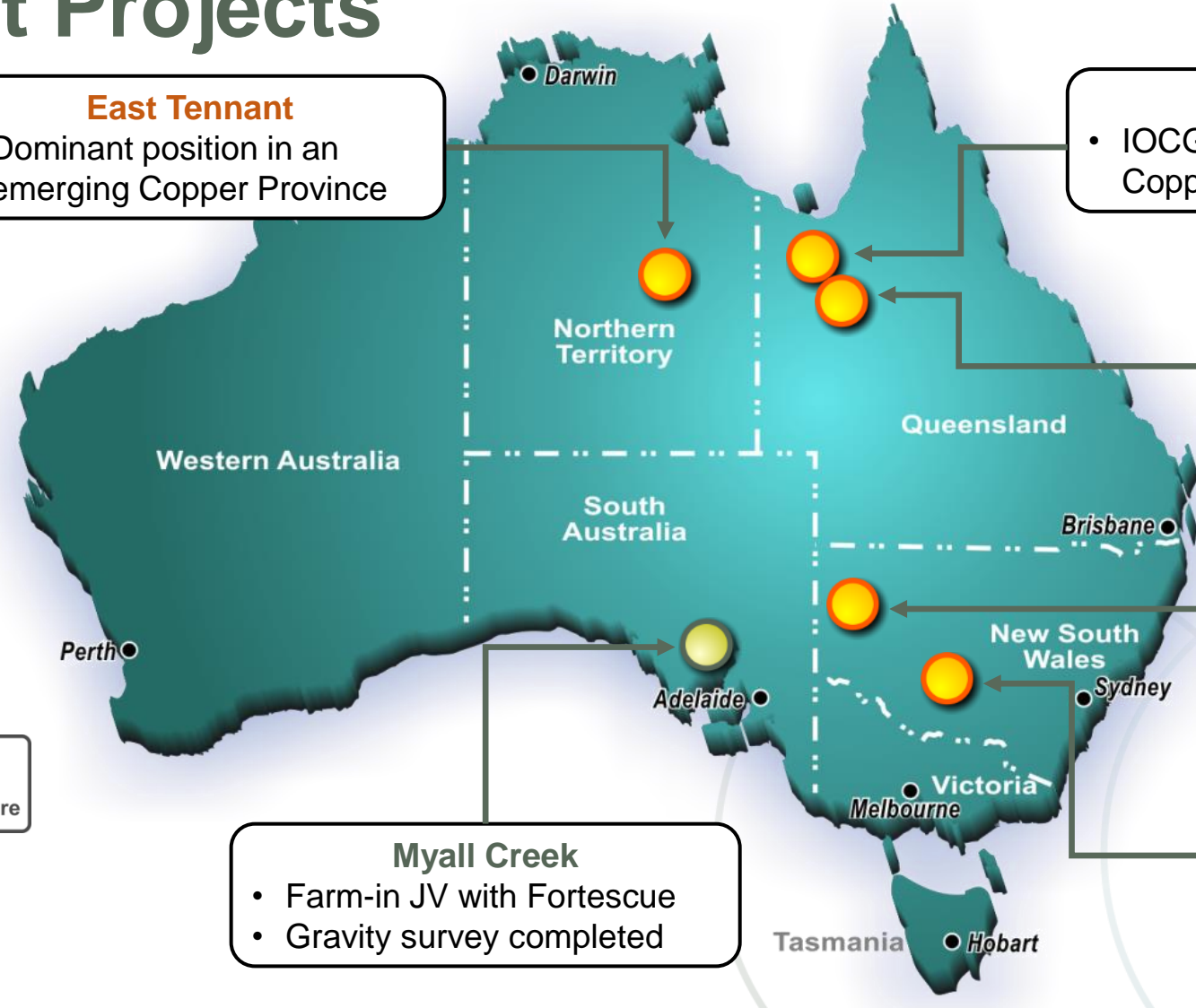
**South Cobar**

- 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...

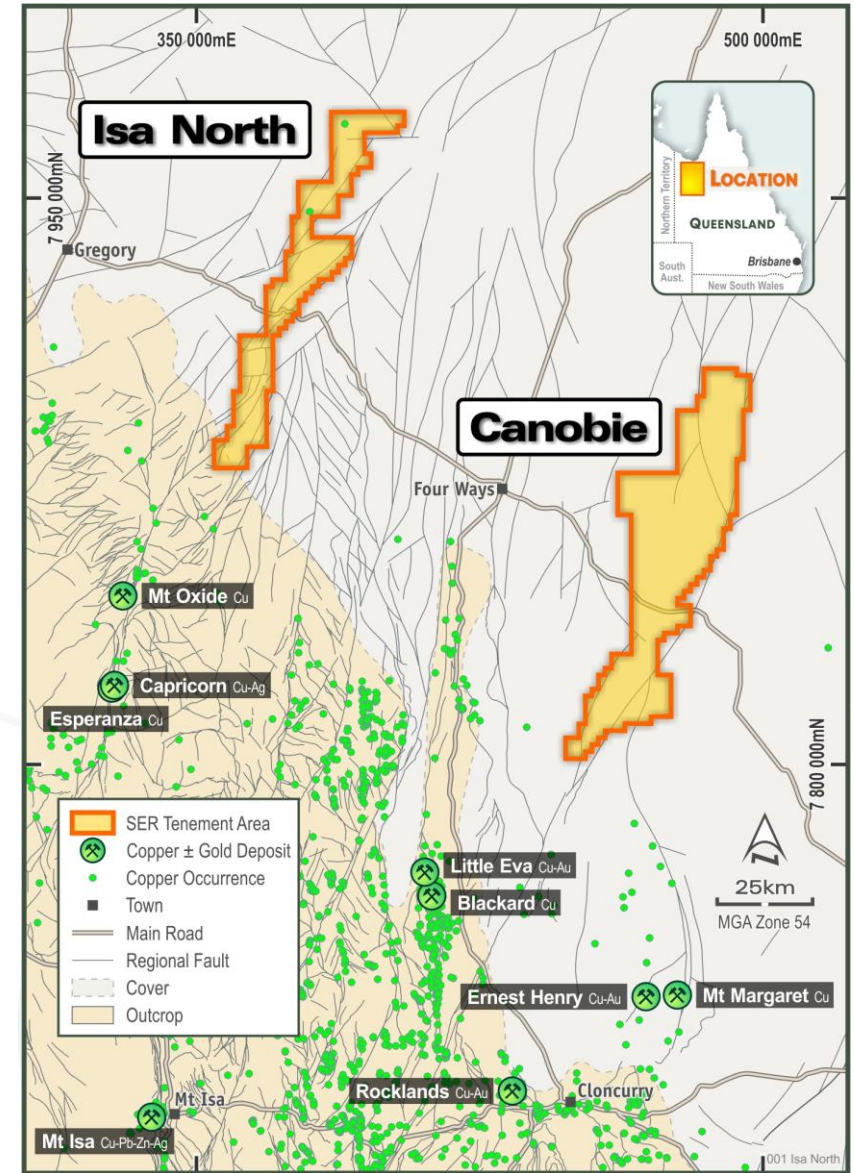
- Two regionally significant projects covering over 2,500km<sup>2</sup> of the undercover extensions of known mineralised terrains

### Canobie Project

- Captures >1,800km<sup>2</sup> 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 >900km<sup>2</sup> 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

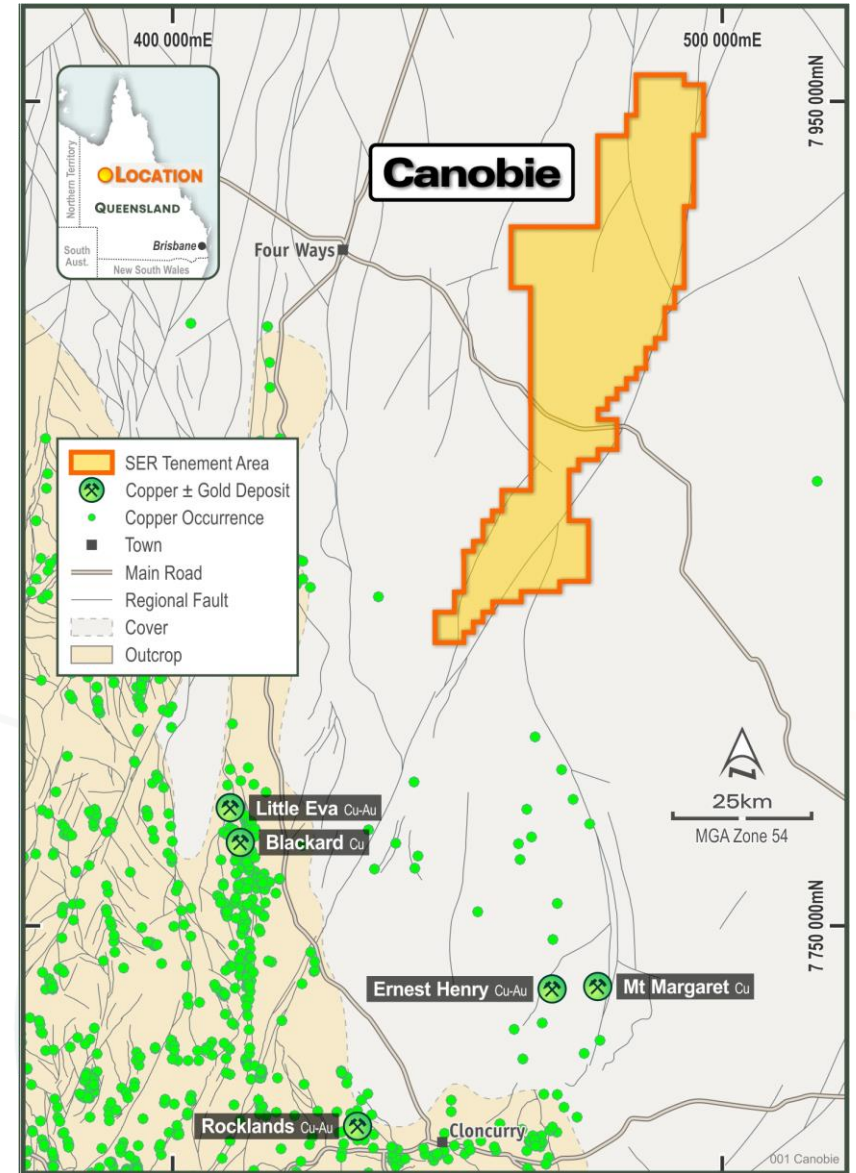




# Canobie Ni-Cu + Cu-Au Project

## 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**<sup>1</sup>
- 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 661.6m<sup>1</sup>
- 2022 Gravity survey & Magnetic Remanence study identified numerous clusters of vector magnetic anomalies coincident with **interpreted chonoliths**<sup>2</sup>
- 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**



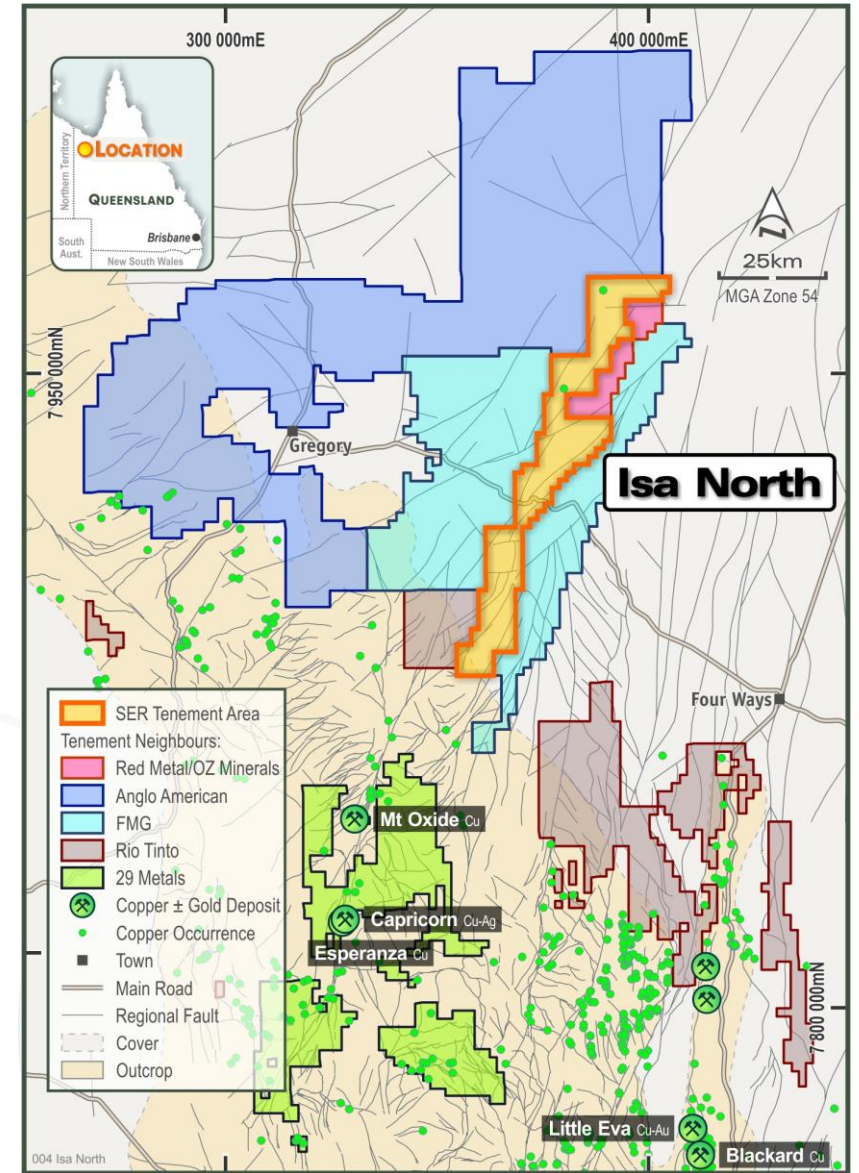
<sup>1</sup> ASX SER Announcement December 2021

<sup>2</sup> ASX SER Announcement November 2022

# Isa North Cu-Au Project

## First mover advantage

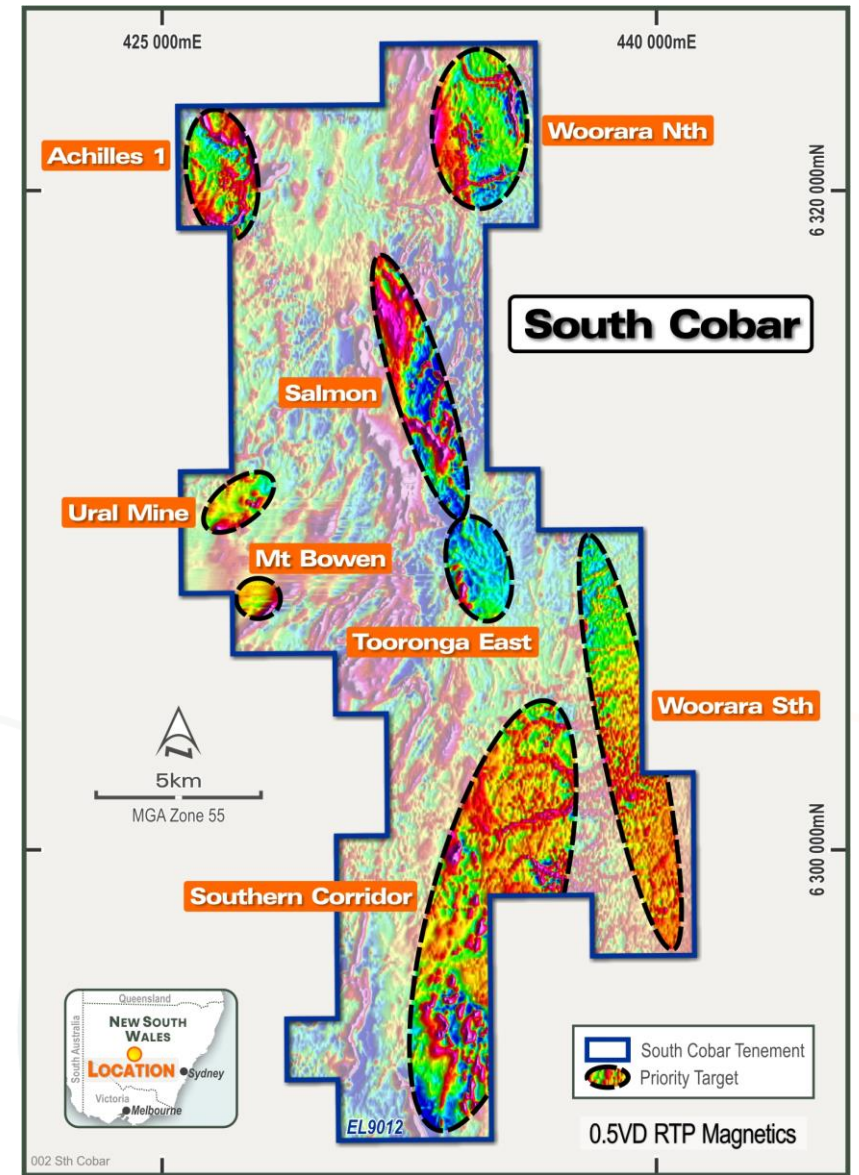
- Acquired from Newcrest in 2021 - retain a FROR and 1% NSR (10yrs)<sup>1</sup>
- 4 targets drilled (5,190m); Lorraine North (INMD001) identified as a near-miss;
  - **Interpreted Tier-1 halo intercept** within a >5km hydrothermal system – High Priority
- Follow-up drilling limited due to landholder 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 concept<sup>3</sup>; subsequent interpretation being typical of proximal to an IOCG setting<sup>4</sup>
  - Chalcopyrite in hydrothermal breccia and carbonate veins<sup>2</sup>
- **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 survey<sup>1</sup>, 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 shear<sup>2</sup>
- 2022 *Ultrafine+*<sup>TM</sup> soil geochemistry program identified a significant coincident Cu-Au and multi-element anomaly – 800m strike extent gold in soils anomaly<sup>1</sup>
- 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 ...





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## For further information

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