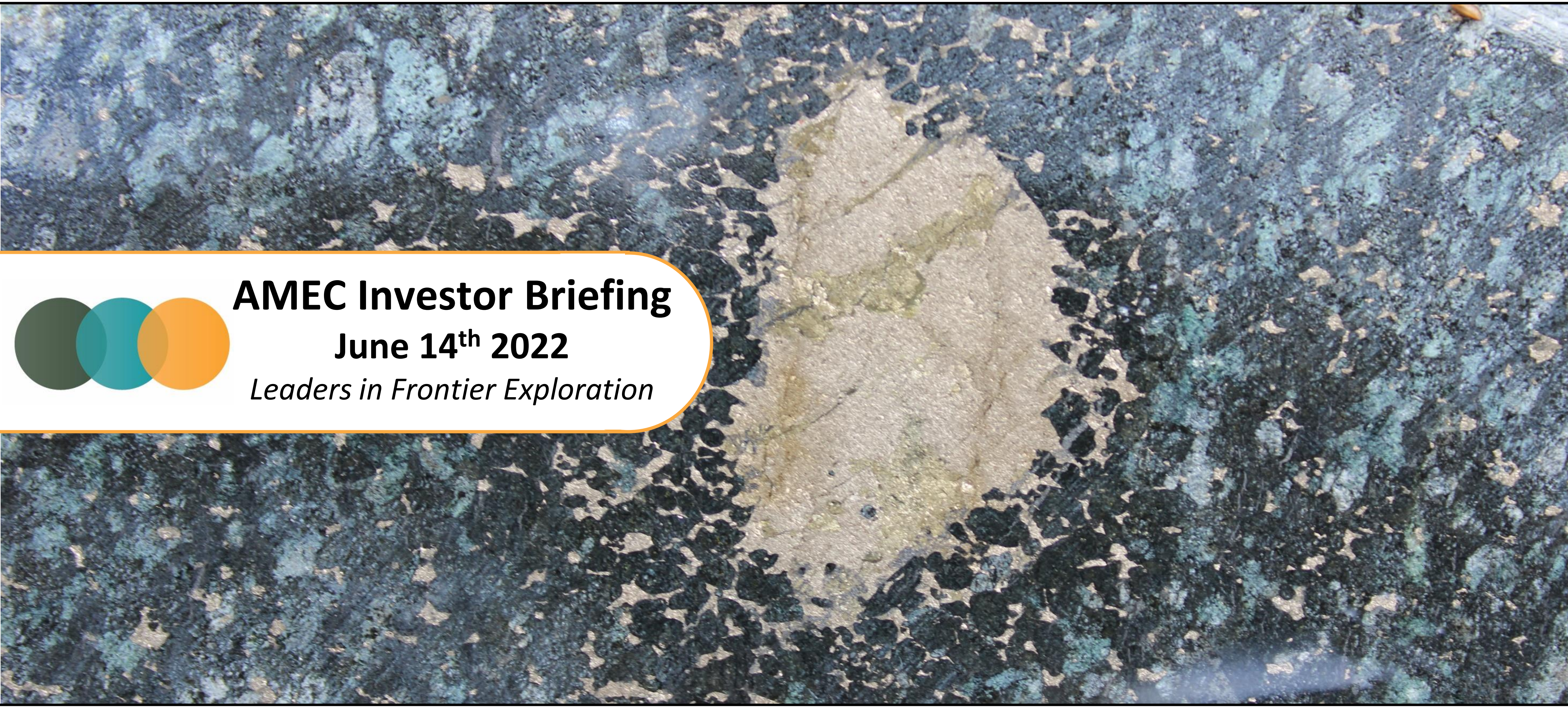


AMEC Investor Briefing

June 14th 2022

Leaders in Frontier Exploration

ASX: SER
www.strategicenergy.com.au

Photo: CNDD001A @ 621.8m

ASX SER Announcement December 2021

Leaders in Frontier Exploration

Leveraging Precompetitive Data in Search of the Next Major Discovery

FMG

MinEx CRC

Caldera Analytics

Australian Government
Geoscience Australia

Exploring for the Future
minerals | energy | groundwater

UltraFine+

CODES UNIVERSITY of TASMANIA

2019	2020	2021	2022
Canobie, QLD ★	Mabel Creek, SA (JV)	Canobie, QLD ★	South Cowal, NSW
Ambergate, WA	Canobie, QLD	Isa North, QLD ★	Mundi, NSW
Myall Creek, SA (JV)	★ East Tennant, NT ★★	East Cowal, NSW	Garema, NSW
		South Cobar, NSW ★	Nymagee, NSW

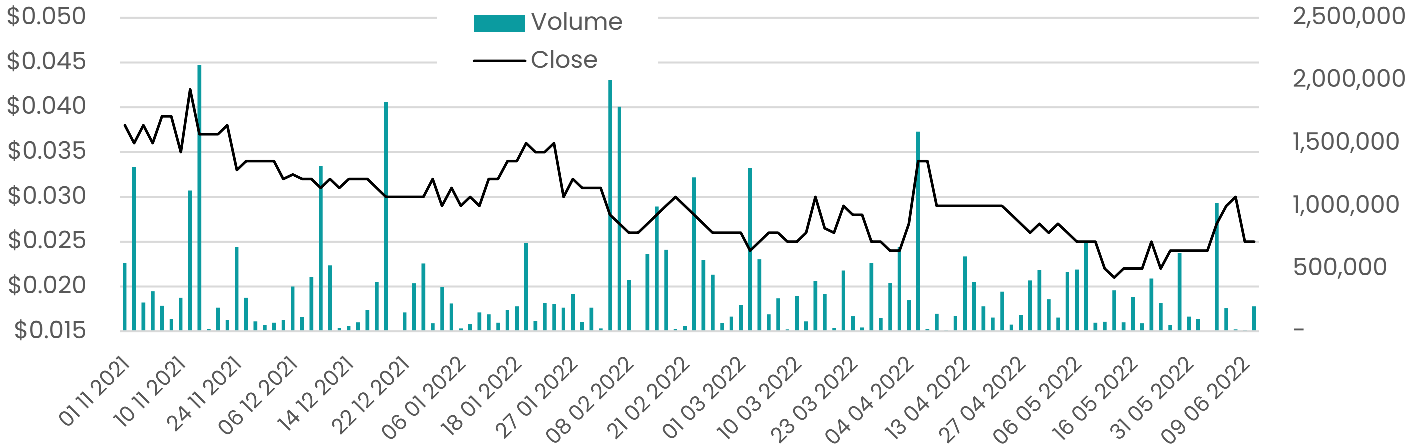
★ *Project Awarded Government Exploration Grant*

Corporate Snapshot

Capital Structure

Shares on Issue	242M
Unlisted Options	18.6M
Market Cap	$6.1M (at 2.5c[1])
Cash[2]	$0.8M
Assets	ASX:RML – 15.2M Shares VOX Royalty 20,000 Shares Ionic Industries - 6.5% (unlisted)

Share Trading – 6 months



Major Shareholders

Datt Capital	~11.2%
Graeme Kirke	~10.3%
Rechner Group	~8%
Top 20 Shareholders	~51%

Board and Management

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

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

Anthony McIntosh
Non-Executive Director
BCom GAICD

Neil Chalmers
Exploration Manager
BSc MSc (Geology) MAIG

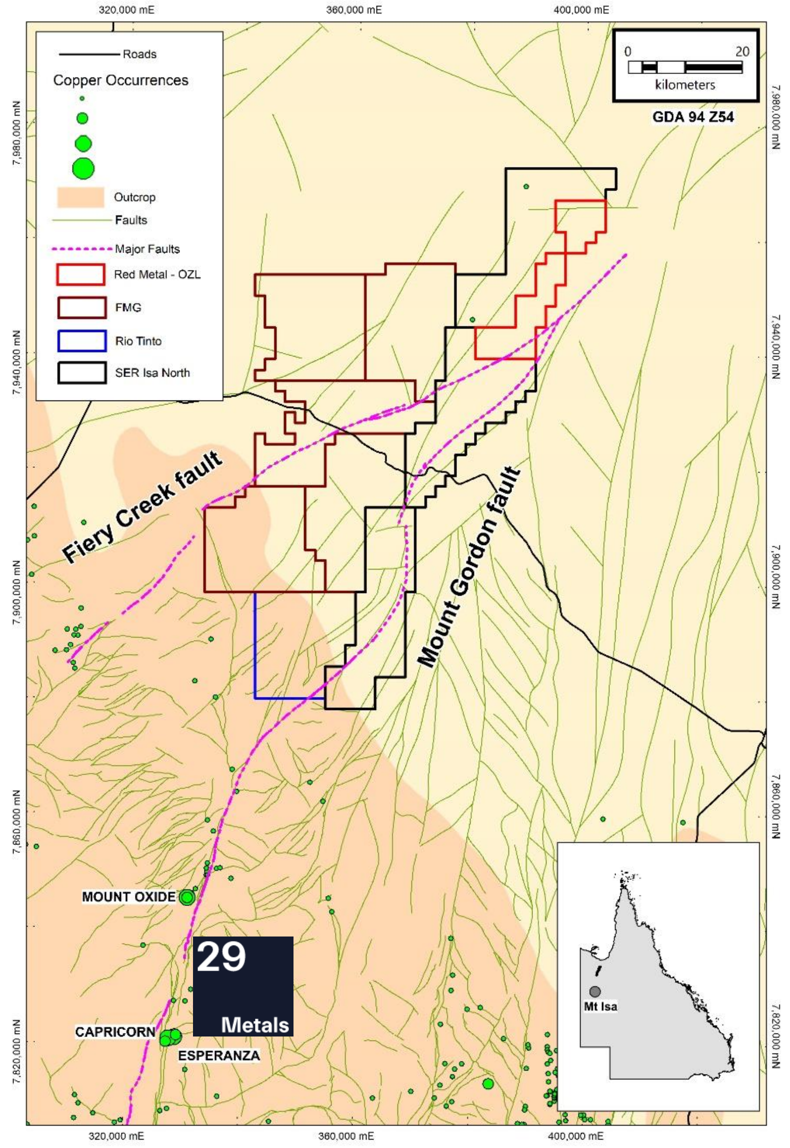
Dr Chris Yeats
Exploration Manager, NSW
BSc PhD (Geology) MAIG

[1] *Closing price on 9 June 2022*
[2] *Cash balance at 31 March 2022*

Isa North, QLD

A Province Scale Copper-Gold Opportunity

- Located 200km NNE of Mt Isa in the NW Mineral Province, highly prospective for Iron Oxide Copper-Gold (IOCG) mineralisation
- Captures over 80km of strike along the northern undercover extension of the mineralised Mt Gordon Fault Zone, host to **five known orebodies** held by 29Metals (ASX:29M), three are currently in production
- Total Measured, Indicated and Inferred Resources for Capricorn Copper orebodies held by 29Metals is 60.8Mt @ 1.8% Cu, 7g/t Ag, 342ppm Co[1]
- Acquired from Newcrest (ASX:NCM) in May 2021 – aligns with SER's strategy of targeting Tier-1 discoveries undercover
- Newcrest retains First Right of Refusal: can match an offer to purchase the project by a third party[2]
- Majors moving into the region: Rio Tinto (ASX: RIO) in October '21, Fortescue (ASX:FMG) in May '22 and Anglo American (LSE:AAL) in June '22



Isa North Project over interpreted faults and nearby explorers

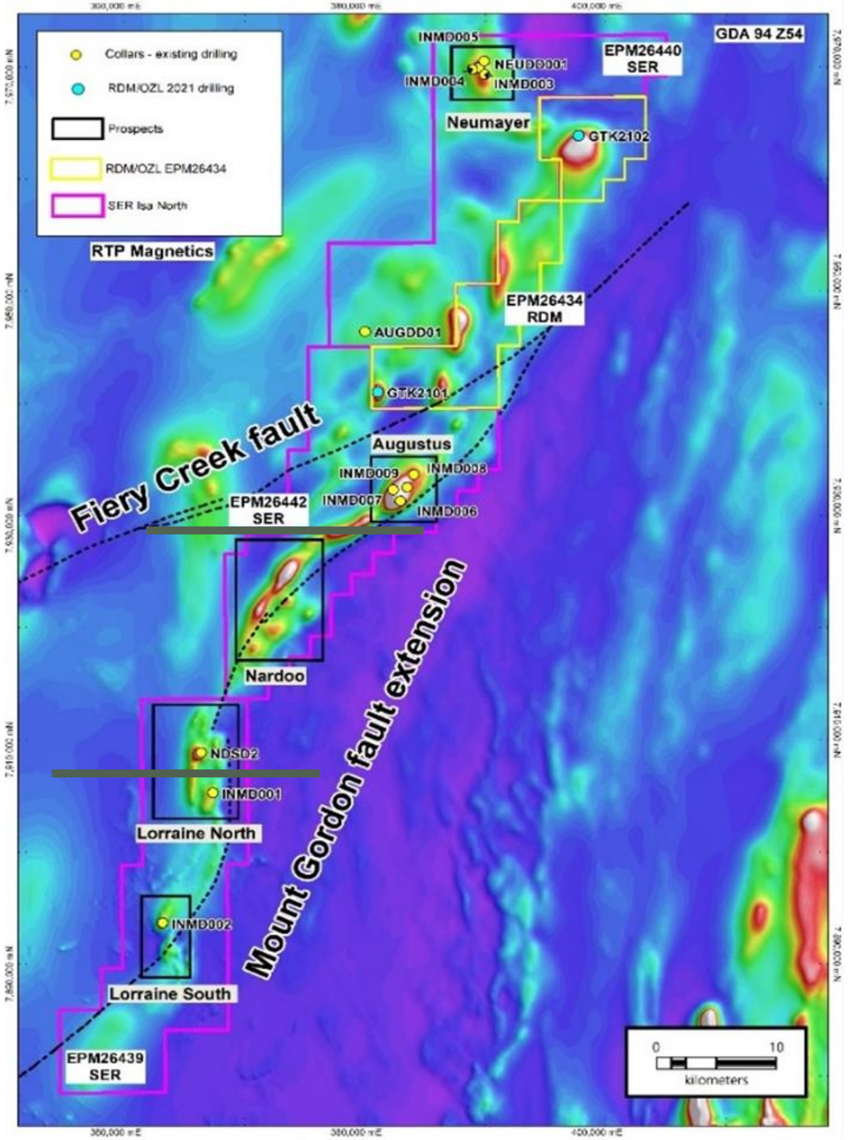
[1] 29Metals March 2022 Mineral Resources & Ore Reserves Estimates
[2] ASX: SER Announcement: May 2021

Isa North, QLD

Standing on the shoulders of giants

- 2019 Newcrest drilled 9 holes for 5,190m at multiple targets
- Lorraine North (INMDD001) intersected weak chalcopyrite in hydrothermal breccia and carbonate veins[1]
  - ✓ Cu enrichment zone (>100ppm) from 344-354m
  - ✓ **Interpreted Tier-1 halo intercept** within a >5km hydrothermal system – High Priority Target
- <u>Follow-up drilling at Lorraine North and Nardoo Prospects was not conducted due to landholder access – now secured</u>
- 2021 Red Metal Limited (ASX:RDM) intersected 44.4m of hydrothermal ironstone and breccia at GTK2101, returning copper assay numbers up to 0.34% providing proof of concept[2]

<u>Targets finalised with drilling set for this year</u>



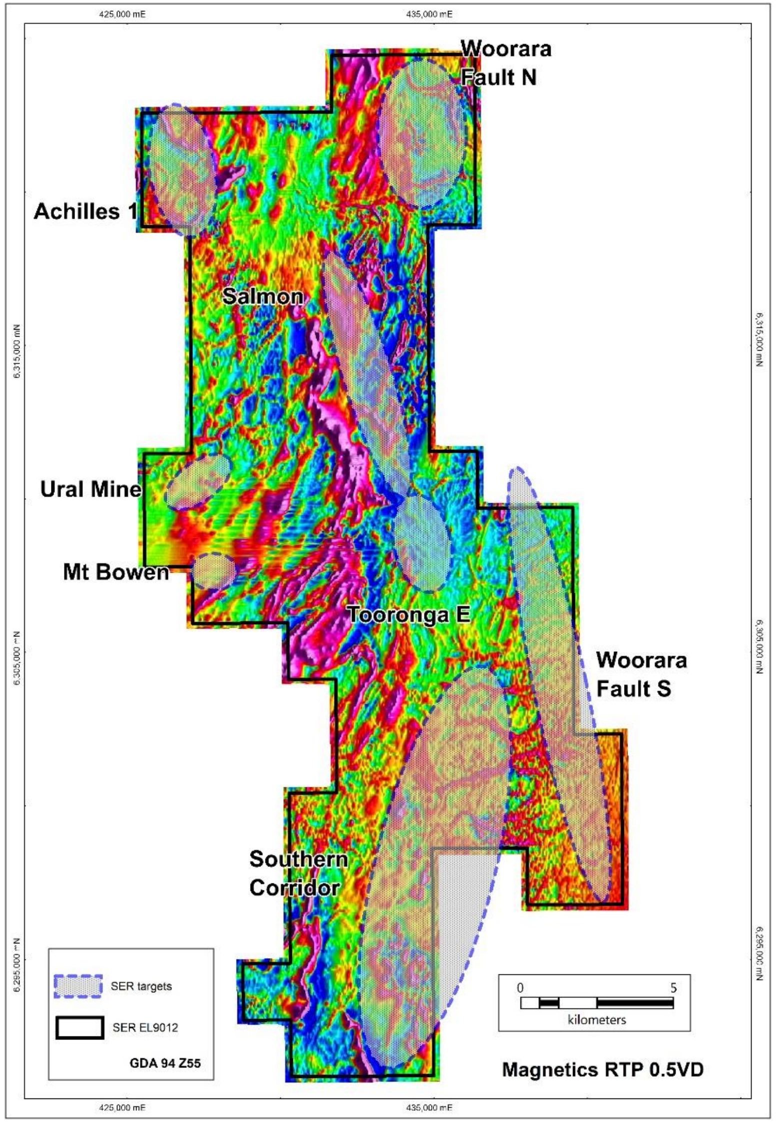
RTP Magnetics, previous drill hole locations at Isa North and the N-S boundary of Nardoo Station

[1] ASX: SER Announcement April 2022
[2] ASX: RDM Announcement January 2022

South Cobar, NSW

The Next Exploration 'Hot-Spot'

- Located in the Cobar Basin – a proven mineral region hosting recent discoveries including the Federation Deposit (ASX:AMI) and major acquisitions (Metals Acquisition Corp US$1.1 billion for CSA copper mine)
- Target rich project with eight targets identified for follow-up exploration[1]
- 1996-97 Santa Fe Mining (SFM) defined strong copper (up to 169ppm), lead (to 81ppm) and zinc (to 1680ppm) in grid based soil sampling over Achilles 1
- 2005 Western Plains Gold (WPG) drilled two diamond drillholes at Achilles 1 to test the soil anomalies identified by SFM;
    - DDH-A1-2 drilled to 300.4m intersected a broad zone of intense hydrothermal alteration, with blebs of chalcopyrite and minor chalcocite. Peak values of 0.33% Cu from 90m to 92m, within a **64m zone averaging 0.10% Cu**, from 76m to 140m
    - DDH-A1-1 abandoned due to caving at 184.1m – **did not reach target depth of 250m – target remains untested**



South Cobar targets over 0.5VD RTP Magnetics

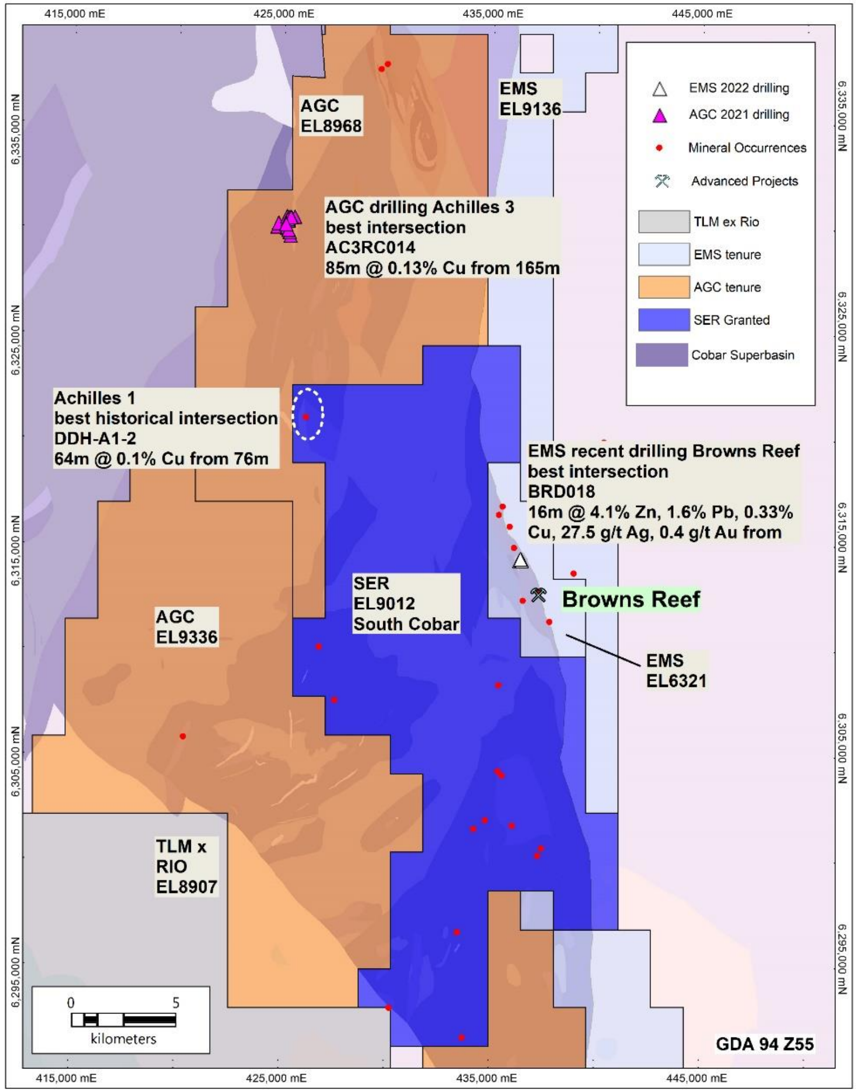
[1] ASX: SER Announcement June 2021

South Cobar, NSW

Achilles -1 set to drill this year

UltraFine+

- Airborne magnetic/radiometric survey completed over the entire exploration licence in August 2021 at 100m E-W spacing
- *Ultrafine+TM next gen* soil geochemistry program completed: 250-sample, 400m x 200m spaced E-W grid over a 4km x 4km area surrounding the Achilles 1 prospect – **results imminent**
- ☆ GSNSW New Frontiers Drilling grant ($120K) awarded[1] with site recon visit now completed and a **drill program scheduled for later this year**
- Five-hole, 1700m diamond drilling program designed to test for Cobar-style Cu-Au mineralisation associated with the Achilles shear
- 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[2]
- Eastern Metals (ASX:EMS) reported High grade Zn assay results from drilling at the Browns Reef Zn-Pb-Cu VMS deposit including **12.5m @ 8.1% Zn, 0.12% Cu**[3]



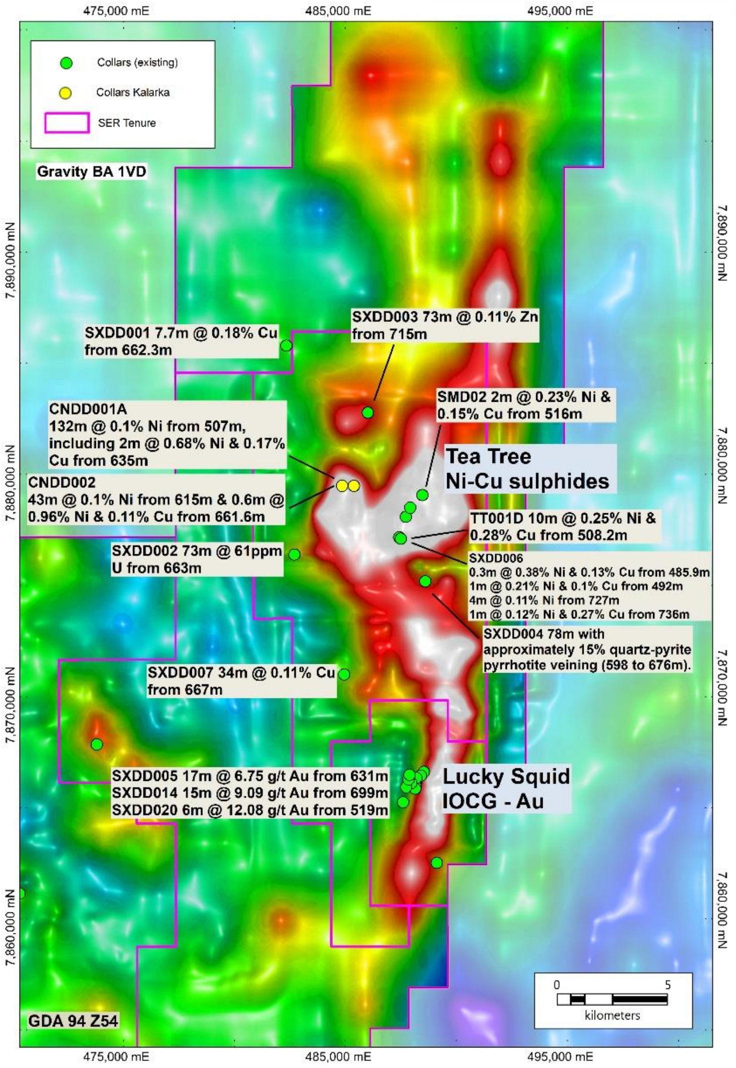
South Cobar Project and nearby explorers

[1] ASX: SER Announcement January 2022
[2] ASX: AGC Announcement September 2021
[3] ASX: EMS Announcement April 2022

Canobie Domain, QLD

A Polymetallic Prize

- Located 150km NE of Cloncurry in Queensland's northwest Mineral Province
- Captures ~2,000km^2 of the Mt Isa Eastern Succession, including a 100km N/S swath of the Quamby fault
- Mt Isa Eastern Succession is a proven mineral region, which includes the giant Ernest Henry mine located 140km to the south
- Region explored since 1990's for IOCG's and Ni sulphides by various explorers
- 2008 Anglo American: Tea Tree Prospect: TT001D - **10.4m @ 0.28% Ni & 0.28% Cu** from 508.2m with depth of basement confirmed at ~ 420m
- 2010 AngloGold Ashanti: Lucky Squid: SXDD005 - **17m @ 6.75g/t Au** from 631m incl **5m @ 19.30g/t Au** & SXDD014 - **15m @ 9.09g/t Au** from 699m
- ★ 2021 SER: Kalarka: CNDD001A - **132m @ 0.1% Ni** from 507m including 2m @ 0.68%Ni, 0.17% Cu from 635m & CNDD002 - **43m @ 0.1% Ni** from 615m and 0.6m @ 0.96%Ni, 0.11% Cu from 661.6m[1]



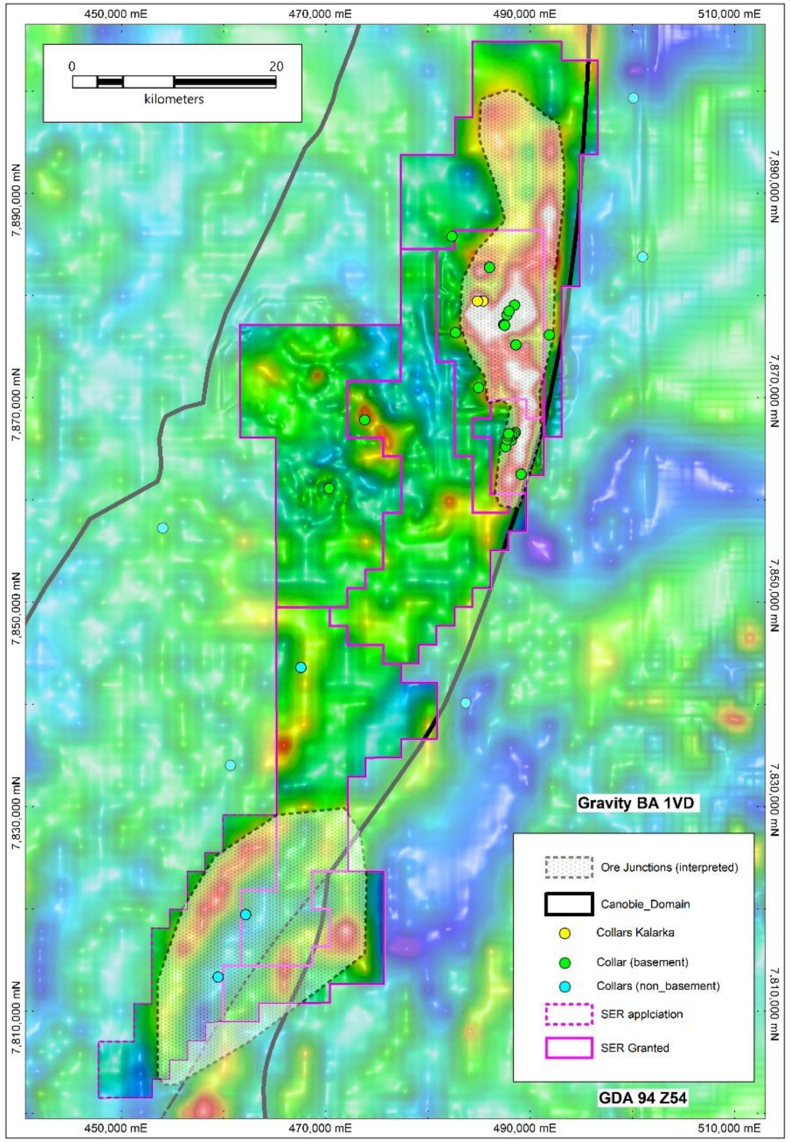
Historical drill holes surrounding the Kalarka Prospect over a Bouguer Gravity Image

[1]ASX SER Announcement December 2021

Canobie Domain, QLD

The Next Nickel Province

- A revised geological model has been established which places the limited basement drillholes into context – highlighting prospectivity of the system
- Two interpreted **ore junctions** within the Canobie project identified, one with semi massive sulphides and the other untested
- Ore junctions **(fold controlled cluster of intrusions)** with inferred pipe like intrusions **(chonoliths)** host mineralisation systems such as Nebo-Babel Ni-Cu-PGE (Musgraves, WA) and Nova-Bollinger (Fraser Range, WA)
- Ore junctions are adjacent to the crustal scale Gidyea Suture Zone based on the interpretation of the VRMI magnetics and gravity inversion
- Extensive project review underway including re-logging available drill core, selected geochemical analysis, petrology and petrophysical data collection[1]
- Detailed gravity infill survey commissioned to further refine mafic intrusive bodies and aid in drill targeting set to commence next quarter



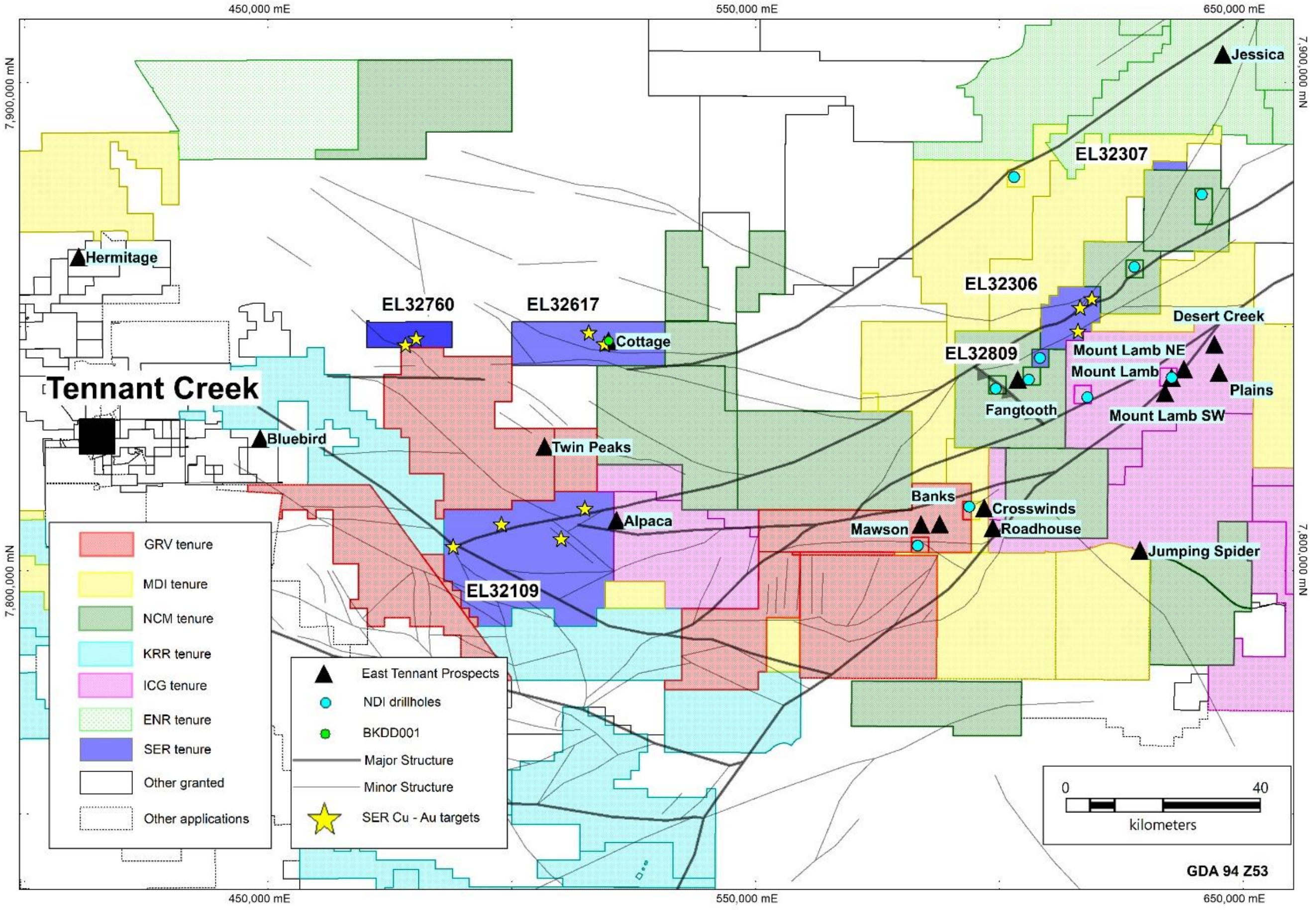
Bouguer Gravity 1 VD image with interpreted ore junctions

[1] ASX SER Announcement December 2021

East Tennant, NT

An Emerging Copper Province

- Located between the major Cu-Au districts of Tennant Creek and Mt. Isa covering 1300km^2 and hosting numerous gravity/ magnetic targets
- Geoscience Australia and MinEx CRC focus region which incorporated the National Drilling Initiative - which led many explorers into the region
- Region identified as hosting geological features favourable to host mineral systems
- Encouraging early exploration results from nearby explorers including copper oxide mineralisation at surface at the Crosswinds Prospect[1] (ASX:MDI) and copper anomalism in water bore samples at the Jessica Copper Project [2] (ASX: ENR)



The location of SER's East Tennant Projects and the location of Cu-Au targets for the proposed Induced Polarisation (IP) survey

[1] ASX : MDI Announcement 2 June 2022
[2] ASX : ENR Announcement 19 August 2020

East Tennant, NT

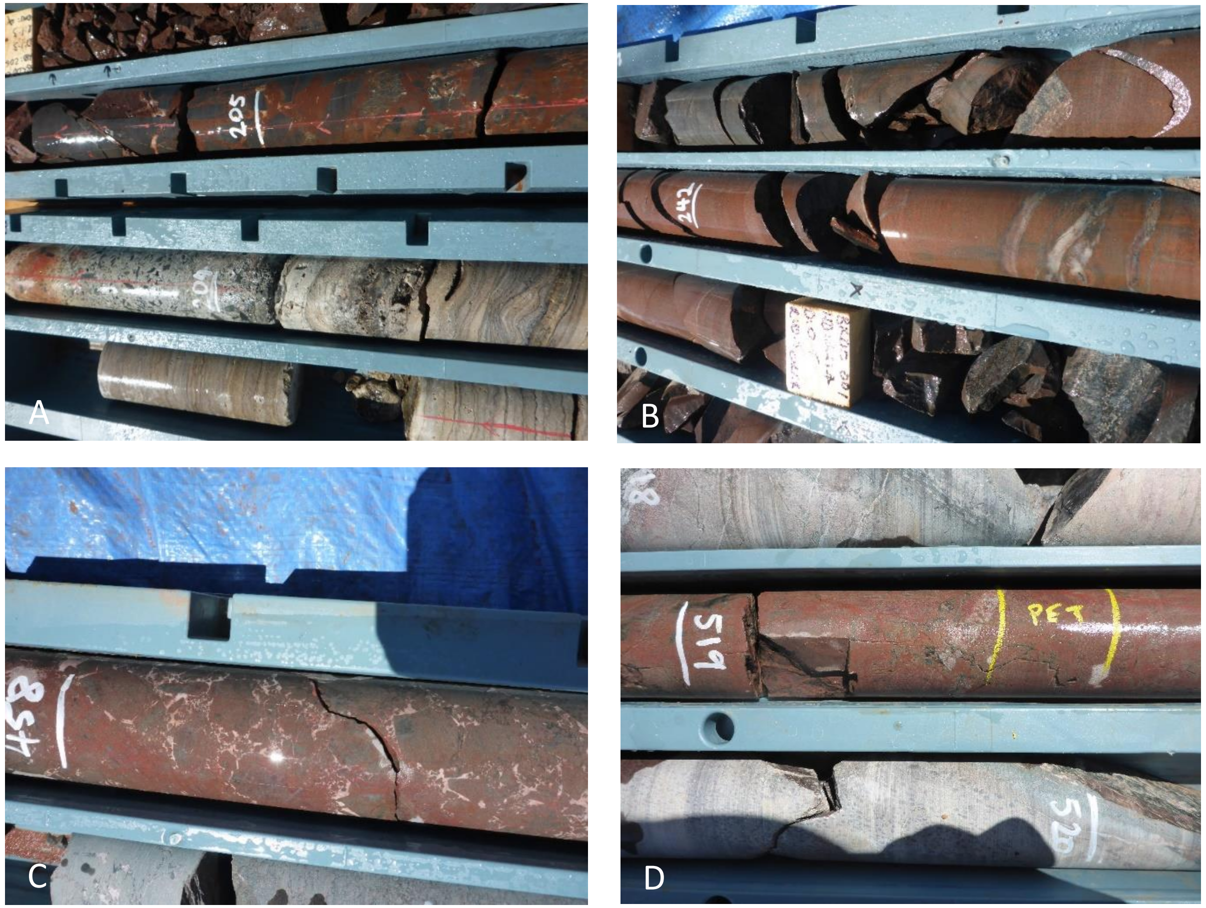
An Emerging Copper Province

- First explorer to undertake a diamond drill program in the region at the ‘Cottage’ Prospect (BKDD001 – 690.4m depth) targeting a combined gravity and magnetic anomaly – supported by GDC grant

- Massive drilling programs underway by nearby explorers including Inca Minerals (ASX:ICG)[1], Middle Island Resources (ASX:MDI)[2] and Greenvale Mining (ASX:GRV)[3]
  - Multiple drill programs underway in the region -

- Induced Polarisation (IP) survey designed to cover multiple gravity and magnetic targets completed
  ☆ **Recently awarded NT GDC co-funding**

- Industry PhD Sponsor alongside MinEx CRC and CODES
  *“Exploring the East Tennant region: Unravelling the crustal architecture, tectonic evolution and mineral systems potential of an undercover Proterozoic terrane through the integrated use of geophysics, drill hole data and machine learning/geodata analysis techniques” **– Richard Hill***



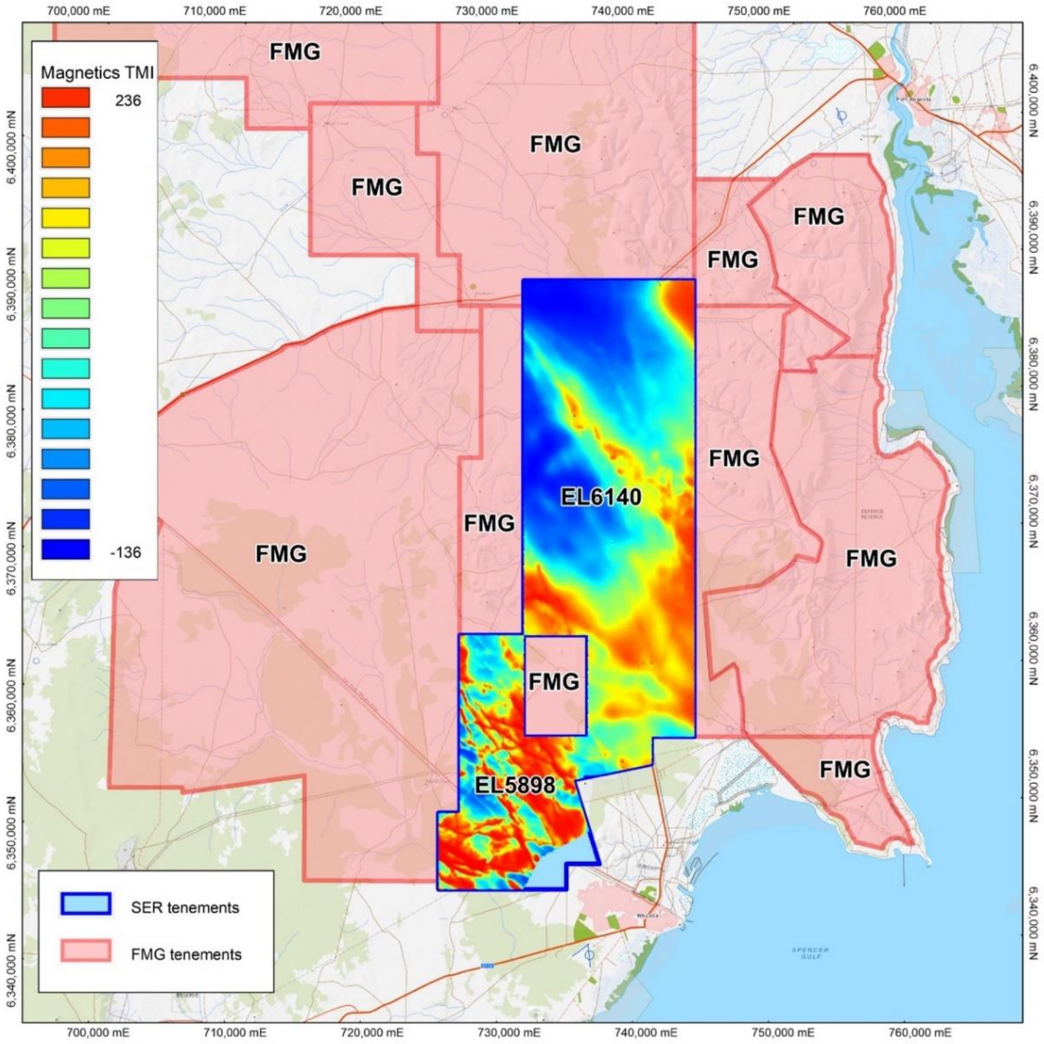
Above: BKDD001 selected drill core: A) top of basement contact (204m): B) fine grained, hematite bearing metasediment with quartz veining (242m): C) localised (3m downhole width) hematite – quartz – chlorite pervasive alteration – breccia texture (458m): D) zones of intense hematite veinlets (519m)

[1] ASX : ICG Announcement June 2022
[2] ASX : MDI Announcement June 2022
[3] ASX : GRV Announcement April 2022
[4] ASX : SER Announcement June 2022

Myall Creek, SA

Hidden value ready to be unlocked

- 2019 Fortescue Metals Group (ASX:FMG) earn-in and JV agreement covering the Myall Creek Cu Project signed
- FMG to earn 80% interest by sole funding $1.5m exploration[1] **(minimum 1,500m drilling)** over 5 years
- Compelling exploration opportunity in a prime location in Olympic Copper-Gold Province, home to giant producing mines: Olympic Dam, Prominent Hill and Carrapateena
- Historical drilling intersected occurrences of copper and other base metals; basement remains untested
- 2020 FMG completed detailed magnetic / radiometric survey with Native Title discussions continuing prior to a gravity survey and future drill program

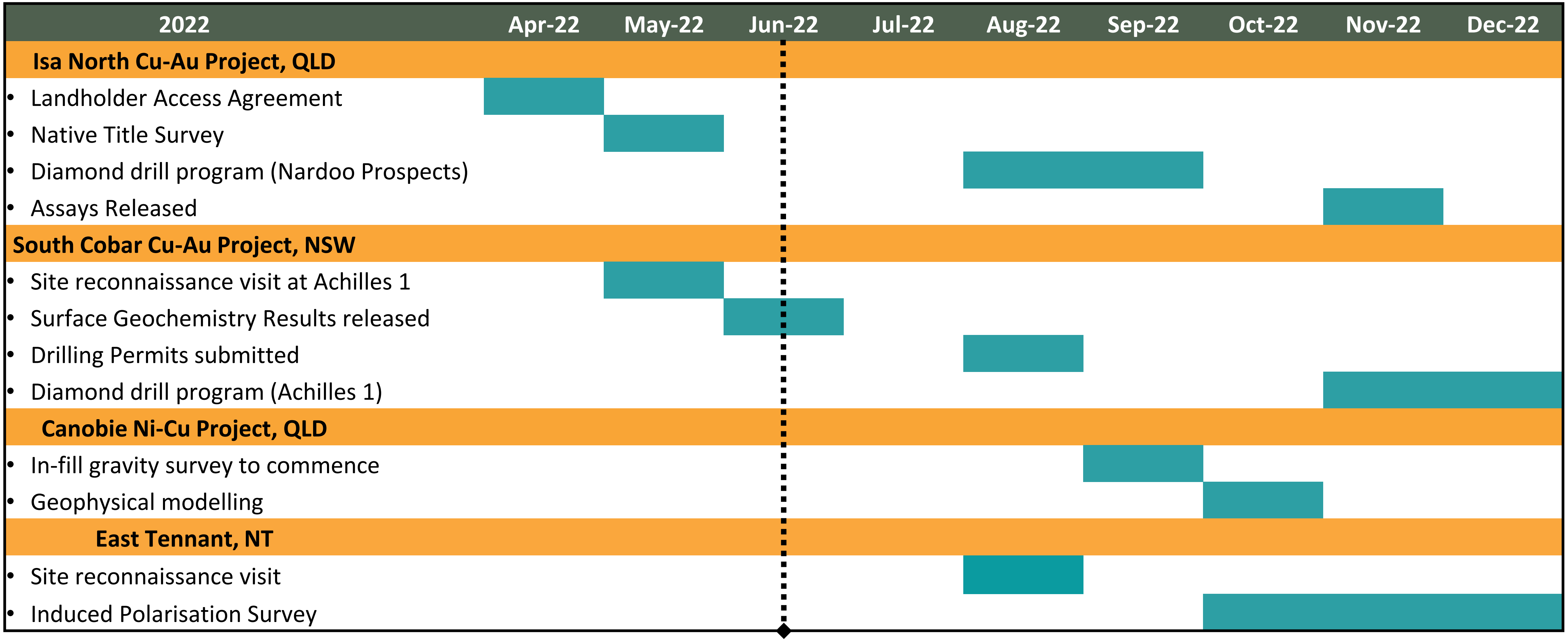


Myall Creek JV project area covered by Magnetic survey image

[1] ASX: SER Announcement March 2020

Strong Near-Term News Flow

Multiple price catalysts ahead in the six coming months



Investment Thesis

Targeting Tier-1 discoveries undercover in Greenfield regions across Australia

The industry needs to focus on frontier regions to find the next discovery – and they won't be at surface

A scientific approach to project generation - increasing the probability of success

Extensive experience in early-stage exploration and multidisciplinary scientific interpretation of datasets

Strong collaborative relationships with government agencies and industry leaders

Our willingness to engage industry leaders ensures SER is at the forefront of exploration

Deep project pipeline spreads exploration risk and allows the leveraging of resources

Sharing risk and reward with JV partners allows the team to continue to generate multiple new projects

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Competent Person Statement

The information in this presentation 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 Limited. 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 presentation of the matters based on his information in the form and context in which it appears.

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