



ASX Code: CPM

## Cooper Metals Limited

Australian focused copper and  
gold explorer

### Investor Presentation

Cloudbreak Wealth Small Caps Conference  
3 March 2023

Managing Director: Ian Warland



# Disclaimer

## **This presentation has been prepared by Cooper Metals Limited (Cooper Metals)**

This document contains background information about Cooper Metals 's current situation 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 analysis 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 document 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 which include (among others) the risk of adverse or unanticipated market, financial or political developments. Details regarding the risks associated with an investment in the Company will be set out in the Prospectus.

To the fullest extent permitted by law, Cooper Metals , 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 are 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 Cooper Metals . 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. No representation is made that, in relation to the tenements the subject of this presentation, Cooper Metals has now or will at any time the future develop resources or reserves within the meaning of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves

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, Cooper Metals 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.

Due care and attention has been taken in the preparation of this presentation. However, the information contained in this presentation (other than as specifically stated) has not been independently verified nor has it been audited Accordingly, Cooper Metals does not warrant or represent that the information contained in this presentation is accurate or complete. To the fullest extent permitted by law, no liability, however arising, will be accepted by Cooper Metals or its directors, officers or advisers, for the fairness, accuracy or completeness of the information contained in this presentation

# Corporate Snapshot

**ASX Code:** CPM

**Share Price:** \$0.29<sup>1</sup>

**Shares On Issue:** 46.2M

**Market Cap (undiluted):** ~\$13.4M

**Cash Position:** ~3.0M<sup>2</sup>

**Options:** 9.5M

## Major shareholders

Top 20	~51%	(Ilwella 5%)
Board	~12%	



## Share price performance since listing on 19th November 2021



Source: commonwealth securities 28<sup>th</sup> Feb 2023

# Board of Directors



## **Michael Frayne – Chairman**

- » Michael is a qualified accountant and geologist with 30 year's experience in the resource and finance sectors. He has provided corporate management and advice to numerous resource, commodity and energy companies, the majority of which have been listed on AIM and the Australian Stock Exchange, with projects in Australia, Africa, Asia, North and South America. Michael was founder of Capital Metals in 2015, which was incorporated for the purpose of exploring, assessing and developing the Eastern Minerals Project in Sri Lanka.



## **Ian Warland – Managing Director**

- » A highly experienced and successful geologist with 30 years' experience in Australia and internationally over a wide range of commodities. Notably, a career highlight, was being joint recipient for "Explorer of the Year" in 2006 for the discovery of the Jacinth and Ambrosia zircon-rich mineral sand deposits. Ian holds a Bachelor of Applied Science Geology with First Class Honours and university medal from the University of Technology Sydney. He also has a Graduate Diploma of Applied Finance and Investment and an Associate Diploma in Environmental Control. In the last ten years Ian has worked primarily in the junior exploration sector as a geological consultant and in senior management positions for Musgrave Minerals and Marmota. After leading Twenty Seven Co Ltd as their CEO for the last three years, Ian is now Managing Director of Cooper Metals.



## **Tim Armstrong – Non-Executive Director**

- » Institutional financial advisor with Prenzler Group in Sydney with an extensive network across the financial PR, stock broking and investment banking industries in Australia and the UK. Previously worked in financial PR in Perth/London, which entailed advising numerous listed and private companies. He started his career in professional sport and spent five years as a first-class cricketer.



# Copper Critical to Clean Energy and EV Technology



With the shift to clean energy copper is the cornerstone for all electricity-related technologies



More copper is required for use in electricity networks, motors and transformers to solar and wind energy systems



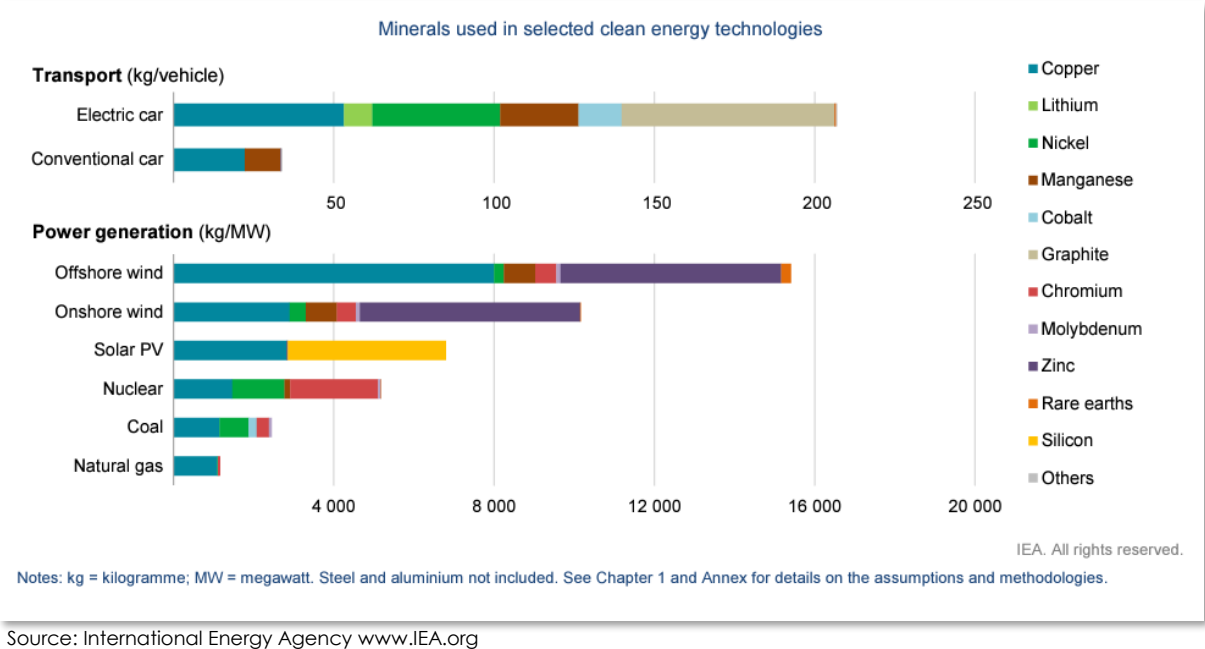
Copper is used throughout electric vehicles, charging stations and supporting infrastructure because of the metal's durability, high conductivity and efficiency making it difficult to substitute



A typical EV requires six times the mineral inputs to a conventional car, and over double the copper

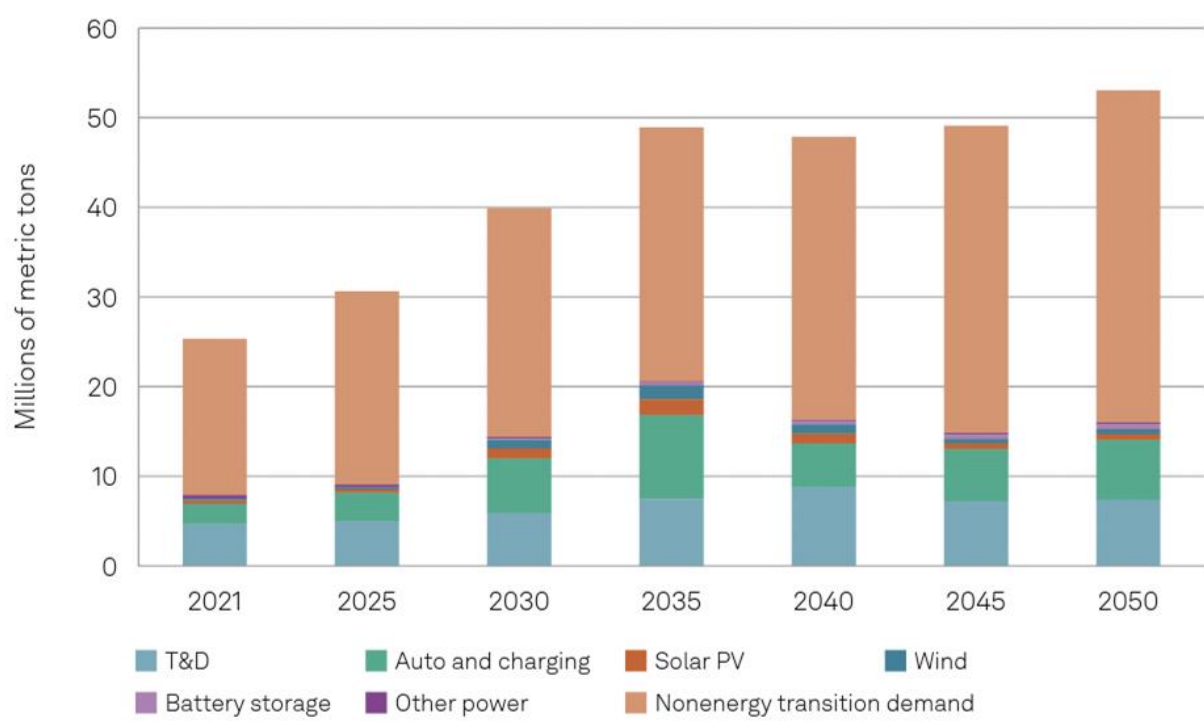


Of the nine critical minerals identified by the International Energy Agency (IEA) needed for clean energy technologies, copper is the most important



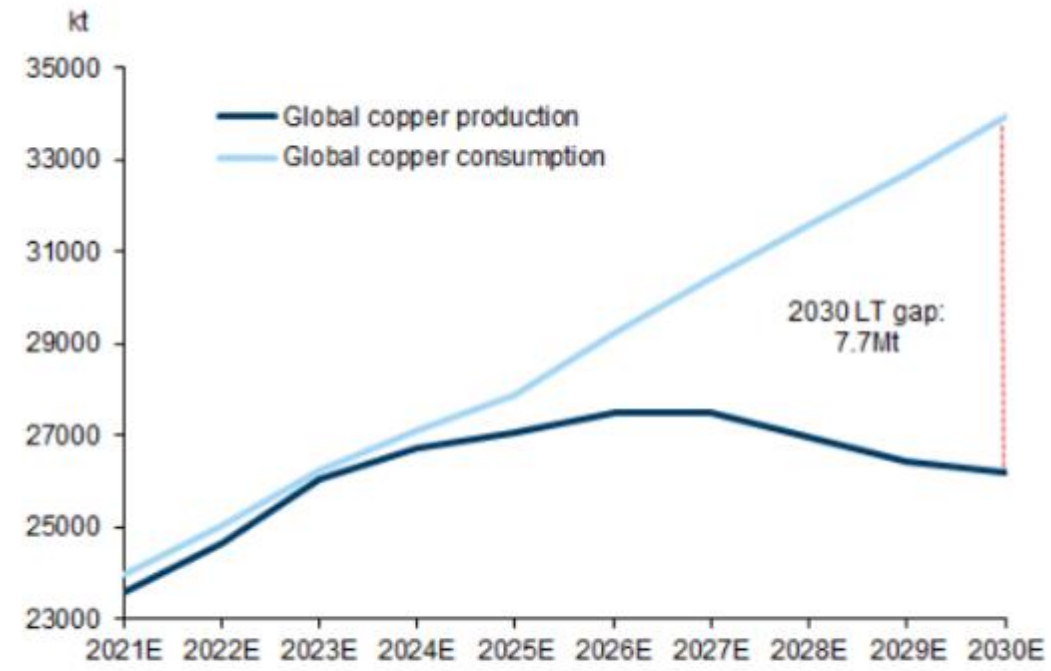
# Copper Market of the future

Global refined copper usage to almost double in 15 years



Note: Based on S&P Global's Multitech Mitigation scenario; US values are adjusted to align with Biden administration's net-zero ambitions. T&D = transmission and distribution; PV = photovoltaics; other power includes conventional generation (coal, gas, oil, and nuclear), geothermal, biomass, waste, concentrated solar power, and tidal.  
Source: S&P Global analysis

Long term supply gap now projected at over 8mT by 2030



Source: Woodmac, Goldman Sachs Global Investment Research



# Project Summary

## Three Project areas – Qld & WA

### Yamarna Gold Project - WA

- Along strike from Gold Road JV Resources 6.16 Moz Gruyere gold deposit<sup>1</sup>

### Gooroo Cu-Au Project - WA

- 20km from Silver Lake's Deflector Mine (1.28m oz Au @ 13.2 g/t)<sup>2</sup>
- 26km of unexplored greenstone belt



### MT Isa East Cu-Au Project - Qld

- World class Mt Isa Inlier
- Large tenement package close to infrastructure
- Highly prospective for IOCG, ISCG and shear hosted Cu-Au

# Mt Isa East Copper Gold Project- Qld

## World Class copper-gold province



Large Project area of ~1 600 sqkm of tenure in the prospective Mt Isa Inlier, proximal to several recent Cu-Au discoveries



Several small to medium, high-grade Cu +/- Au deposits in the area i.e., Duchess, Tick Hill, Leichhardt & Barbara (4.7mt @ 1.6% Cu & 0.15 g/t Au)<sup>1</sup>



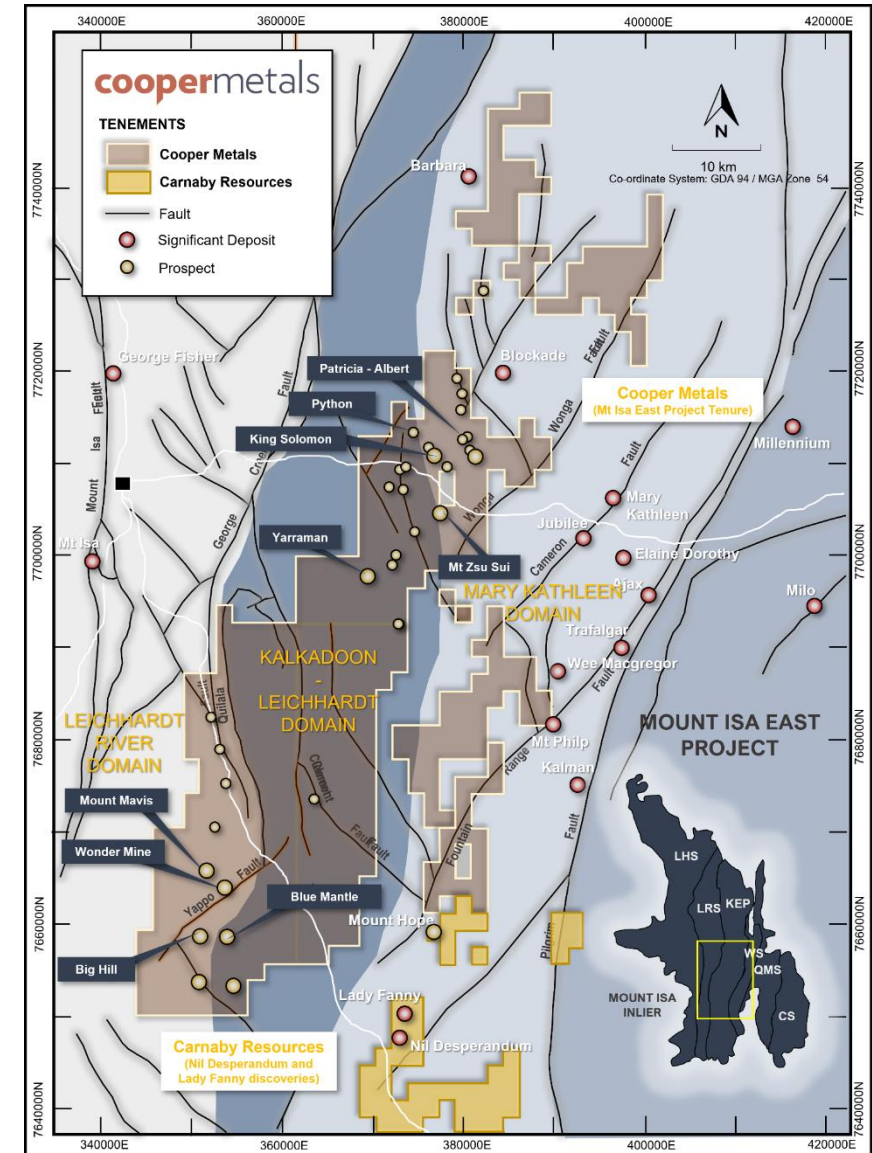
**Carnaby Resources (ASX:CNB) recent success at Nil Desperandum Lady Fanny, and Mt Hope highlight the potential of the region principally the Mary Kathleen Domain**



Cooper's ground has many significant Cu occurrences that have had **no follow-up drilling** since the mid 1990's



Cooper's recent drilling at King Solomon has intersected significant shallow copper and gold mineralisation

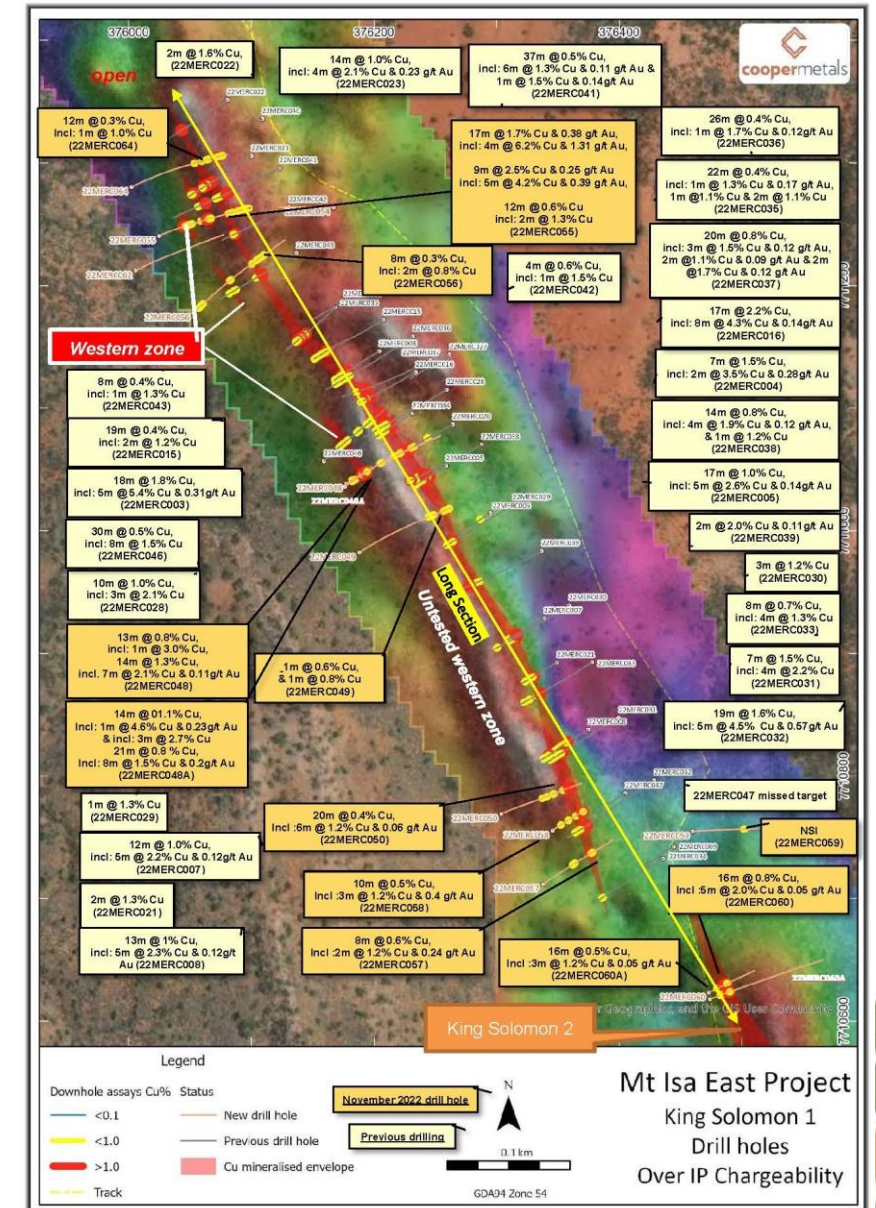




# King Solomon drilling program delivers significant Cu-Au

## Significant shallow copper & gold mineralisation intersected

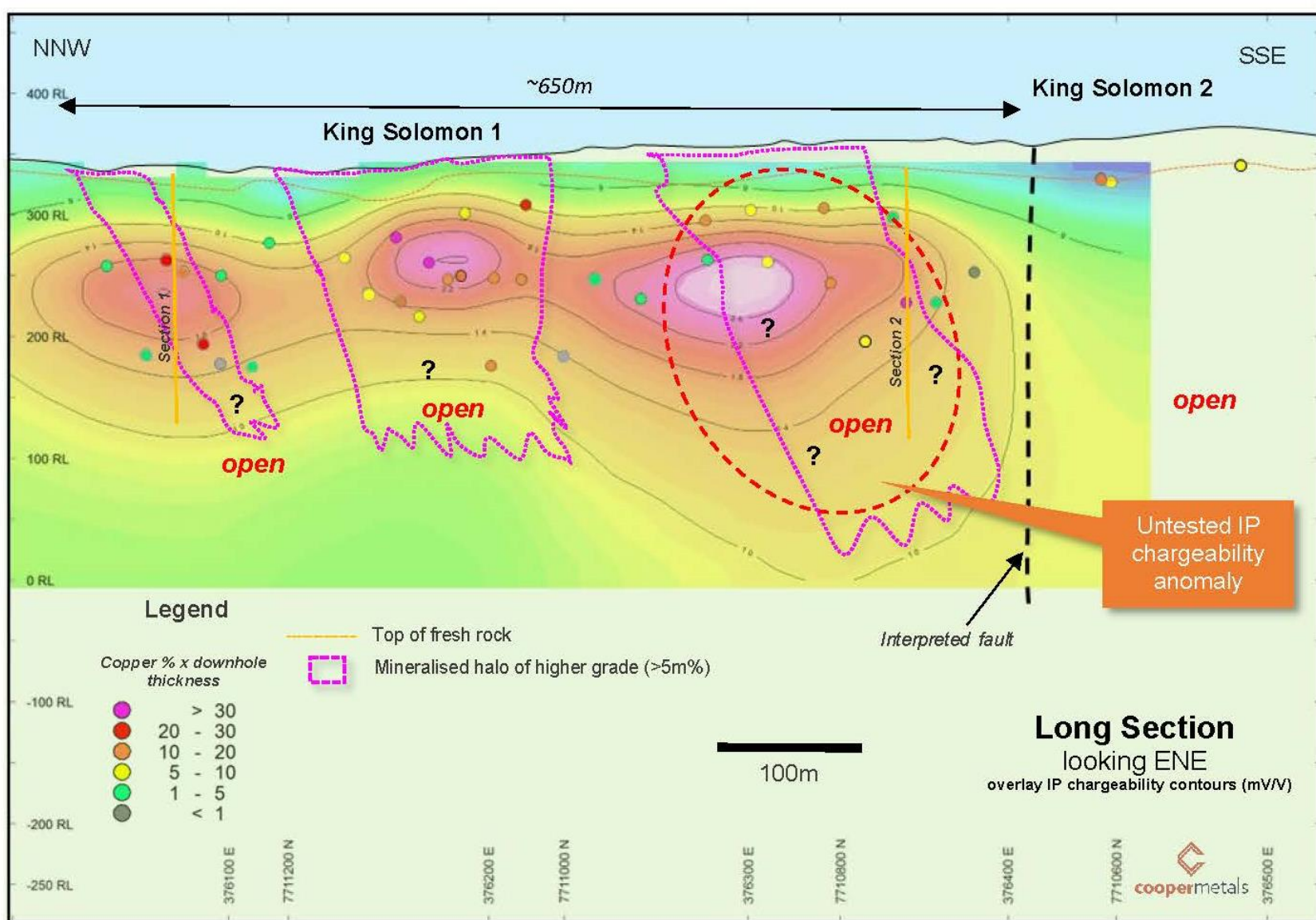
- 63 RC drillholes for ~ 7,400m have been completed at King Solomon prospect in 2022, testing beneath historical workings and IP chargeability anomalies
- A large IOCG system indicated from broad zones of low-grade copper mineralisation, magnetite and pyrite alteration with higher grade core centered around the host shear zone
- Significant results from King Solomon 1 include:
  - 19m @ 1.6% Cu & 0.21g/t Au from 123m, incl: 5m @ 4.5% Cu & 0.57g/t Au (22MERC032)
  - 17m @ 2.2% Cu & 0.07 g/tAu from 84m incl: 8m @ 4.3% Cu & 0.14g/t Au (22MERC016)
  - 18m @ 1.8% Cu & 0.11g/t Au from 57m, incl: 5m @ 5.4% Cu & 0.31g/t Au (22MERC003)
  - 17m @ 1.7% Cu & 0.38g/t Au from 49m incl: 4m @ 6.2% Cu & 1.31g/t Au (22MERC055)
  - 9m @ 2.5% Cu & 0.25g/t Au from 94m incl: 5m @ 4.2% Cu & 0.39g/t Au (22MERC055)
  - 14m @ 1.3% Cu & 0.07g/t Au from 97m, incl: 7m @ 2.1% Cu & 0.11g/t Au (22MERC048)
  - 17m @ 1.0% Cu & 0.04g/t Au from 31m incl: 5m @ 2.6% Cu & 0.12g/t Au (22MERC005)
  - 7m @ 1.5% Cu & 0.11 g/t Au from 40m incl: 2m @ 3.5% Cu & 0.28 g/t Au (22MERC004)
  - 7m @ 1.5% Cu & 0.16g/t Au from 107m incl: 4m @ 2.2% Cu & 0.26g/t Au (22MERC031)
  - 14m @ 1.0% Cu & 0.09g/t Au from 76m incl: 4m @ 2.1% Cu & 0.23g/t Au (22MERC023)





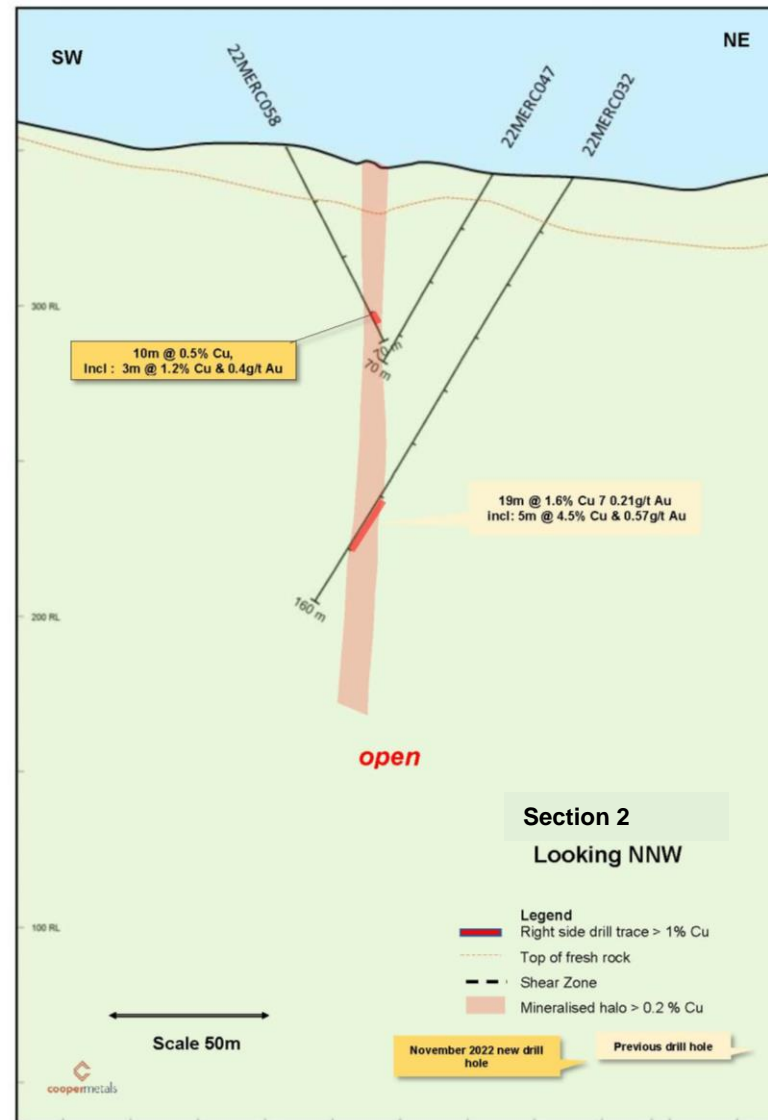
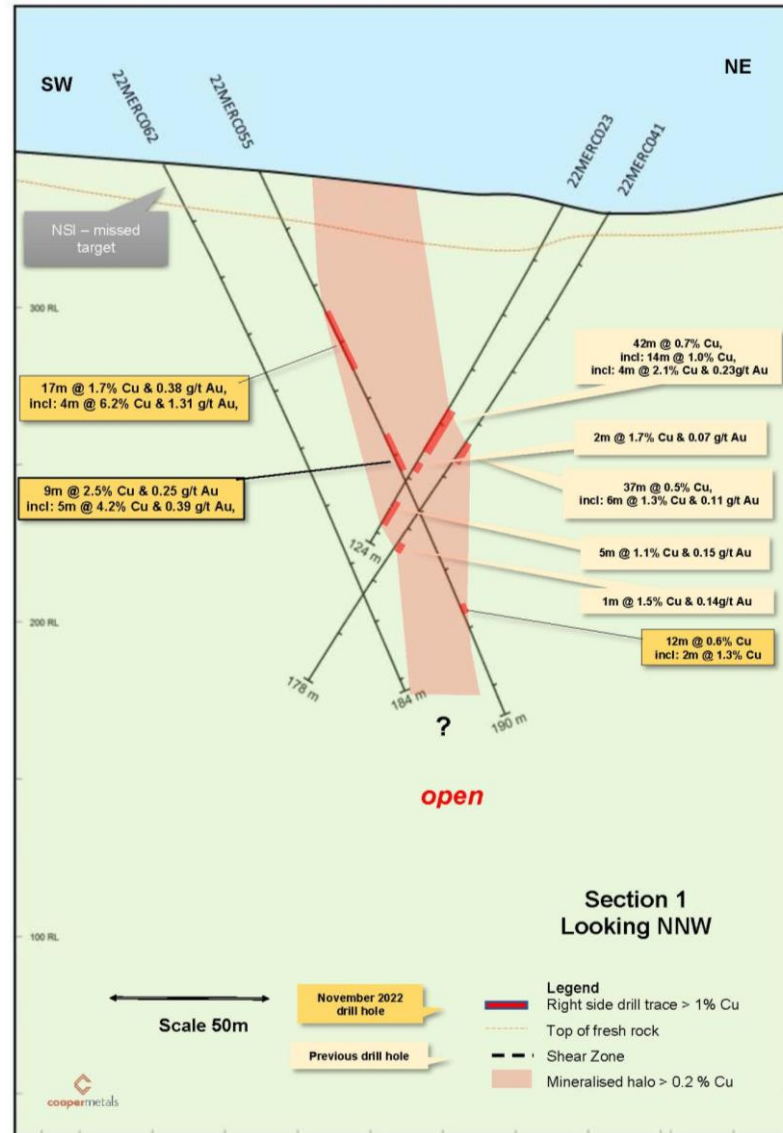
# King Solomon 1 Long section

Three higher grade plunging copper-gold shoots identified at King Solomon 1 remain open at depth



# King Solomon 1 Selected Cross Sections

High grade copper-gold vein within a broad lower grade envelope





# Ardmore Tenement (EPM19125)

## Along Strike from Carnaby Resources (ASX:CNB) Mt Hope Prospect



EPM19125 along strike from Carnaby's interpreted IOCG corridor (ASX: CNB) , and proximal to the significant Fountain Range Fault



Cooper's previous rock chip sampling identified a prospective **1.8km north trending** shear zone developed along the contact between mafic rocks and the Corella Formation, with assays including:

- **17.25% Cu & 0.3g/t Au (MER096)**
- **4.69% Cu & 0.15 g/t Au (MER094),**
- **3.78% Cu & 0.04 g/t Au (MER095), and**
- **1.86% Cu & 0.84 g/t Au (MER097)**

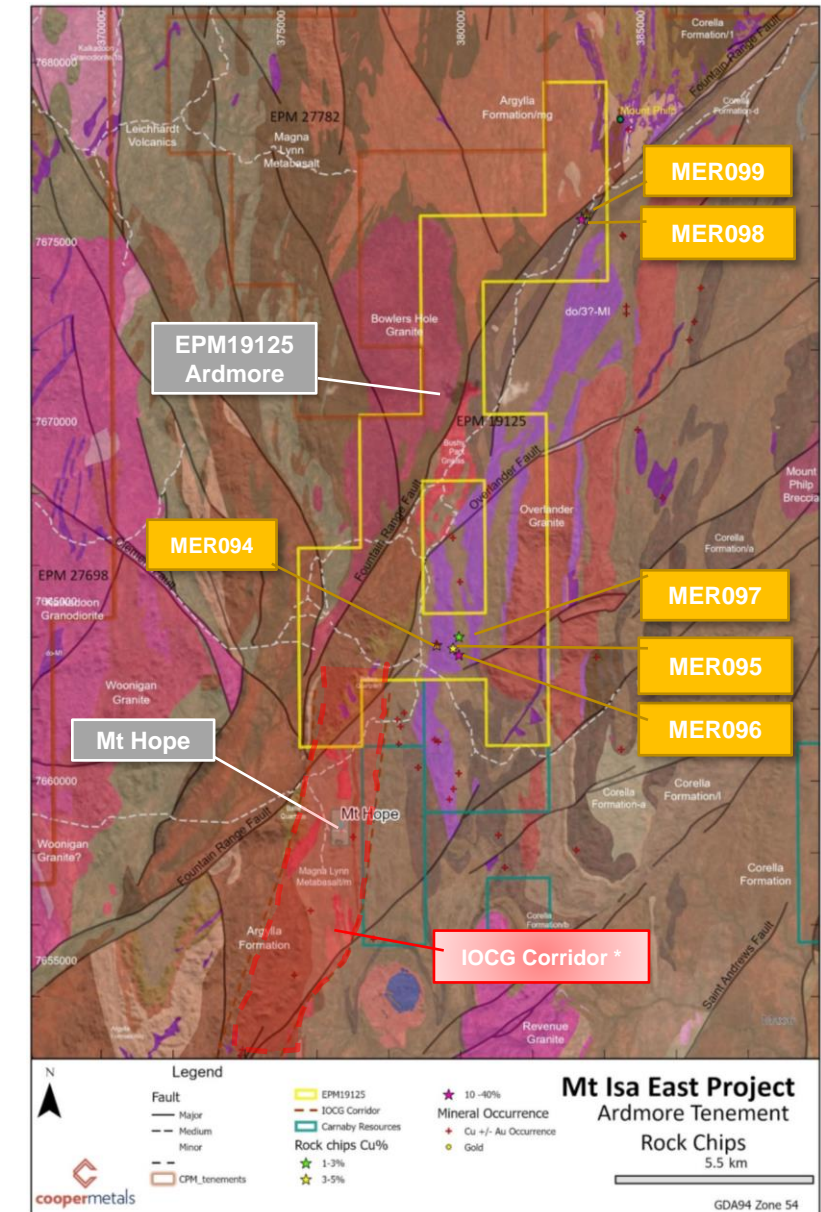


In the north prospecting pits returned samples including:

- **17.3% Cu & 0.4 g/t Au (MER098), and**
- **2.41% Cu & 0.26 g/t Au (MER099)**



Fieldwork is in progress at Ardmore focusing on mineralised areas including geochemical sampling and mapping





# Multiple Cu-Au Prospects and targets to follow-up

Untested by previous drilling



**Yarraman** - extensive historical Cu in soil anomaly centered around Yaraman workings (two shafts) and Cooper rock chip sample **MER057** returned **3.31% Cu** from a sample near the shaft



**Sylvia May** - two historical pits in the Argylla Formation, **MER087** returned **1.45% Cu** and **0.05ppm Au** from mineralisation in the pit wall. Prospective Cu-Au trend identified from Sylvia May to John Bull prospect ~800m to the south-east



**Scorpion historical mine** – small open pit in the Corella Formation with rock chip samples returning **5.92% Cu** and **0.42g/t Au** from narrow veins in mafic rock



Multiple VTEM anomalies identified in 2022 survey



Yarraman Workings



Sylvia May Workings



Scorpion Historical Mine



VTEM Survey

# Gooroo Cu-Au Project - WA

## Extensive unexplored Greenstone Belt



Cooper is targeting Orogenic gold and copper-gold in the Gullewa Greenstone Belt



20km south of Silver Lakes Deflector mine (**1.2\* Moz Au @ 13.5 g/t & 3Mt @ 0.8% Cu**)<sup>1</sup> and nearby to Recharge Metals Ltd (ASX: REC) Brandy Hill South prospect



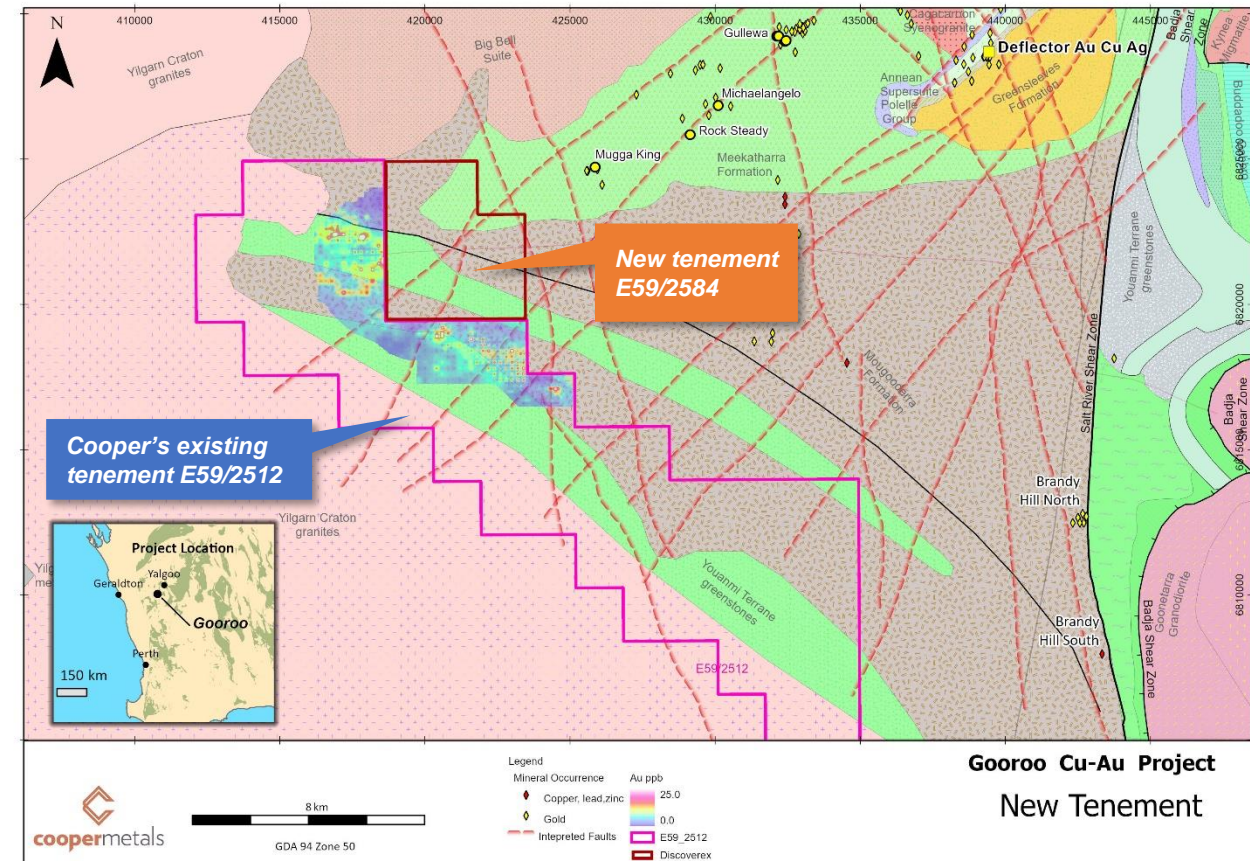
Binding Term Sheet for new tenement E59/2584 signed 28 February 2023



Cooper's soil sampling identifies five gold anomalies for follow-up with the best one on the border of the new tenement



Fieldwork is underway to ground truth the gold anomalies and auger drilling is planned to search areas under cover



Location of the Gooroo Project on simplified geology (GSWA 2020)



# Gooroo Cu-Au Project - WA

## Five gold in soil anomalies identified

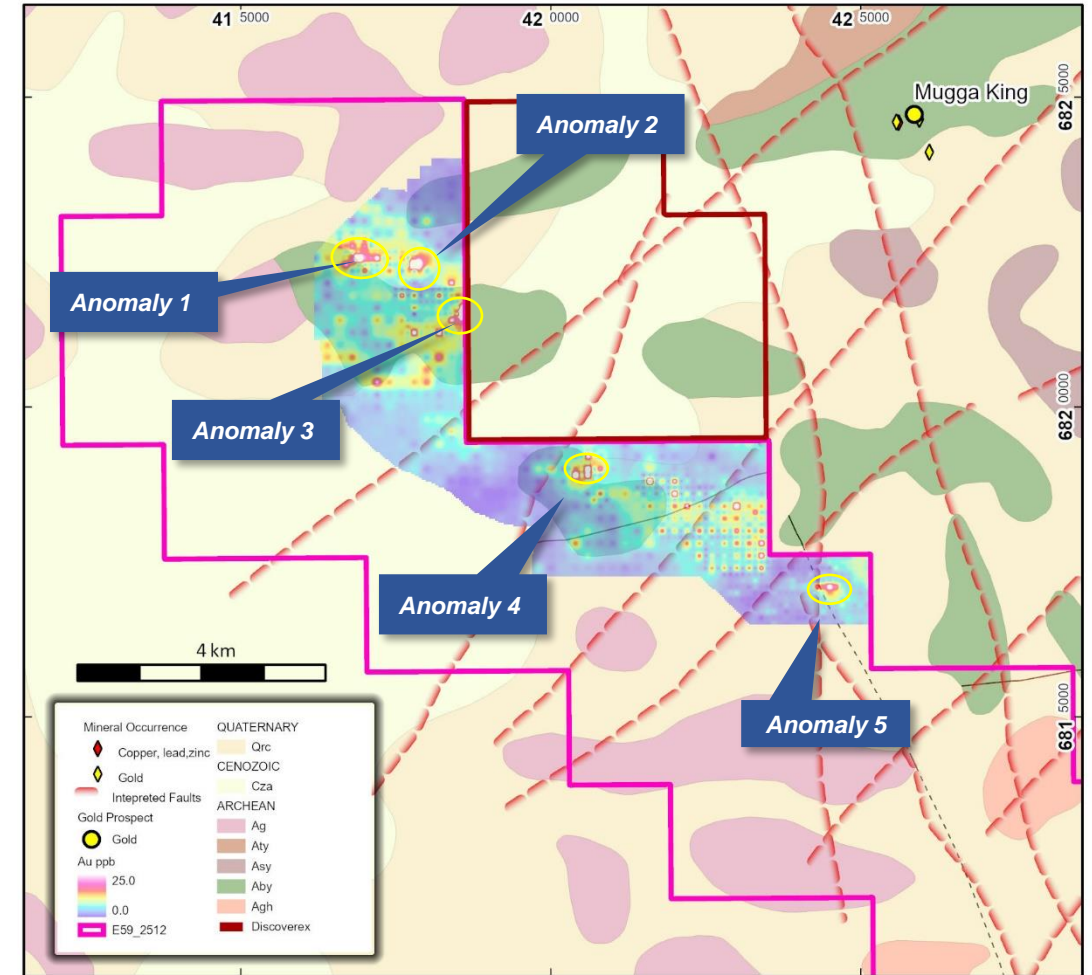


Five priority areas are identified for follow up :

- Anomaly 1: occurs over subcropping greenstone and also has anomalous As and Au with peak value of 11.2 ppb Au
- Anomaly 2: occurs over subcropping greenstone and also has anomalous As and Au with peak value of 15.1 ppb Au
- Anomaly 3: has a maximum value of 24.7 ppb Au and occurs over mafic rocks close to a NNE trending fault
- Anomaly 4: is a tight cluster of gold anomalism over mafic rocks, close to a NE trending structure, with peak value of 6.7 ppb Au
- Anomaly 5: in the SE of the grid area is a tight cluster of anomalous gold samples in close to structurally complex zone of intersecting faults, with a peak value of 5.5 ppb Au



Detailed airborne magnetic survey to start shortly to improve geological and structural targeting model



Cooper soil sampling result for gold (ppb) against GSWA surface geology (1million)

# Cooper Metals - Key Takeaways



RC drilling intersects significant shallow Cu-Au mineralisation at King Solomon 1 with 650m strike length and remains open at depth



New tenement granted increases holding to ~1 600 sqkm with multiple Cu-Au targets to follow-up in 2023 at Mount Isa East



Fieldwork is underway at Cooper's Ardmore tenement just north of Carnaby's Mt Hope, geochemical sampling and mapping to be followed by geophysics



Significant gold in soil anomalies identified on the newly expanded Gooroo Cu-Au Project. Geochemical and airborne geophysical surveys underway with drilling later in 2023



Modest market cap with tightly held shares = potential for significant rerating of share price associated with positive exploration results



# Thank you & Questions

## Contacts

**Ian Warland**

Managing Director

+61 410 504 272

[ian@coopermetals.com.au](mailto:ian@coopermetals.com.au)

## Registered Office

Level 11, 216 St Georges Tce

Perth 6000 WA

[www.coopermetals.com.au](http://www.coopermetals.com.au)

**Cooper Metals Ltd**

ACN: 647 594 956

This announcement has been approved and authorised to be given to the ASX by the Board of Cooper Metals Limited.



# References & Competent Person Statement



## References ( For more details including and Table 1 Information refer to the following ASX announcements below)

ASX:CPM: 28 February 2023:Cooper Metals expands the Gooroo Cu-Au Project

ASX:CPM: 27 February 2023 :Large tenement granted at Mt Isa East Cu-Au Project contains priority Cu-Au target areas

ASX: CPM: 14 February 2023: Exploration restarts on the Ardmore Tenement at the Mt Isa East Cu-Au Project

ASX:CPM: 7 February 2023: Gold anomalism extended at Gooroo Project

ASX: CPM: 30 January 2023: December 2022 Quarterly Activities Report

ASX:CPM: 11 January 2023: King Solomon copper-gold prospect final drilling results

ASX: CPM: 9 December 2021: Further strong assay results from Mt Isa East Cu-Au Project

ASX: CPM: 30 June 2022: Multiple VTEM conductors identified at Mt Isa East Cu-Au Project

ASX: CPM: 12 July 2022: IP identifies new targets at King Solomon Cu-Au prospect



## Competent Person Statement

The information in this report that relates to Geological Interpretation and Exploration Results is based on information compiled by Ian Warland, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Warland is a Director of Cooper Metals. Mr Warland 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Warland consents to the inclusion in the report of the matters based on his information and the form and context in which it appears.