



(ASX:HLX)

High-Grade Cobar Copper to Power a Cleaner World



Hidden Gems Webinar
12 November 2021



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, Mineral Resource estimates and geological data for the Cobar projects is based on information generated and compiled by Mr Gordon Barnes and Mr Mike Rosenstreich who are both employees and shareholders of the Company. Mr Barnes is a Member of the Australian Institute of Geoscientists and Mr Rosenstreich is a Fellow of the Australasian Institute of Mining and Metallurgy. They both have sufficient experience that is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken to each 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 and Mr Rosenstreich have consented to the inclusion of this information in the form and context in which it appears in this report.

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INVESTMENT SNAPSHOT

WELL FUNDED, STRONG ASSETS, NEW TEAM – CLEAR STRATEGY

High-grade Copper Hits Around Existing Deposits¹

- Canbelego – 18m at 3.4% copper – extending mineralisation
- CZ – 7m at 2.8% copper (from 34m DH) - outlining new zones
- Lots of assays to come – drilling is ongoing

Strategic, Under-explored Regional Copper Trends

- High priority regional copper targets
- Major high-grade copper operations & discoveries 'along strike' to the north onto Aeris Resources' (ASX:AIS) ground
- 120 'strike-km' of under-explored prospective copper trends

Cobar Is A World-leading Mining Neighbourhood

- Cobar – well endowed copper (& gold) province
- Exceptional infrastructure with towns, airport, roads, water, power, telecoms and processing options within 75km

Highly Positive Copper Demand Outlook

- Copper is an essential metal for energy transformation



EXECUTING THE HELIX STRATEGY

LOOKING BACK ON 2021 SO FAR.....

Advanced Projects

- Completed ~3,500m in 25 drill holes across 2 advanced projects – CZ & Canbelego
- Hit copper in nearly all holes

Regional Targets

- Increased airborne EM (VTEM) coverage from 20 strike-km to 120 strike-km
- 24 high-priority regional targets generated
- Advancing the Quanda, Five ways and Bijoux prospects
- Increased land position by ~200km² and acquired a significant Ni-Co Mineral Resource¹

New Team, locally based

- Established Exploration base in Orange NSW
- Replaced the entire exploration team – now all based in Orange

Well capitalised

Electro-magnetics (EM) – the Cobar ‘ore finder’



Airborne VTEM Survey
(March 2021)

COBAR REGION METAL ENDOWMENT

FOCUSSED ON THE COBAR REGION, NSW

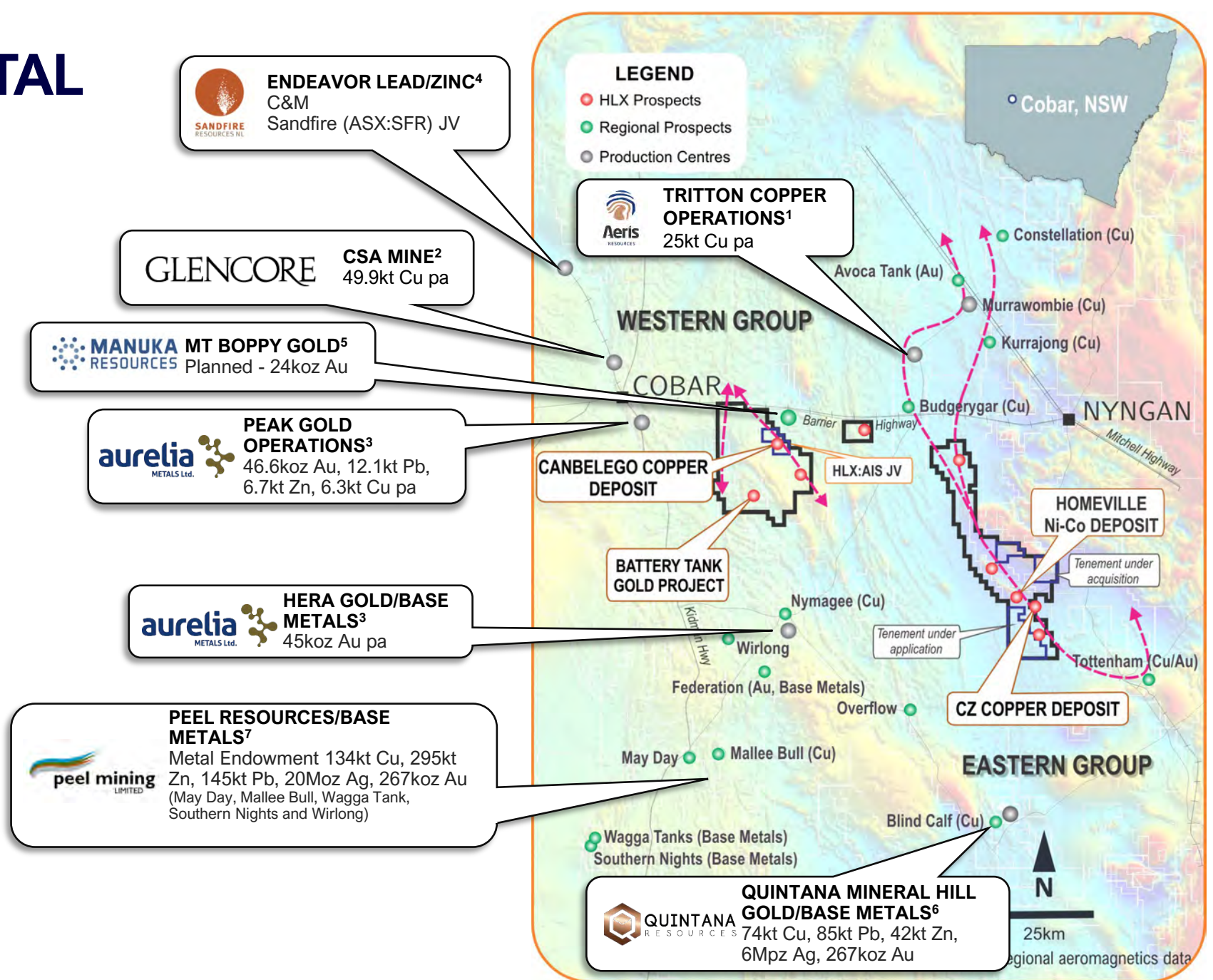
Major regional mineralised trends hosting:

■ Production hubs

- Glencore (LSE:GLEN)
- Aeris (ASX:AIS)
- Aurelia (ASX:AMI)
- Manuka (ASX:MKR)

■ Emerging producers

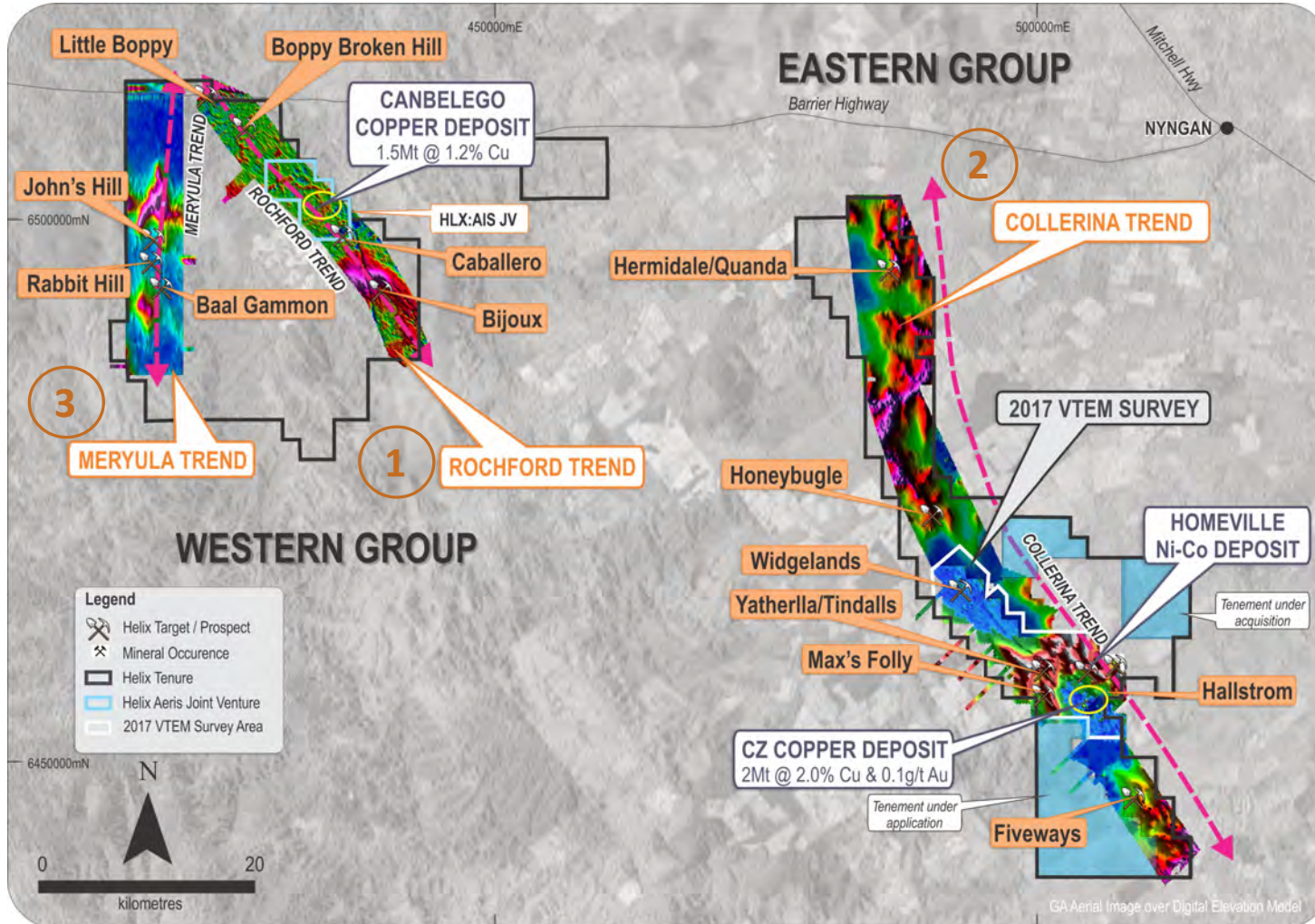
- Peel Resources (ASX:PEX)
- Quintana Resources (pvt.)
- Helix Resources (ASX:HLX)



Refer Appendix C for details and data sources.

COPPER IN COBAR – UNTESTED REGIONAL POTENTIAL

EXISTING MINERAL RESOURCES UNDERPINNED BY HIGH-PRIORITY COPPER TARGETS IDENTIFIED ON MAJOR REGIONAL TRENDS



Two main tenement groups: ~1,500km²

Three Major regional scale copper trends:

1. Rochford Trend – 30 km

- Canbelego copper (gold) deposit¹ – 1.5Mt at 1.2% Cu (JORC 2004)

2. Collerina Trend – 65 km

- The Central Zone (CZ) Mineral Resource¹ of 2Mt at 2% Cu¹

3. Meryula Trend – 25 km

- Earlier stage Cu (+Pb/Zn) targets

“EM finds copper in Cobar”

In March 2021, regional EM coverage increased from ~25km to ~120km of prospective copper trends.

1. WEST BLOCK - ROCHFORD TREND

EXTENDED MINERALISATION & NEW REGIONAL TARGETS

Advanced Project:

- Canbelego copper deposit – 1.5Mt at 1.2% Cu (JORC 2004)
- 70:30 co-funded JV with Aeris Resources (ASX:AIS). HLX – 70% & Manager

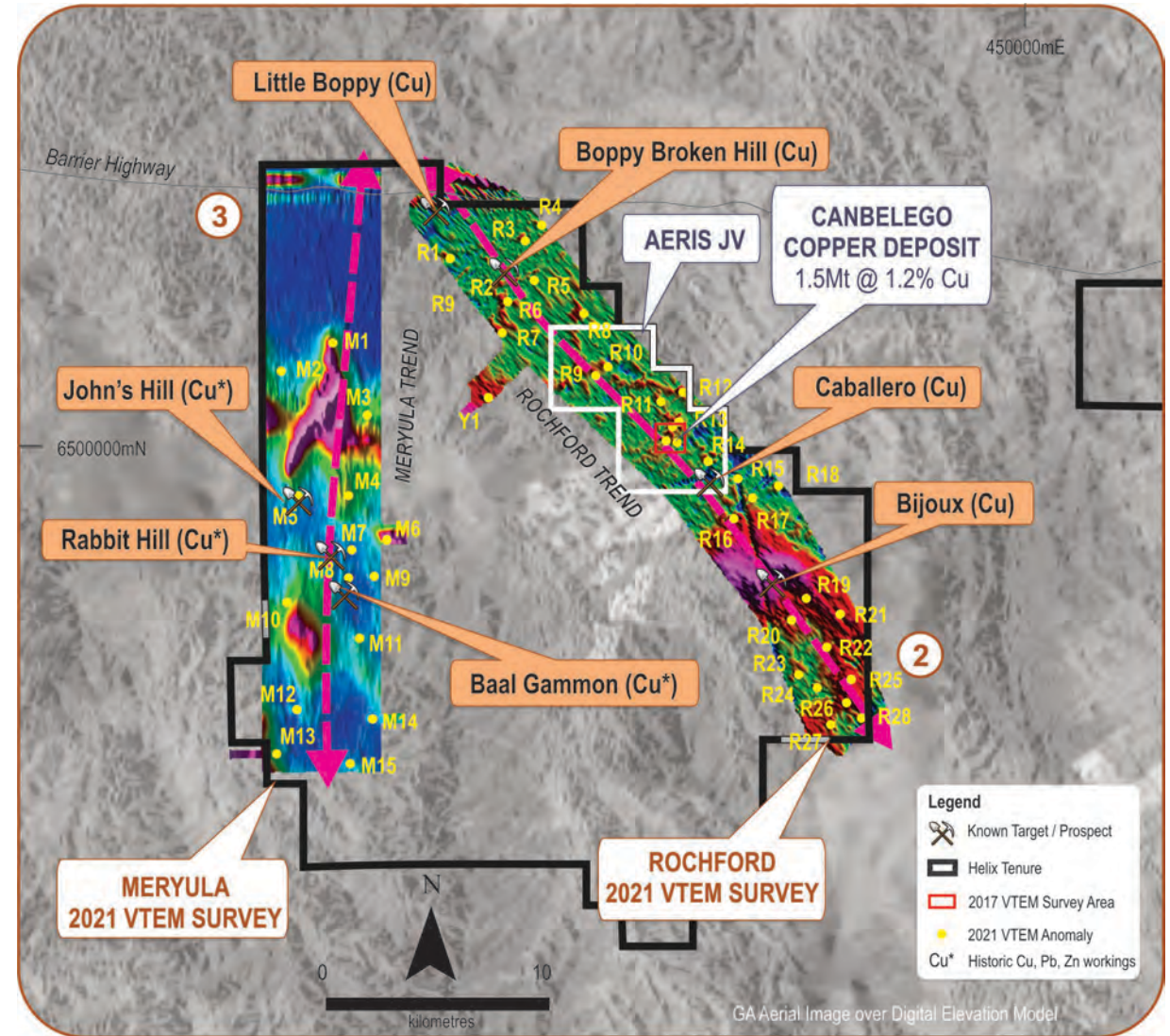
Regional Targets:

10 High-priority targets identified, including:

- Canbelego Extensions – North & South
 - Possible extensions and repeats of the Canbelego deposit
- Bijoux Prospect – significant anomalous drill intercepts

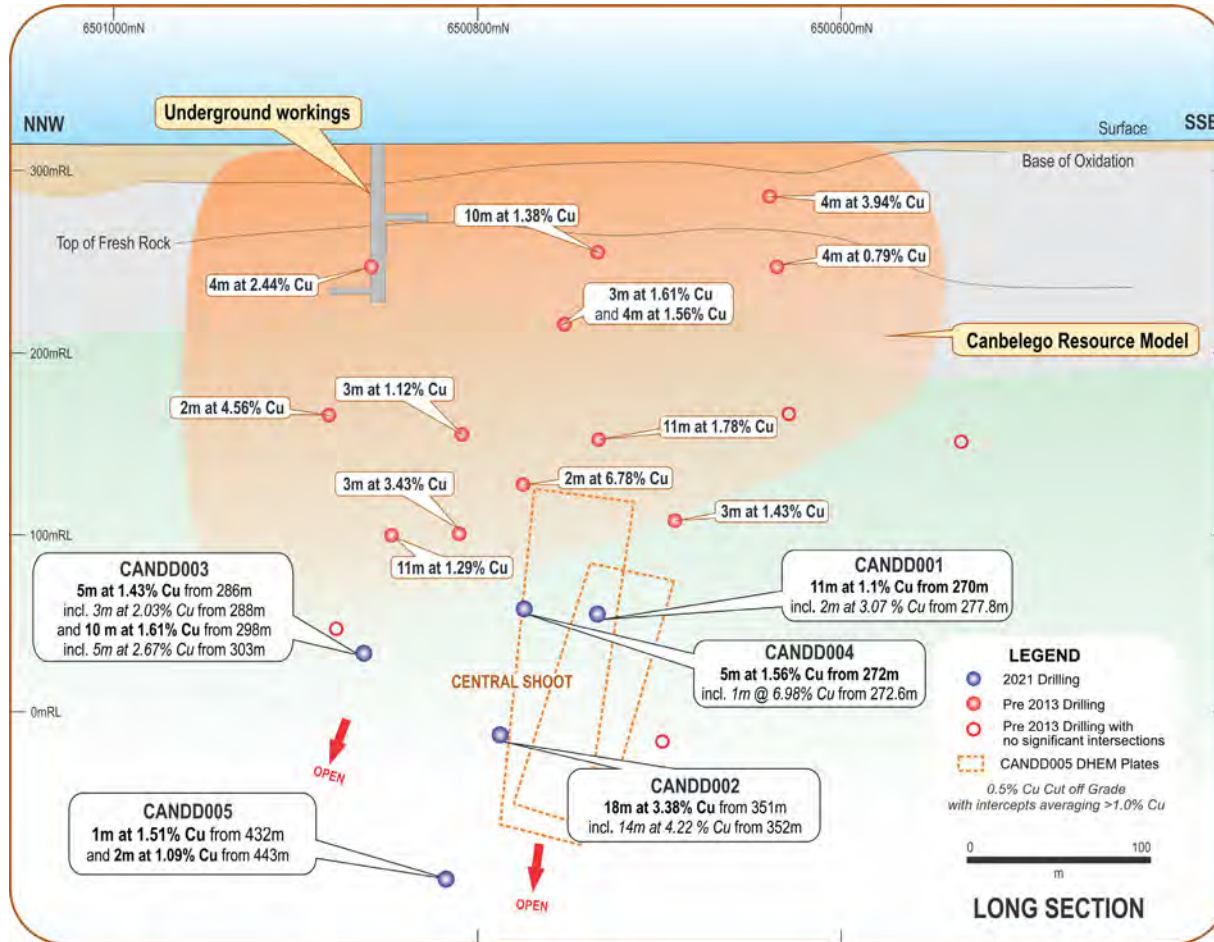
| Hole ID | Interval | Cu (ppm) |
|---------|----------|----------|
| BJRC003 | 10-38m | 2,200 |
| BJRC004 | 10-26m | 1,586 |

- Little Boppy – high priority regional VTEM targets



1. ROCHFORD TREND

CANBELEGO - OPPORTUNITIES TO EXTEND DEPOSIT IN ALL DIRECTIONS



- Copper mineralisation intersected in all five diamond drill holes (CANDD001 - CANDD005)
- Assay results confirm extensions to the existing mineralisation with highlights including:
 - **11m at 1.1% Cu** from 270m (CANDD001)
 - **18m at 3.4% Cu**, including 14m at 4.4% Cu (CANDD002)
 - **6m at 1.26% Cu** from 286m (CANDD003)
 - **5m at 1.43% Cu** from 286m (CANDD003)
 - **10m at 1.6% Cu** from 298m (CANDD003), including **5m at 2.67% Cu**
 - **1m at 6.98% Cu** from 272m (CANDD004)
 - **3m at 1.22% Cu** from 69m and **2m at 1.09% Cu** from 443m (CANDD005)

1. ROCHFORD TREND

CANBELEGO – POISED FOR FURTHER GROWTH

Canbelego Extensions

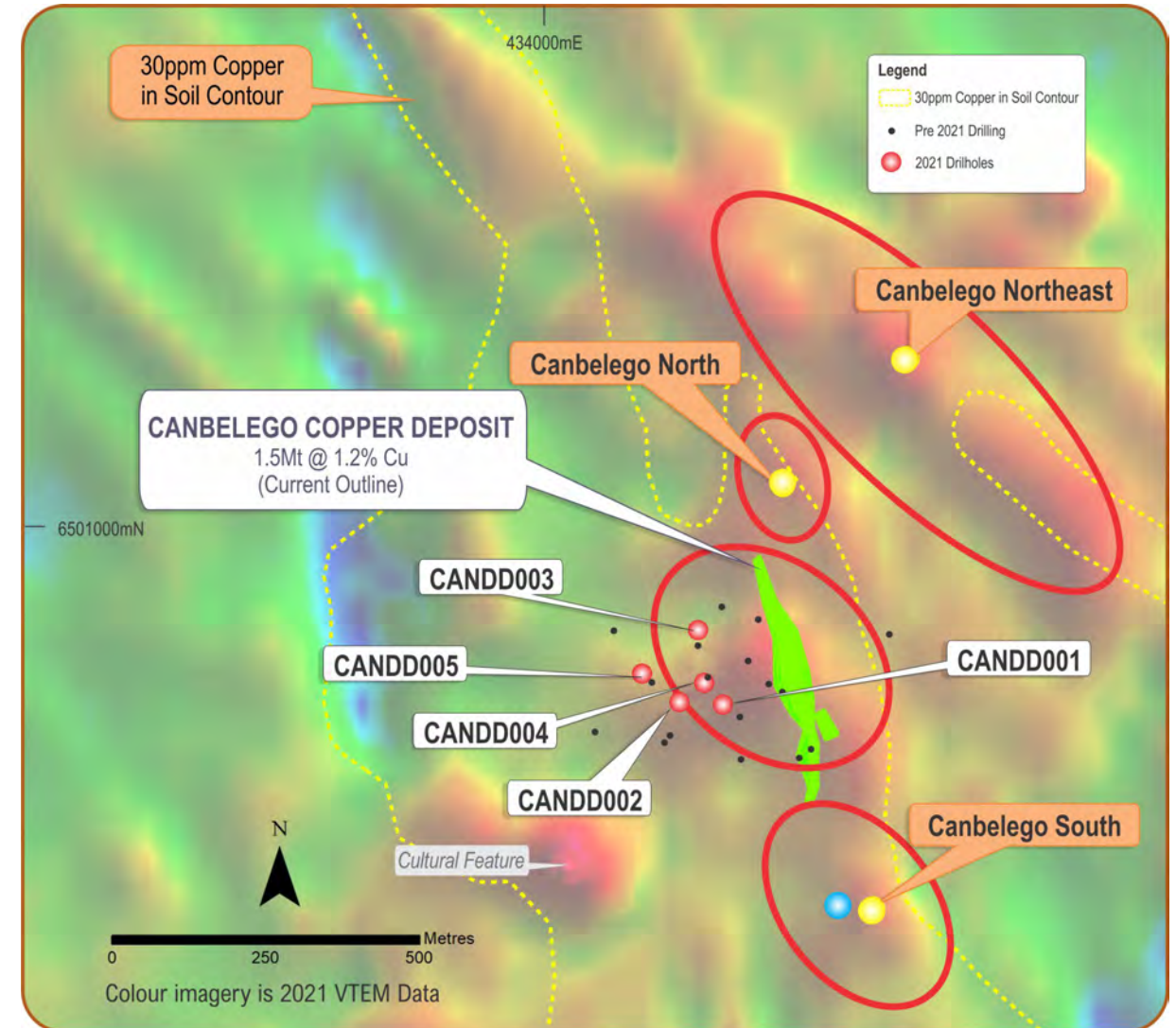
- **Down-dip** - DHEM surveying of CANDD005 identifies large conductive anomaly possibly indicating extension of the high-grade copper zone in CANDD002.

Canbelego Repetitions

- VTEM highlighted potential repetitions to the North, Northeast and South of Canbelego Mineral Resource¹
- Well supported by strong copper surface geochem

Follow-up work planned:

- Surface EM – North, South & Northeast targets
- Resource focussed diamond drilling
- Surface geochem sampling
- Drill traverses across target zones
- Metallurgical testwork



2. EAST BLOCK - THE COLLERINA TREND

EXTENDED MINERALISATION & NEW REGIONAL TARGETS

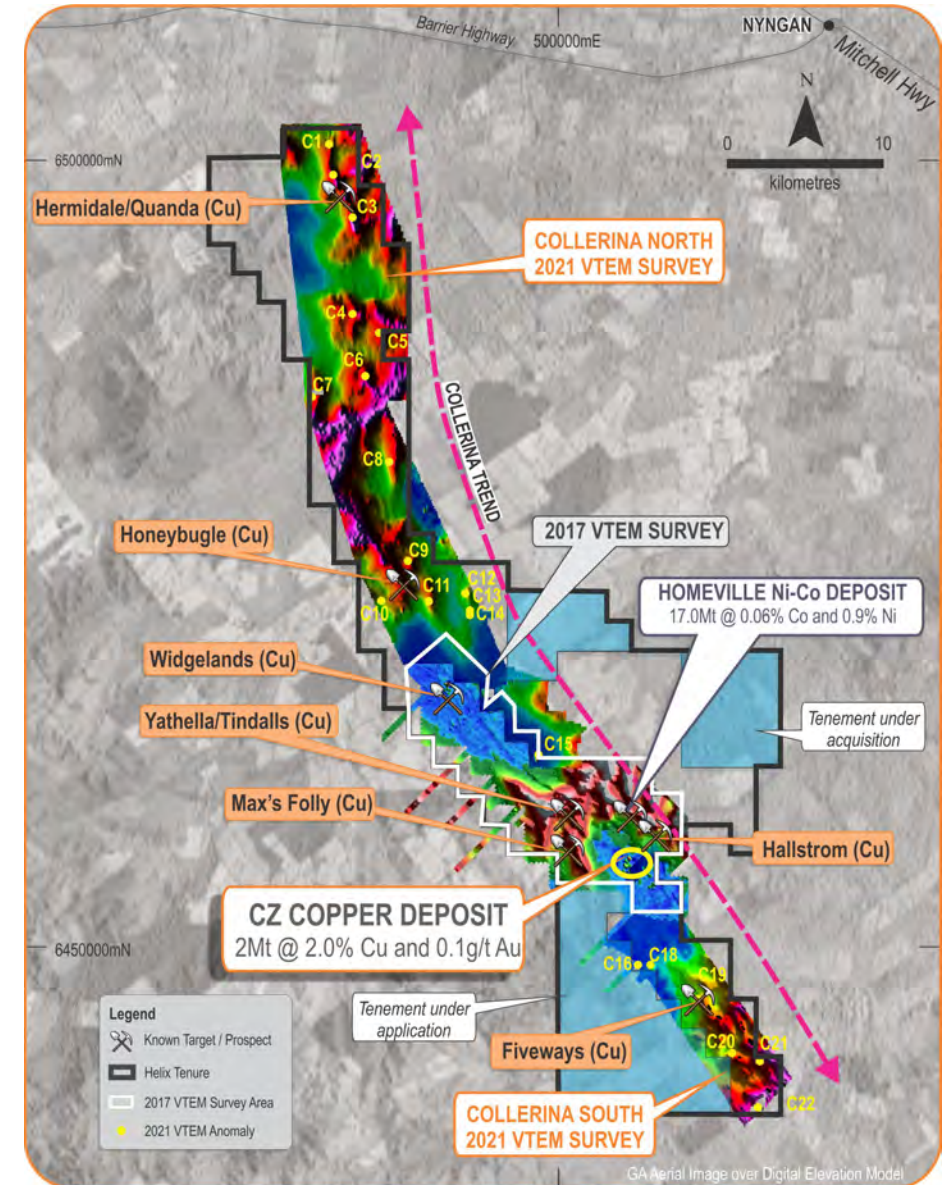
Advanced Project:

- **CZ copper (gold) deposit** – 2.0Mt at 2.0% Cu & .1 g/t Au
- 100% Helix
- Drilling in progress / high-grade copper assays

Regional Targets:

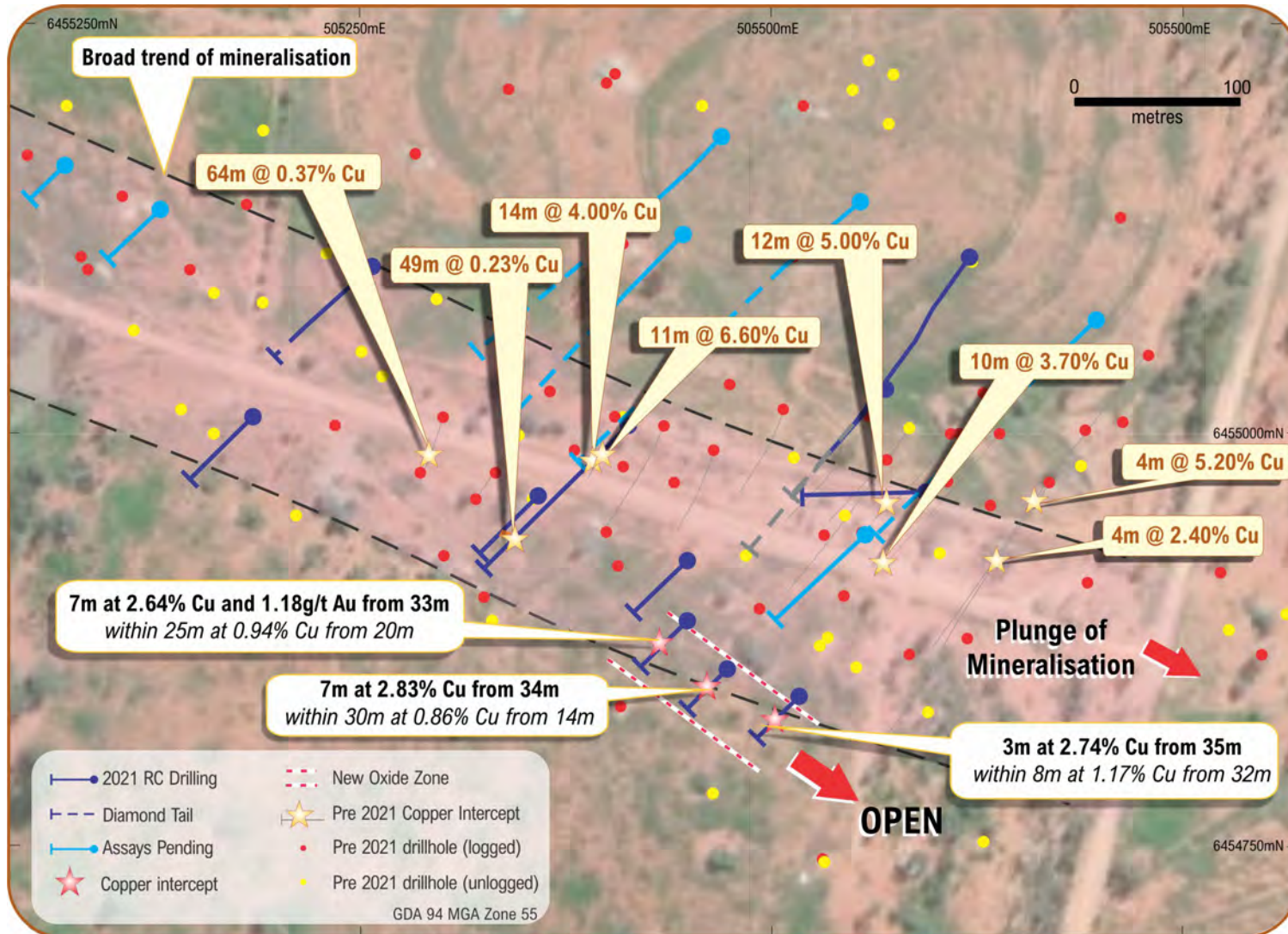
8 High priority targets identified including:

- Quanda Area
 - Largely untested area with historic workings and prospective geology – *re-ranked with high confidence EM anomalies*
- Honeybugle Area
 - Largely untested area with prospective surface geochem – *re-ranked with high confidence EM anomalies*
- Fiveways
 - Subtle conductors, north on trend from Mt Royal and Carolina copper deposits (Locksley Resources (ASX:LKY))



2. THE COLLERINA TREND

CZ COPPER (& GOLD) DEPOSIT¹



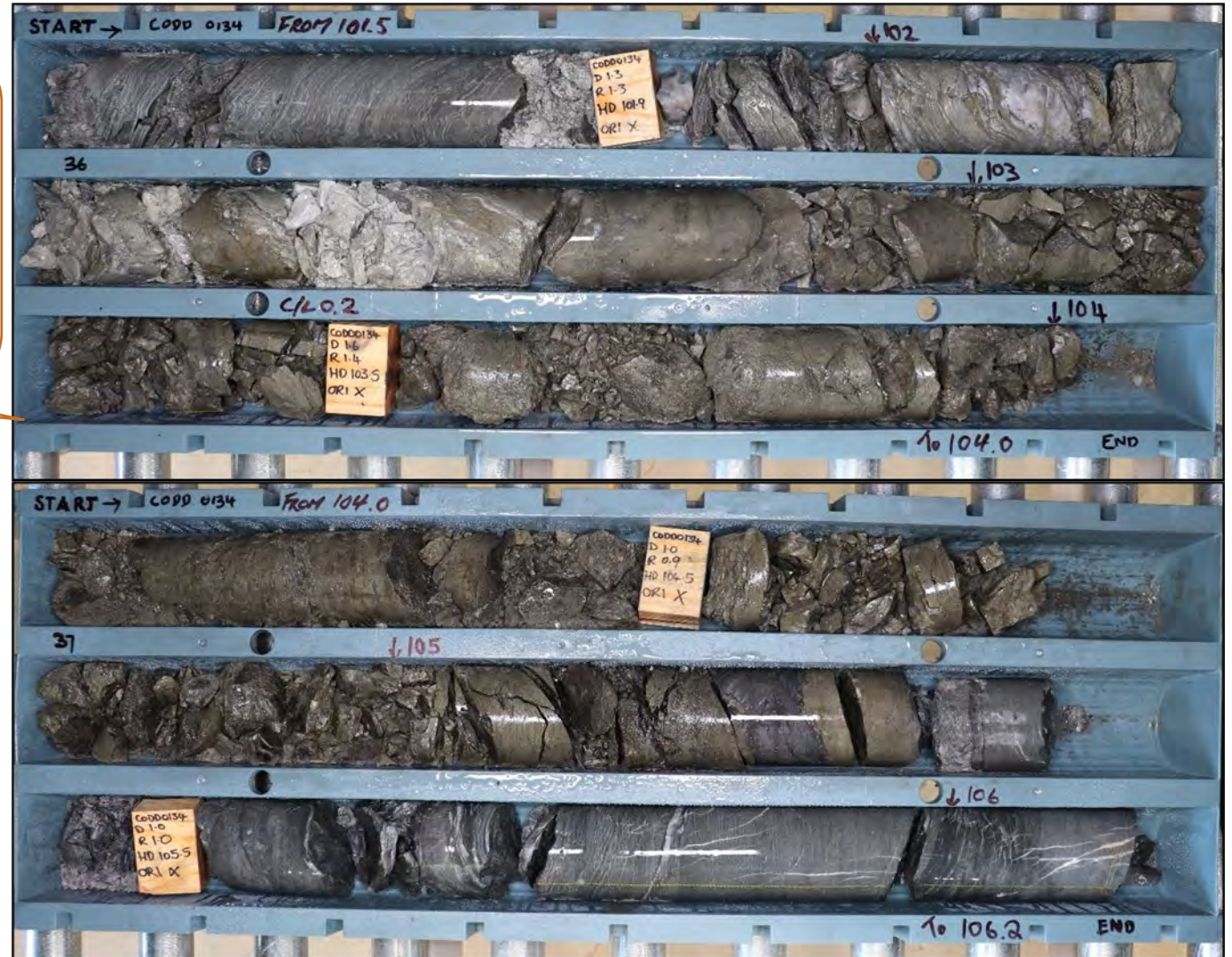
- New, shallow, high-grade 'oxide-copper' zone intersected
- Drilled over 100m and is open to the southeast
- Results include:
 - 7m at 2.64% Cu & 1.18 g/t Au within 25m at 0.94% Cu from 20m
 - 7m at 2.83% Cu within 30m at 0.86% Cu from 14m
 - 3m at 2.74% Cu within 8m at 1.17% Cu from 32m
- CZ Mineral Resource¹ - zones of massive sulphides intersected in diamond drillholes with copper and zinc minerals observed

2. THE COLLERINA TREND

DRILLING IN PROGRESS, ASSAYS PENDING FROM CZ

Diamond drilling

- **Massive sulphides** - from 102.3m to 105.5m comprising stratiform fine-grained pyrite and chalcopyrite (CDD0134 101.5m to 106.2m)
- Assays pending



RC drilling

- 'Oxide' Cu; malachite (green), azurite (blue), chalcocite (black) & native Cu

2. THE COLLERINA TREND –

65 STRIKE-KM 'UNDER-EXPLORED'

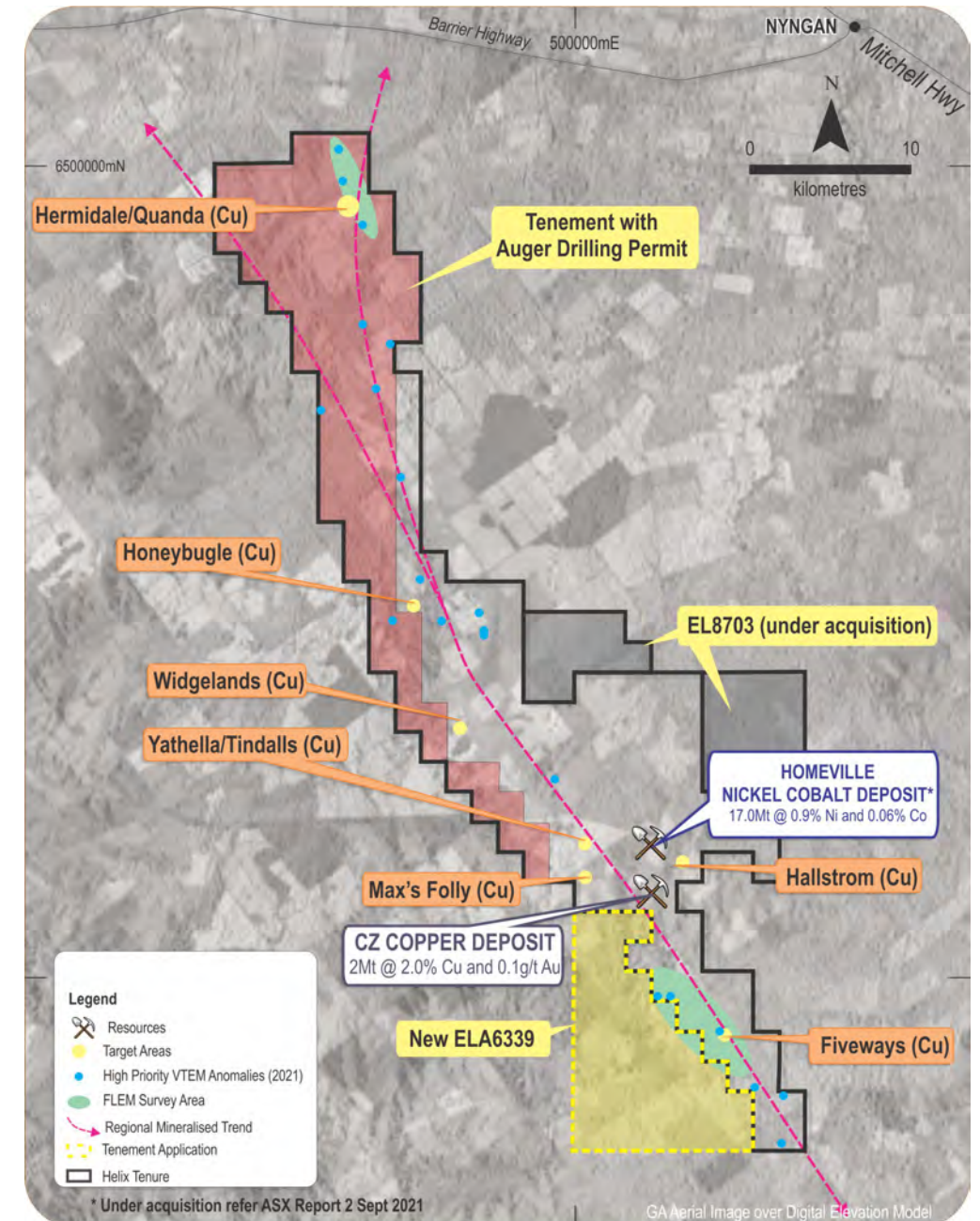
Strong analogies with AIS's Kurrajong & Constellation discoveries, north along trend

Follow-up work planned:

- Surface EM – Quanda & Fiveways
- Approved, regional scale auger-soil program over 40 strike-km of copper trend
- Resource focussed diamond drilling (*in progress*)
- Drill traverses across new target zones
- Metallurgical testwork – CZ core
- Geological modelling of Mineral Resource – New Model

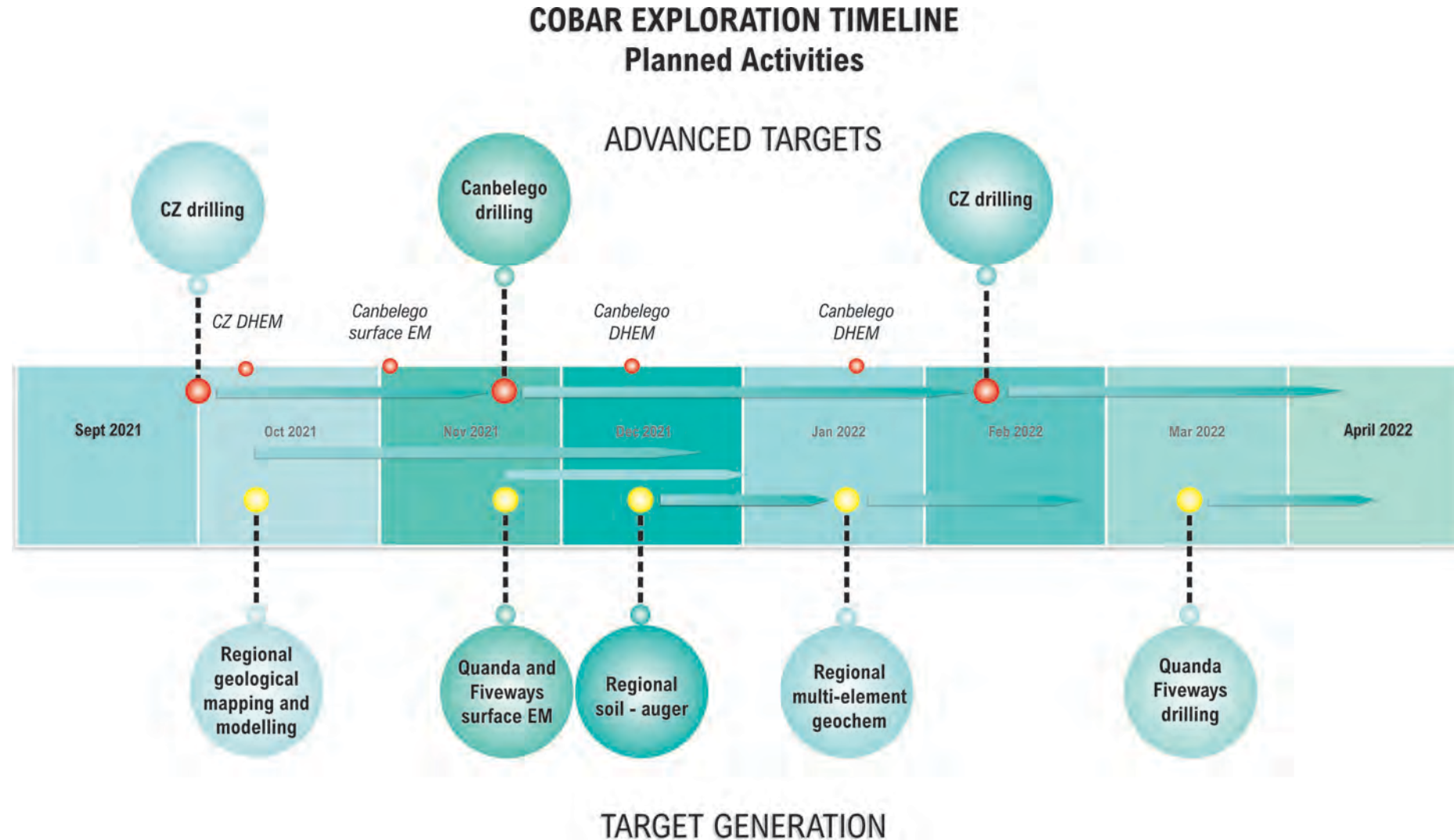
Also, Ni-Co work - follow up high grade intercepts, such as:

- 18m at 0.9% Ni, 0.10% Co to EOH in HCOAC019
- 4m at 0.20% Co in HCOAC028
- 12m at 1.2% Ni, 0.07% Co within 24m at 1.0% Ni to EOH in HCOAC016



COBAR EXPLORATION OVERVIEW – 6 MONTHS

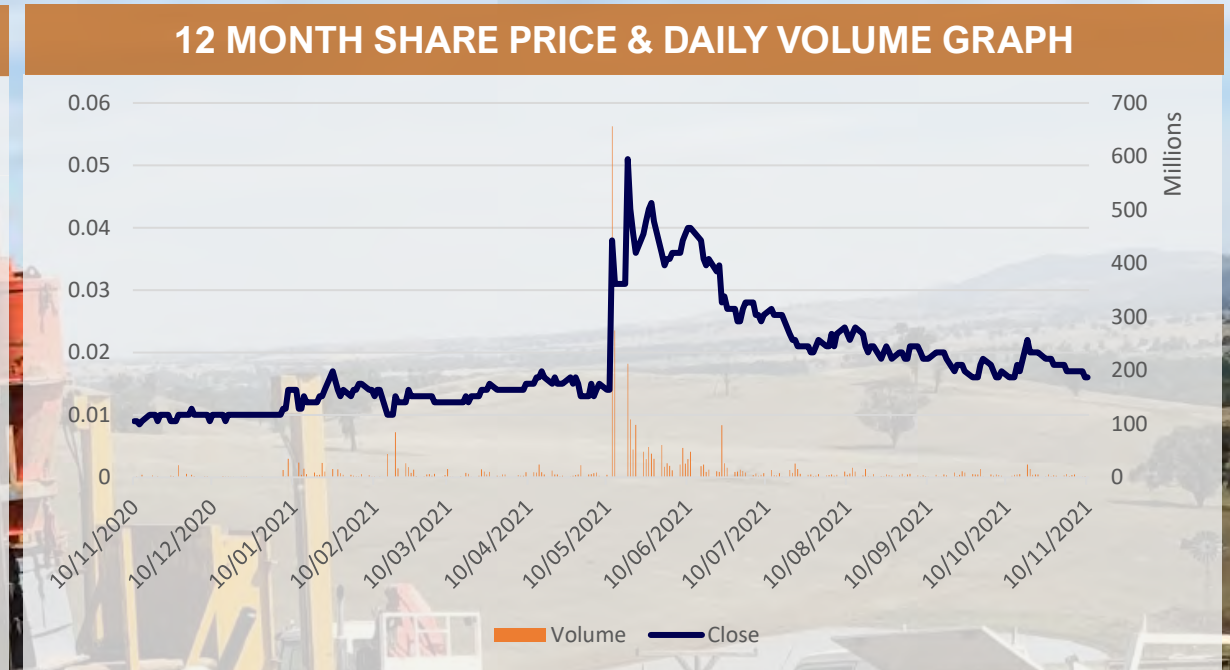
EXPLORATION MOMENTUM – A SYSTEMATIC PIPELINE OF WORK AND NEWS FLOW



CORPORATE SNAPSHOT

| ASX CODE | HLX |
|--|---------|
| Share price (10 th Nov 21 close) | \$0.017 |
| Shares (listed) | 1,258M |
| Options & Performance Rights (unlisted) | 42.5M |
| Market Cap. | \$21.4M |
| Cash (30 th Sept 21) | \$3.72M |

| MAJOR SHAREHOLDERS | % |
|----------------------------|------|
| Yandal Investments Pty Ltd | 4.1% |
| BNP Paribas Noms Pty Ltd | 2.6% |
| Directors & Management | 2% |
| Top 20 | 27% |



| BOARD OF DIRECTORS (REFER APPENDIX B) | |
|---------------------------------------|------------------------|
| Peter Lester | Non-Executive Chairman |
| Mike Rosenstreich | Managing Director |
| Tim Kennedy | Non-Executive Director |
| Jason Macdonald | Non-Executive Director |

CORPORATE PERSPECTIVES – INVESTMENT SUMMARY

A COMPELLING AUSTRALIAN COPPER EXPLORATION OPPORTUNITY



- ✓ Well funded – executing a strong ‘drill-based’ program
- ✓ Defined copper resources – open ended growth potential; *as just demonstrated with drilling at Canbelego & CZ*
- ✓ Consistently delivered high-grade copper drill intercepts
- ✓ Identified significant, new copper regional copper targets
- ✓ New, focused exploration & management team, with new strategy – already generating positive results
- ✓ Strong long-term copper demand outlook

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RESOURCES LIMITED



APPENDIX A - MINERAL RESOURCE ESTIMATES

Collerina Copper CZ (June 2019) (0.5% Cu cut-off)

| Classification | Type | Tonnes | Copper | Gold | Contained Copper | Contained Gold |
|----------------|-------------------------|-------------|------------|------------|------------------|----------------|
| | | Mt | % | g/t | t | Oz |
| Indicated | Oxide/Transition | 0.17 | 1.1 | 0.0 | 1,900 | 200 |
| Inferred | Oxide/Transition | 0.46 | 0.6 | 0.0 | 2,700 | 100 |
| Total | Oxide/Transition | 0.63 | 0.7 | 0.0 | 4,600 | 300 |
| Indicated | Fresh | 0.83 | 2.6 | 0.2 | 21,800 | 6,600 |
| Inferred | Fresh | 0.57 | 2.5 | 0.1 | 14,100 | 2,500 |
| Total | Fresh | 1.40 | 2.6 | 0.2 | 35,800 | 9,100 |
| Indicated | Oxide/Transition | 0.17 | 1.1 | 0.0 | 1,900 | 200 |
| Indicated | Fresh | 0.83 | 2.6 | 0.2 | 21,800 | 6,600 |
| Inferred | Oxide/Transition | 0.46 | 0.6 | 0.0 | 2,700 | 100 |
| Inferred | Fresh | 0.57 | 2.5 | 0.1 | 14,100 | 2,500 |
| Total | Combined | 2.02 | 2.0 | 0.1 | 40,400 | 9,400 |

(Rounding discrepancies may occur in summary tables)

Canbelego* (October 2010) (0.5% Cu cut-off)

| Classification | Type | Tonnes | Copper | Gold | Contained Copper | Contained Gold |
|----------------|------------------------|-------------|------------|------------|------------------|----------------|
| | | Mt | % | g/t | t | Oz |
| Inferred | Oxide/Transition/Fresh | 1.50 | 1.2 | N/A | 18,000 | N/A |
| Total | Combined | 1.50 | 1.2 | N/A | 18,000 | N/A |

(Rounding discrepancies may occur in summary tables)

* JORC 2004 Compliant Resource: For full details regarding estimation methodologies please refer ASX announcement on 7 October 2010 – reported as 100% of deposit

Cobar Gold (November 2019) (0.4g/t Au cut-off)

| Deposit | Classification | Type | Tonnes | Gold | Contained Gold |
|---------------------|----------------|------------------|-------------|------------|----------------|
| | | | Mt | g/t | Oz |
| Sunrise | Inferred | Oxide/Transition | 1.58 | 1.1 | 56,400 |
| Good Friday | Inferred | Oxide/Transition | 0.45 | 0.9 | 13,700 |
| Boundary | Inferred | Oxide/Transition | 1.54 | 0.9 | 42,800 |
| Battery Tank | Inferred | Oxide/Transition | 0.18 | 1.0 | 5,900 |
| Total | | | 3.75 | 1.0 | 118,800 |

(Rounding discrepancies may occur in summary tables)

All resources are reported as JORC2012 compliant, unless stated otherwise

NO CHANGE - Helix confirms that it is not aware of any new information or data that has not been reported which materially affects the information included in its ASX releases dated 11 June 2019 and 7 November 2019. All material assumptions and technical parameters underpinning the estimates in those releases continue to apply and have not materially changed.

COLLERINA ASX EXPLORATION REPORTS - For full details of exploration results refer to Helix ASX releases dated 4 February 2015, 29 June 2016, 1 December 2016, 3 August 2017, 8 November 2017, 14 February 2018, 27 February 2018, 5 April 2018, 14 May 2108, 13 June 2018, 18 July 2018, 16 November 2018, 10 December 2018, 11 June 2019, 17 November 2019, 4 December 2019, 14 January 2020, 24 March 2020, 2 April 2020, 28 September 2020, 15 February 2021, 9 March 2021, 23 March 2021, 30 September 2021 14 October 2021 and 4 November 2021 . Helix is not aware of any new information or data that materially effects the information in these announcements.

CABELEGO ASX EXPLORATION REPORTS - For full details of exploration results refer to the ASX announcements 3 May 2021, 12 May 2021, 31 May 2021, 3 June 2021, 23 June 2021, 21 July 2021, 12 August 2021. Helix Resources is not aware of any new information or data that materially effects the information in these announcements.

COBAR GOLD ASX EXPLORATION REPORTS - For full details of exploration results refer to the ASX announcements 25 Nov 2010, 22 Feb 2011, 24 May 2011, 13 July 2011, 17 Aug 2011, 4 Oct 2012, 24 Jan 2017, 26 Apr 2017, 17 Jul 2017, 23 Aug 2017, 6 November 2019, 25 May 2020, 23 July 2020, 6 August 2020, 21 September 2020, 8 October 2020, 27 October 2020 and 12 January 2021. Helix Resources is not aware of any new information or data that materially effects the information in these announcements.

APPENDIX B - BOARD & MANAGEMENT



Peter Lester
Mining Engineer
Non Executive Chairman

Mr Lester has over 40 years experience in the mining industry and has held senior executive positions with North Ltd, Newcrest Mining Limited, Oxiana/Oz Minerals Limited and Citadel Resource Group Limited.

Mr Lester's experience covers operations, project and business development and general corporate activities including financial services. He has been a Director of several ASX listed resource companies.



Mike Rosenstreich
Geologist
Managing Director

Mr Rosenstreich contributes over 30 years technical, corporate and financial experience.

He has held senior geological roles covering exploration, development and production. He worked in resource banking with NM Rothschild before becoming founding Managing Director of Bass Metals, leading it from IPO, exploration success and over 5 years of base and precious metals production. Since late 2013, he has held several executive roles with ASX listed companies focused on 'specialty materials' such as tantalum, graphite and REE as well as gold and base metals in Australia and off-shore.



Tim Kennedy
Geologist
Non Executive Director

Mr Kennedy has over 30 years experience in the mining industry including extensive involvement in the exploration, discovery, feasibility and development of gold, nickel, PGE, base metals and uranium projects throughout Australia.

He has held senior management positions with several resources companies including Resolute and Anglo American. His most recent role was as Exploration Manager with Independence Group NL (ASX: IGO), which during his 11 years tenure grew from being a junior explorer to a multi-asset and multi-commodity mining company.



Jason Macdonald
Lawyer
Non-Executive Director

Mr Macdonald is a qualified legal practitioner, focused on mining corporate and commercial issues.

Mr Macdonald is also a director of several private resource companies and has a diverse range of corporate, equity capital market and mining related experience.

APPENDIX C – REGIONAL PRODUCERS & DEPOSITS



TRITTON COPPER OPERATIONS¹

- Produces 25kt Cu pa
- Ore Reserves 5.7Mt @ 1.5% Cu
- Mineral Resources 17.5Mt @ 1.5% Cu

Aeris Resources 2020 Annual Report

CSA MINE²

- Produces 49.9kt Cu pa
- Largest operation in region

<http://www.csamine.com.au/>

PEAK GOLD OPERATIONS³

- Produces 46.6koz Au, 12.1kt Pb, 6.7kt Zn, 6.3kt Cu pa
- Ore Reserves 3.3Mt @ 2.3g/t Au, 0.9% Cu, 2.8% Pb, 2.9% Zn, 16g/t Ag
- Mineral Resources 11.3Mt @ 1.5g/t Au, 1.4% Cu, 1.0% Pb, 1.2% Zn, 10g/t Ag

Aurelia Metals 2020 Annual Report

MINERAL HILL⁶

- Multi-deposits: Parkers Hill, Red Terror, SOZ & EOZ
- Metal Endowment: 74kt Cu, 85kt Pb, 42kt Zn, 6Mpz Ag, 267koz Au

KBL 2015 Annual Report



HERA GOLD/BASE METALS³

- Produces 45koz Au pa
- Ore Reserves 1.2Mt @ 1.4g/t Au, 3.0% Pb, 4.7% Zn, 38g/t Ag
- Mineral Resources 1.4Mt @ 1.6g/t Au, 3.1% Pb, 4.8% Zn, 40g/t Ag

Aurelia Metals 2020 Annual Report

ENDEAVOR LEAD/ZINC⁴

- Currently Care & Maintenance
- Sandfire (ASX:SFR) earn in 100% for \$30m

SFR Announcement 27/10/2020



MT BOPPY GOLD⁵

- Planned production 24koz Au
- Ore Reserves 0.27Mt @ 3.0g/t Au
- Mineral Resources 0.37Mt @ 3.23g/t Au

Manuka Resources 2020 Annual Report



COBAR BASE METAL ASSETS⁷

- Multi-deposits: May Day, Mallee Bull, Wagga Tank, Southern Nights and Wirlong
- Metal Endowment: 134kt Cu, 295kt Zn, 145kt Pb, 20Moz Ag, 267koz Au

Peel Mining 2020 Annual Report



GLENCORE

