

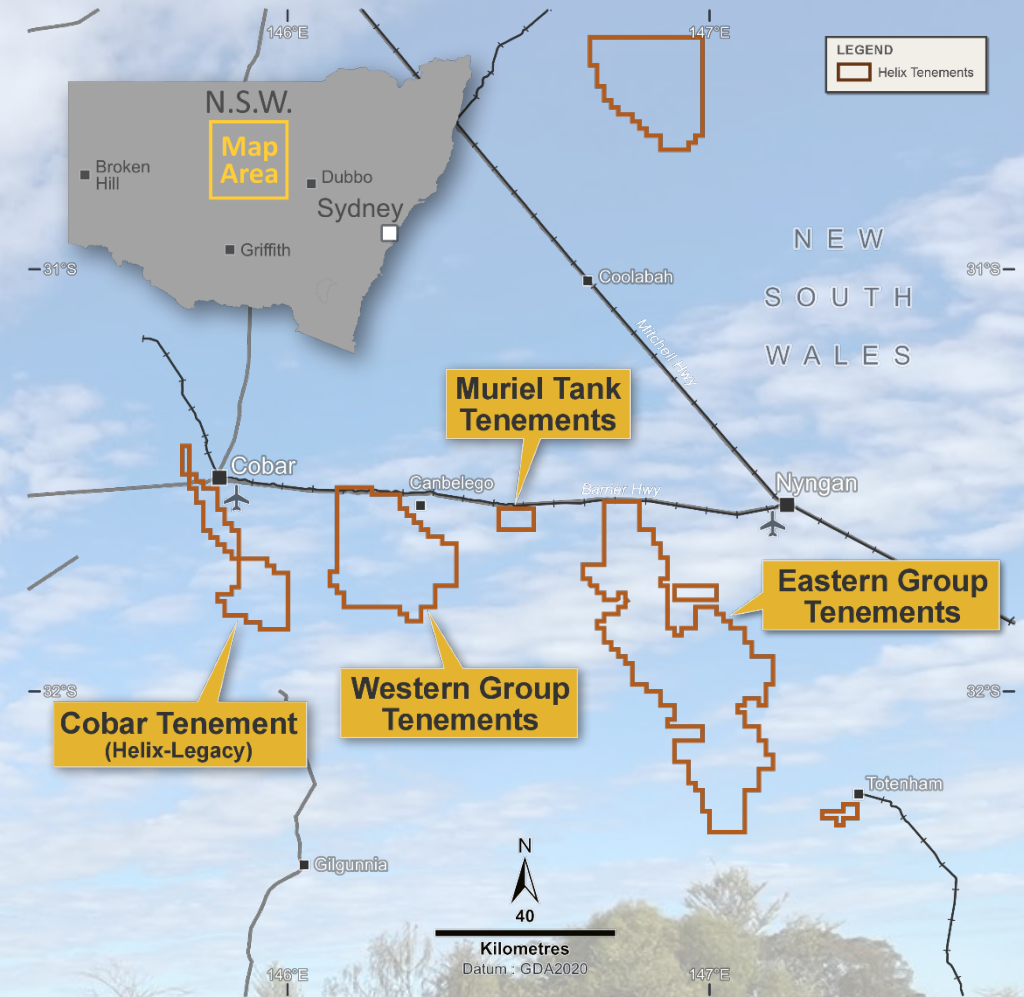


An Australian Copper Company

Exploration in the Prolific Cobar Region of NSW



**Presenting at the Dowerin Machinery Field Days
JP Equity Marque 28-29 August 2024**



Corporate Snapshot

(ASX:HLX & HLXO)

CAPITAL STRUCTURE

Share price (26 August 2024)	\$0.004
Shares on Issue	3,264 M
Options & Performance Rights	702 M
Market Capitalisation	\$13 M
Cash (30 June 2024)	\$2.74 M
Enterprise Value (EV)	\$10.3 M
Number of Shareholders	~3,400



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 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 an experienced public company director currently serving on a number of ASX listed companies.



Michelle Kennedy
Chief Financial Officer

Ms. Kennedy is a Director of Meridian Corporate Consultants with extensive experience in financial reporting, corporate accounting and advisory services. Ms. Kennedy is a Chartered Accountant and was previously a manager at PricewaterhouseCoopers Perth (PwC) and has extensive experience working with both ASX listed and large private companies.



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 focused on the copper hunt in Cobar



Copper is an essential construction, energy and technology metal



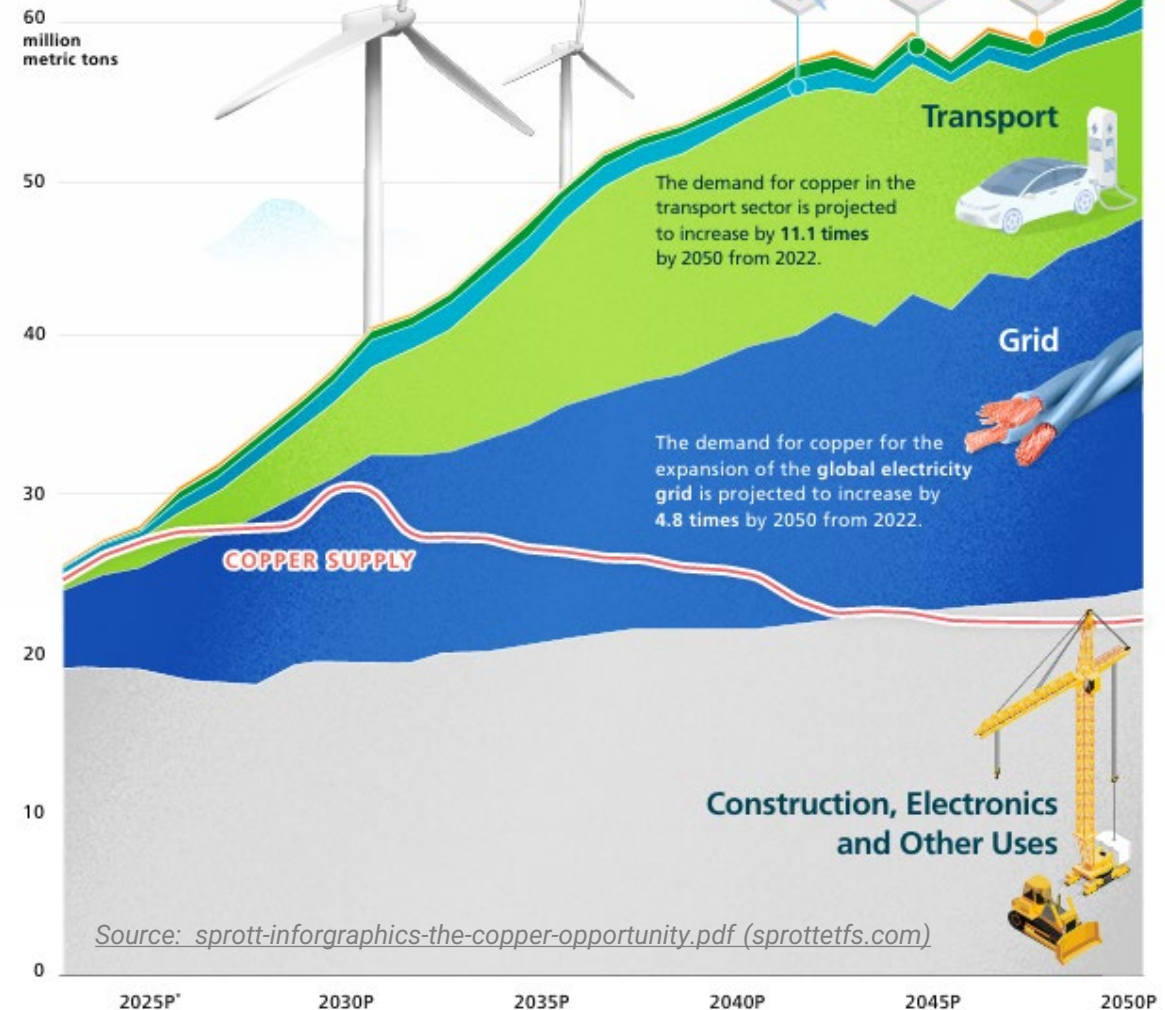
Helix is leveraged to new copper and gold discoveries



Copper deficit looming and forecasts are positive

IN ONE CHART

PROJECTED COPPER SUPPLY VS. DEMAND



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.



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.



Federal Court Justice Melissa Perry handed down her decision recognising the native title rights of the Ngemba, Ngiyampaa, Wangaaypuwan and Wayilwan peoples on Wednesday, August 14, 2024 (Picture Source: ABC News).

Cobar Focused

Prolific Proven Cobar Region

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

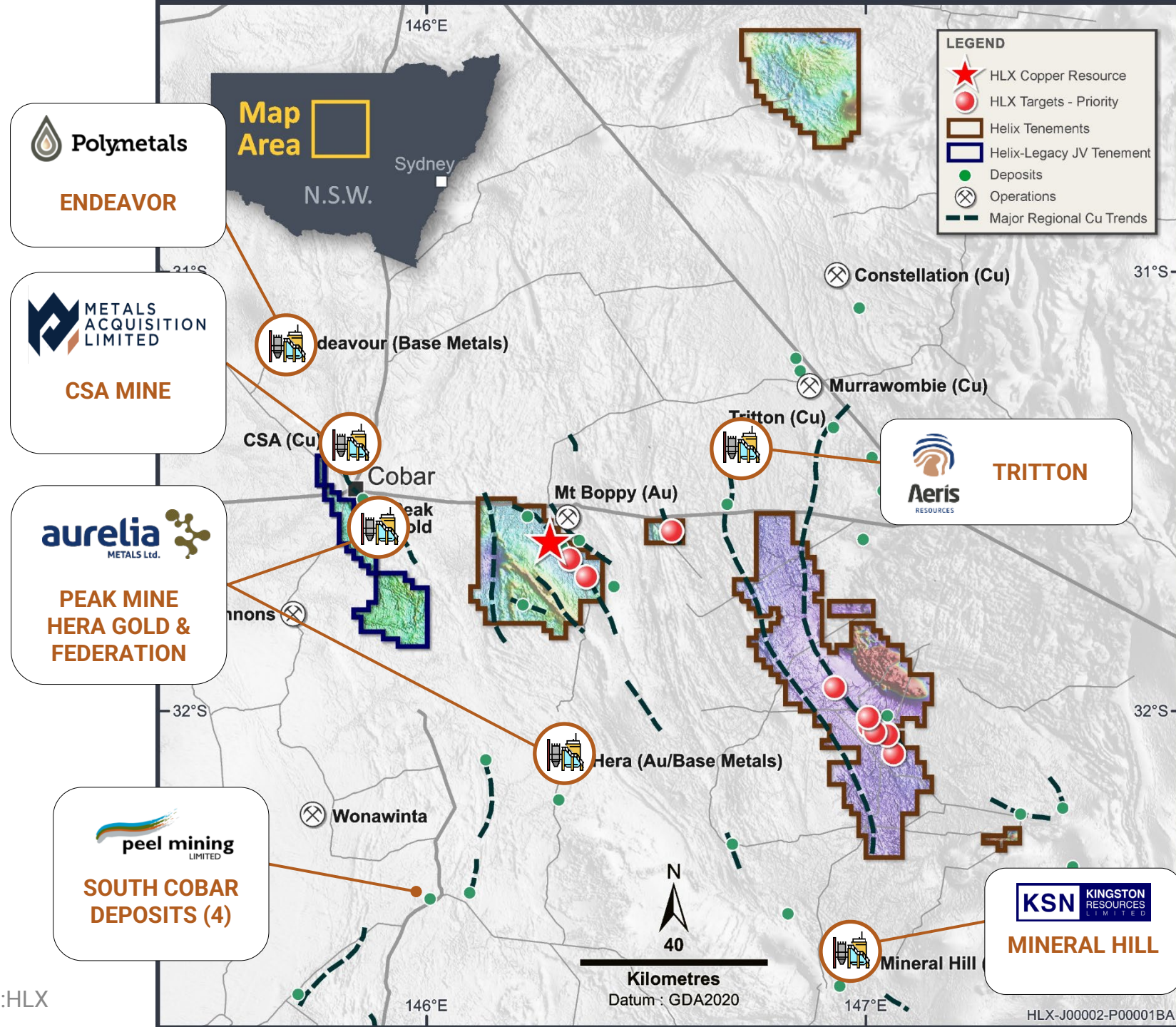
Large strategic land position

- ~3200 km²
- Copper and gold targets

Proximal to production and processing options

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

Refer to Slide 22 Appendix Endnotes for information sources



Leveraged to Discovery

Target pyramid with robust portfolio of copper and gold targets

Focus on drilling to advance priority targets



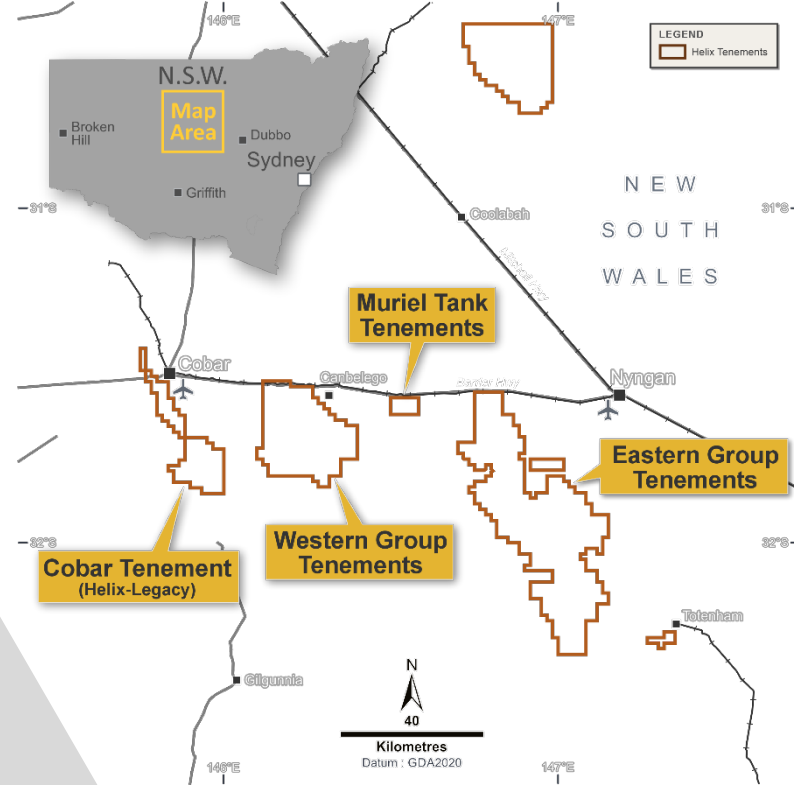
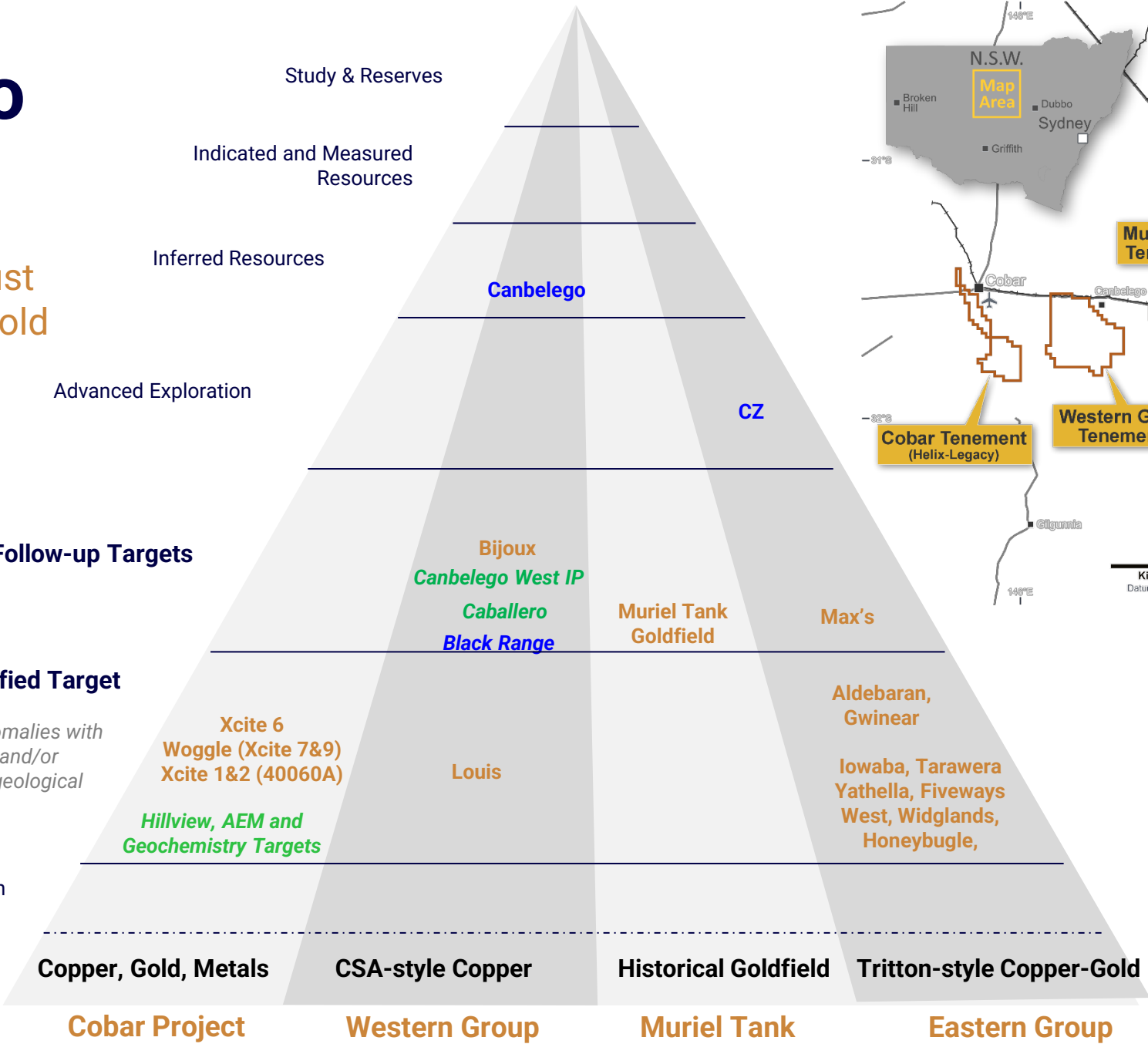
Follow-up Targets

Identified Target

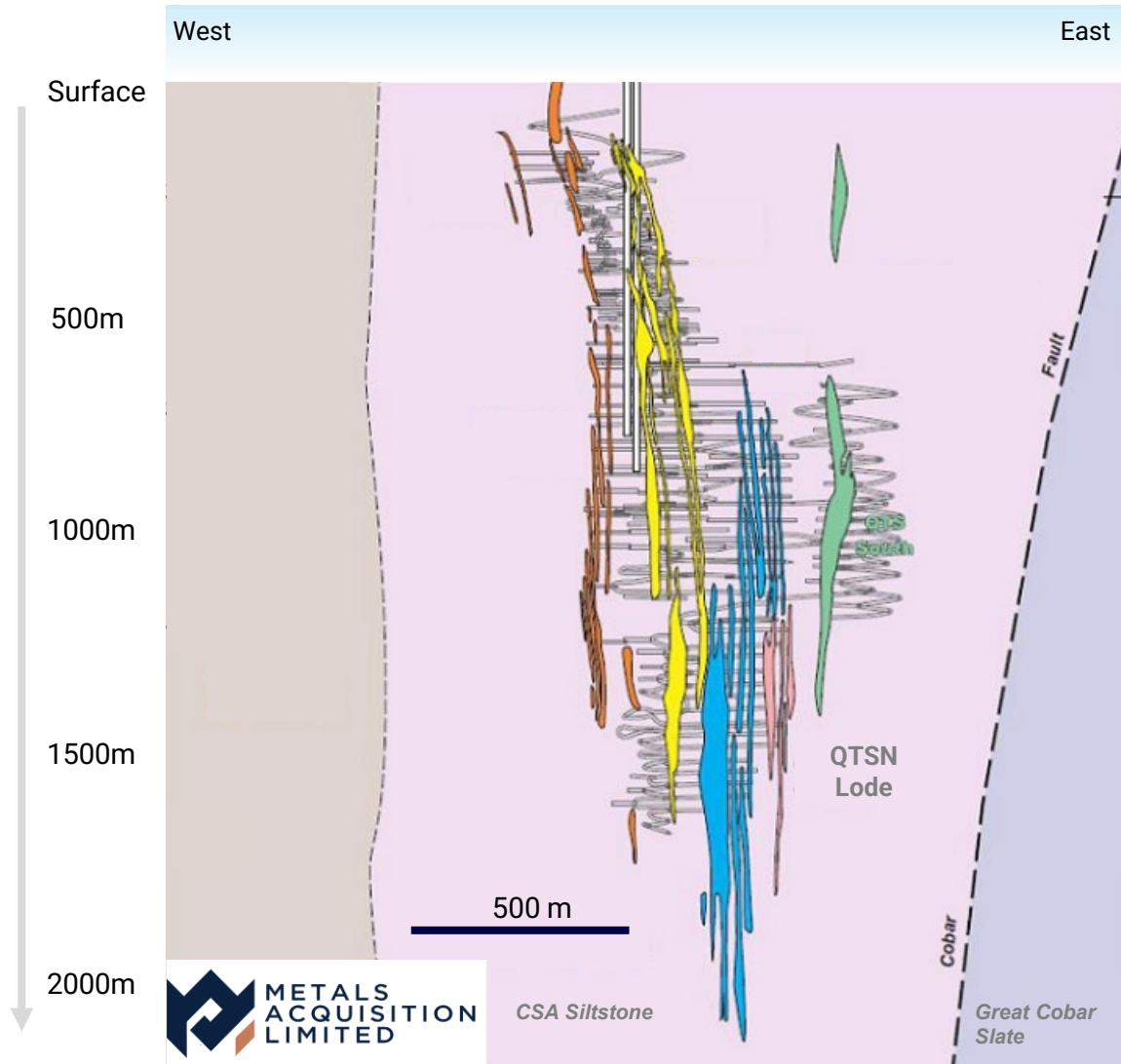
Coherent anomalies with good grades and/or prospective geological features

Target Delineation

Generative



Targeting 'CSA-style' Deposits



CSA Mine :

- **Long lived:** Copper, lead and zinc was discovered in 1871 and mine development at CSA began in the early 1900s
- **Rich high-grade copper lodes** occur over a 2 km depth
- **Largest operation** in the region – ~40kt of copper produced per annum²
- **Large endowment:** ~1.4 Mt Cu¹ and current Mineral Resources² of 13.3Mt @ 5.3% Cu



Cobar Project

Earn-In with Legacy Minerals (ASX:LGM)

Diversification and expansion

- Earn-in with Legacy Minerals¹ on 303 km² area
- Prospective for high-grade Cu, Au, Pb, Zn, Ag

Adjacent Major Deposits and Cobar Trend

- Only ~3 km to Peak gold-base metal mines and ~13 km to CSA Copper Mine
- Covers parallel major structural corridor

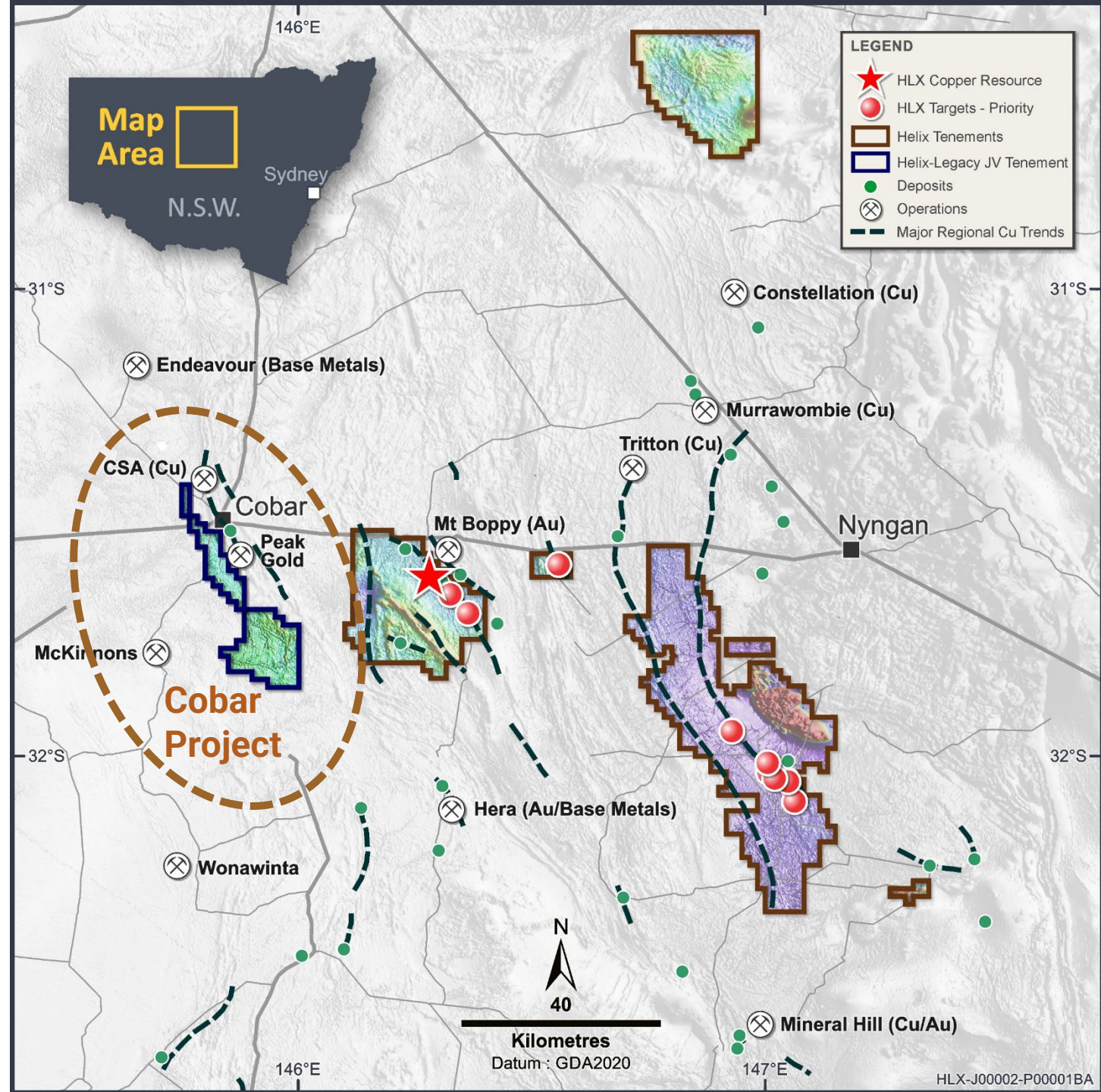
Immediate drill targets

- Compelling airborne geophysics targets
- Undertake surface geophysics then drill test

Earn-in terms

- Stage 1 to 51%: 700 m drilling in year 1 (\$800,000 spend in 2 years)

Refer to Slide 22 Appendix Endnotes for information sources



Cobar Project

Moving to drill established targets

Current Work focus:

- Surface geophysics (EM) program commencing soon
- Results will be used to plan drillholes

Woggle

- Target: CSA-style magnetic and airborne EM anomalies (interpreted as presence of pyrrhotite, a signature of CSA deposits)
- Geology: Major structure plus same lithology as CSA copper deposit (CSA Siltstone / Upper Amphitheatre Group)

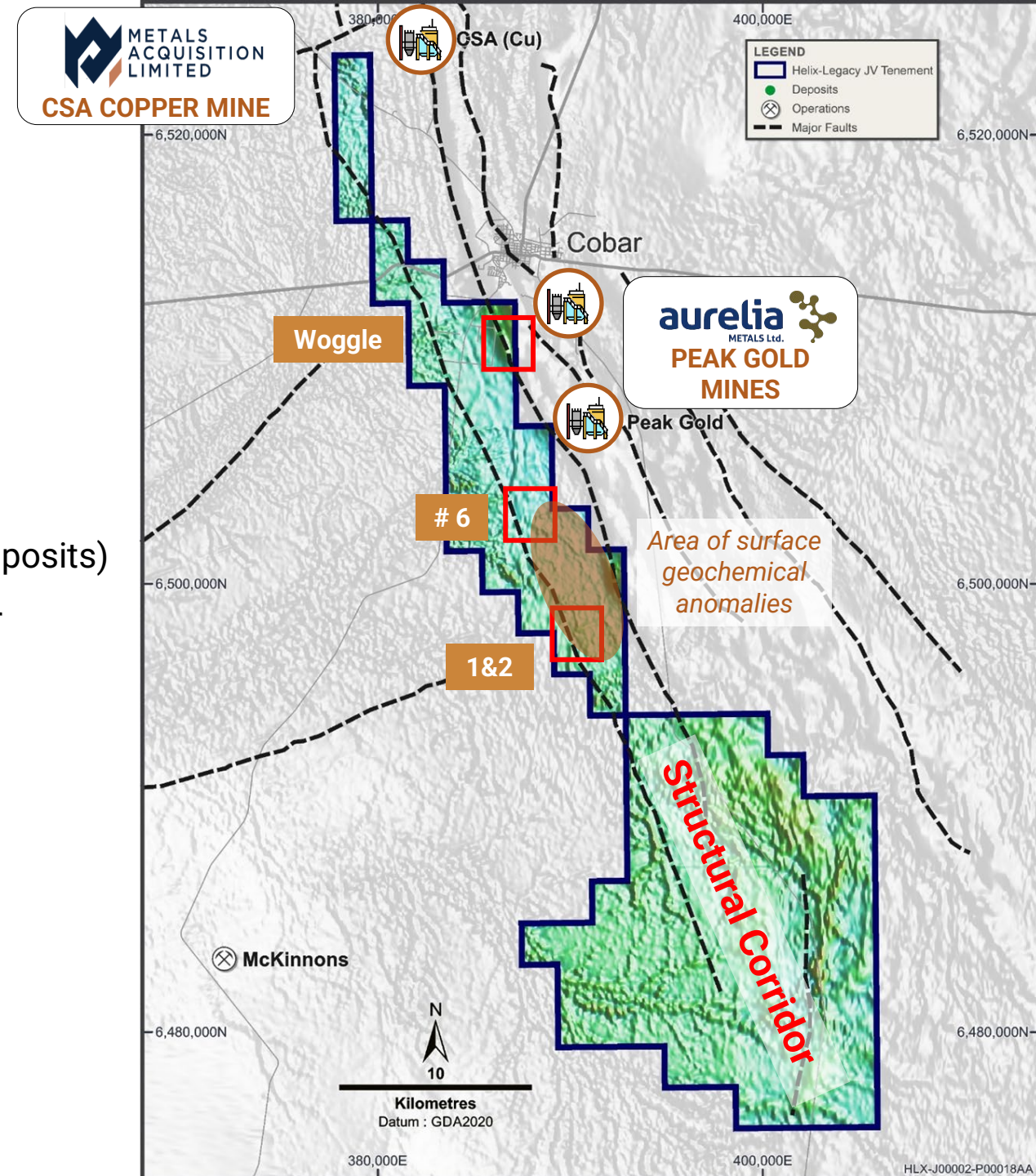
Number 6

- Strong airborne EM anomaly along strike of anomalous geochemical trend

1&2

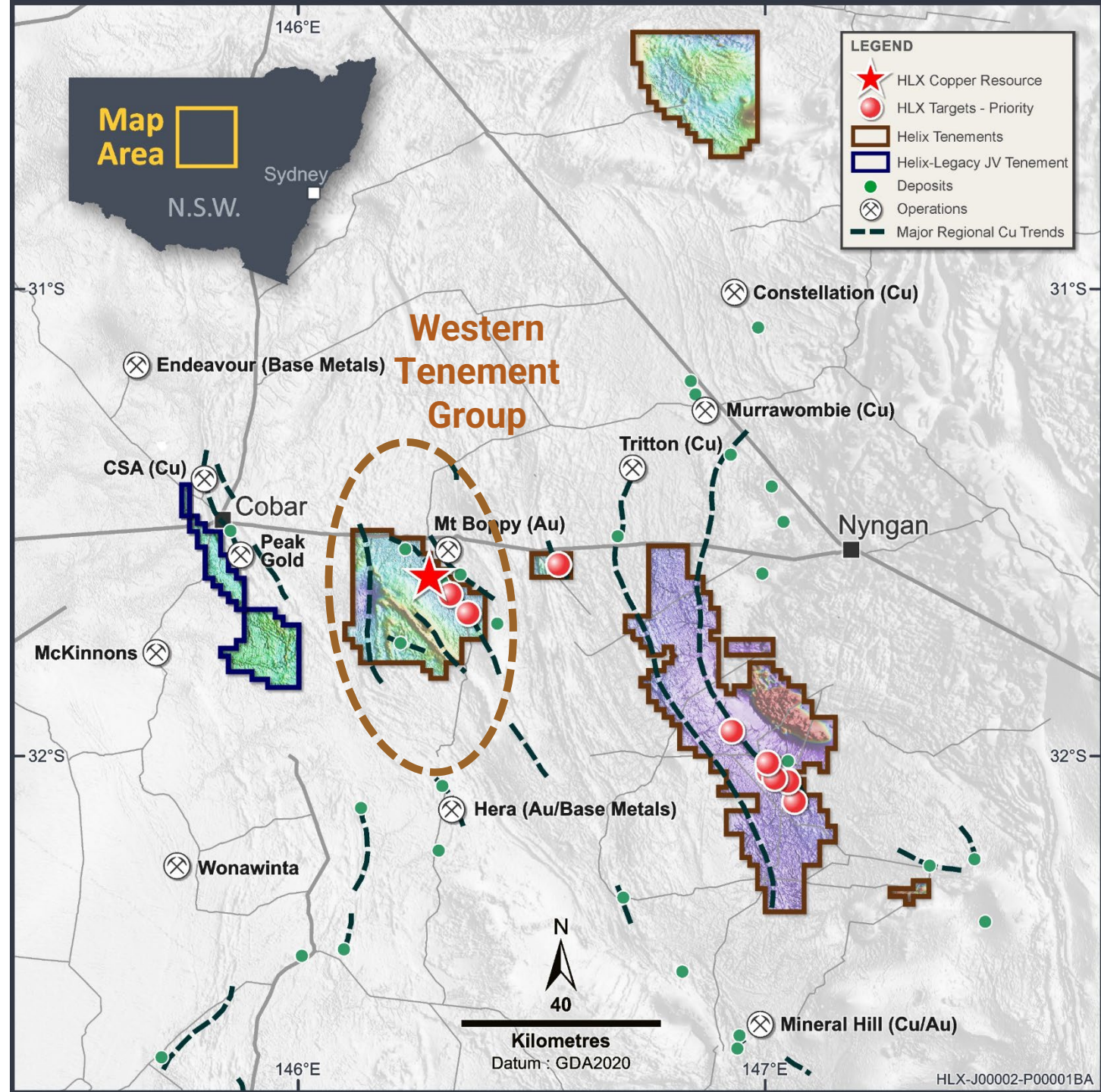
- Airborne EM anomalies on two survey lines

Refer to Slide 22 Appendix Endnotes for information sources



Western Tenements CSA-style Copper

**Full profile of copper opportunities:
A Mineral Resource at Canbelego,
robust identified targets, and plenty
of untested early-stage upside.**

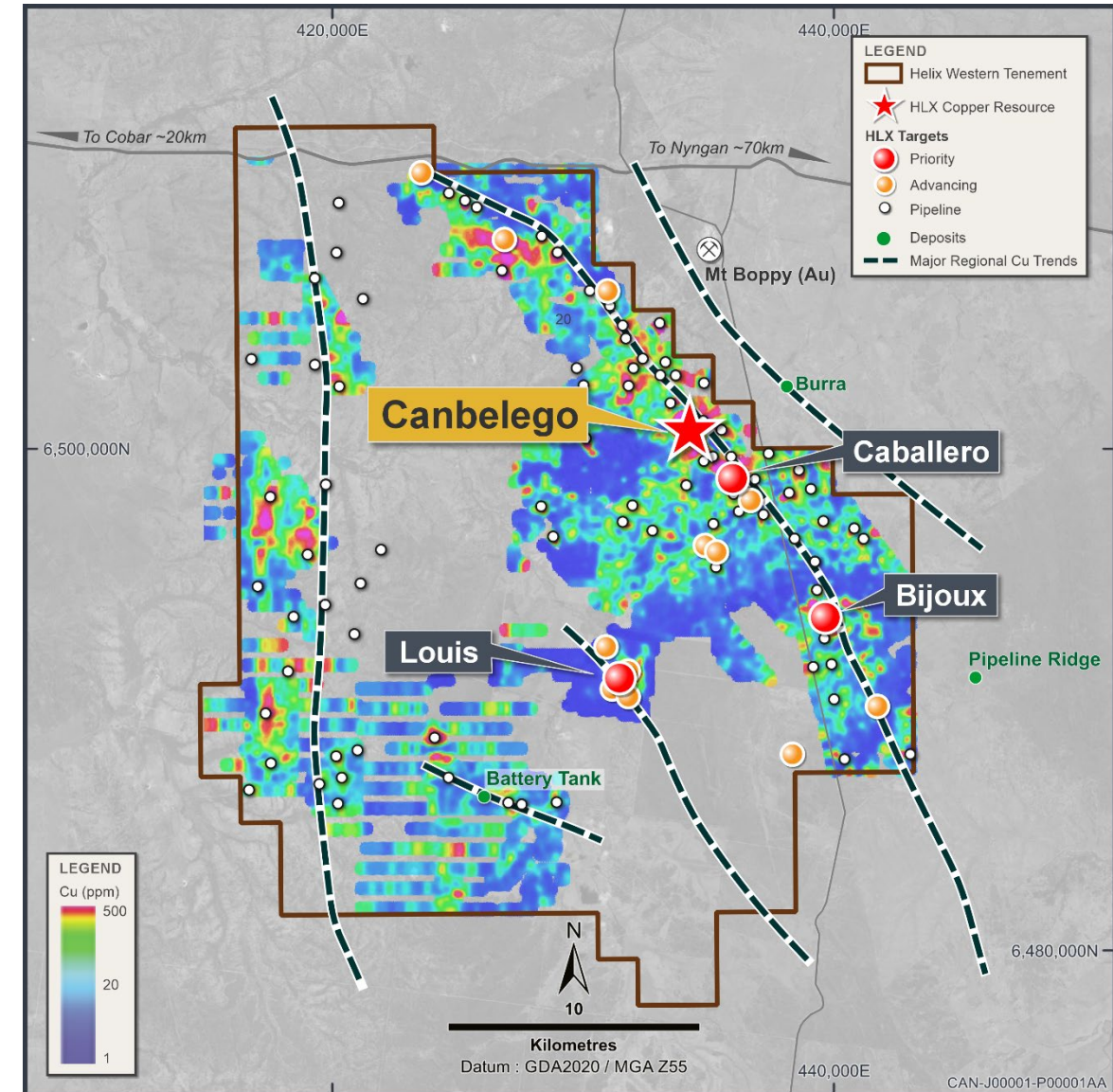
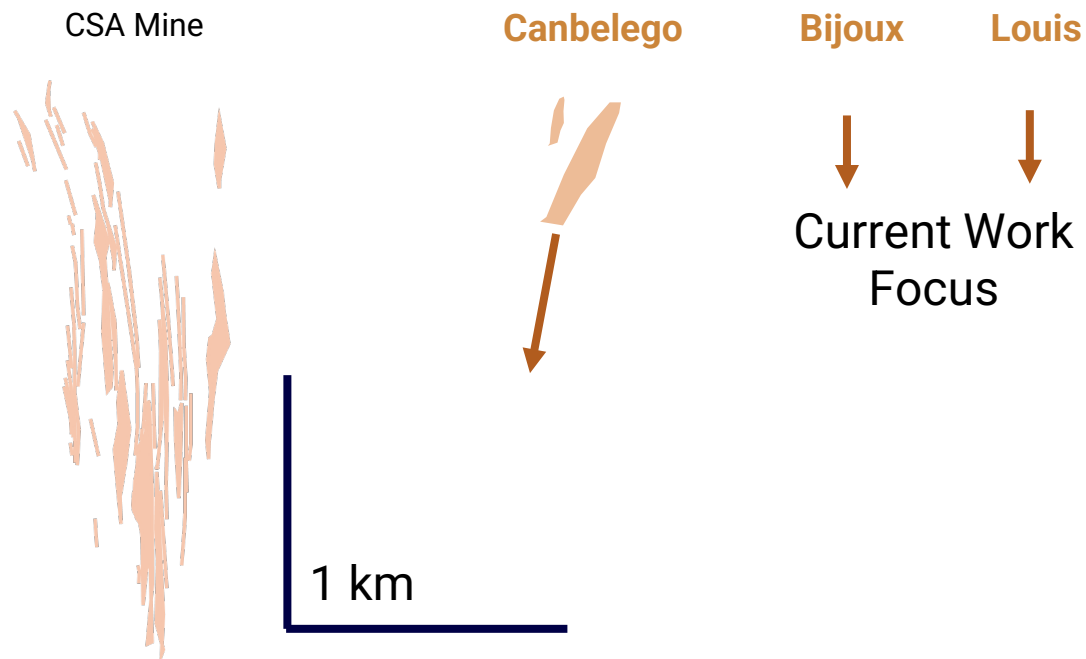


Western Tenements CSA-style Copper

Moving to drill established targets

Helix portfolio includes:

- **Canbelego** Main Lode Copper Resource
 - 1.83 Mt at 1.74% Cu with 31.8 Kt contained copper¹
- **Bijoux** – extensive untested copper footprint (some drilling)
- **Louis** – cluster of copper auger anomalies with no drilling²

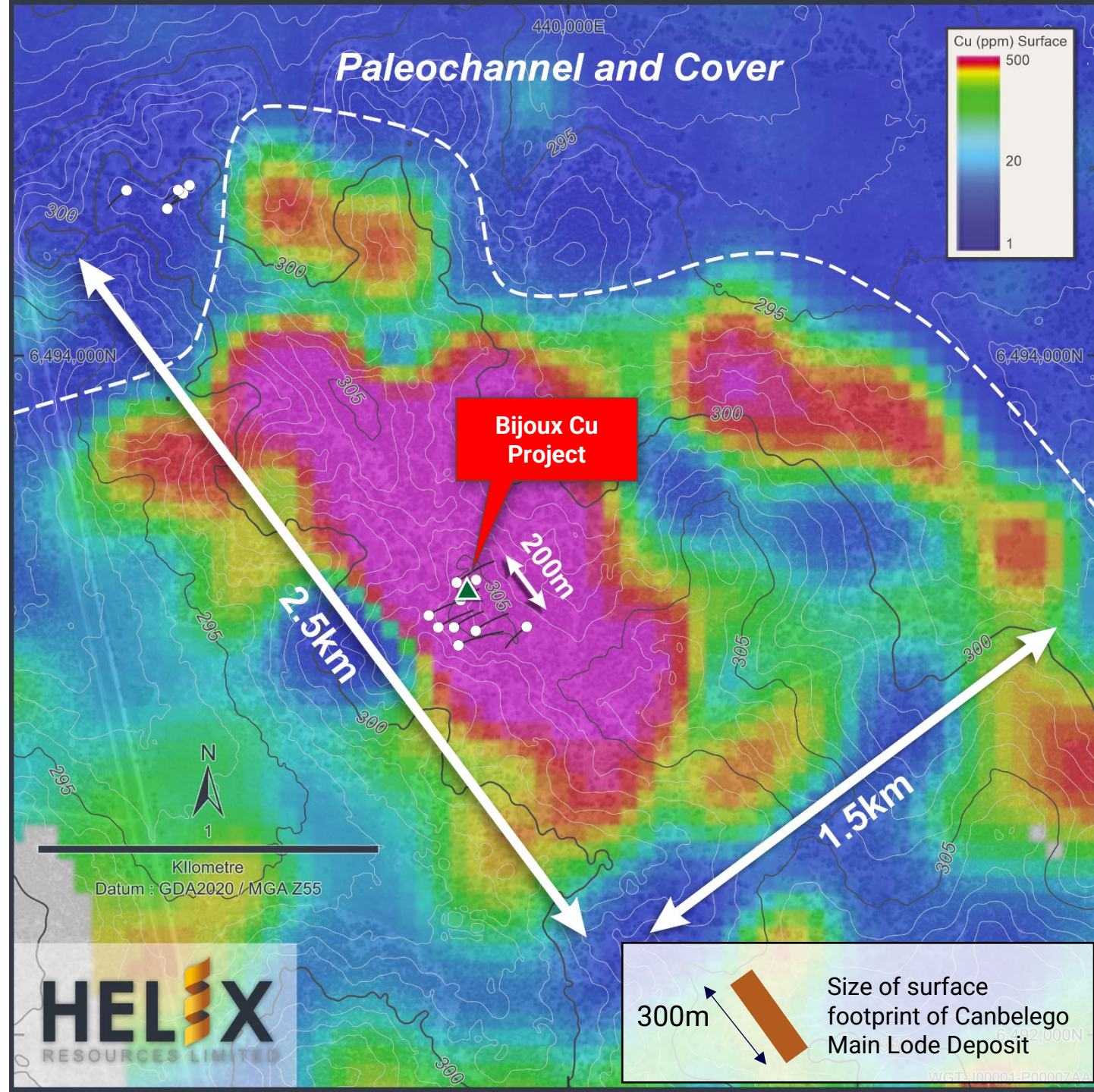


Bijoux Copper Project

Extensive untested copper footprint

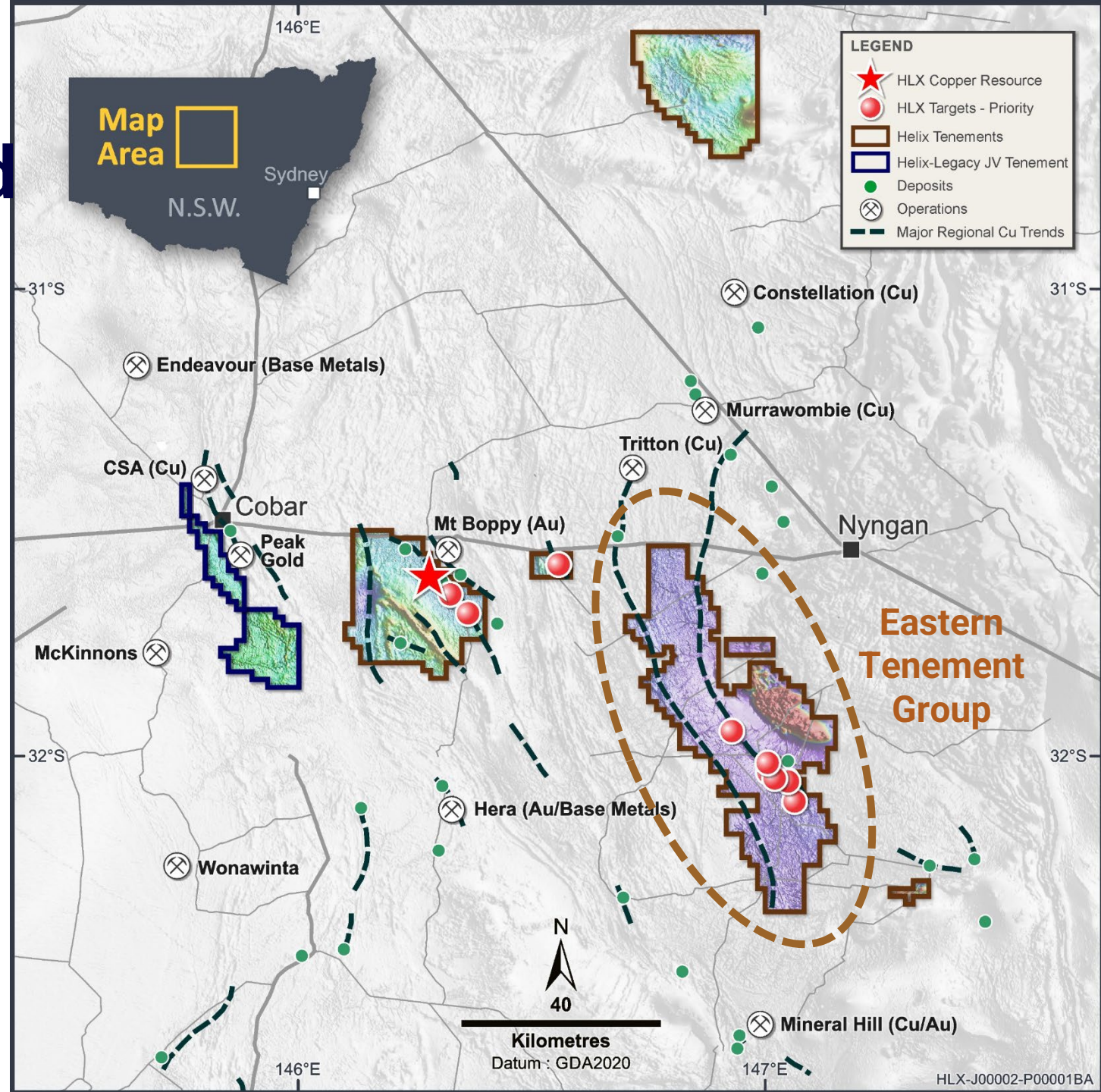
- +2 km long copper surface geochemical anomaly¹
- Oxide and sulphide copper mineralisation outlined over 200 m in all drillholes²
 - 36m at 0.99 % Cu inc. 6m at 1.99 % Cu (oxide)
 - 2m @ 5.76 % Cu (sulphide)
 - 11m at 0.17 % Cu (northwest drillhole) – hence still within the low-grade copper structure
- Auger infill completed (awaiting lab results)

Refer to Slide 22 Appendix Endnotes for information sources



Eastern Tenements Tritton-style Copper-Gold

First systematic regional
geochemical coverage identifying
new, large-scale anomalies
consistent with “Tritton-style”
pathfinder anomalies.

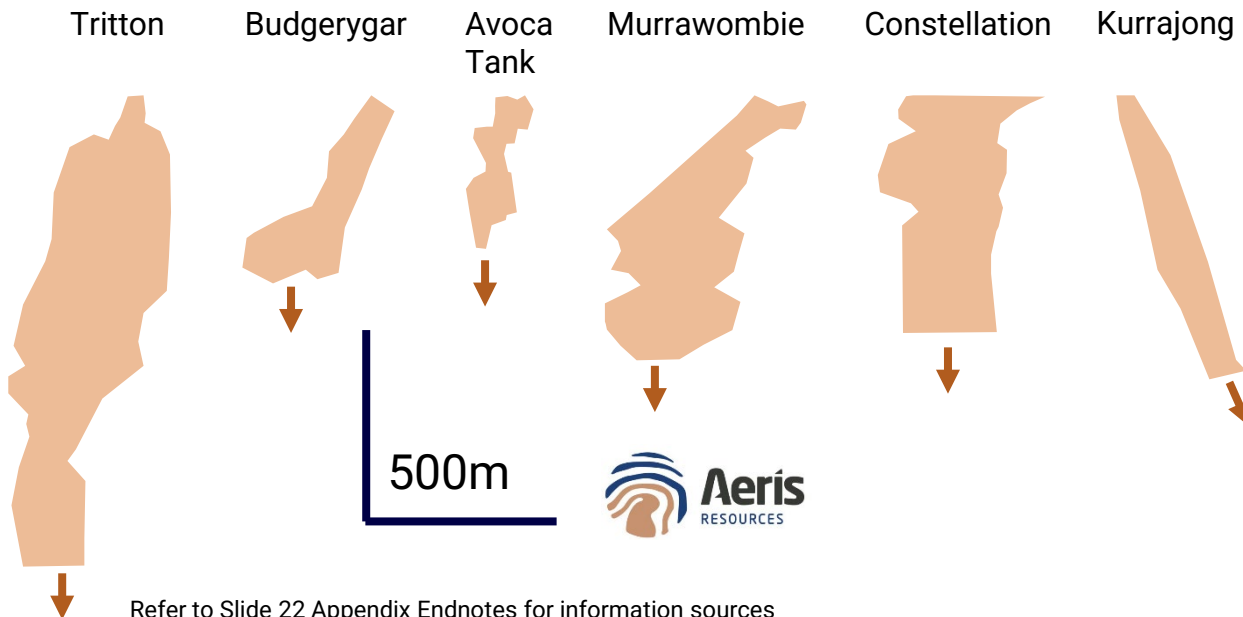


Tritton-style Copper-Gold

140 years of copper history

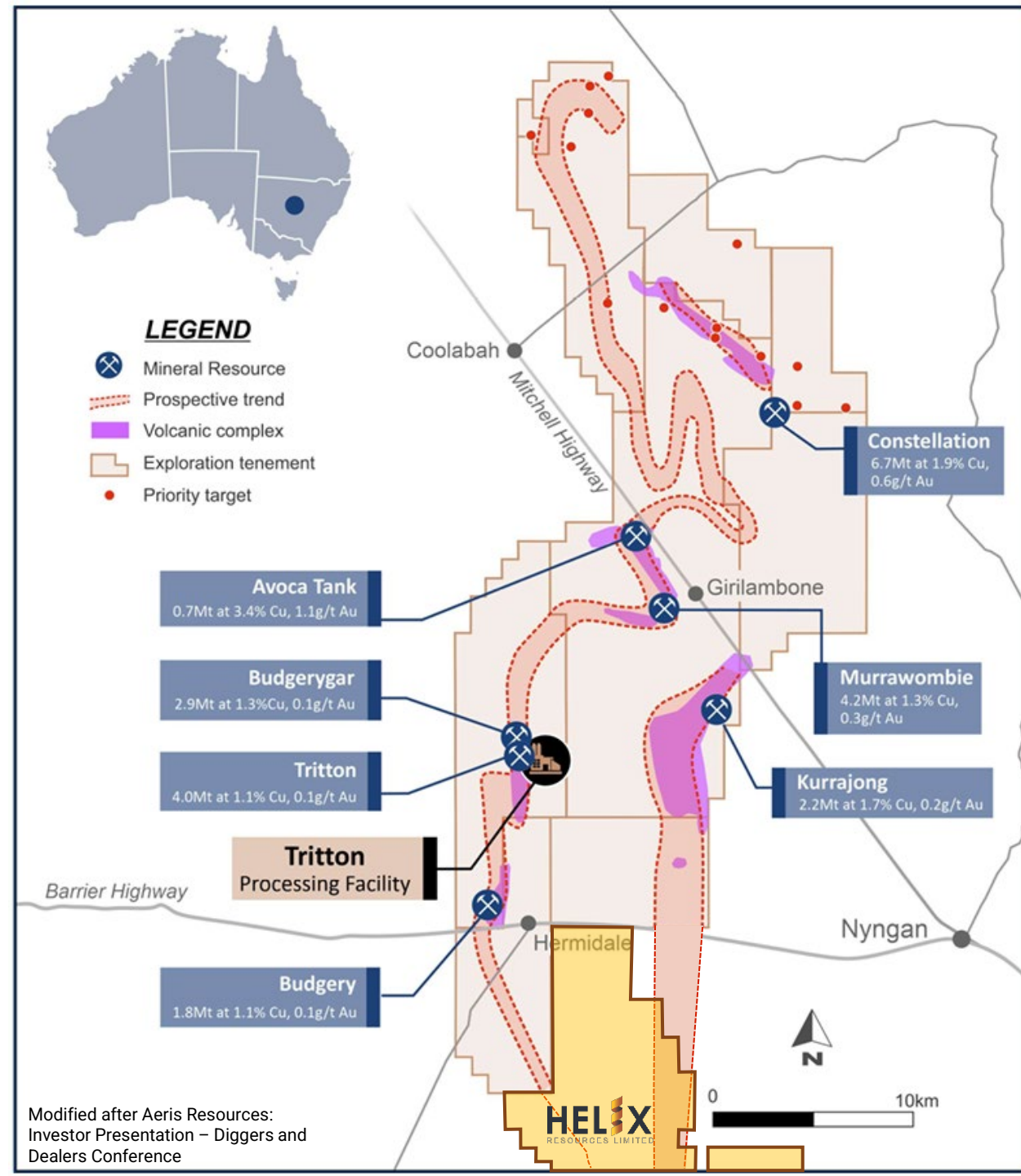
- Helix tenements are along trend from multiple copper-gold mines and deposits (copper was first discovered in 1875)
- Established infrastructure and the Tritton Processing Facility
- Distinctive subtle geochemical pathfinder footprints can be used to focus surface exploration (Au and Sb, As, Zn, Bi, Cu¹)

Schematic long sections of Aeris copper deposits²



Refer to Slide 22 Appendix Endnotes for information sources

INVESTOR PRESENTATION | AUGUST 2024 | ASX:HLX



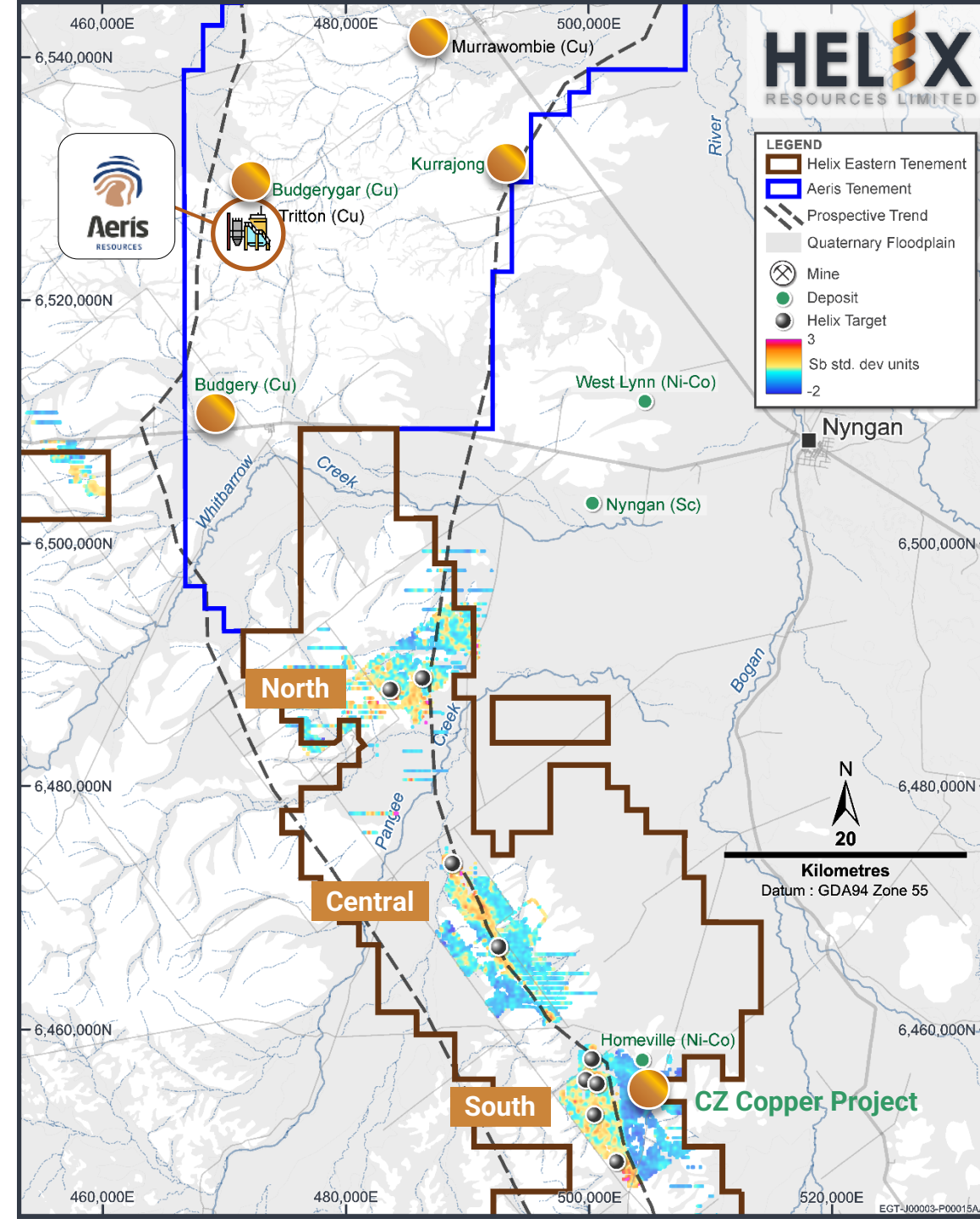
Eastern Group Tenements

Multiple new targets for Tritton-style copper-gold

- Collerina Corridor is the southern extension of the Aeris Copper mines
- New targets were discovered in March 2024 by regional reconnaissance auger programs¹
- Discovery of robust gold and pathfinder anomalies similar to those in nearby copper mines (note: copper is often depleted in the weathering profile so we rely on pathfinders for exploration)



Refer to Slide 22 Appendix Endnotes for information sources



Eastern Group Copper-Gold

Infill and extension auger sampling ongoing to refine best targets for drilling later this year

North: lowaba and Tarawera

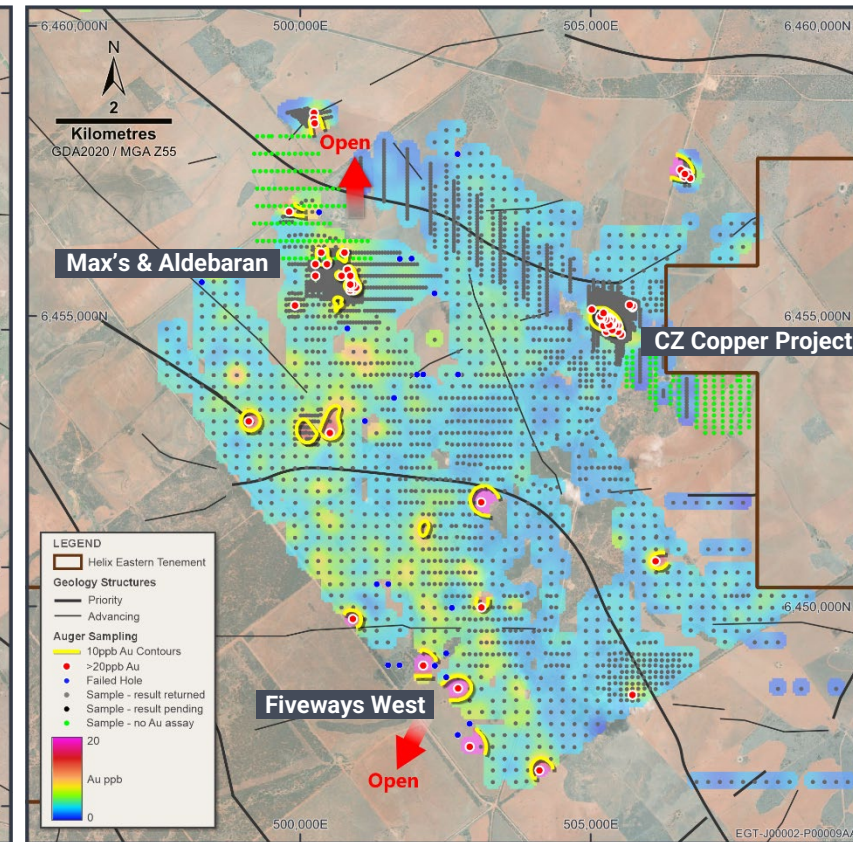
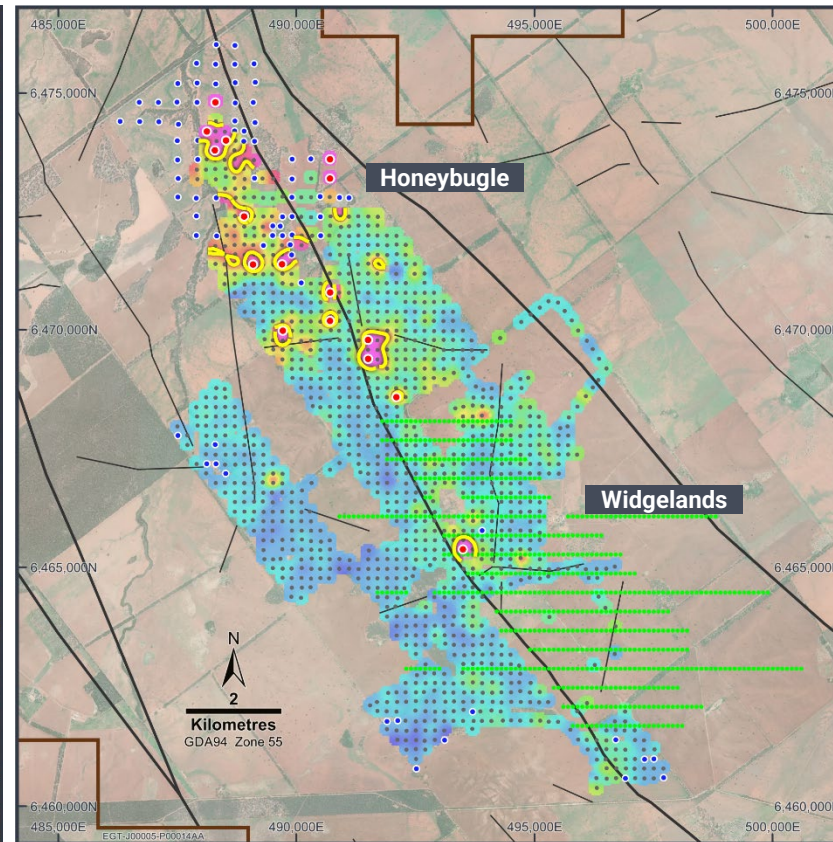
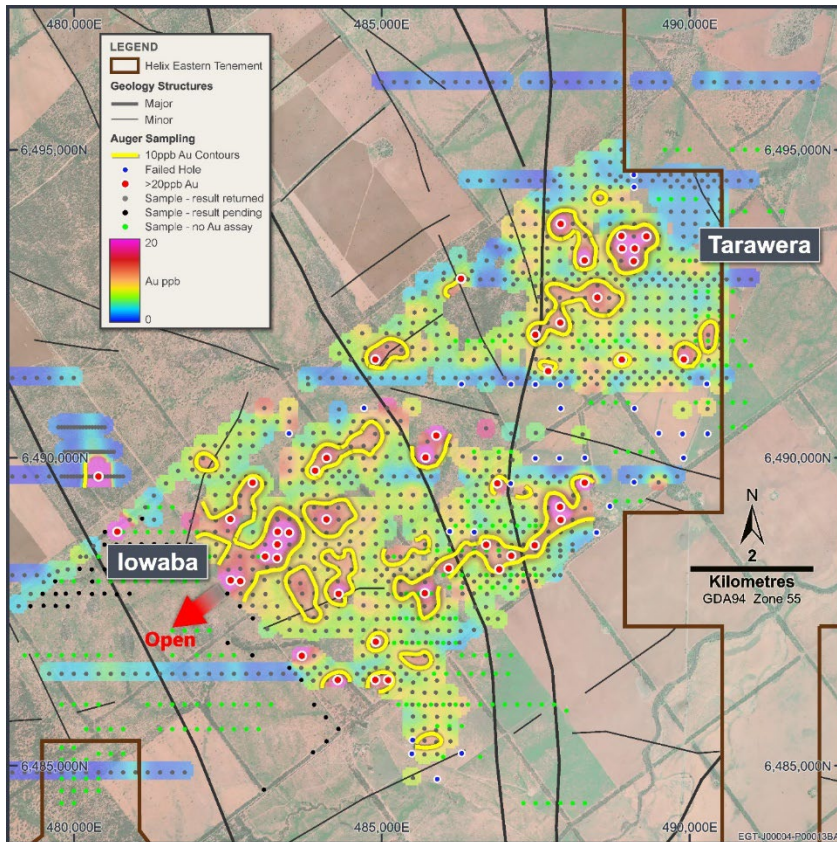
- Multiple +2 km long gold anomalies.
- Open to the southwest
- No sampling to the north and south

Central: Honeybugle, Widgelands

- Widgelands: 9.16% and 3.97% Cu in old workings¹
- Honeybugle is open to the north where the cover is too deep for auger sampling and we will require aircore drilling

South: Max's & Aldebaran

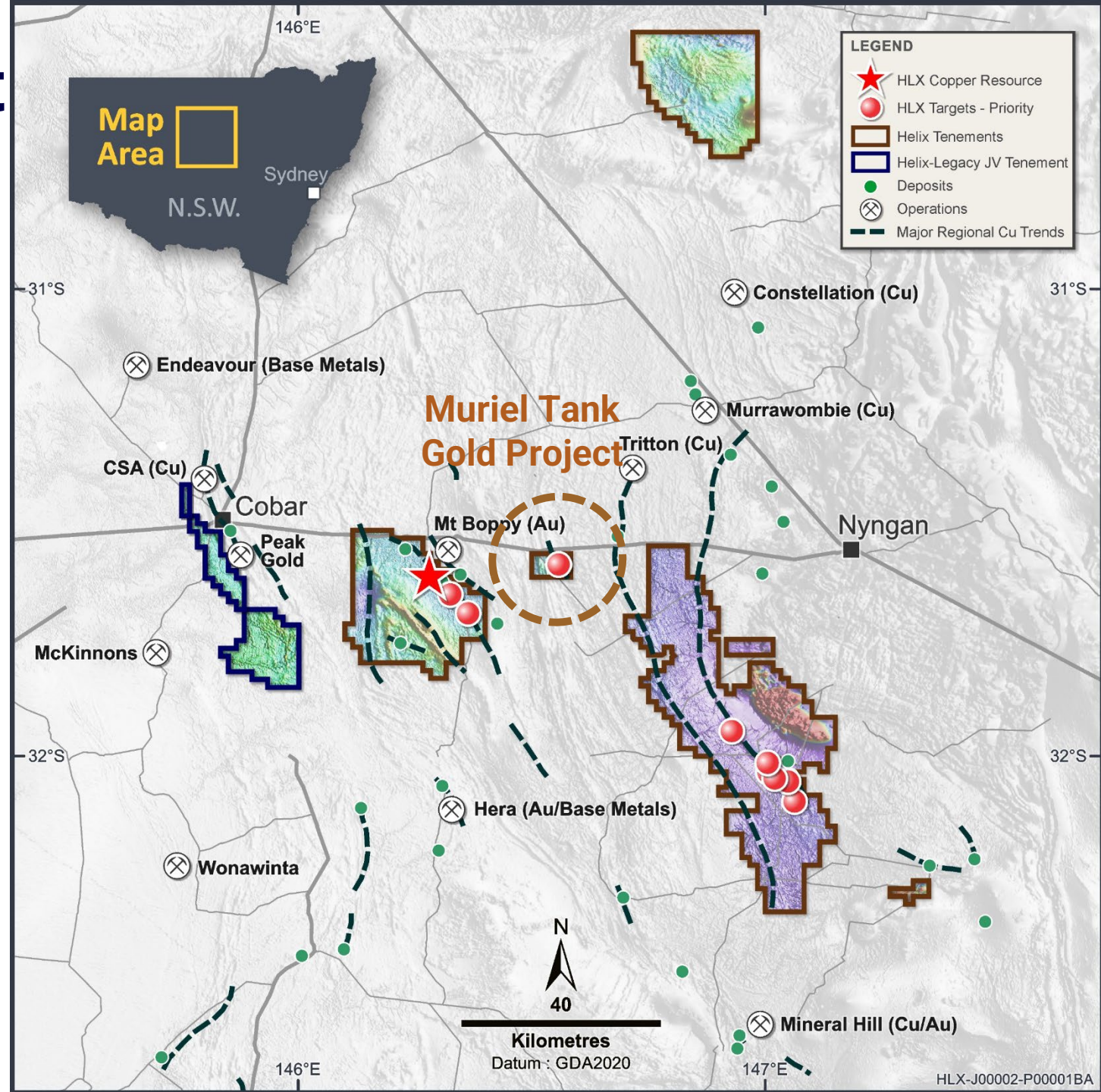
- Old workings tested by a drillhole (16m @ 0.35 g/t Au from surface) then hit mine stopes¹
- Rock samples with Au (best 8.9 g/t Au and 0.2 % Cu, plus anomalous As, Sb, Pb)¹



Muriel Tank Gold Project

Historic, high-grade gold mining centre well located with respect to existing gold mines. A new exploration focus for Helix with field work planned to commence in September.

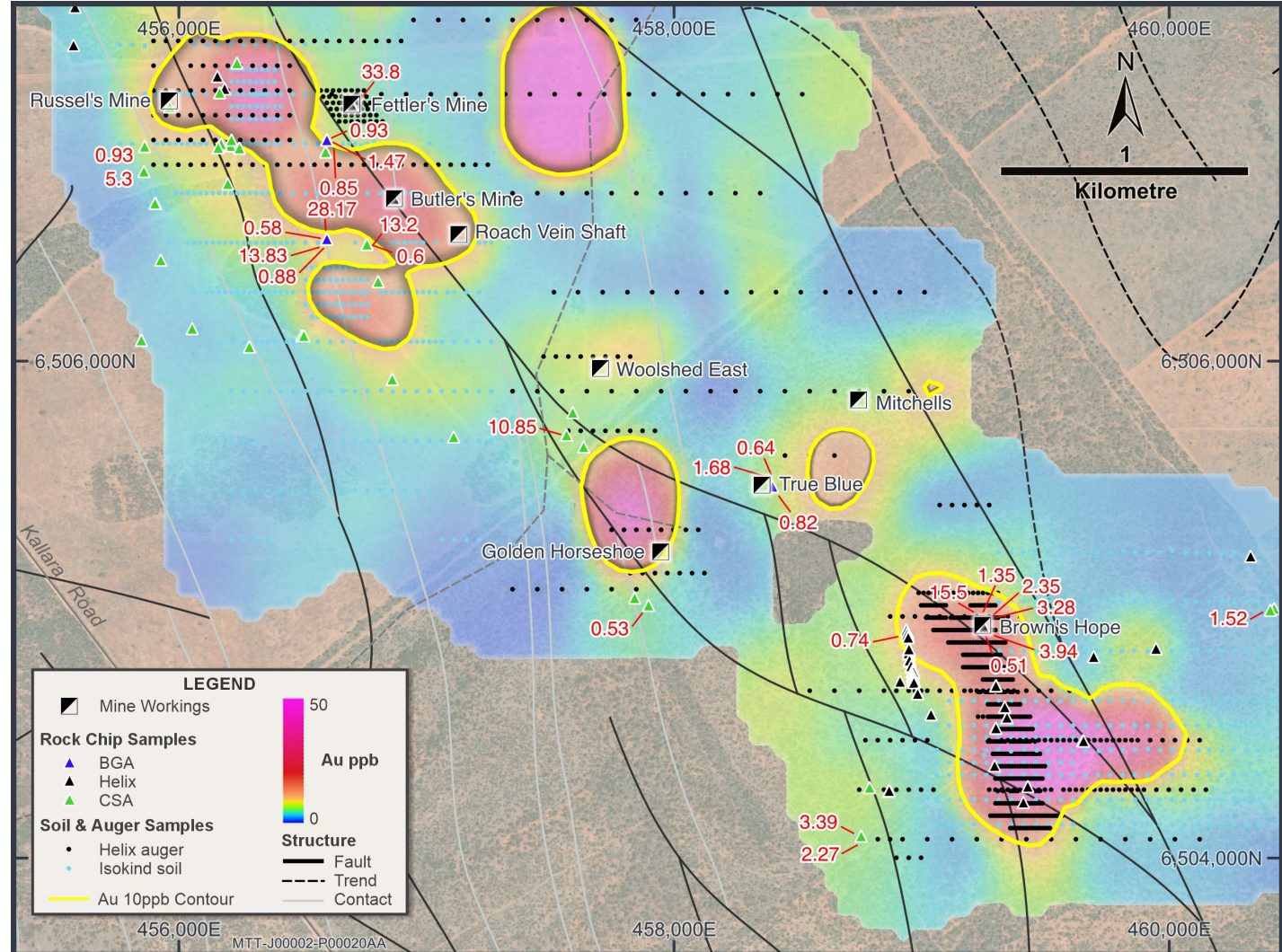
Refer to Slide 22 Appendix Endnotes for information sources



Muriel Tank Gold Project

Historical Gold Mine Workings

- 5 km by 1.5 km target zone containing multiple shallow historical mine shafts that produced high-grade gold (~15 g/t Au)
- Located 20 km east of the Mt Boppy Gold Mine (owned by Manuka Resources) where a new gold plant is under construction
- Veins are open along strike and to depth. All workings are located on outcropping veins. Although there is some past drilling under historical shafts, project has not been tested by systematic drilling.
- Historical rock chip sample results show that high-grade gold is present in both quartz-vein samples and the wall rocks:
 - 13.8 g/t and 28 g/t gold from quartz at Butlers
 - 10.8 g/t gold from quartz at Woolshed East
 - 9 g/t and 5g/t gold from quartz at Russells
 - 33.8 g/t gold in wall rock greywacke at Fettleers
 - 15.5 g/t gold in wall rock shale at Browns Hope
- Helix will undertake auger sampling to test for vein strike extensions (under shallow cover) between known veins and historical workings followed by drilling



Outlook

Discovery focus – lining up for drilling at all projects

Cobar Project

- **Sept:** surface geophysics on 3 targets
- **Oct/Nov:** permitting and drilling
- **Dec:** drill results

Western Tenement Copper Projects

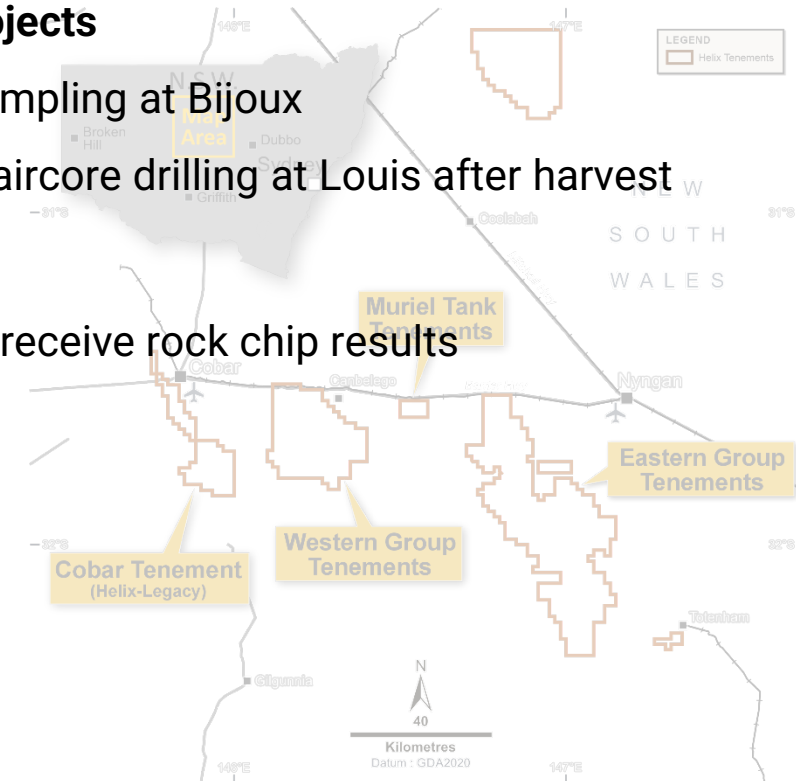
- **Sept:** receive infill auger sampling at Bijoux
- **Oct/Nov:** drilling at Bijoux; aircore drilling at Louis after harvest

Muriel Tank Gold Project

- **Sept:** new auger sampling, receive rock chip results
- **Dec:** drilling

Eastern Tenement

- **Sept:** infill auger sampling
- **Dec:** drilling (after harvest)



Corporate Perspectives

Investment Summary
(ASX:HLX)

Active Copper & Gold Explorer

- Funding: ~\$2.7 million*
- Robust copper and gold portfolio
- Proven established mining region
- Drilling on all projects
- ASX leverage to discovery
- Management and local expertise

Contacts

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Perth WA 6000

T: +61 8 9321 2644

helixresources.com.au

ASX:HLX

Slide Number	References
3	Source for Sprott Copper Opportunity infographic: sprott-inforgraphics-the-copper-opportunity.pdf (sprottets.com)
4	<i>Picture Source: ABC News. Further detail of the Native Title determination was reported by ABC News on Wednesday 14 August. <u>Federal Court recognises four-nation clan's 95,000-square-kilometre native title claim in Western NSW - ABC News</u></i>
5	Refer Appendix B for details and data sources.
7	CSA Mine: 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 . Photo sourced from Metals Acquisition website.
8	Cobar Project. ASX Announcement: 19 August 2024
9	Cobar Project. ASX Announcement: 19 August 2024
11	Western Tenement. ASX Announcements: (1) 14 June 2023 and Appendix A (2) 22 November 2023 which includes the description of anomalies in the Louis. CSA deposit outline Cross Section modified from sec.gov/Archives/edgar/data/1853021/000110465922067125/tm2217160d1_ex96-1.htm .
12	Bijoux: ASX Announcements: (1) 22 November 2023 (2) 30 November 2023 & 15 January 2024
14	Tritton Style Copper-Gold: (1). CRC LEME 2004 Report: Tritton Copper Deposit, Girilambone District, NSW by BR Ackerman and AR Chivas. (2). Copper deposit outlines sourced from Aeris Resources ASX Announcements: 4 April 2023, 13 April 2022. Figure of Aeris Mines sourced from Aeris Resources: 5 Aug 2024 Investor Presentation DIGGERS AND DEALERS PRESENTATION. For details of the Mineral Resources, see Aeris ASX announcements "Group Mineral Resource and Ore Reserve Statement" dated 17 June 2024.
15	Eastern Tenement. ASX Announcements: (1) 19 March 2024
16	Eastern Tenement. ASX Announcements: (1) 20 February 2024 and updates: 19 March 2024; 29 April 2024; 25 June 2024; 1 August 2024
18	Muriel Tank. ASX Announcement: 28 August 2024. Source: Bendigo Gold Associates Annual Report 1989; Record Number: GS1989/048 (https://search.geoscience.nsw.gov.au/)
20	Corporate Perspectives. Cash Position as of 30 June 2024 Quarterly Report.

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 and fairly represents information and supporting documentation prepared by 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.

This presentation does not contain an offer of securities in a Company, nor an invitation to apply for such securities. Nothing in this document should be construed as investment advice or financial product advice, whether personal or general, for the purposes of Section 766B of the Corporations Act. The document does not involve or imply a recommendation or a statement of opinion in respect of whether to buy, sell or hold a financial product. You should obtain professional advice and carry out your own independent investigations and assessment of the Information before acting.

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

Where references in this presentation to visual results from RC and diamond core drilling may occur. Visible oxide mineralisation in RC drilling consisted of gossan and trace malachite. Fresh sulphide mineralisation (chalcopyrite and pyrite) consisted of disseminated, veins and stringers as well as semi to massive pyrite and chalcopyrite. 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 chalcopyrite. 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.

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 & underground MRE, <240mRL; 0.8 Cu% cut-off grade</i>			
Indicated	340,600	1.65	5,620
Inferred	1,493,700	1.75	26,140
Total: Opencut & Underground	1,830,000	1.74	31,842
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
Total: potential opencut MRE	377,000	1.23	4,637
<i>Potential underground MRE, <240mRL; 0.8 Cu% cut-off grade</i>			
Indicated	240,900	1.81	4,360
Inferred	1,211,400	1.88	22,774
Total: potential underground MRE	1,453,000	1.87	27,171

- * 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 OPERATIONS¹

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

CSA MINE²

- 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 OPERATIONS³ & HERA MINE

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

MINERAL HILL⁶

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



ENDEAVOR LEAD/ZINC⁴

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



MT BOPPY GOLD⁵

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



COBAR BASE METAL ASSETS⁷

- 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>