

BOARD & MANAGEMENT

Chris Sutherland – *Chair*
Duncan Chessell – *CEO*
Peter McIntyre – *NED*
Greg Hall – *NED*
Dr Antonio Belperio – *NED*
Tim McCormack – *CFO*
Jarek Kopias – *Co Sec*

CAPITAL STRUCTURE

Ordinary Shares:
Issued 82.4M

Options:
4.0M

Performance Rights:
2.2M

CONTACT

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Investor Presentation and Drilling Plans

Copper Search Ltd (ASX: CUS) (Copper Search or the Company) is pleased to provide investors with the opportunity to watch a Company Update from CEO Duncan Chessell. Duncan is presenting the following Investor Presentation, titled *IOCG Focussed Explorer in South Australia*, live at the Brisbane Explorers Conference at 9:45am today (AEST). The presentation covers upcoming drilling plans for the high-priority IOCG drill targets, due to start in a few weeks.

Copper Search is positioned for discovery success in the under-explored NE corner of the Gawler Craton, which is prospective for large-scale Cloncurry-style IOCG deposits.

This presentation summarises:

- The new understanding of IOCG potential of the Peake & Denison District
- The identification of **six priority IOCG drill targets** at the Peak Project
- **A more detailed look at the first four (4) drill targets that will be the focus of the drilling program scheduled to start in a few weeks**
- CUS's regional exploration plans

Live Event: [Brisbane Mining Investor Conference](#)

Register to Watch online: [here](#)

Date: Wednesday, 22 March 2023

Presentation time: 9:45am (Brisbane, Queensland)

For further information, please contact the authorising officer Duncan Chessell:

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CEO
Copper Search Limited
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duncan@coppersearch.com.au



ASX:CUS

IOCG FOCUSSED EXPLORER IN SOUTH AUSTRALIA

Duncan Chessell
CEO & Exploration Manager

Brisbane Mining
Investor Conference
22 March 2023

OPERATION / 15X
LOCATION: Gawler Craton, S.A.



COMPANY OVERVIEW

Our Mission

Copper Search Ltd (CUS) is a junior mineral explorer with projects prospective for in demand battery metals focussing on copper. CUS aims to create value for shareholders through large scale discovery success.

Market Cap

\$19 m

Top 20 Shareholders

66 %

Share Price

\$0.235

Cash on hand
(last Quarterly Dec 2022)

\$7.4 m

Shares on issue

82.4 m

Active Project

Gawler Craton

Ground Position

5,560 km²

WHAT MAKES A SUCCESSFUL EXPLORER?

#1 THE RIGHT TEAM



THE RIGHT TEAM WILL CHOOSE THE

- ✓ RIGHT COMMODITIES
- ✓ RIGHT TIMING
- ✓ RIGHT PROJECTS
- ✓ RIGHT JURISDICTIONS
- ✓ BEST DRILL TARGETS
- ✓ and attract the **RIGHT FUNDING**

THE TEAM

The Copper Search team is led by CEO Duncan Chessell and a TEAM with proven discovery success.

Duncan Chessell, CEO & Exploration Manager

Geologist with over 20 years of experience in business and mineral exploration. Duncan has worked in the Northern Territory, Papua New Guinea, Alaska and has made several gold discoveries in the Tarcoola area of the Gawler Craton – South Australia. He is also a triple Mt Everest summiteer. Previous directorships held in the mining and not-for-profit sectors, he is currently the non-executive Chairman of Resolution Minerals Ltd (ASX: RML).

Board

Chris Sutherland, Non-Executive Chairman

Chris is an engineer with over 20 years of business experience. He was Managing Director of Programmed from January 2008 until his retirement in September 2019. Programmed was a major publicly listed ASX company until October 2017 when it was acquired for an enterprise value of over \$1 billion.

Dr Tony Belperio, Technical Advisory Panel Member, Non-executive Director

Geologist with over 30 years of experience in the mining industry and an impressive track-record, including the discovery of the Prominent Hill Mine in the Gawler Craton, South Australia. Former chief geologist for the South Australia Geological Survey and active explorer for over two decades with Demetallica Ltd, nee Minotaur Ltd (ASX: MEP).

Greg Hall, Non-Executive Director

Greg Hall has over 30 years' experience in mine management, global commodities marketing, and CEO and Board roles with resource companies. This includes groups such as WMC, Rio Tinto, Toro Energy and Hillgrove Resources. He is currently Managing Director of Alligator Energy Ltd (ASX: AGE).

Peter McIntyre, Non-Executive Director

Peter McIntyre is an engineer with over 30 years of experience in the minerals industry in exploration and production and held senior roles in WMC. He established and was Managing Director of Extract Resources Limited which discovered the world-class Husab uranium deposit in Namibia which was ultimately acquired via a takeover for \$2.3 billion.

Exploration Team

Theo Aravanis, Principal Geophysicist

Theo has over 25 years of mineral exploration experience and works on a consulting basis to Copper Search. Theo spent over a decade as the Chief Geophysicist for Rio Tinto's global exploration group. Theo's expertise spans a wide range of geophysical techniques applied to an enormous variety of mineral systems globally.

John Main, Technical Advisory Panel Chairman

John has over 35 years of experience in a plethora of deposit types worldwide. John has had a distinguished career which included tenure as the exploration manager America's for Rio Tinto. He provides an independent opinion to the board on the technical aspects and strategies of the exploration team.

Richard Hill, Senior Exploration Geologist

Over 25 years of mineral exploration experience in South Australia, he is credited with the Paris Silver Deposit discovery in the Gawler Craton and has worked across multiple commodities and deposits throughout South Australia.

Stacey Curtis, Senior Exploration Geologist

With seventeen years of experience in the South Australia Geological Survey, she brings extensive government networks and mineral system studies expertise and has strengths in mapping, geochemistry and geochronology.

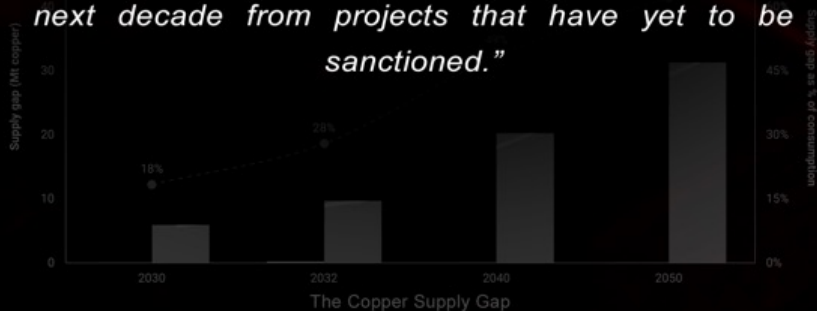
THE COPPER BOOM

How much copper do we need to meet the current 'net zero' climate targets?

A recent report by Wood Mackenzie 2022 stated

"Substantial growth in new mine supply will be needed to meet zero-carbon targets. The industry will have to deliver new projects at a frequency and consistent level of investment never previously accomplished..."

"The additional volume of copper needed means that 9.7 Mt of new mine supply will be required over the next decade from projects that have yet to be sanctioned..."




Electric vehicles will be the largest sector contributing to the rise in demand for copper over the next 20 years, accounting for 55% of demand.

A standard combustion engine vehicle uses 20kg of copper.

A fully electric vehicle uses an average of 80kg of copper.

Red metal, green demand:
Copper's critical role in achieving net zero
Wood Mackenzie Report (2022)





That is equivalent to
nearly one third of the
world's current refined
copper consumption.

OR



47x

Olympic Dam mines
must be brought into
PRODUCTION to meet
'net zero' climate targets!

COPPER SEARCH

PROMINENT HILL
1.4Mt Cu @ 0.90%
(OZL)

OLYMPIC DAM
78.4Mt Cu @ 0.72%
(BHP)

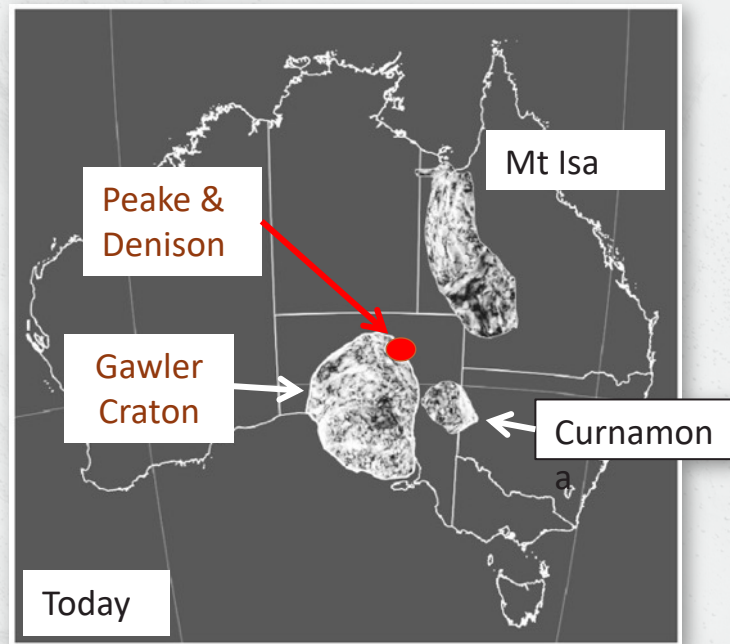
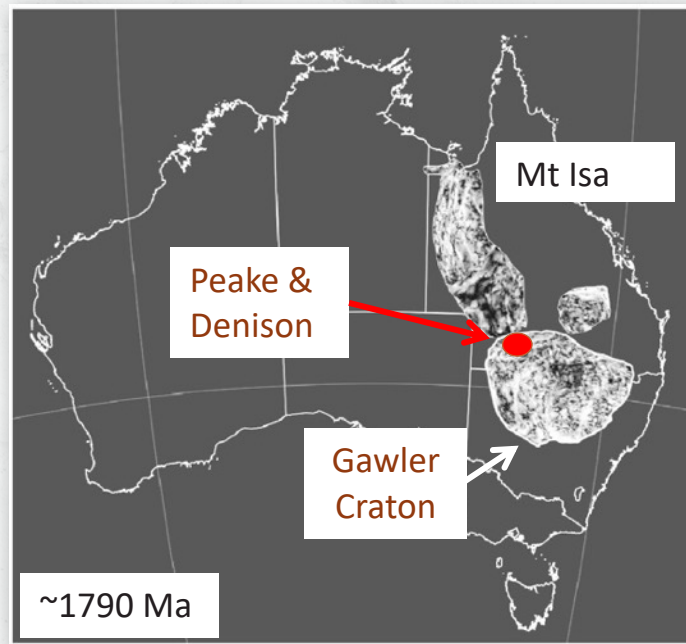
CARRAPATEENA
5.4Mt Cu @ 0.54%
(OZL)

PEAKE PROJECT
(CUS)

The Peake & Denison geological domain was recently recognised as equivalent to the copper-rich Cloncurry District in Queensland via OZ Minerals funded drilling results on the neighbouring ground (October 2022).

The Gawler Craton is a world-class mining district in South Australia and is endowed with over 100 million tonnes of copper and 110 million ounces of gold. Copper Search's Peake Project covers over 5,560 sq km giving the company a strong ground position in the district.

CORRELATION TO MT ISA DOMAIN - A KNOWN IOCG DISTRICT



Tectonic reconstructions suggest that the Nawa Domain (a.k.a. Peake & Denison) once formed a contiguous belt with the Mt Isa Domain that hosts Paleoproterozoic Pb-Zn-Ag and Mesoproterozoic IOCG deposits, Betts et al, 2010.

From "Crustal boundaries of the marginal terranes of the Northern Gawler Craton"
- Peter Betts, Robin Armit, Graham Baines, David Giles, Bruce Schaefer (2010).

THE PEAKE PROJECT

SOUTH AUSTRALIA

The Peake Project is located in the NE Gawler Craton, prospective for large-scale copper (IOCG) deposits. Until 2022 the area has been previously underexplored as the age of the potential deposit-forming rocks was 50Ma younger than IOCG examples elsewhere in the Gawler Craton.

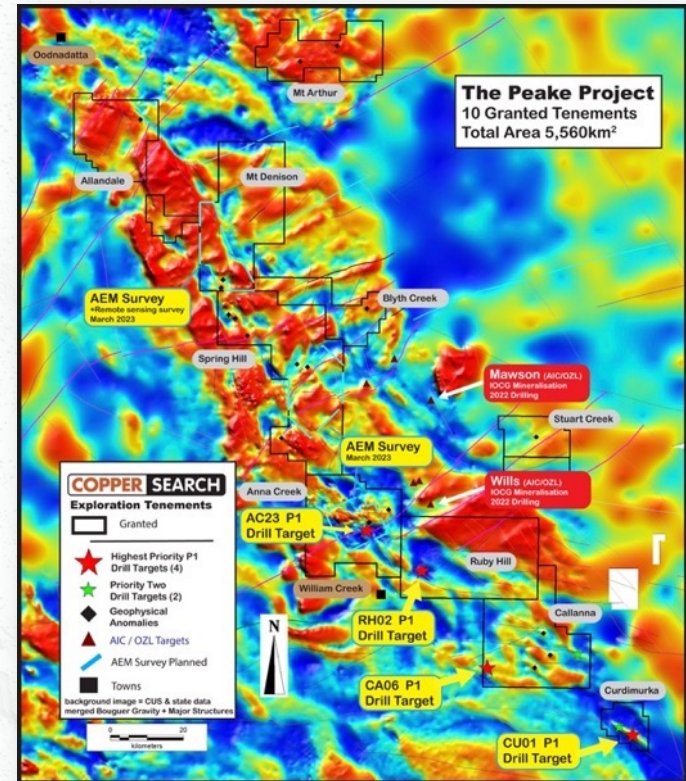
However, in 2022 that view changed...

About The Peake Project

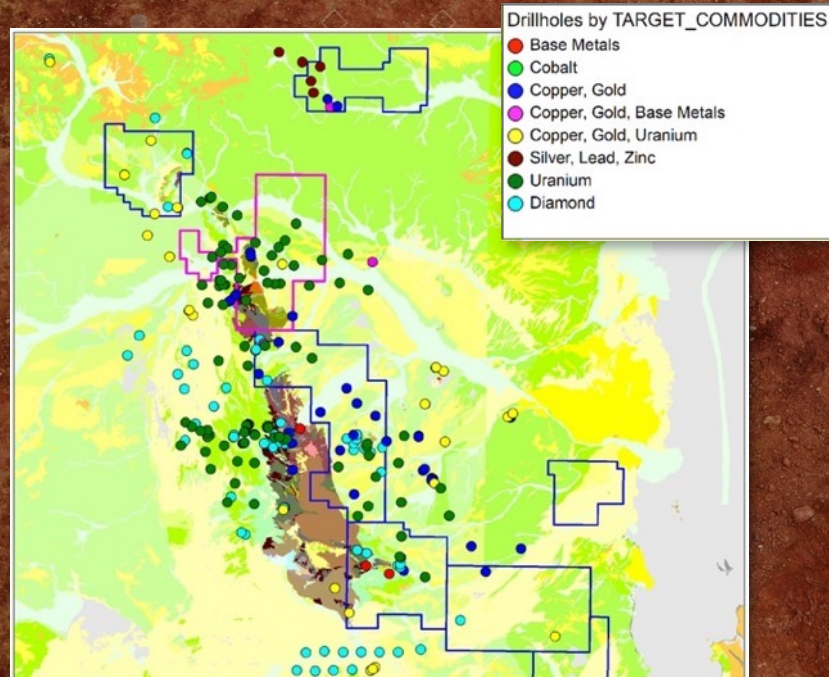
- Adjacent explorer funded by OZ Minerals confirmed prospectivity for Cloncurry-style IOCG mineralisation in drilling (ASX: DRM 5 October 2022)
- An underexplored region with recent government airborne geophysics surveys has allowed the identification of new opportunities
- Prospective for Cloncurry age & style of IOCG and ISCG deposits
- Six priority drill targets confirmed to date from CUS geophysics surveys

Upcoming Exploration Activities and Reports

- Drilling four (4) high-priority P1 drill targets to commence shortly
- Results of AEM geophysics survey of ~1,500 line km over three zones
- Results of a near-miss analysis program of historical drill holes
- Results of a satellite remote sensing survey for alteration halos of deposits
- Ongoing district-wide target definition activities
- Fully funded with \$7.4m cash at bank (Dec'22 Quarterly)



LARGE EXPLORATION SPACE



Historical Drill Collars by Commodity

Public available data, historical drill holes by commodity - sourced State Government website

5,560 km² project area

Under-explored

28 basement drill intersections

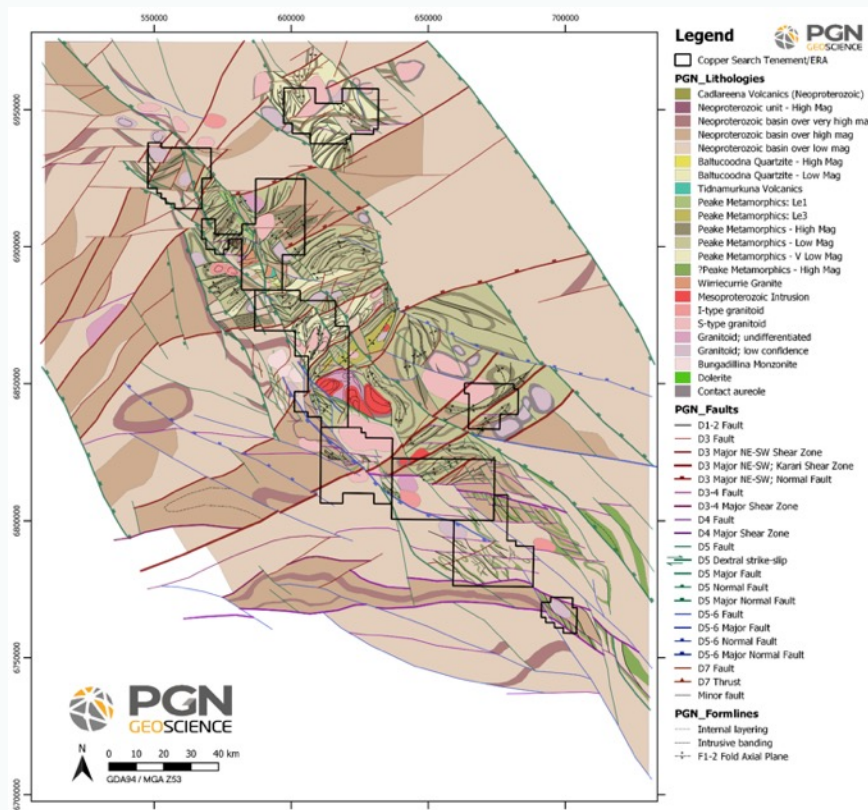
= 1 drill hole per 200 km²

Only 46 soil samples in total
with over >500km² outcrop*

**satellite remote sensing survey underway to fast-track targeting*

EXPLORATION APPROACH – LITHO-STRUCTURAL ANALYSIS TO NARROW THE FOCUS

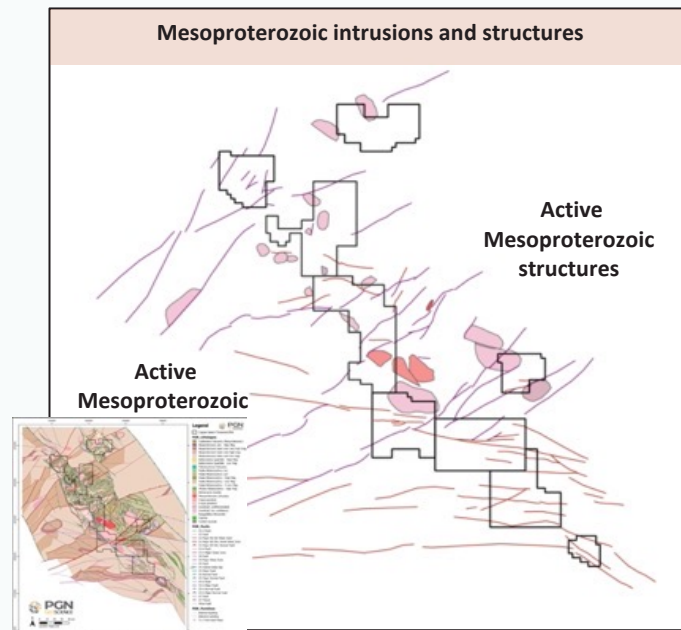
- The 2019 SA Government funded Gawler Craton Airborne Survey (GCAS) flown at 200m flight line spacing allowed much greater detailed interpretation to be undertaken than previously possible.
- A litho-structural interpretation of the Peake & Denison Ranges was completed by well-regarded PGN Geoscience, using a combination of various data sources, including high-resolution geophysical datasets and available geologic, geochronologic, and drillhole data.
- 73 intrusions identified
- Paleo-Mesoproterozoic inliers are largely buried beneath Neoproterozoic & younger basin cover with limited outcrop.
- Seven generations of structures indicate a protracted deformation history with multiple reactivation events from the Paleoproterozoic to Cambrian.
- ***Multiple structural and lithological factors present a favourable setting for potential IOCG mineralisation.***



CUS PRIMARY TARGETING METHODOLOGY

– RANKING SYSTEM

The most significant conclusion of the 2022 project review narrowed the exploration search space to structural corridors associated with deep-tapping Mesoproterozoic faults and Mesoproterozoic intrusive rocks, which have been demonstrated to be crucial to forming IOCG deposits in other districts (e.g. Olympic Domain, Gawler Craton, Cloncurry District in QLD).

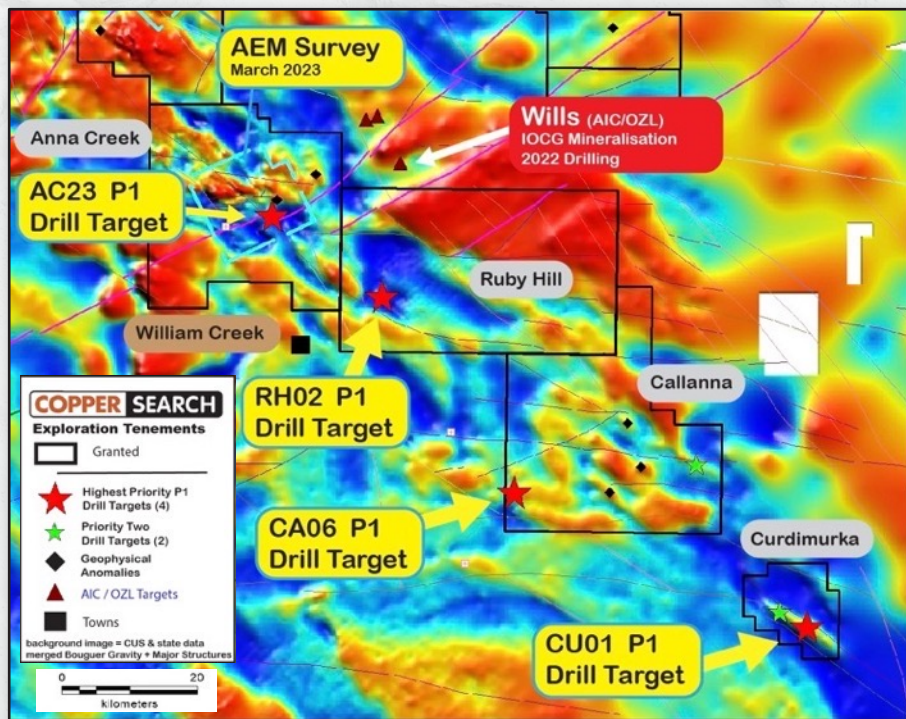


Proximity to Mesoproterozoic (the right age) D3-D4 structures and intrusions is the best setting for IOCGs to be emplaced and, hence, the best corridors to focus exploration efforts.

TARGET RANKING CRITERIA FOR IOCG DEPOSITS

- ✓ Proximity to the right age structures
- ✓ Gravity anomaly
- ✓ Magnetic anomaly
- ✓ Depth to target – the economics of mining
- ✓ IP anomaly – subject to overlying ground conditions
- ✓ Logistics & costs
- ✓ EM anomaly - for ISCG style deposits only

DRILL TESTING HIGH-PRIORITY DRILL TARGETS



Upcoming Exploration Activities

- Drilling four (4) high-priority P1 drill targets to commence within a month

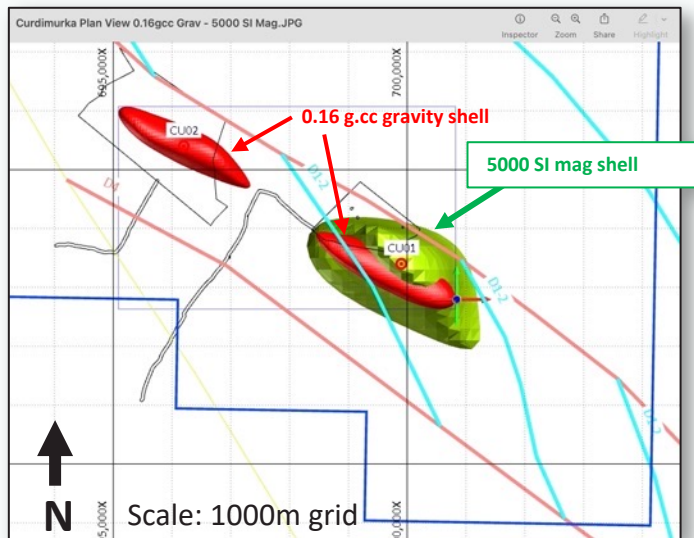
Upcoming Results in April

- Results of a near-miss analysis program of historical drill holes
- Results of a satellite remote sensing survey for alteration halos of deposits over Mt Denison Tenement
- Results of the recently completed 1500 line-km Airborne EM (AEM) survey
- Drilling results ongoing through the program

HIGH-PRIORITY DRILL TARGETS

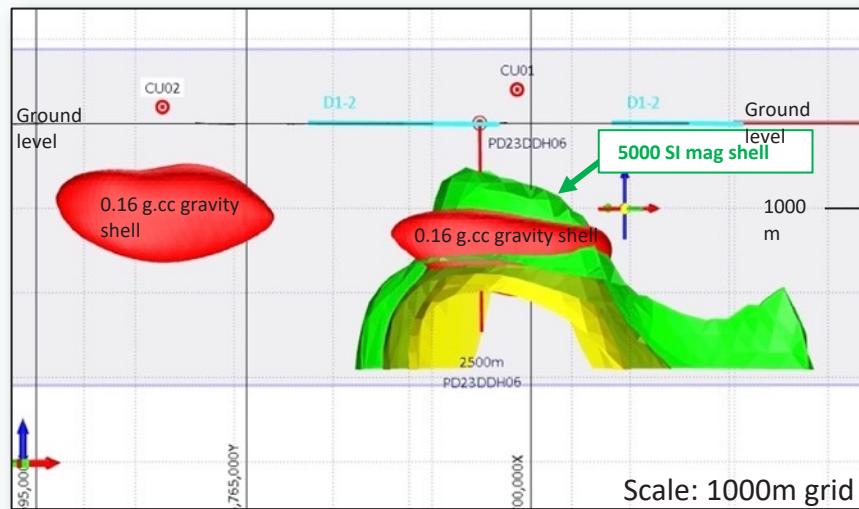
Drill Target	Priority (P1-P2)	Gravity (mGal)	Magnetic Response (SI x10 ⁻⁵)	Modelled Size of highest gravity iso-shell (width x length x thickness)	Depth to Top of modelled highest density (m)	Description
AC23	P1	3.8	weak	800 x 1400 x 1300 m	230 m	Along structure on the Karari Shear zone from Wills Prospect – known IOCG mineralisation
CU01	P1	5.1	6,000	600 x 2000 x 900 m	1,100 m	Best target – but deep, co-incident gravity-magnetics, in excellent structural setting, strong mGal value
RH02	P1	1.7	8,000	320 x 360 x 400 m	480 m	Obvious co-incident Grav-Mag
CA06	P1	2.3	1,000	650 x 1300 x 1500 m	150 m	Discrete gravity feature
Phase Two Drill Program						
CU02	P2	4.4	weak	500 x 2100 x 1000 m	550 m	Twin to CU01, less magnetic
CA05	P2	3.0	1,000	300 x 450 x 700 m	470 m	Co-incident Grav-Mag

CURDIMURKA DRILL TARGETS (CU01 & CU02)



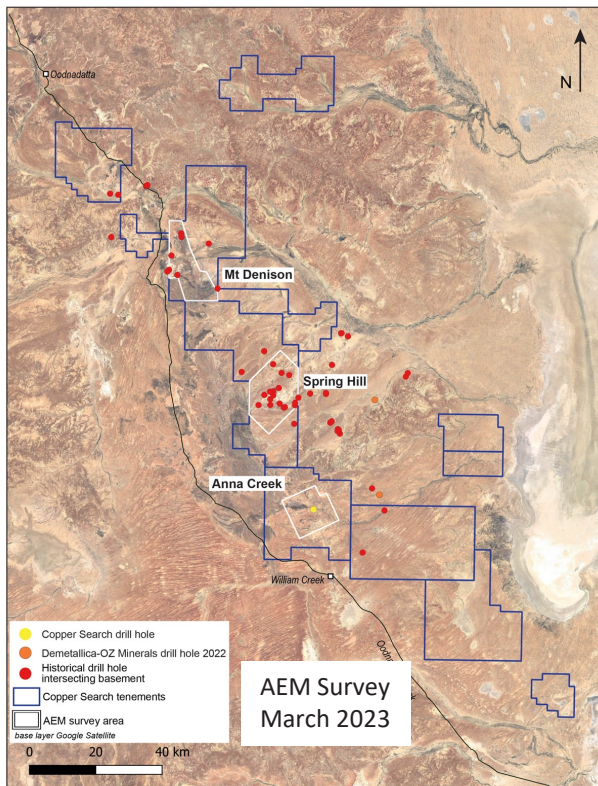
Plan View CU02 and CU01

Long Section View NW-SE of CU02 and CU01



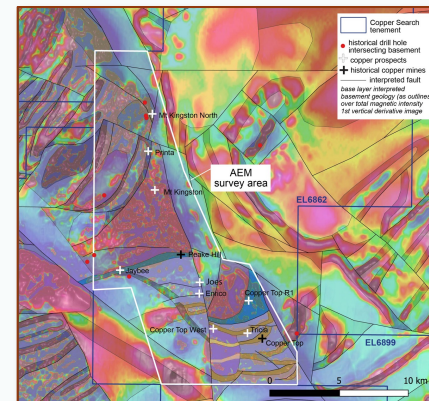
DISTRICT WIDE DRILL TARGET IDENTIFICATION PROGRAM

AEM GEOPHYSICS SURVEY, REMOTE SENSING, MAPPING, NEAR-MISS ANALYSIS



Regional programs to identify potential drill targets in the northern half of the Peake Project to be conducted in parallel to drill testing high-priority IOCG targets:

- 1,500 line-km airborne electromagnetic (AEM) geophysical survey has recently been completed over three (3) areas in the northern half of the Peake Project to identify potential shear-hosted ICSG-style deposits, results in April
- WorldView3 satellite to capture detailed multi-spectral remote sensing data, which can identify areas of alteration in outcropping terrain and be used as a vector towards mineralisation at depth, results in April
- Detailed near-miss analysis of historical drill holes is ongoing



SUMMARY – COPPER SEARCH – IN ONE PAGE

IOCG - Copper Focus – The Peake Project, South Australia

- 5,560km² prospective IOCG ground position in the emerging Peake & Denison geological domain, recently confirmed as equivalent to the copper-rich Cloncurry District in Queensland by adjacent explorer funded by OZL, intersecting Ernest Henry-style IOCG copper mineralisation in drilling (ASX: DRM/A1M 5 October 2022)
- CUS has a strong geoscience team with jurisdictional expertise and a track record of IOCG discovery
- Six priority drill targets confirmed with detailed infill geophysics surveys completed in 2022 and early 2023
- A heritage survey has cleared all six targets for drilling
- Late March - final government drilling permits are expected to be received, and drilling to follow soon after
- Ongoing district-wide target definition activities; remote sensing, AEM surveys, surface geo-chem sampling etc
- Fully funded with \$7.4m cash at bank (Dec'22 Quarterly)

Upcoming Exploration Activities and Results New Flow

- Drilling four (4) high-priority P1 drill targets (to commence in a few weeks time, expected completion in winter)
- Airborne EM geophysics survey of ~1,500 line km over three zones recently completed, results in April
- Results of a near-miss analysis program of historical drill holes, due in April
- Results of a satellite remote sensing survey for alteration halos of deposits over Mt Denison Tenement, due April

DISCLAIMER, JORC INFORMATION & COMPETENT PERSONS STATEMENT

This presentation has been prepared by Copper Search Limited (Copper Search). This document contains background information current at the date of this presentation. The presentation is in summary form and does not purport to be all-inclusive or complete. Recipients should conduct their own investigations and perform their own analyses in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this presentation. This presentation is for information purposes only. Neither this presentation nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sales of shares or other securities in any jurisdiction. This presentation is not a prospectus, product disclosure statement or other offering documents under Australian law (and will not be lodged with the Australian Securities and Investments Commission (ASIC) or any other law. This presentation does not constitute investment or financial product advice (nor tax, accounting or legal advice) and has been prepared without taking into account the recipient's investment objectives, financial circumstances or particular needs and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities involve risks that include (among others) the risk of adverse or unanticipated market, financial or political developments. To the fullest extent permitted by law, Copper Search, its officers, employees, agents and advisors do not make any representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of any information, statements, opinions, estimates, forecasts or other representations contained in this presentation. No responsibility for any errors or omissions from this presentation arising out of negligence or otherwise is accepted. This presentation may include forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Resolution. Actual values, results or events may be materially different to those expressed or implied in this presentation. Given these uncertainties, recipients are cautioned not to place reliance on forward-looking statements. Any forward-looking statements in this presentation speak only at the date of issue of this presentation. Subject to any continuing obligations under applicable law, Resolution does not undertake any obligation to update or revise any information or any of the forward-looking statements in this presentation or any changes in events, conditions, or circumstances on which any such forward-looking statement is based.

JORC Information

This report includes results that have previously been released under JORC 2012 by the Company Additional details including JORC 2012 reporting tables, where applicable can be found in the following relevant announcements lodged with the ASX and the Company is not aware of any new data or information that materially affects the information included in the announcements listed: 13/2/2023 "Investor Presentation – RIU Fremantle 2023" – 13/2/2023. Regional data from the South Australian Government SARIG website has been sourced from public data.

Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Duncan Chessell who is a member of the Australasian Institute of Mining and Metallurgy and Australian Institute of Geoscientists. Mr Chessell is a full-time employee of the company. Mr Chessell holds Shares, performance rights and Options in the Company as has been previously disclosed. Mr Chessell has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Chessell consents to the inclusion in the report of the matters based on his information in the form in which it appears.

Project Ownership

All tenements are 100% owned with no encumbrances, held in 100% owned subsidiary Copper Search Australia Pty Ltd. All Tenements granted.



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Authorised for release by Duncan Chessell, CEO of Copper Search Limited