

# ASX Announcement 23 June 2021



#### **Gold Coast Investment Showcase Presentation**

**Helix Resources (ASX: HLX)** is pleased to advise that the Company's Managing Director, Mike Rosenstreich will be speaking to the attached presentation, "High Grade Cobar Copper" today at the Gold Coast Investment Showcase in the Gold Coast.

#### This ASX release was authorised by the Managing Director of Helix Resources Ltd.



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ASX: HLX



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#### **Board of Directors:**

Peter Lester Non-Executive Chairman
Tim Kennedy Non-Executive Director
Jason Macdonald Non-Executive Director
Mike Rosenstreich Managing Director

#### **Company Secretary**

Ben Donovan



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# HIGH GRADE COBAR COPPER







The diversified investment conference for ASX listed companies

# **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.

#### **Supporting Information**

Details of JORC 2012 compliant information and the assumptions underlying all Resource estimations are contained in previous ASX releases or at www.helixresources.com.au

For full details of recent exploration results refer to the ASX announcements 28 September 2020, 2 November 2020, 16 November 2020, 25 November 2020, and 23 December 2020. Helix Resources is not aware of any new information or data that materially effects the information in these announcements.

#### **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.



#### INVESTMENT SNAPSHOT

Well funded, strong assets - planned drilling to the end of 2021

# RECENT EXPLORATION SUCCESS AT CANBELEGO COPPER PROJECT

- 14 metres at 4.2% copper
- Potential resources extensions Canbelego & CZ Deposits
- New downhole geophysical targets indicative of high-grade copper shoots

#### **UNDERPINNED BY**

- Existing copper resources with major growth upside
- Highly prospective copper neighbourhood
- Rejuvenated management team
- Strong 10 year copper demand forecast







1 – Refer Appendix A

# **CORPORATE SNAPSHOT**

ASX CODE	HLX
Share price (at 18 June 2021 close)	\$0.036
52 week high / low	\$0.051/\$0.008
Shares on issue	1,255M
Options on issue (unlisted)	32.5M
Market Cap. (at \$0.036)	\$45M
Approx. EV	\$39M

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MAJOR SHAREHOLDERS (pre issue of new shares)	%
Yandal Investments Pty Ltd	4.1%
BNP Paribas Noms. Pty Ltd	2.7%
Directors & Management	1.8%
Top 20	27%





Refer Appendix 3 for Board & Management details

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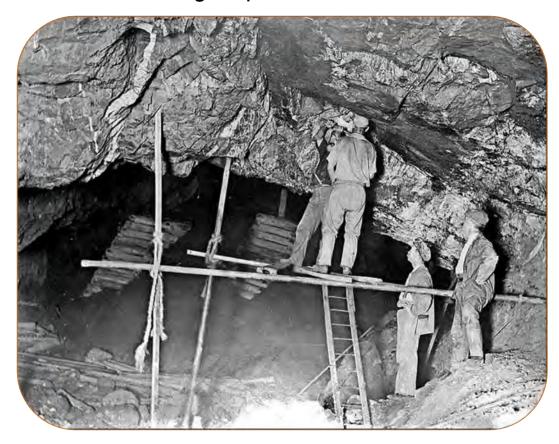
# STRATEGY

The 'right' metals – copper & gold, in the 'right' neighbourhood, to underpin a strong business case

# **COPPER IN COBAR**

# Established, well endowed copper province

 Located in a region with +150 years copper production, ongoing new discoveries and numerous base metal and gold production hubs







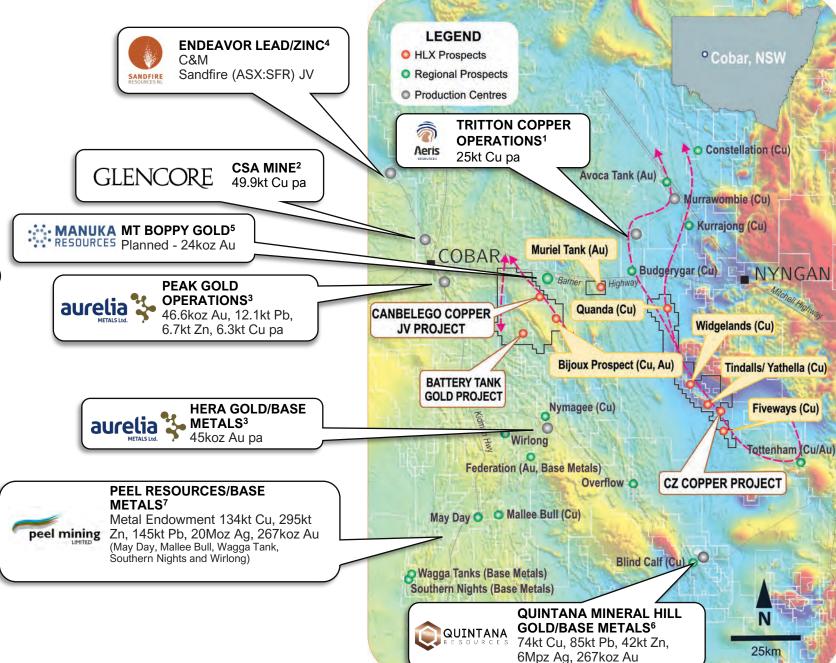
Cobar region - over 150 years of copper mining

#### **HELIX'S STRATEGY**

Focussed on the Cobar region, NSW

# Major regional mineralised trends:

- production hubs
  - Glencore (LSE:GLEN)
  - Aeris (ASX:AIS)
  - Sandfire Resources (ASX:SFR)
  - Aurelia (ASX:AMI)
  - Manuka (ASX:MKR)
- emerging producers
  - Peel Resources (ASX:PEX)
  - Quintana Resources (pvt.)
  - Helix Resources (ASX:HLX)





#### COPPER IN COBAR – UNLOCKING REGIONAL POTENTIAL

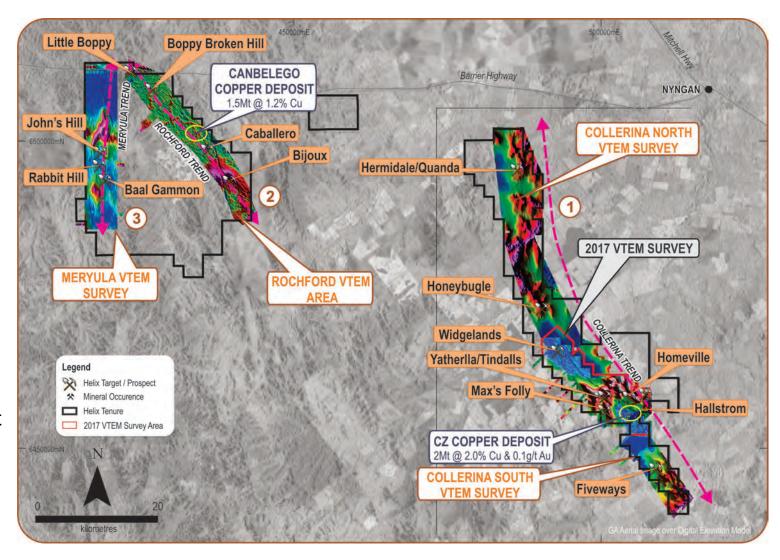
# 24 High-priority copper targets identified on major regional trends

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

"EM finds copper in Cobar"

#### 3 Major regional scale copper trends:

- 1. Collerina Trend 65 km
- The Central Zone (CZ) Mineral Resource of 2Mt at 2% Cu<sup>1</sup>
- On trend' from Tritton, Kurrajong & Constellation-high grade copper discoveries
- 2. Rochford Trend 30 km
- Canbelego copper deposit 1.5Mt at 1.2% Cu (JORC 2004)<sup>1</sup>
- 3. Meryula Trend 25 km
- Earlier stage, Cu (+Pb-Zn) targets



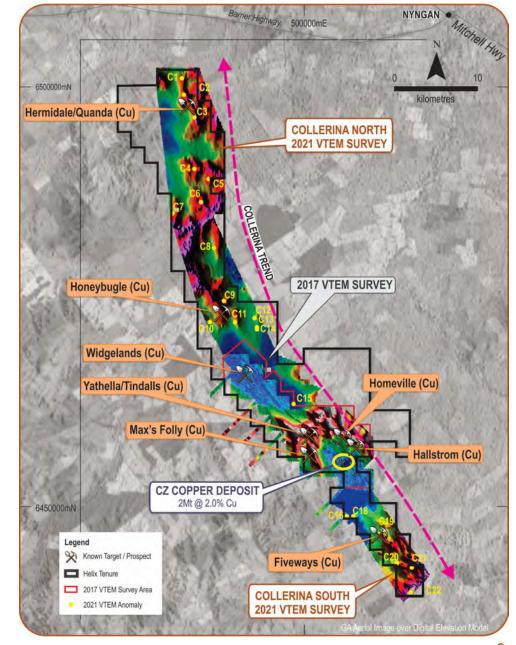


1 – Refer Appendix A for details.

# **Hosts the CZ Copper Deposit**

#### 8 High priority targets identified for example, at:

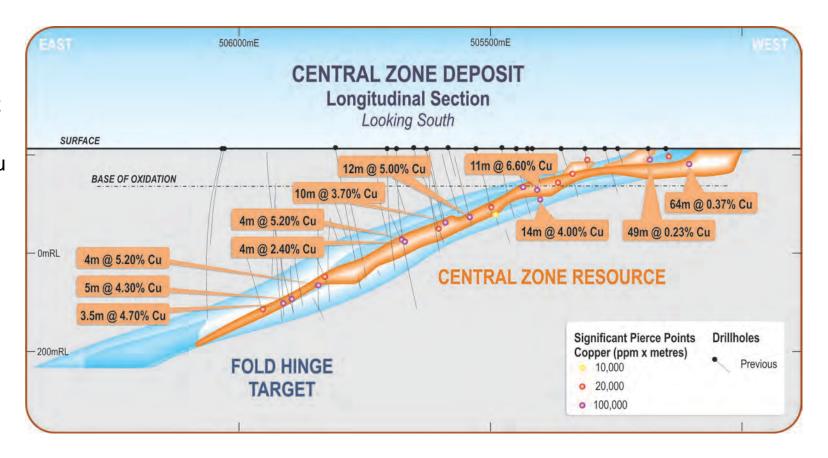
- Quanda Area
  - South 'on trend' to Kurrajong Deposit (3-4Mt at 1.5-2.0% Cu)<sup>1</sup> and new high-grade Constellation copper discovery (Aeris ASX:AIS) assays eg 3.6m at 22.6% Cu & 5.85m at 4.6% Cu<sup>2</sup>
- Honeybugle Area
  - Largely untested area with prospective surface geochem and geology – re-ranked with high confidence EM anomalies
- CZ Deposit, North & South Extensions
  - Extensions to current Mineral Resource, coincident with magnetic high and surface Geochem. No drilling.
- Fiveways
  - Subtle conductors, north on trend from Mt Royal and Carolina copper deposits (Tottenham; Locksley Resources (ASX:LKY))





# High-grade sulphide deposit

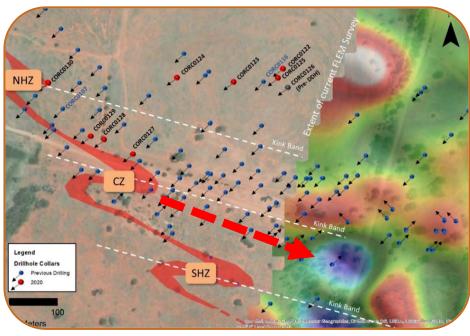
- Helix Discovery 2016
- 100% owned
- 2Mt at 2.0% Cu & 0.1 g/Au for 40.4kt contained copper. (JORC2012)
- 60% Indicated & 40% Inferred (by Cu tonnes)<sup>1</sup>
- Oxide & transitional Cu mineralisation is 13% of Mineral Resource
- High-grade copper shoots controlled by regional scale fold-hinges

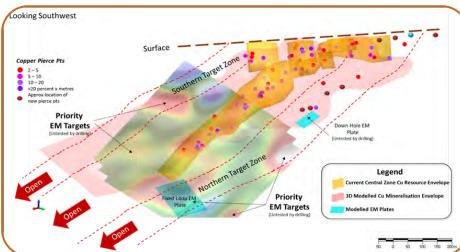




# **CZ** Deposit is open in all directions

- High-grade CZ shoot defined by south-east plunging fold axis
- Geological modelling has identified possible parallel plunging shoots – referred to 'Fold Hinge geological model'
- Soon to be tested by diamond drilling after RC failed to hit targets









# Clear geological analogies with Aeris' (ASX:AIS) Constellation Discovery

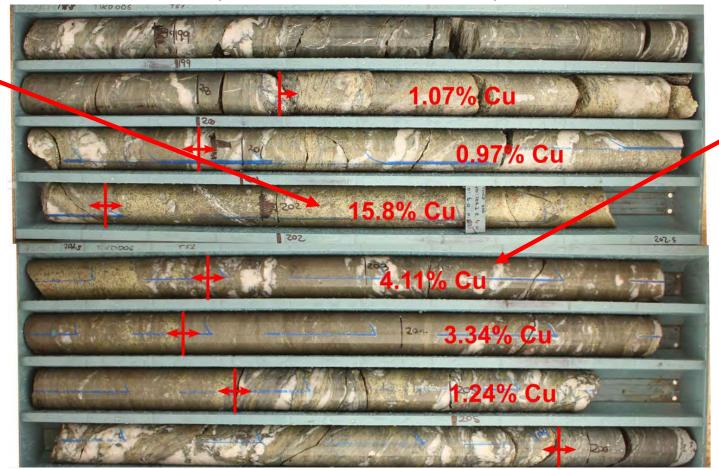
#### Collerina drill core – from 5 metres at 4.8% Cu

(CORCDD090 from 330 metres downhole)

Collerina drill core – from 11 metres 6.6% Cu (CODD001 from 81 metres downhole)



Constellation drill core – 5.85 metres at 4.6% Cu, 0.96g/t Au & 8.4g/t Ag (TAKD006 from 200.1 metres downhole)<sup>1</sup>







### Newly extended, large scale copper trend

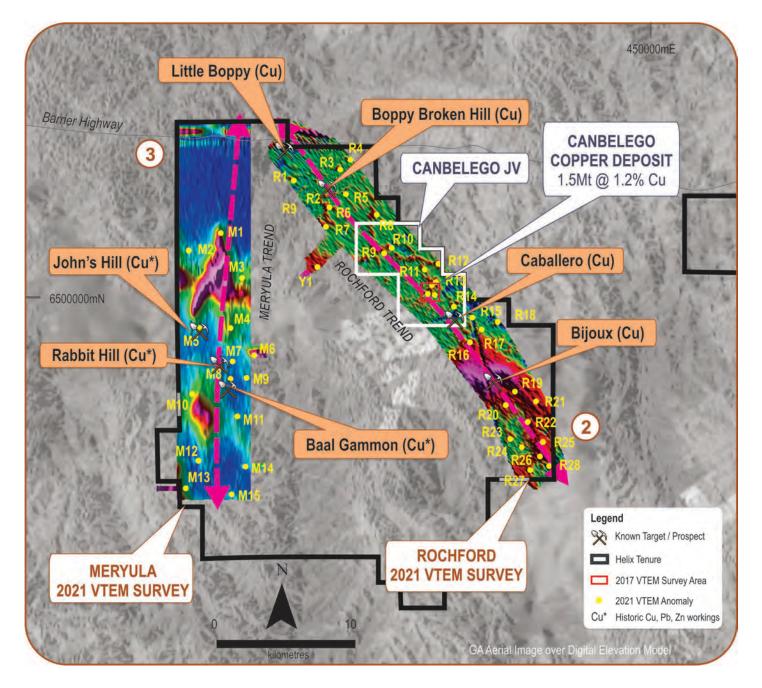
# 10 High-priority targets identified, for example, at:

- Boppy Broken Hill Area
- Canbelego Extensions North, South & West
  - Possible extensions and repeats of the Canbelego deposit
- Caballero
- Bijoux Prospect

# 2021 VTEM is the first survey on this tenement group

**Note**: Canbelego JV: Helix 70% & Manager. Aeris Resources (ASX:AIS) 30%. Parties co-funding.

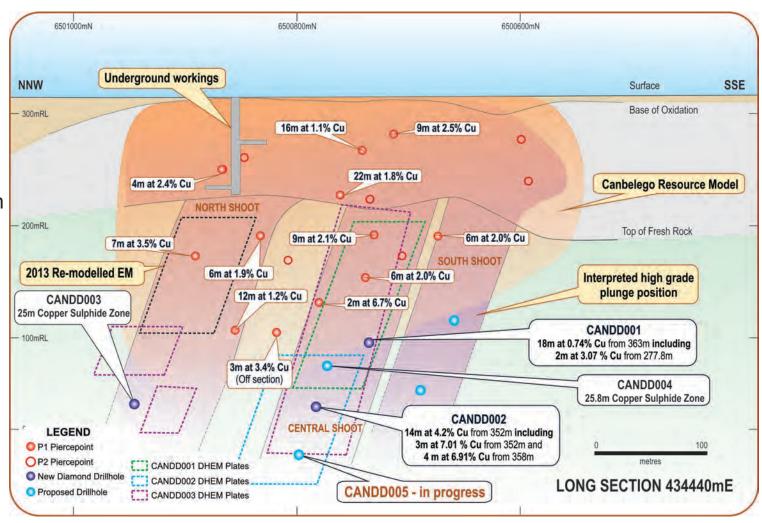




### Canbelego – DHEM highlights new opportunities to extend deposit in all directions

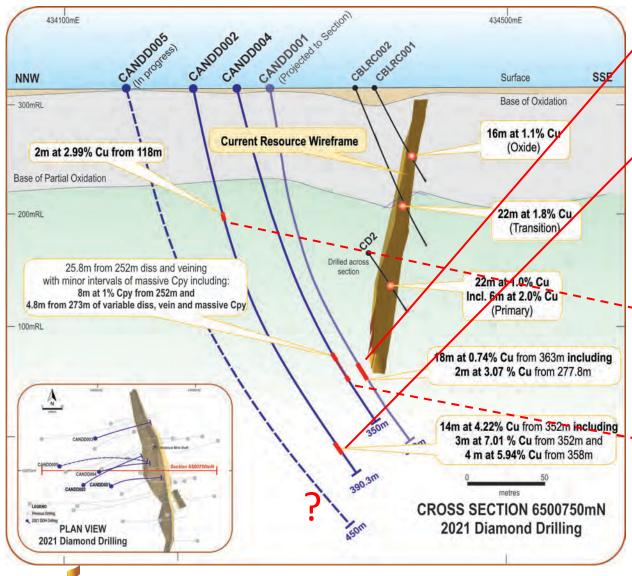
### Canbelego

- Canbelego Inferred Resource of 1.5Mt at 1.2% Cu (JORC 2004)<sup>1</sup>
- Strong drilling results to date:
  - 4/4 copper sulphide intercepts
  - Extended known mineralisation 90m down dip and 200m north along strike
- DHEM critical targeting tool identifying potential high-grade shoots
- 5th drill hole in progress Central Shoot





# 14 metres at 4.2% copper – outstanding, thickened intercept



**CANDD001** - **2** metres at **3.07%** copper within a broader interval of 11 metres at 1.10% copper from 270 metres downhole

**CANDD002 - 14 metres at 4.22% copper** from 263 metres downhole, including

- 3 metres at 7.01% copper from 352 metres;
   and
- 4 metres at 6.91% copper from 358 metres.
- A new mineralised position (above the main lode) 2 metres at 3.0% copper from 118 metres from 110 metres downhole.

**CANDD004** - 4.8 metres with variable chalcopyrite from 273 metres - comprised mainly 0.5% disseminated chalcopyrite with two intervals totalling 1.2 metres where 5 to 70% disseminated, vein and massive chalcopyrite was observed.

### Canbelego – VTEM has highlighted potential for repeat lodes

#### **Canbelego Extensions**

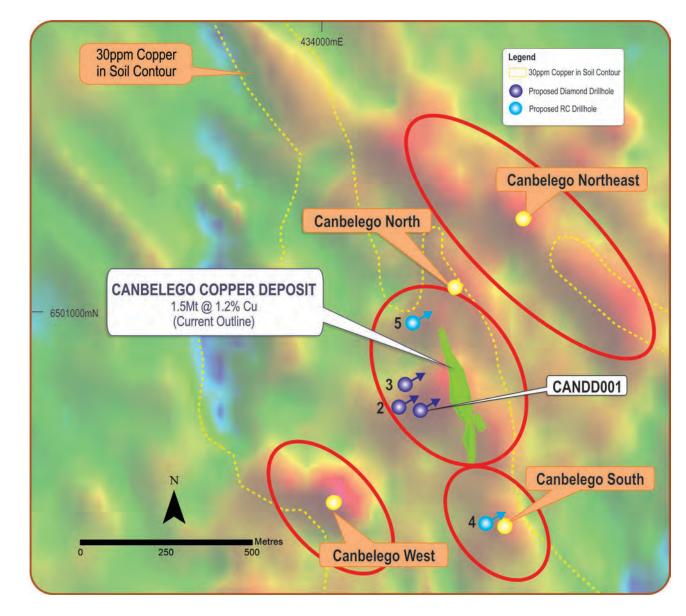
 Down-dip - <u>currently drilling and hitting down-dip</u> extensions to the 'known' Canbelego mineralisation

#### as well as

- Recent VTEM highlighted potential extensions to the North, South & West
- Well supported by strong copper surface geochem

#### Follow-up work planned:

- Surface and downhole EM in progress
- Resource focussed diamond drilling in progress
- Surface geochem sampling
- 'Light' RC drill traverses across target zones
- Diamond drill testing of new refined targets





#### **CORPORATE PERSPECTIVES – 2021 WORK PROGRAM**

Systematic pipeline of work and news flow

"May 2021 Capital Raise enables 'Continuous' drilling for the rest of 2021"

Q3 2021

Work on 120 km of prospective copper trends

- Collerina
- Rochford
- Meryula

 DDH & RC at Canbelego & CZ deposit areas; extensional & infill drilling to grow the scale and confidence of the resources

- Regional target test drilling-focus high-priority targets identified in Q1
- Surface geochem sampling (ongoing) regional & drill target scale
- Metallurgical sampling and test work design

### Near-term news flow - focused on drilling

- diamond drilling; further extensions to high-grade copper mineralisation Canbelego/CZ
- downhole & surface EM targets; important for new drill targets
- Assays CANDDOO1 & 002 later in June-Ongoing assay results
- ✓ New regional targets
- Drilling continue resource extensional 'step-out' holes
- Regional targets continue drilling (reprioritising with new data)
- Surface & downhole EM follow up of new and extended targets
- Initial development studies mining, processing, environmental & permitting

Q4 2021



#### CORPORATE PERSPECTIVES – INVESTMENT SUMMARY

Compelling Australian copper exploration opportunity



- Well funded now looking to drill continuously for 2021
- Defined copper resources open ended growth potential

at Canbelego – drilling high-grade copper Outstanding result - 14 metres at 4.2%

- 24 significant, new copper targets in a highly mineralised copper terrain
- Aggressive 2021 drilling program in progress
- Focused management team, with new strategy already generating positive results
- Strong long-term copper demand outlook



# CONTACT

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**ASX:HLX** 



#### **APPENDIX A**

#### **Mineral Resource estimates**

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

					10 11 10	,
Classification	Туре	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 discrepencies may occur in summary tables)

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

Classification	Туре	Tonnes Copper Gold Contained Co		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 discrepencies 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 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, 28 September 2020, 15 February 2021, 9 March 2021 and 23 March 2021. Helix 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.

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

Deposit	Classification Type		Tonnes	Gold	<b>Contained Gold</b>
	•		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
<b>Battery Tank</b>	Inferred	Oxide/Transition	0.18	1.0	5,900
Total			3.75	1.0	118,800

(Rounding discrepencies may occur in summary tables)

#### Cobar Gold (November 2019) (1.2g/t Au cut-off)

Deposit	Classification Type		Tonnes	Gold	Contained Gold
	•		Mt	g/t	Oz
Sunrise	Inferred	Oxide/Transition	0.50	2.1	33,100
<b>Good Friday</b>	Inferred	Oxide/Transition	0.10	1.7	5,300
Boundary	Inferred	Oxide/Transition	0.22	1.8	12,900
<b>Battery Tank</b>	Inferred	Oxide/Transition	0.05	1.9	3,000
Total			0.87	1.0	54,300

(Rounding discrepencies may occur in summary tables)



<sup>\*</sup> JORC 2004 Compliant Resource: For full details regarding estimation methodologies please refer ASX announcement on 1 October 2010 – reported as 100% of deposit

#### **APPENDIX B – REGIONAL PRODUCERS & DEPOSITS**

#### References



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

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

Aeris Resources 2020 Annual Report

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



- Produces 49.9kt Cu pa
- Largest operation in region

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

#### PEAK GOLD OPERATIONS<sup>3</sup>



- 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



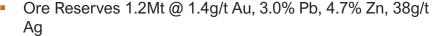
#### MINERAL HILL<sup>6</sup>

- 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 METALS<sup>3</sup>





 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



aurelia

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

SFR Announcement 27/10/2020

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



- 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 ASSETS 7



- 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

#### **APPENDIX C**

### **Directors & 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.

