

# **Welcome to the Helix Resources Ltd Webinar**

**9:30 am AWST / 11:30 am AEST - 9 May 2024**

**Mike Rosenstreich**  
**Executive Chair**

# Today's Webinar

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## Introductions

- Mike Rosenstreich – Executive Chair
- Kylie Prendergast – Managing Director

## Entitlements Offer

- Key terms and dates
- Rationale

## Cobar Copper & Gold Exploration Update

## Q & A

**Note** – a recording of this webinar will be available on the Helix Resources Investor Hub

# Key Terms

- **1 for 3 renounceable entitlement offer to raise up to \$2.3m**
- **Funds mainly for drill testing high-priority copper targets**
- **Offer focuses on existing shareholders:**
  - ✓ an issue price of 0.3 cents per New Share; and
  - ✓ with every two New Shares, one free attaching New Option exercisable at 0.6 cents with a term of 3 years and will be listed.
- **Entitlement offer is underwritten to \$1.5 million**
- **‘Renounceable entitlement’ - Rights trading closed Tuesday 7 May**
- **Rights holders can now:**
  - ✓ subscribe for their New Shares and attached options
  - ✓ may also apply for additional shares above their entitlement
- **Closing Date for subscriptions – 5:00 pm AWST 14 May, 2024**
- **Please consult the Company if you have questions**



Refer Prospectus dated 22 April 2024 and other information on the Helix Resources Investor Hub - <https://investorhub.helixresources.com.au/investment-offer/16>

# Rationale for Offer Structure

- **100% Entitlement Offer:** gives existing shareholders opportunity to participate, not be diluted and apply to increase their holdings
- **Pricing:** the Offer is keenly priced as an incentive for existing shareholders and to attract new investors, but through purchasing Rights
- **Amount Raised: \$2.3m (before costs)** is considered sufficient to drill test key targets, and with success get onto a discovery pathway. A clear new discovery, in a positive Cu-price setting, should add shareholder value
- **Underwriting:** the \$1.5m underwriting by Mahe Capital manages 'market risk' and means that Helix can go drilling (barring any 'Black Swan' events) regardless of the entitlement take-up



Refer Prospectus dated 22 April 2024 and other information on the Helix Resources Investor Hub -

<https://investorhub.helixresources.com.au/investment-offer/16>



**Helix Resources**  
**Investor Presentation**  
**Cobar Copper & Gold Hunt**

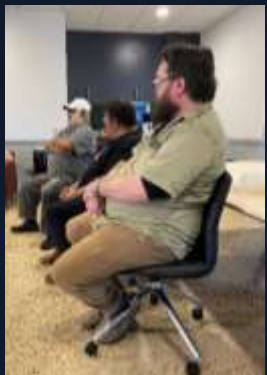
**Dr Kylie Prendergast**  
**Managing Director**  
**May 2024**



## Acknowledgement of Country

We would like to acknowledge the Traditional Owners of the Country on which we work to make mineral discoveries in Central Western NSW, the Wangaaypuwan, Ngemba, Ngiyampaa, and Wayilwan peoples.

We recognise the continuing connection to lands, waters and communities. We pay our respect to Aboriginal and Torres Strait Islander cultures and to Elders past and present.



# Corporate Snapshot

CORPORATE  
(ASX:HLX)

## CAPITAL STRUCTURE

Share price (7 May 2024)	\$0.004
Shares on Issue	2,323M
Options & Performance Rights (unlisted)	218.5M
Market Capitalisation	\$9.29M
Cash (31 March 2024)*	\$1.68M
Enterprise Value (EV)	\$7.6M
Number of Shareholders	~3,400

\* \$2.3m partially underwritten entitlement offer in progress



**Mike Rosenstreich**  
Chair

Mr. Rosenstreich has a blend of technical and commercial skills gained over 30 years as a mining & exploration geologist and as a resources banker which culminated in various leading corporate roles discovering, developing and operating gold and base metals projects and mines.



**Kylie Prendergast**  
Managing Director

Dr. Prendergast is an experienced geologist and technical leader with over 25 years' experience within the international mining and resource sector. She has worked across a range of different operating jurisdictions, including significant in-country assignments and expatriate roles. This has included substantial business development, project technical and economic evaluation, and commercial management, including direct interaction with a range of stakeholders in global resource capital markets.



**Emmanuel Correia**  
Non-Executive Director

Mr. Correia is a highly experienced director with over 25 years' public company and corporate finance experience. He has extensive capital markets experience having managed numerous capital raisings and IPOs for junior ASX-listed companies, as well as providing critical services such as corporate strategy, M&A and governance advice. He has worked with listed companies in Australia, North America and the United Kingdom providing advice in relation to equity capital market matters. Mr. Correia is also an experienced public company director currently serving on a number of ASX listed companies.



**Meagan Hamblin**  
Chief Financial Officer

Ms. Hamblin is a Director of Meridian Corporate Consultants with extensive experience in financial reporting, corporate accounting and advisory services. Meagan is a Chartered Accountant, a certified Xero advisor and an associate member of the Governance Institute of Australia.



**Ben Donovan**  
Company Secretary

Mr. Donovan is a member of the Governance Institute of Australia and provides corporate advisory, IPO and consultancy services to a number of companies. Mr. Donovan is currently a company secretary of several ASX listed and public unlisted companies and has gained experience across resources, agritech, biotech, media and technology industries.



**Gordon Barnes**  
Exploration Manager

Mr. Barnes is a highly experienced and well-respected exploration geologist based in Orange, NSW. Gordon has over 30 years of practical mineral exploration experience, ranging from active field-based projects through to multi-commodity project generation initiatives in Australia and overseas. He has extensive NSW copper and gold exploration experience. Gordon is a Member of the Australian Institute of Geoscientists and holds a Masters in Geology (UWA), a BSC in Applied Science – Geology (RMIT) and is a Graduate of the Australian Institute of Company Directors.

# The Copper Opportunity



Helix is solely focused on the copper hunt in Cobar



Copper is an essential construction, energy and technology metal



Helix is leveraged to new copper and gold discoveries

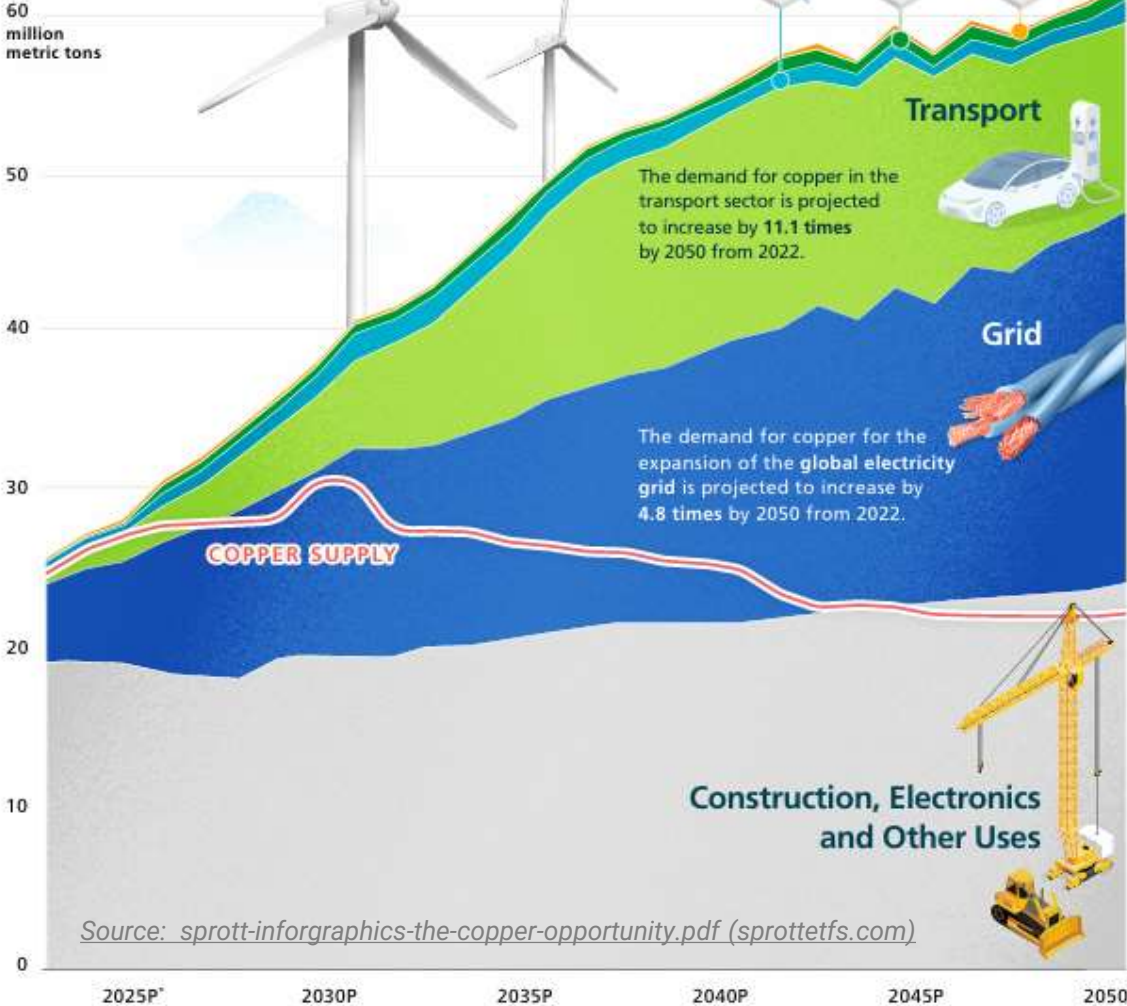


Copper deficit looming and forecasts are positive

Copper is essential for clean energy technologies such as solar panels, wind turbines and electric vehicles (EVs), as well as expanding electrical grids. As demand rapidly increases, copper miners may be likely to benefit from the expanding supply-demand gap.

## IN ONE CHART

### PROJECTED COPPER SUPPLY VS. DEMAND





# Cobar Focused

## Large strategic land position

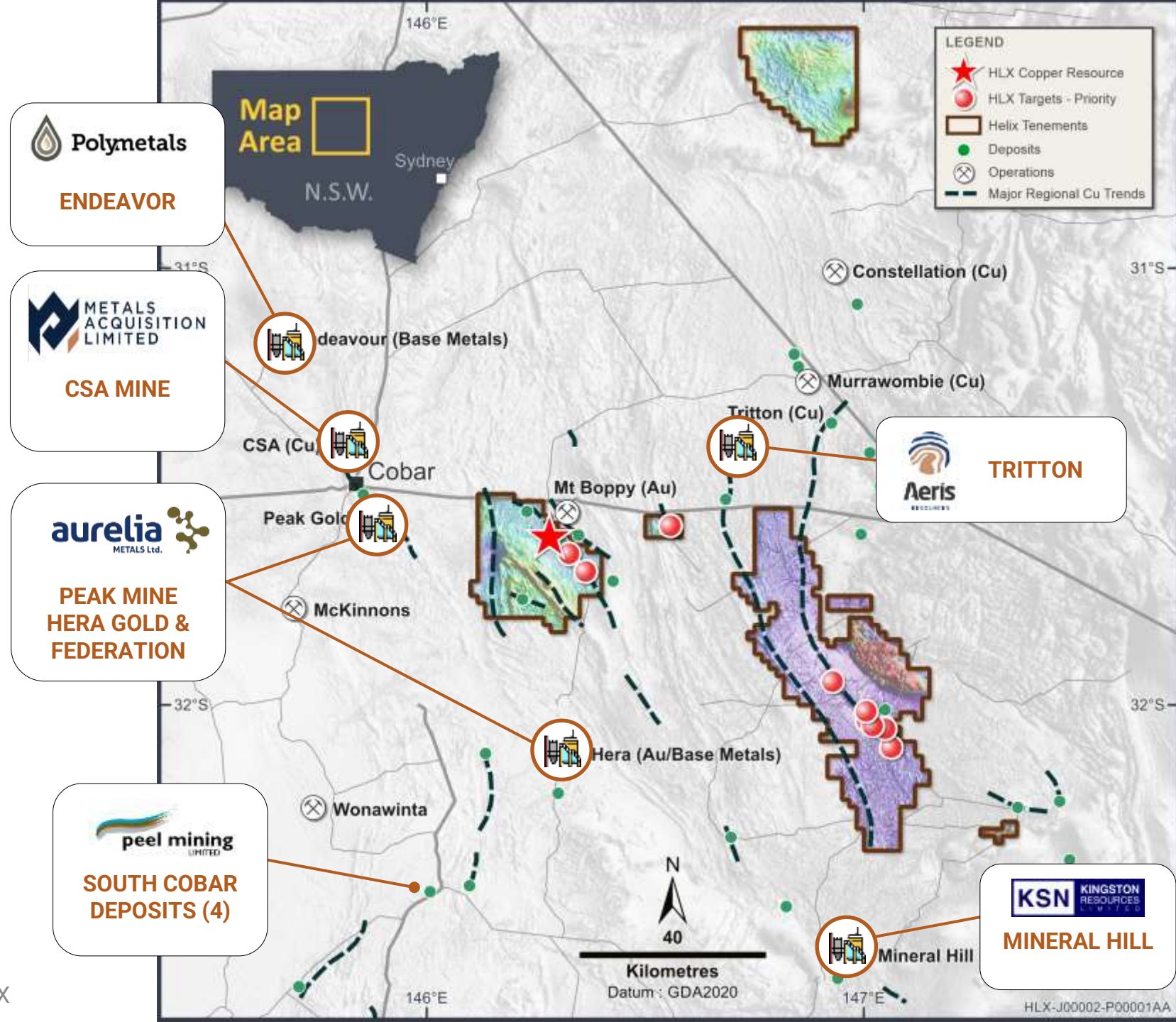
- ~2900 km<sup>2</sup>
- Copper and gold targets

## Prolific Proven Region

- +150 years of metal production
- High-grade Cu, Au, Pb, Zn, Ag

## Proximal to production and processing options

- 6 base metals/gold operations
- Towns, roads, rail and power



Refer Appendix B for details and data sources.

# Hunting for Big Deposits on Big Structures

## Regional metal endowment

~4.3 Mt  
Copper

~5 Moz  
Gold

~198 Moz  
Silver

~13 Mt  
Lead

~31 Mt  
Zinc



Polymetals  
ENDEAVOR



METALS  
ACQUISITION  
LIMITED  
CSA MINE



aurelia  
METALS Ltd.  
PEAK MINE



aurelia  
METALS Ltd.  
HERA GOLD &  
FEDERATION

South

North

Rookery Fault



Cu Au Cu

Great Chesney



Au Au Au Cu



Pb  
Zn  
Ag

Rochford  
30 km



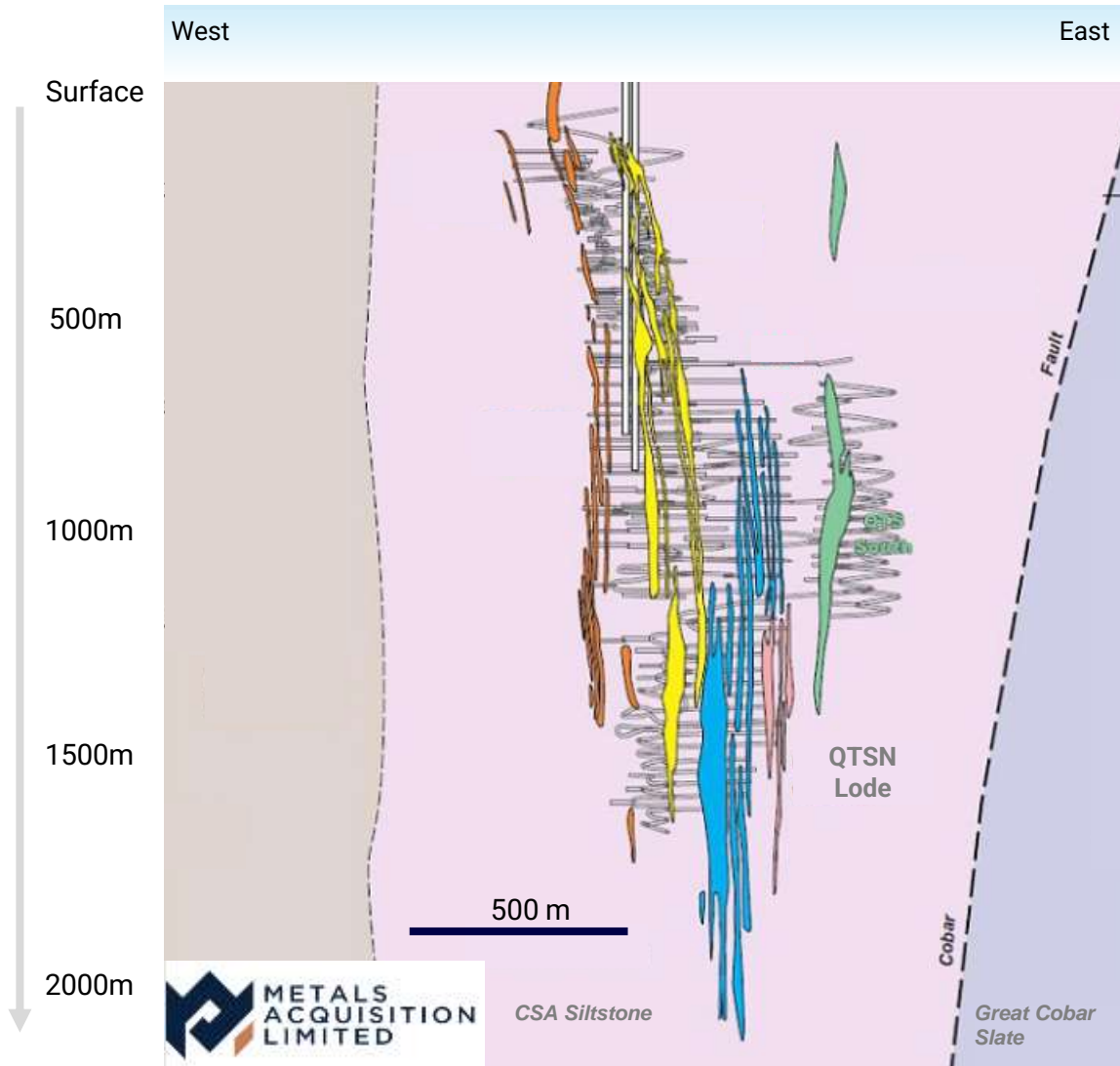
Canbelego



HELIX  
RESOURCES LIMITED

Refer Appendix B for details and data sources.

# Targeting 'CSA style' deposits



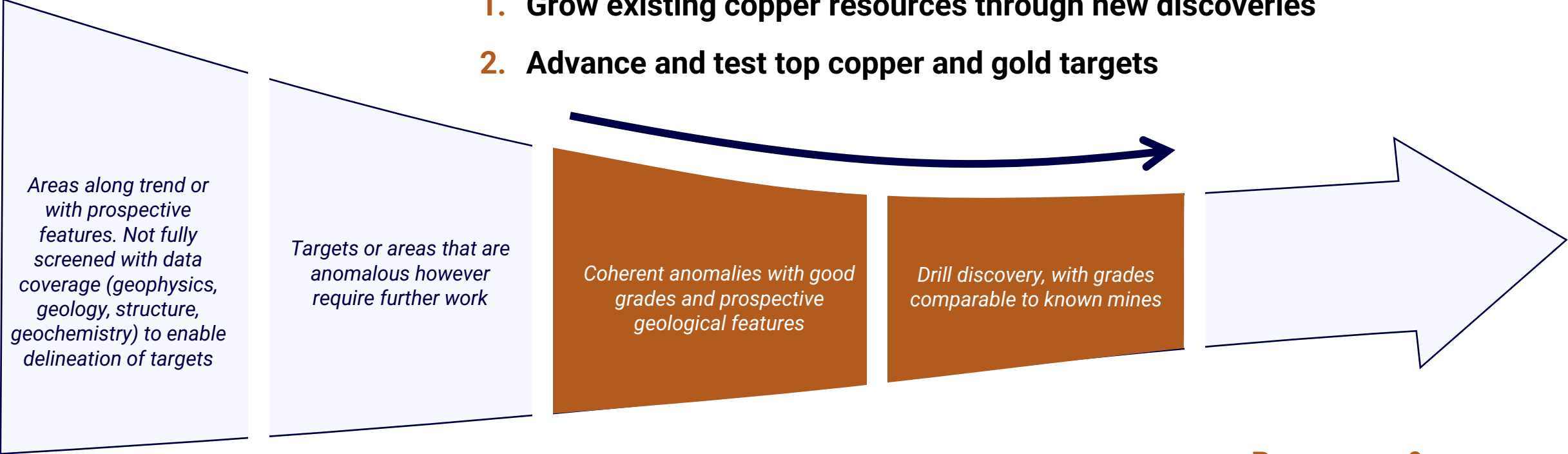
## CSA attributes:

- **Large scale:** largest operation in the region – ~40kt of copper produced per annum<sup>2</sup>
- **Large Endowment :** ~1.4 Mt Cu<sup>1</sup> and current Mineral Resources<sup>2</sup> of 13.3Mt @ 5.3% Cu
- **Structurally controlled lodes:** NNW trending faults & cross faults
- **Multiple high-grade copper lodes** occur over a 2 km depth
- **Short and narrow but deep geometry:** individual copper lodes have a very small surface footprint (~100m long), narrow widths ~5-20m and are vertically extensive (>2,000m deep)

Sources: (1) refer Appendix B; (2) Metals Acquisition Limited (ASX MAC) February 2024 Investor Presentation. Cross Section modified from sec.gov/Archives/edgar/data/1853021/000110465922067125/tm2217160d1\_ex96-1.htm

# Strategy and Targets

1. Grow existing copper resources through new discoveries
2. Advance and test top copper and gold targets



*Areas along trend or with prospective features. Not fully screened with data coverage (geophysics, geology, structure, geochemistry) to enable delineation of targets*

*Targets or areas that are anomalous however require further work*

*Coherent anomalies with good grades and prospective geological features*

*Drill discovery, with grades comparable to known mines*

**Conceptual**

**Pipeline Targets**

**Priority Targets**

**Discovery**

**Resources & Reserves**

Canbelego IP Targets  
Yathella  
Aldebaran / Max's  
Gwinear  
Fiveways West  
Widglans  
Louis  
Muriel Tank  
Cabellero

Bijoux  
CZ

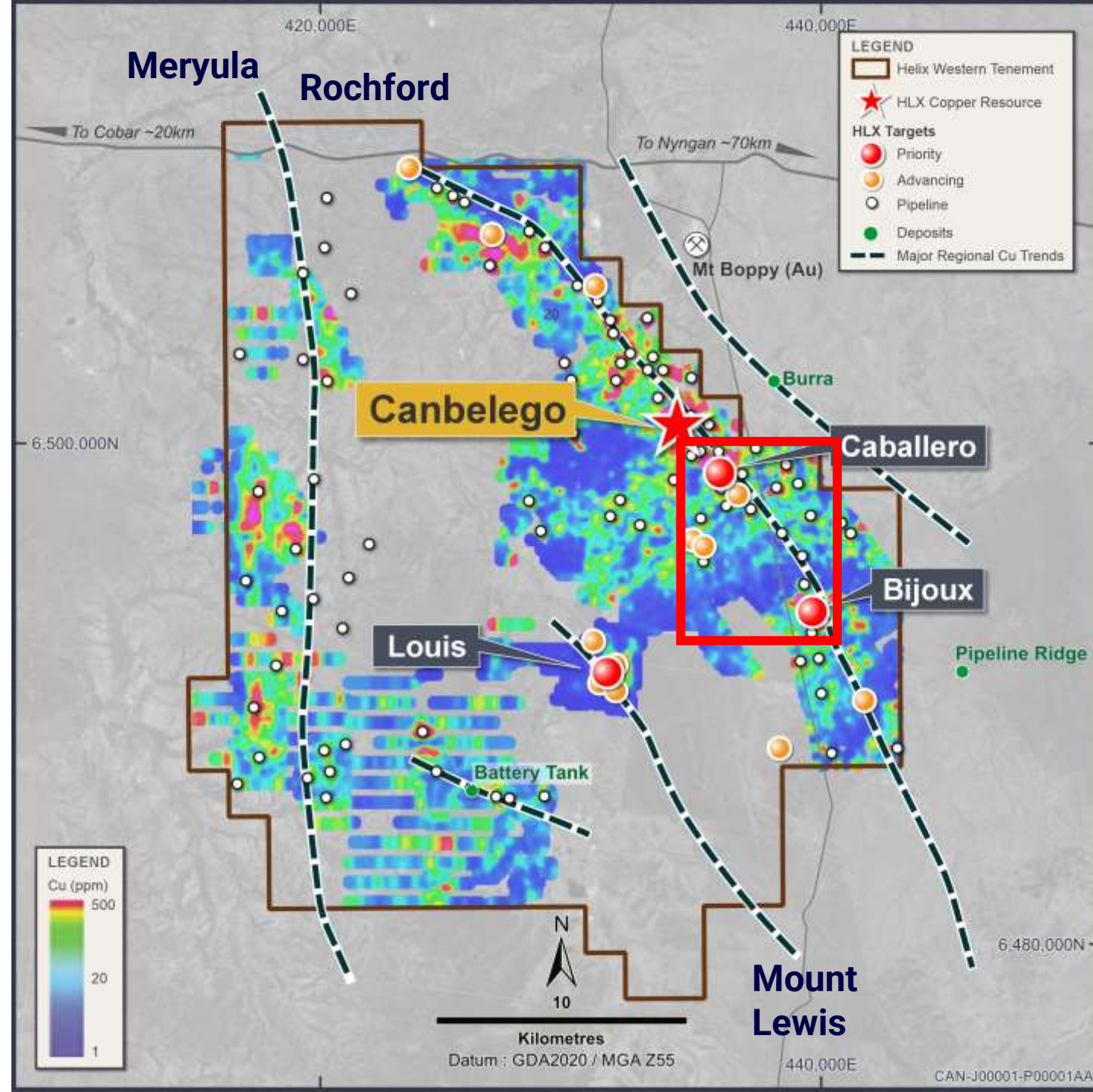
Canbelego Copper Resource<sup>1</sup>

# Copper

Poised to grow the resource

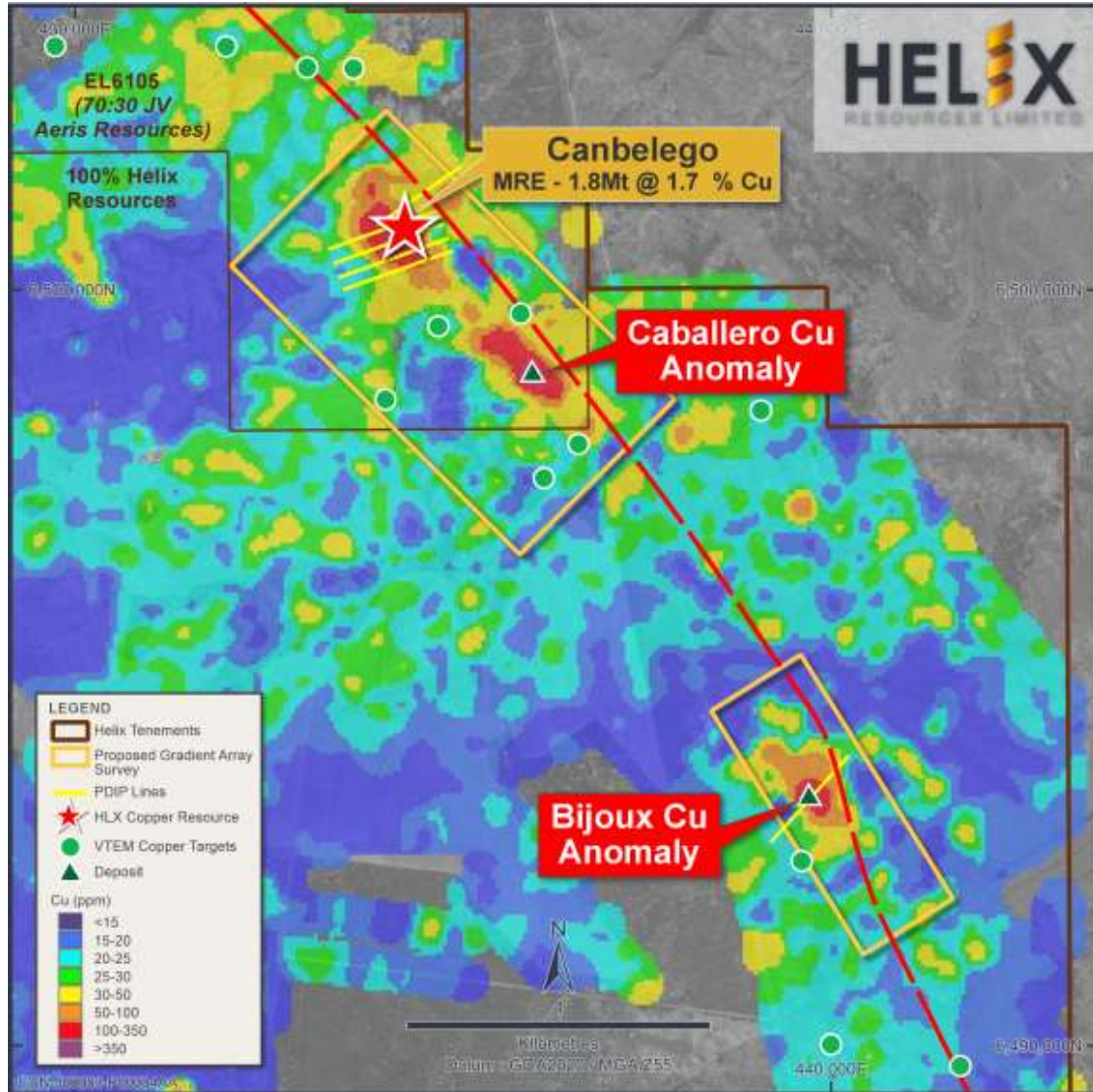
- On the Western tenement we are searching for classic Cobar-style copper deposits (CSA analogue)
- **Canbelego Main Lode Copper Resource**
  - 1.83Mt at 1.74% Cu with 31.8Kt contained copper<sup>1</sup>
- **Plan to discover more copper**
  1. Focus in on 10km zone of Rochford trend with large surficial copper geochemical anomalies<sup>2</sup>
  2. Deployed IP Geophysics<sup>3</sup> as a lower cost tool to refine drill targets
  3. Drilling to test new targets planned for May

Refer ASX Announcements : (1) 14 June 2023 (2) 22 November 2023 which includes the description of anomalies in the Louis Target (3) 29 February 2024, 9 April 2024, 16 April 2024



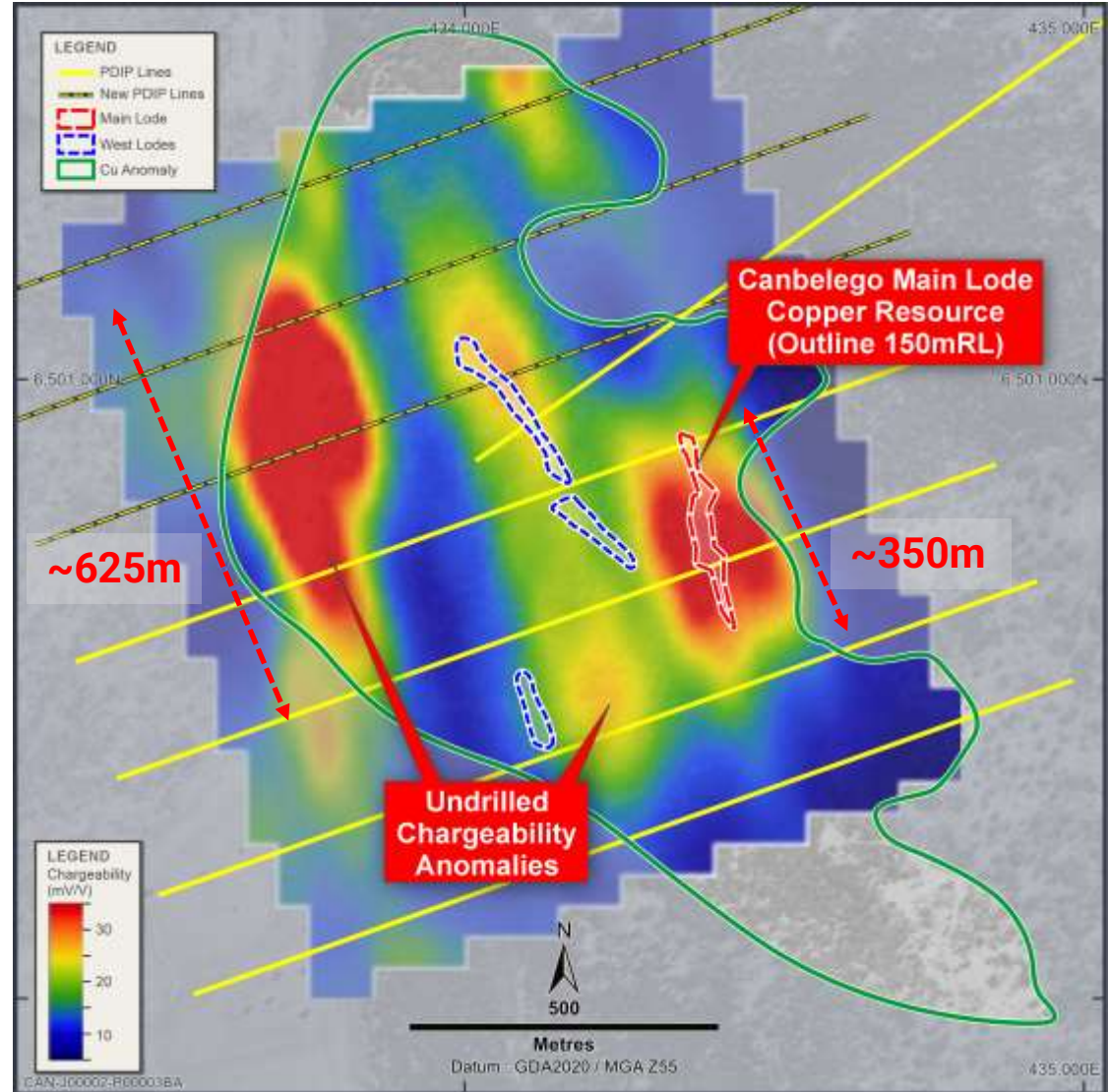
# Surface copper footprints

10 km area of focus



# Geophysical blueprint

IP Geophysics identifies new drill targets



Canbelego 3D inversion IP chargeability depth slice at 130mRL (175m below surface)

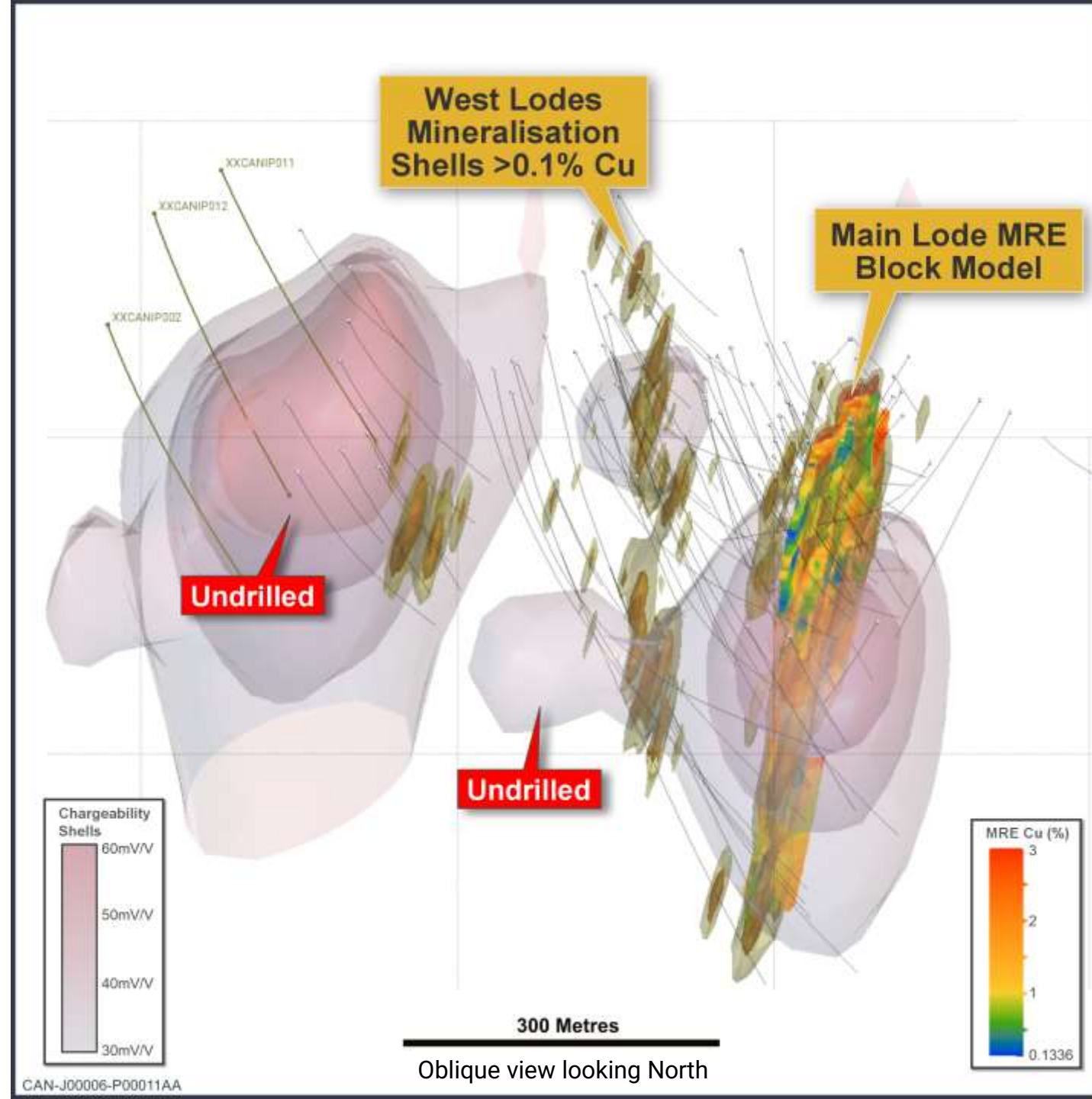
# Multi-lode copper potential

- Drilling planned for mid-May to test new larger Western IP target.
- **Canbelego Main Lode Copper Resource**
  - 1.83Mt at 1.74% Cu with 31.8Kt contained copper<sup>1</sup>

## Canbelego Drill Highlights<sup>1</sup>

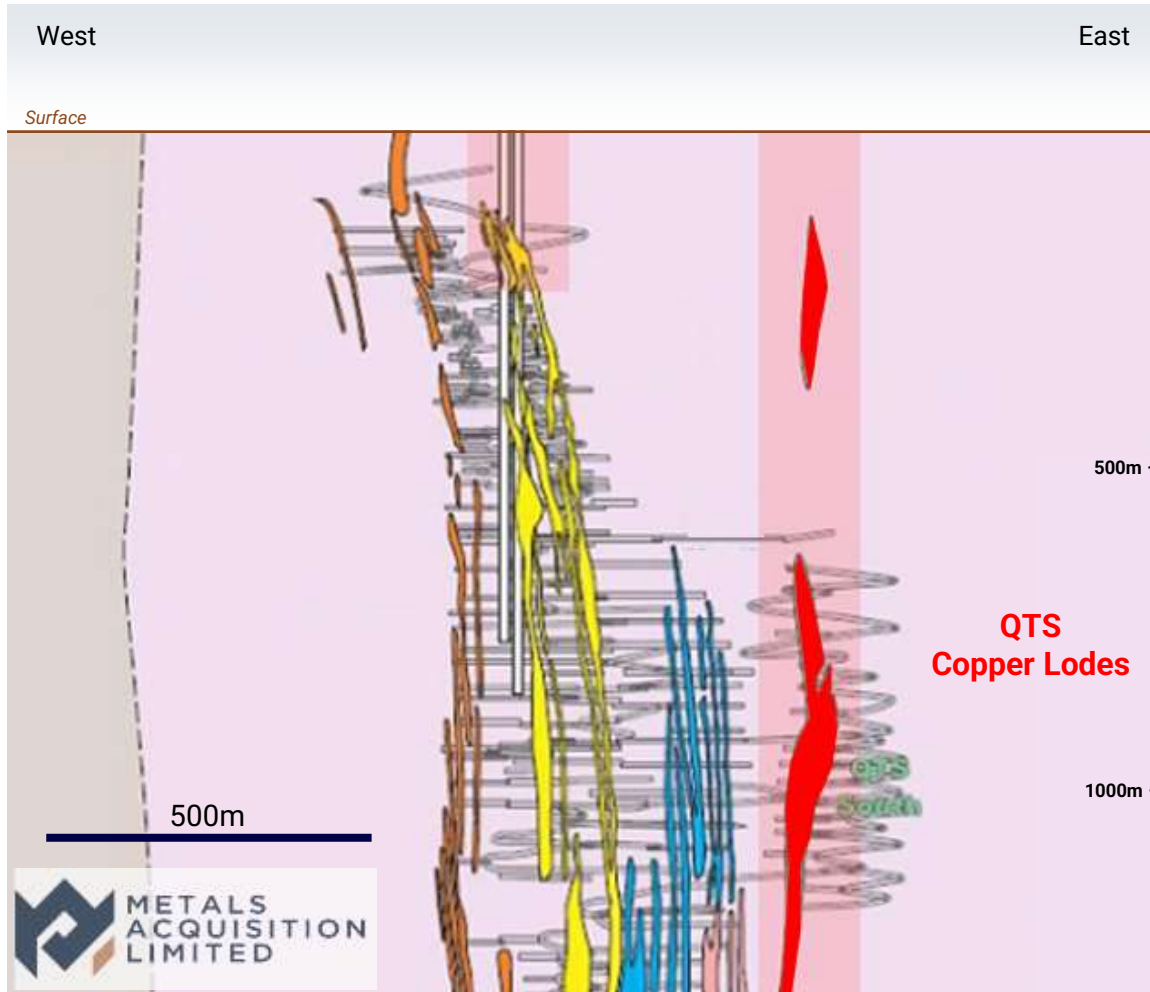
- 18m @ 1.8 % Cu inc. 10m @ 3.0 % Cu
- 16m @ 3.2 % Cu inc. 11m @ 4.6 % Cu
- 18m @ 3.4 % Cu inc. 14m @ 4.2 % Cu

Refer ASX Announcements: 8 May 2024; (1) 14 June 2023



# CSA Copper Mine

Deep multi-lode copper

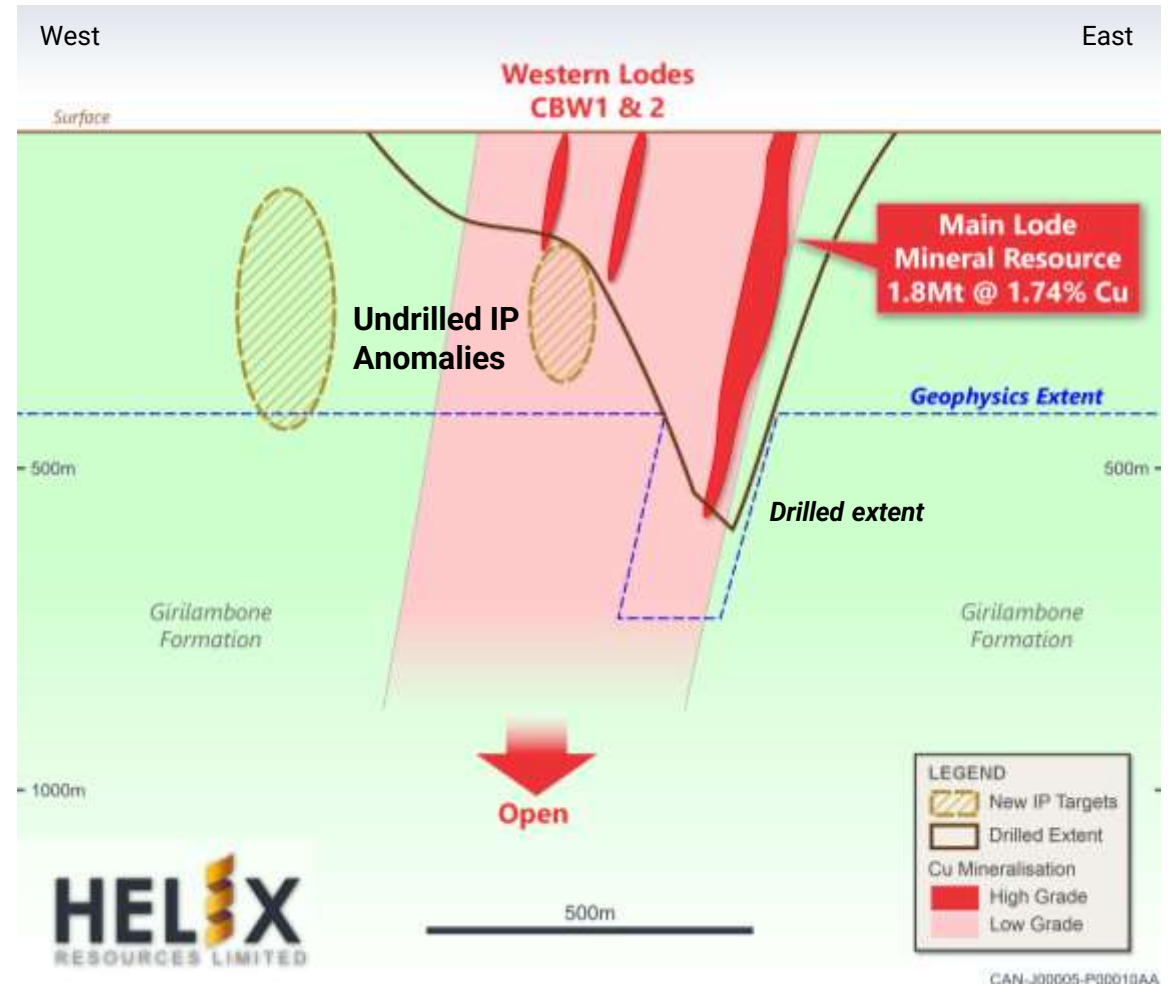


**Copper lodes extend to more than 2,000 m deep**

Sources: (1) Metals Acquisition Limited (ASX MAC) February 2024 Investor Presentation. Cross Section modified from [sec.gov/Archives/edgar/data/1853021/000110465922067125/tm2217160d1\\_ex96-1.htm](https://sec.gov/Archives/edgar/data/1853021/000110465922067125/tm2217160d1_ex96-1.htm)

# Canbelego Deposit

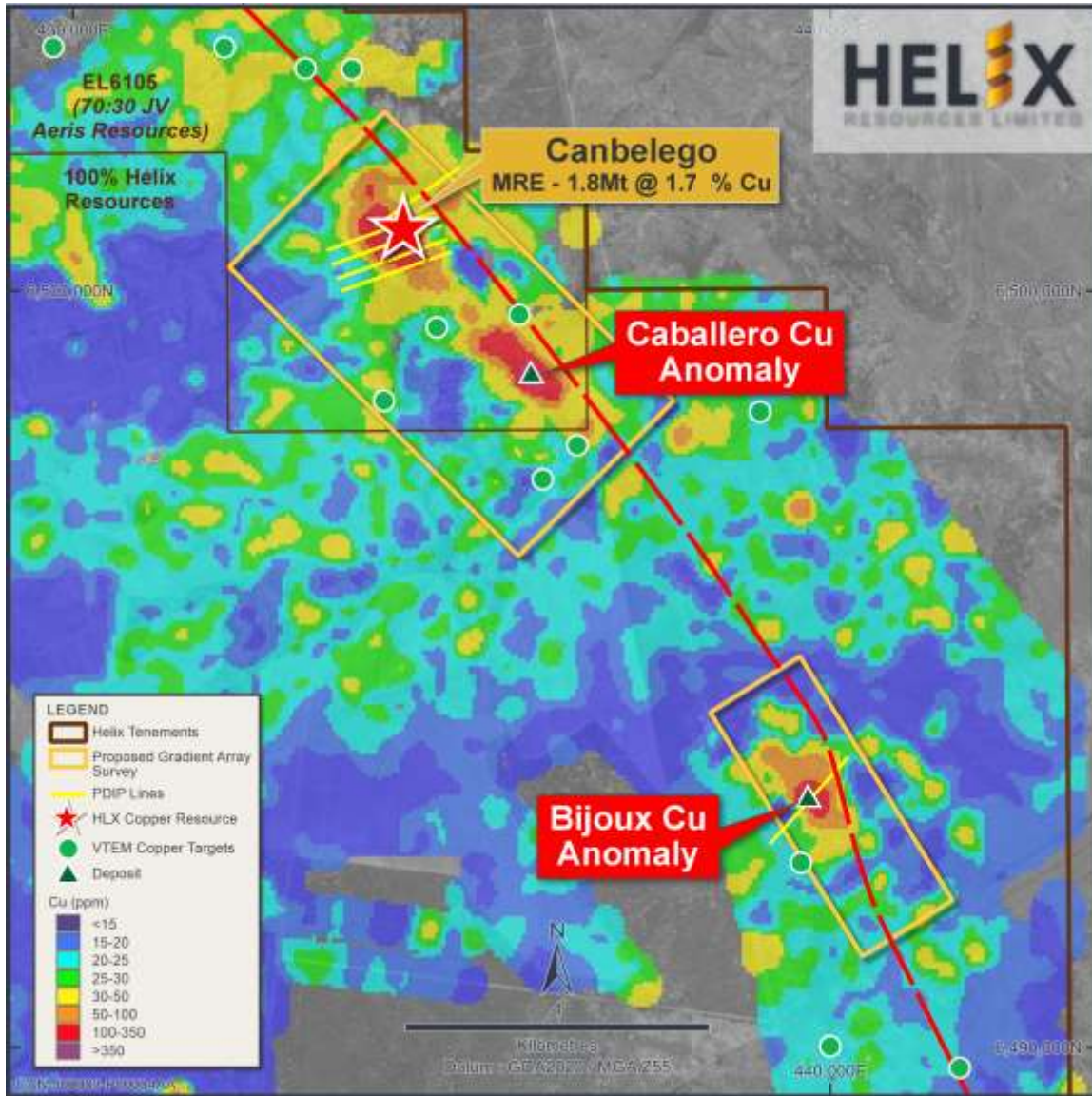
Open to depth with undrilled IP targets



Simplified Canbelego Cross Section. Main Lode Mineral Resource :refer to Appendix A; Undrilled IP anomalies: Refer ASX Announcement: 29 February 2024, 9<sup>th</sup> April 2024. Geophysics testing of depth potential has utilised VTEM, IP and downhole EM



# Further CSA-style copper lode potential



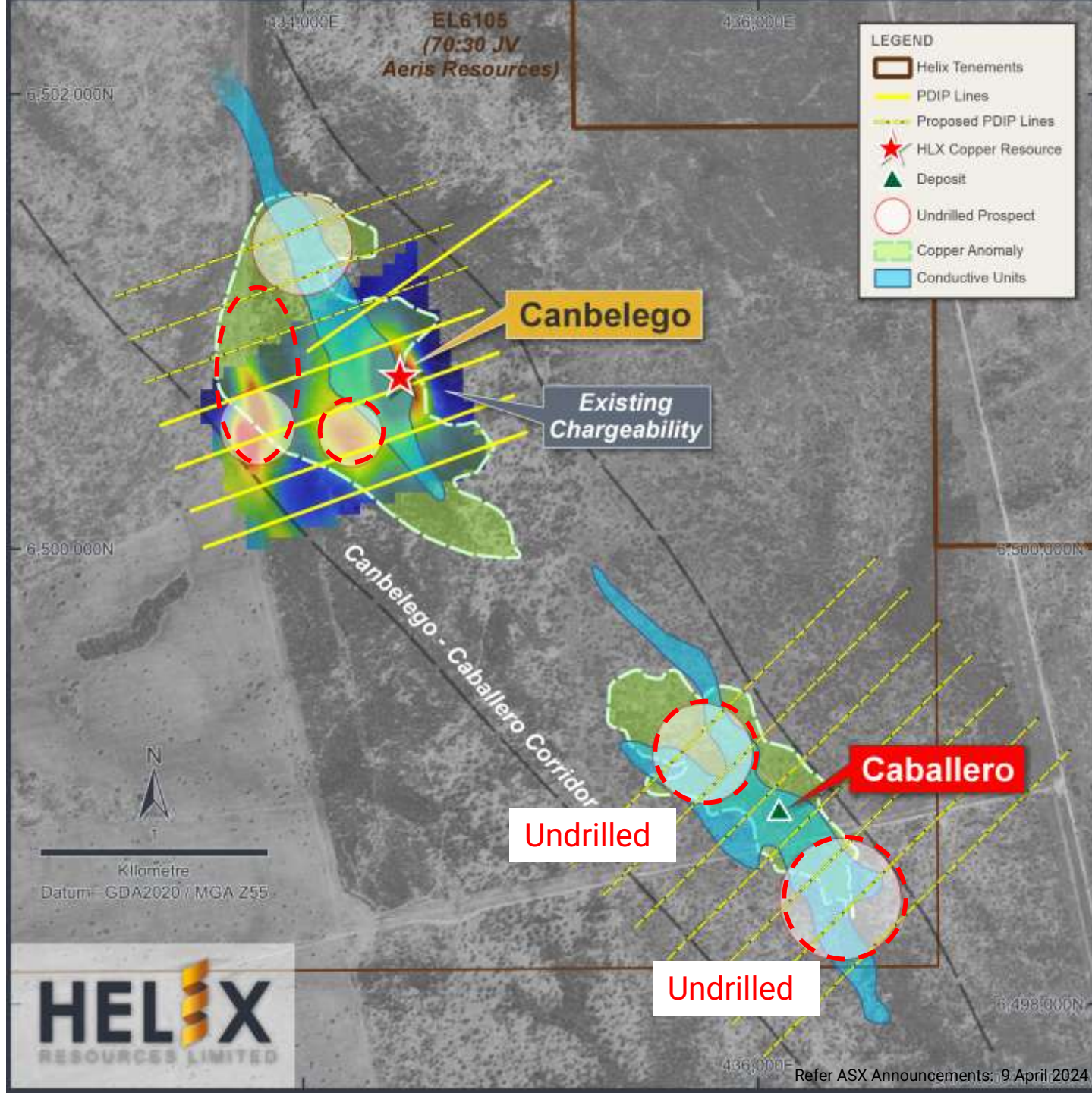
- Helix has demonstrated there are copper lodes within the Canbelego copper footprint
- 'Copper footprints' at Caballero and Bijoux are not well explored
- Have some drilling which confirms there are copper sulphides present
- Trialling IP geophysics to detect copper lodes
- Should provide a test over the copper anomalies to 400m depth

# Caballero

## Copper sulphides and copper footprint

- 1.5 km long copper geochemical anomaly
- Copper sulphides intersected in drilling
  - 11m at 0.75 % Cu inc. 3m at 1.8 % Cu (sulphide) 1
- Several undrilled areas within the copper anomaly
- Geophysics (PDIP) undertaken – results pending
- Further work planned subject to Canbelego drill results

Refer ASX Announcements: (1) 4 October 2022 & 15 November 2022

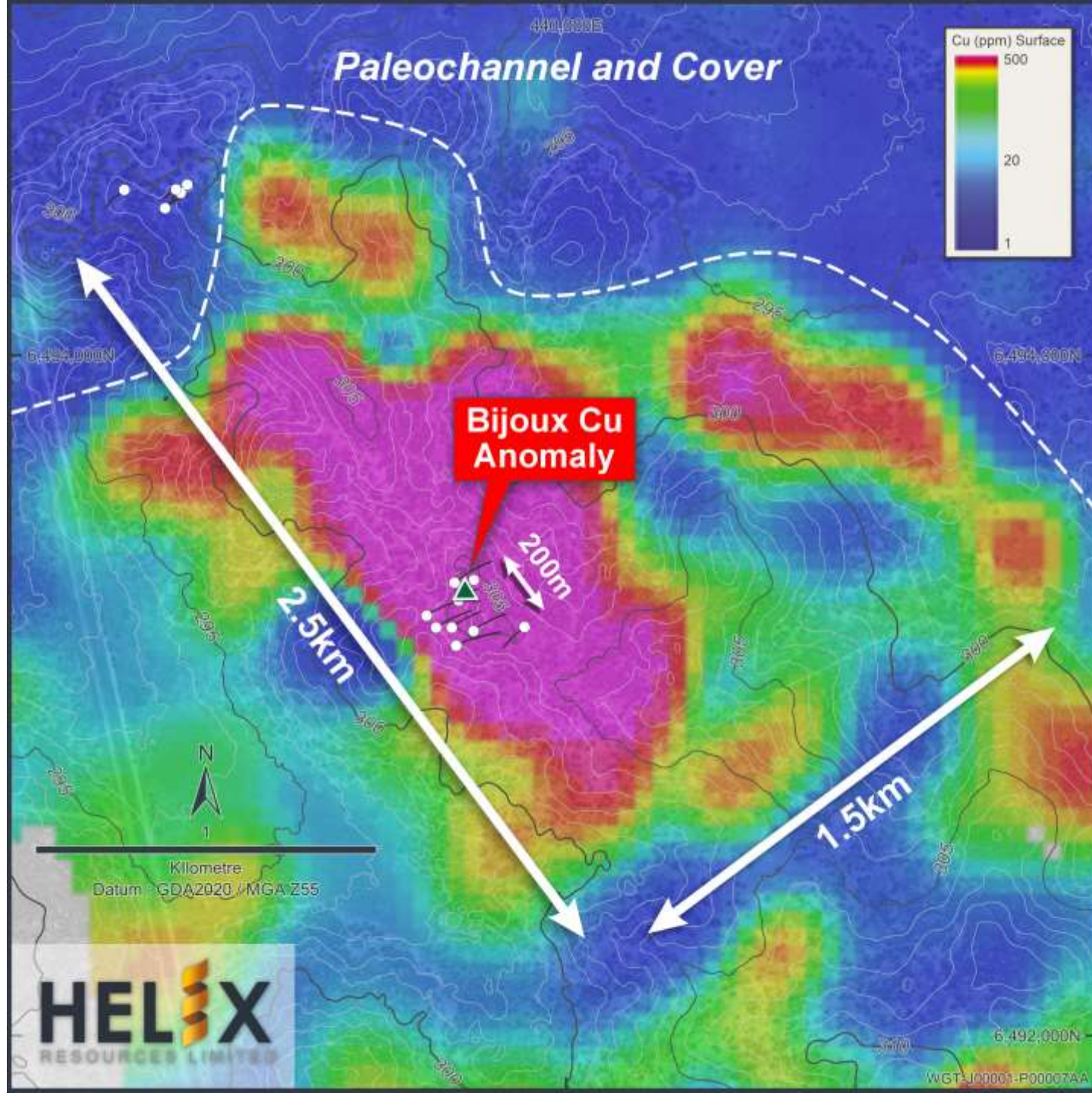


# Bijoux

Big untested copper footprint

- +2 km long copper geochemical anomaly<sup>1</sup>
- Majority of anomaly is undrilled
- Very strong chlorite alteration
- Copper intersected all drillholes<sup>2</sup>
  - 36m at 0.99 % Cu inc. 6m at 1.99 % Cu (oxide)
  - 2m @ 5.76 % Cu (sulphide)
  - 11m at 0.17 % Cu (northwest drillhole) – hence still within the low-grade copper structure
- IP geophysics being trialled - results pending

Refer ASX Announcements: (1) 22 November 2023 (2) 30 November 2023 & 15 January 2024



# New gold and copper

Emerging from the wheatfields

**Auger drill programs are ongoing**

## Copper Targets

- Eastern Tenement is directly south of Aeris's copper mines (endowment +650 kt Cu)
- Prospective for Tritton-style massive sulphide copper-gold lodes (i.e. Widgelands<sup>1</sup>: 9.16% and 3.97% Cu)

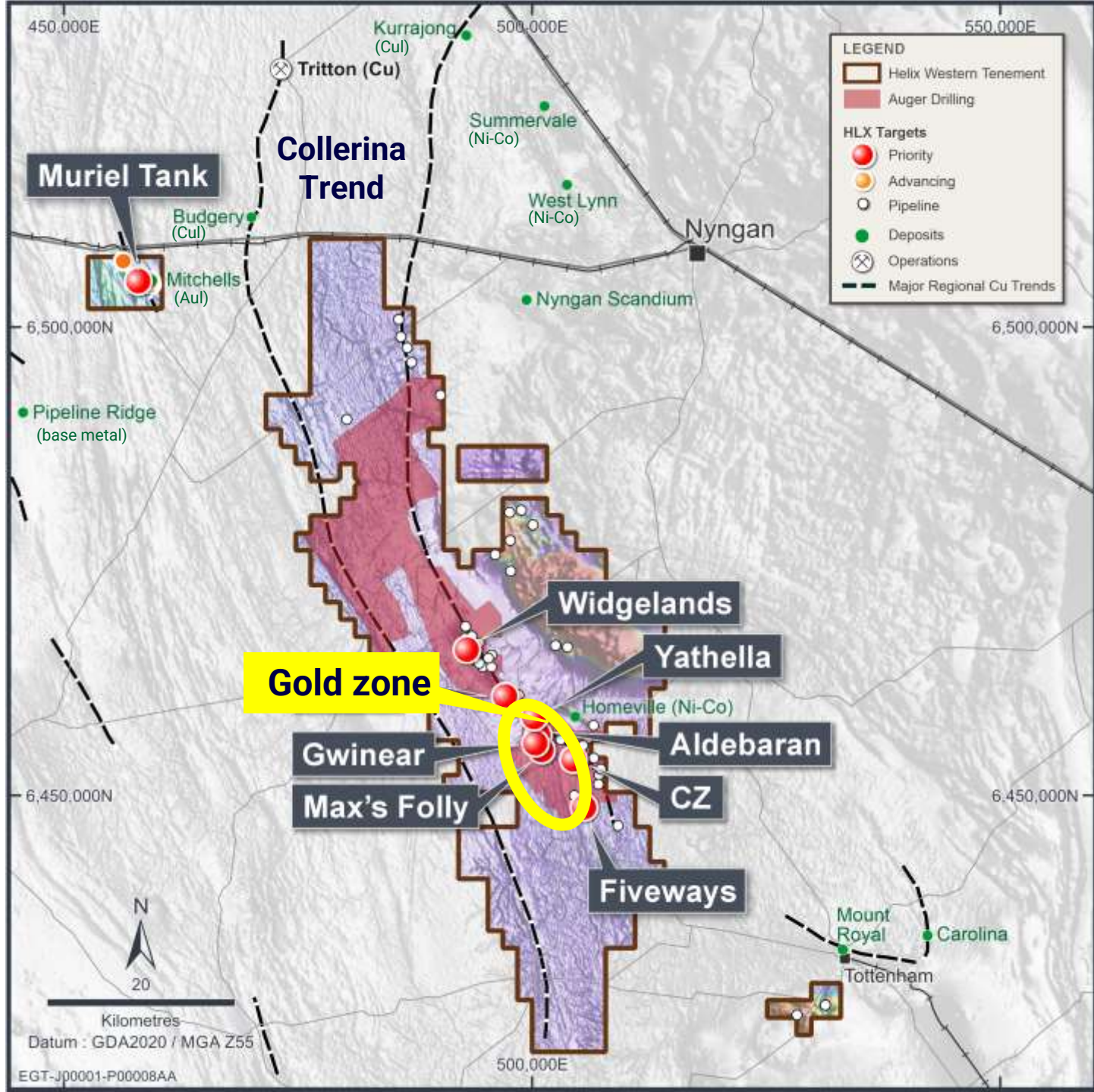
## Gold zone (+11 km long)

- Discovered in March 2024 by reconnaissance auger programs<sup>2</sup>

## Revisiting the Muriel Tank goldfield

- Last operated in 1900's to 30m deep.

Refer ASX Announcements: (1) 20 February 2024; (2) 19 March 2024



# New Gold Zone Targets

+11km, open north and south

## New regional auger strategy delivers<sup>1</sup>

### Aldebaran

- Rock samples with Au (best **8.9 g/t Au** and 0.2 % Cu, plus anomalous As, Sb, Pb)<sup>2</sup>
- Within new +2km auger Au anomaly
- Open to the north.

### Max's Folly

- **16m @ 0.35 g/t Au** (from surface) in drillhole testing old mine workings and stopes<sup>2</sup>
- Within new +2km Au auger anomaly.

### Gwinear

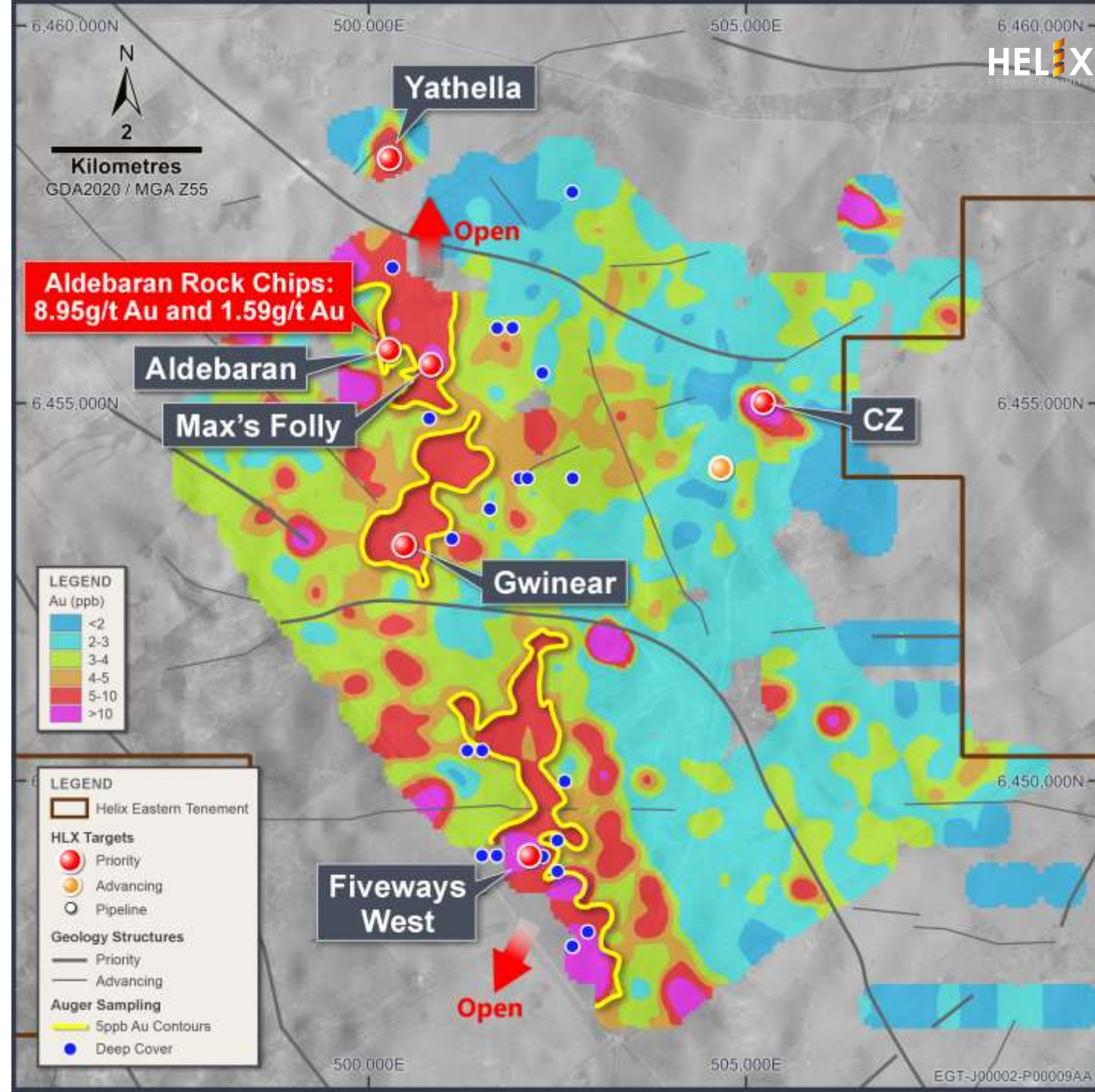
- New +2km Au auger anomaly

### Fiveways West

- New +4.7 km Au auger anomaly
- Open to the south

## Infill auger planned and commencing this month

Refer ASX Announcements: (1) 19 March 2024 (2) 20 February 2024



# 2024 OUTLOOK

## Discovery focus – definitively testing targets

MAY

- **Geophysics** – IP results from Copper footprints
- **Commence Drilling** – Canbelego IP targets
- **Auger program** – start infill Eastern Tenements Goldfield

JUNE

- **Drilling** – results & follow up
- **Geophysics** – ongoing results
- **Auger program** – infill on copper and gold targets

JULY

- **Drilling** – further target tests/follow-up
- **Auger program** – results
- **Priority Targets** – develop drill targets

# Corporate Perspectives

Investment Summary  
(ASX:HLX)

COBAR  
COPPER  
FOCUSED

## Poised for new discoveries

- **Funding: ~\$1.68 million\***
- **Robust copper and gold portfolio**
- **Drilling for high-grade copper**
- **ASX leverage to copper & gold discovery**
- **Management and local expertise**



## Contact

**MIKE ROSENSTREICH**  
Chair

**KYLIE PRENDERGAST**  
Managing Director

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**ASX:HLX**





# APPENDIX A

## MINERAL RESOURCE ESTIMATES

### Canbelego Main Lode (June 2023)

MRE Category	Tonnes	Grade (Cu%)	Cu-Metal (t)
<i>Total opencut MRE, ≥240mRL; 0.3 Cu% cut-off grade &amp; underground MRE, &lt;240mRL; 0.8 Cu% cut-off grade</i>			
Indicated	340,600	1.65	5,620
Inferred	1,493,700	1.75	26,140
<b>Total: Opencut &amp; Underground</b>	<b>1,830,000</b>	<b>1.74</b>	<b>31,842</b>
MRE Category	Tonnes	Grade (Cu%)	Cu-Metal (t)
<i>Potential opencut MRE, ≥240mRL; 0.3 Cu% cut-off grade</i>			
Indicated	99,700	1.28	1,276
Inferred	282,300	1.21	3,416
<b>Total: potential opencut MRE</b>	<b>377,000</b>	<b>1.23</b>	<b>4,637</b>
<i>Potential underground MRE, &lt;240mRL; 0.8 Cu% cut-off grade</i>			
Indicated	240,900	1.81	4,360
Inferred	1,211,400	1.88	22,774
<b>Total: potential underground MRE</b>	<b>1,453,000</b>	<b>1.87</b>	<b>27,171</b>

\* Numbers may not sum due to rounding

\* Numbers are rounded to reflect that they are estimates

\* A top-cut grade of Cu 12% was applied to the MRE

\* Stated MRE complies with Reasonable prospects of eventual economic extraction

#### MRE REPORT

For full details of MRE please refer to ASX Report 14 June 2023

The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and, in the case of mineral resource estimate, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

# APPENDIX B

## REGIONAL PRODUCERS & DEPOSITS



### TRITTON COPPER OPERATIONS<sup>1</sup>

- Refer Group Report on Mineral Resources & Ore Reserves 15 November
- <https://www.aerisresources.com.au/>

### CSA MINE<sup>2</sup>

- Glencore 2021 Reserves & Resources Report
- Metals Acquisition Corp. Inc. Reports – 3 March 2022 and 23 November 2022
- <https://www.glencore.com/investors/reports-results/reserves-and-resources>
- <https://www.metalsacquisition.com>

### PEAK GOLD OPERATIONS<sup>3</sup> & HERA MINE

- Aurelia Metals 2021 Annual Report
- ASX Report 10 October 2022
- <https://www.aureliametals.com/investors/annual-reports>

### MINERAL HILL<sup>6</sup>

- <https://kingstonresources.com.au/wp-content/uploads/2021/11/2302299.pdf>
- ASX Report 19 September 2022



### ENDEAVOR LEAD/ZINC<sup>4</sup>

- Currently Care & Maintenance
- <https://www.cbhresources.com.au/endeavor-mine/>



### MT BOPPY GOLD<sup>5</sup>

- Manuka Resources 2021 Annual Report
- <https://www.manukaresources.com.au/>



### COBAR BASE METAL ASSETS<sup>7</sup>

- Multi-deposits: May Day, Mallee Bull, Wagga Tank, Southern Nights and Wirlong
- Peel Mining ASX Report 9 January 2023
- <https://www.peelmining.com.au/investor-centre/asx-announcements/>



### OTHER PUBLIC DOMAIN DATA

- Endowment, production and resource data from NSW mineral occurrence database (MIV\_COMM\_RES?PROD\_TCC table, November 2022)
- <https://www.regional.nsw.gov.au/meg>

# IMPORTANT NOTICES

This presentation has been authorised by the Board of Helix Resources Limited

## Competent Persons Statement

The information in this report that relates to exploration results, and geological data for the Cobar projects is based on information generated and compiled by Mr Gordon Barnes and Dr Prendergast who are both employees and shareholders of the Company. Mr Barnes and Dr Prendergast are Members of the Australian Institute of Geoscientists. The Mineral Resource estimate was completed by Mr Dean O'Keefe the Principal Resource Geologist of MEC Mining. MEC Mining is a global technical consulting firm specialising in mining services capabilities across the mining life cycle from early-stage exploration through development, mine planning, onsite management, to mine closure and rehabilitation. Mr O'Keefe is a Fellow of the Australasian Institute of Mining and Metallurgy.

Mr Gordon Barnes, Dr Kylie Prendergast, and Mr O'Keefe have sufficient experience that is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken to qualify as Competent Person(s) as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Barnes, Dr Prendergast, and Mr O'Keefe have consented to the inclusion of this information in the form and context in which it appears in this report.

## Disclaimer

This presentation has been prepared by Helix Resources Limited ("Company"). The presentation does not contain all the information that a prospective investor may require about the companies, their business or the proposal. It is not a complete statement of material information. Except where stated, the information disclosed in this presentation ("Information") relates to the proposed business of the Company at the date of this document. This presentation does not contain advice relating to legal, taxation or investment matters. The Company makes no representation or warranty (express or implied) as to the accuracy, reliability or completeness of the Information. The Company and its subsidiaries, directors, employees, agents and consultants shall have no liability (including liability to any person by reason of negligence or negligent misstatement) for any statements, opinions, information or matters (express or implied) arising out of, contained in or derived from, or for any omissions from this presentation, except liability under statute that cannot be excluded.

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## Forward Looking Statements

This presentation may include forward-looking statements. These forward-looking statements are not historical facts but rather are based on Helix Resources Limited's (Helix) current expectations, estimates and assumptions about the industry in which Helix operates, and beliefs and assumptions regarding Helix's future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "potential" and similar expressions are intended to identify forward-looking statements. Forward-looking statements are only predictions and are not guaranteed, and they are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of Helix. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. 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 and the ASX Listing Rules, Helix 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.

## Cautionary Statement on Visual Estimates of Mineralisation

References in this presentation to visual results are from RC and diamond core drilling. Visible oxide mineralisation in RC drilling consisted of gossan and trace malachite. Fresh sulphide mineralisation (chalcopryrite and pyrite) consisted of disseminated, veins and stringers as well as semi to massive pyrite and chalcopryrite. Visible oxide mineralisation in HQ and NQ core drilling consisted of trace - minor copper hydroxides and possible gossan (hematite and goethite) with trace chalcocite. Fresh sulphide mineralisation consisted of disseminated, veins and stringers as well as semi to massive chalcopryrite. Further details are in ASX reports referenced.

Visual estimates of percentages are based on preliminary visual observations of the RC chips and drill core and may not be representative of the entire sample interval. Laboratory assays are required for representative estimates of copper and other metal contents.