

ASX: **POL**

ASX Announcement

2 October 2024

LONDON METAL EXCHANGE WEEK - PRESENTATION

Polymetals Resources Ltd (ASX: **POL**) (**Polymetals**) is attending the 2024 London Metal Exchange Week (LME Week) in London. The Chairman is presenting to various metal traders, smelters and investors.

The presentation material is attached.

<ENDS>

This announcement was authorised for release by Polymetals Resources Ltd Board.

For further information, please contact:

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Corporate Development

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ABOUT POLYMETALS

Polymetals Resources Ltd (ASX: POL) is a mining company developing the high-grade Endeavor silver, lead and zinc mine located within the premier polymetallic mineral province, the Cobar Basin, NSW, Australia. Polymetals is on track to become a long term, profitable base and precious metal producer. Polymetals holds a strong exploration portfolio for organic growth with excellent potential for discovery of copper, gold, silver and zinc orebodies. For more information visit www.polymetals.com



Australia's next silver and zinc producer.

London Metal Exchange Week
October 2024

ASX: **POL**
polymetals.com



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Summary Information

This presentation is for information purposes only and should be read in conjunction with the most recent financial reports and other documents lodged by Polymetals with the Australian Securities Exchange ("ASX") in connection with its continuous disclosure obligations. This presentation does not purport to contain all of the information that an investor should consider when making an investment decision nor does it contain all of the information which would be required in a product disclosure statement or prospectus prepared in accordance with the requirements of the Corporations Act.

No reliance should be placed on the information or opinions contained in this presentation, which are provided as at the date of this presentation (unless otherwise stated) and to the maximum extent permitted by law, Polymetals has no obligation to update the information contained in this presentation. An investment in securities is subject to known and unknown risks, some of which are beyond the control of Polymetals. Investors should consult with their own legal, tax, business and/or financial advisors in connection with any acquisition of securities.

Competent Persons Statement

The information supplied in this release regarding Ore Reserve and Mineral Resources is based on information compiled by Mr Troy Lowien and Mr Matt Gill, both being Competent Person's and Members of the Australian Institute of Mining and Metallurgy. Mr Lowien is an employee and Mr Gill is a director of Polymetals Resources Ltd and both have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as Competent Persons defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Lowien and Mr Gill consent to the inclusion of matters based on information in the form and context in which it appears.

Historic Exploration Information

The exploration results and prospects identified on the tenements includes historical pre-1989 exploration results. The exploration activity was undertaken by a number of companies and POL notes that the pre-1989 results are not reported in accordance with the JORC Code, 2012. A Competent Person has not done sufficient work to disclose the exploration results in accordance with the JORC Code 2012 and it is possible that following further evaluation and/or exploration work, that the confidence in the prior reported exploration results may be reduced when reported under the JORC Code, 2012. Nothing has come to the attention of POL that questions the accuracy or reliability of all the historical exploration results. Where possible, original assay reports were located to verify reported results.

Future Performance and Forward-looking Statements

This presentation contains certain 'forward-looking' statements, opinions and estimates, which are based on assumptions and contingencies that are subject to change without notice and involve known and unknown risks and uncertainties beyond the control of Polymetals and its officers. This includes statements about market and industry trends, which are based on interpretations of current market conditions.

Indications of, and guidance on, future earnings and financial position and performance are forward-looking statements. As are statements containing the words "expect", "anticipate", "estimate", "intend", "believe", "guidance", "should", "could", "may", "will", "predict", "plan" and other similar expressions. Forward-looking statements are based on information available to Polymetals as at the date of this presentation and should not be relied upon as an indication or guarantee of future performance. Except as required by law or regulation (including the ASX Listing Rules), none of Polymetals, its representatives or advisers undertakes any obligation to provide any additional or updated information whether as a result of a change in expectations or assumptions, new information, future events or results or otherwise. Investors are strongly cautioned against placing undue reliance on forward-looking statements, especially considering the current economic climate and significant volatility, uncertainty and disruption caused by recent world events such as the COVID-19 pandemic and associated economic changes.

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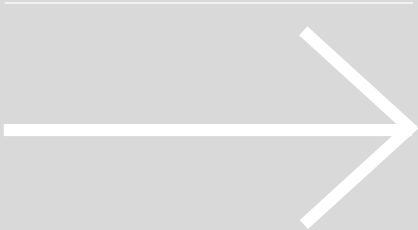
Cautionary Statement

The Ore Reserve and Mineral Resource estimates underpinning the Endeavor Production Targets were prepared by a Competent Person in accordance with the JORC Code 2012. The Deep Zinc Lode Exploration Target was prepared by a Competent Person in accordance with the JORC Code 2012.

The material assumptions on which the Production Targets are based is set out in the ASX Release of Polymetals dated 16 October 2023 "Endeavor Silver Lead Zinc Mine Restart Study completed" (Mine Restart Study). Polymetals confirms that all material assumptions underpinning the production targets in the Mine Restart Study continue to apply and have not materially changed. The modifying factors used in the estimation of the Ore Reserve were also applied to the Mineral Resources in the generation of the production targets.

Australia's next silver and zinc producer.

Footprint



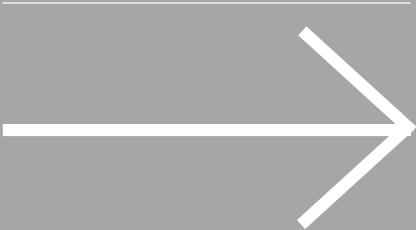
1,107km²

Exploration licences x 3 in
prolific Cobar Basin

30km²

Mining leases x 5

Resource¹



16.3Mt

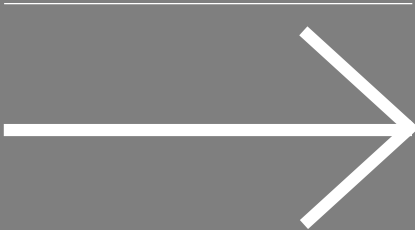
UG Mineral Resource
41.1Moz Silver, 1.3Mt Zinc,
100Kt Lead

5.2Mt

Tailings Mineral Resource
4.1Moz Silver, 0.3Mt Zinc,
10Kt Lead

New drilling and regional
exploration targeting Resource
upgrade

Production²



10.6Moz

Payable Silver

260Kt

Payable Zinc

90Kt

Payable Lead

Over 10-year initial mine life

Revenue²



A\$1.9b

LOM Revenue

A\$688m

LOM EBITDA

A\$609m

Free Cashflow

Over 10-year initial mine life

¹Refer Appendix 1

²Refer ASX
announcement
“Significantly
improved Endeavor
Silver Lead Zinc Mine
Plan” dated 5th
August 2024

Investment highlights.

01

Endeavor Mine restart is fully funded and on track to deliver first cash flow in May 2025.

02

Strong financial metrics for initial 10-year mine life backed by favourable offtake terms.

03

Potential to build +20-year operation in the heart of one of Australia's most prolific mining regions.

04

Board and management have invested A\$8 million in the mine and have over 30 years' mining experience in the Cobar Basin.



Endeavor Mine is on track to deliver first production in April 2025, and first cash flows in May 2025.

Endeavor Mine restart is fully funded with US\$20 million loan facility from global commodity trader Ocean Partners.

Veteran mining executive Matthew Gill has been appointed as Endeavor's General Manager. He is a three-time winner of the Australian Mine Manager of the Year Award and received the AusIMM Leadership Award in 2008.

Polymetals has secured most of its key redevelopment staff and senior operational management, many of whom are residing in Cobar.



+\$150m worth of infrastructure in place.¹



Mine Headframe

Fully equipped underground mine including a 7km decline from surface, 380m deep shaft with associated headframe, winder, U/G crusher and U/G infrastructure. Paste-fill plant - 800ktpa capacity



Offices and workshop

Substantial offices, laboratory, workshops, critical spares and stores.

Real estate

42 houses; Six vacant residential and industrial lots and four blocks of units.

Independent valuation A\$11.4 million

Grid Power

12.5 MW / 132 kV, sub-station owned and maintained by Essential Energy.



Processing Plant

1.2 MTPA processing plant including a surface crushing plant, SAG mill, two ball mills and Pb/Zn flotation circuit.



Transport

Railway to mine connected to national rail network.



Water





Secure water supply via a pipeline from Cobar.

Polymetals is delivering on its targets.

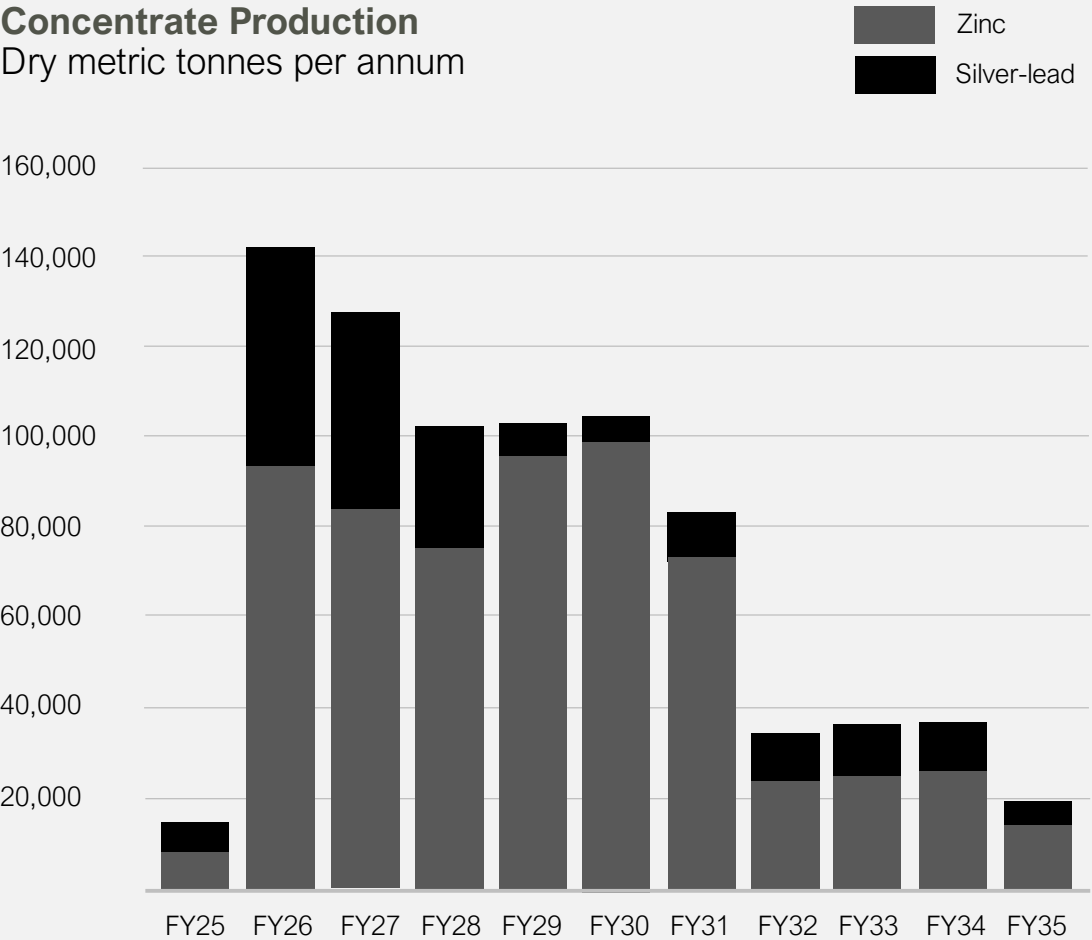
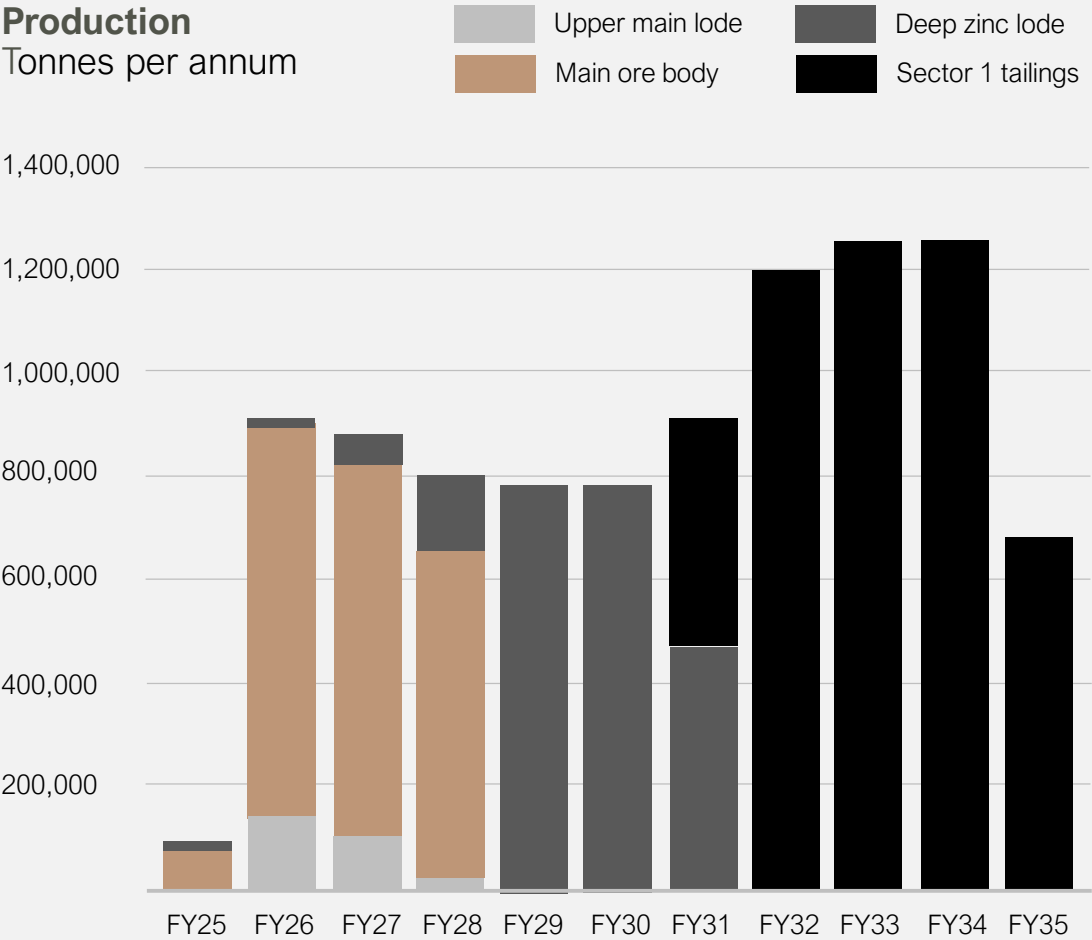
Completed Milestones

-  Due diligence drilling – high grade silver zinc UNL
-  Option to acquire Endeavor Mine
-  A \$15m offtake facility with Ocean Partners
-  Endeavor Mine Restart Study
-  Updated Endeavor Mine Plan
-  Deferral of environmental bond
-  Strategic alliance – Metals Acquisition (ASX:MAC)
-  Finalise project finance – Secured US\$20 million Loan Facility

Current and Future Milestones

-  Mine restart activities Sept 2024 – April 2025
-  First production April 2025
-  Sale of first zinc and silver-lead concentrates May 2025
-  First revenue May 2025
-  Near mine exploration drilling Sept 2024 – Aug 2025

Endeavor Mine has an initial 10-year mine life.



¹Refer ASX
announcement
“Significantly
improved Endeavor
Silver Lead Zinc Mine
Plan” dated 5th
August 2024

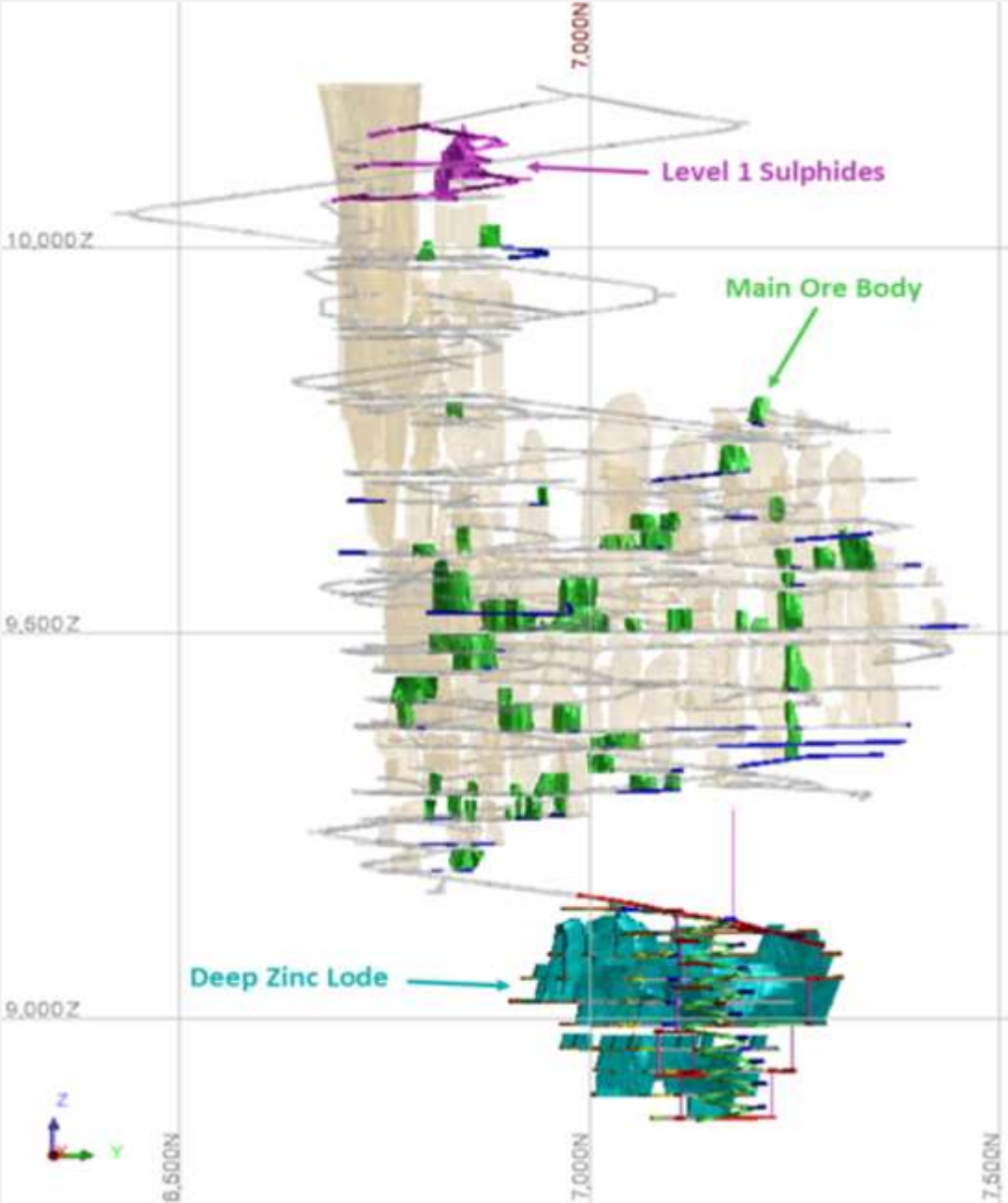
A\$1.85b in revenue to be generated over first 10 years¹.

Payable Zinc	Payable Lead	Payable Silver
260,000t US\$2,860/t A\$4,418/t	90,000t US\$2,160/t A\$3,224/t	10.6Moz US\$28/oz A\$41.9/oz
Total Revenue	Pre-tax Free Cashflow	Pre-tax NPV @ 8% discount
A\$1.856b	A\$609m	A\$414m
Average Annual EBITDA	Pre-tax IRR	Payback
A\$89m Years 1 -5	345%	14 months

Revenue Split %

Zinc	60	Silver	27	Pb	13
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Six-year offtake agreement with Ocean Partners, with 50% zinc sold at spot prices and 50% at benchmark pricing. Blended pricing model balances risk and reward. No mandatory hedging provides flexibility to capitalise on favourable markets.



Prohibitive 100% silver royalty has been reset to a 4% Ag, Zn and Pb net smelter royalty.

After restructuring silver royalties to reset project economics, Polymetals acquired the Endeavor Mine in 2024 following more than a year of due diligence.

With silver prices at 12-year highs, removing this significant financial constraint has enabled refocus on silver production and recovery options.

Royalty reset returns +25% of previously lost revenue.

- 1974

Elura deposit discovered (now Endeavor).
- 1983

Pasminco starts production @ 1.2Mtpa.
- 1992

POL Chairman David Sproule acquires and processes Endeavor Mine supergene tailings.
- 2003

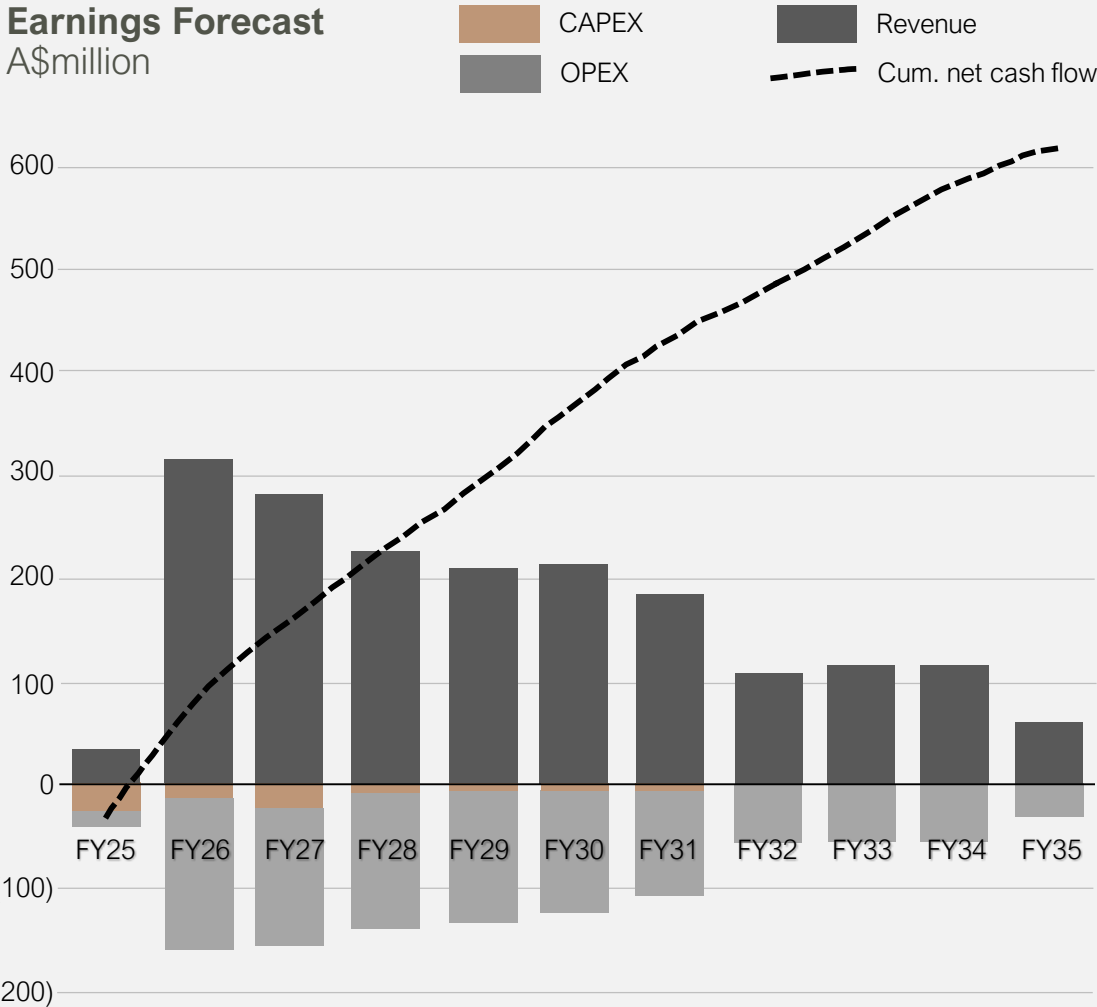
Toro Zinc subsidiary CBH Resources acquires and operates mine.
- 2005

CBH enters 100% silver streaming royalty, signposting gradual production decline.
- 2020

Mine put into care and maintenance as zinc and lead alone fail to make metrics work.
- 2022

POL negotiates new royalty ahead of securing the mine in 2023.

A\$609 million in free cash flow over first 10 years.



A long-life +20-year asset in one of Australia's most prolific mining districts.

Largest known ore body within Cobar Basin.
Pre-development +10.5Moz Au equivalent.

Mineral Resources¹ August 2024

16.3Mt

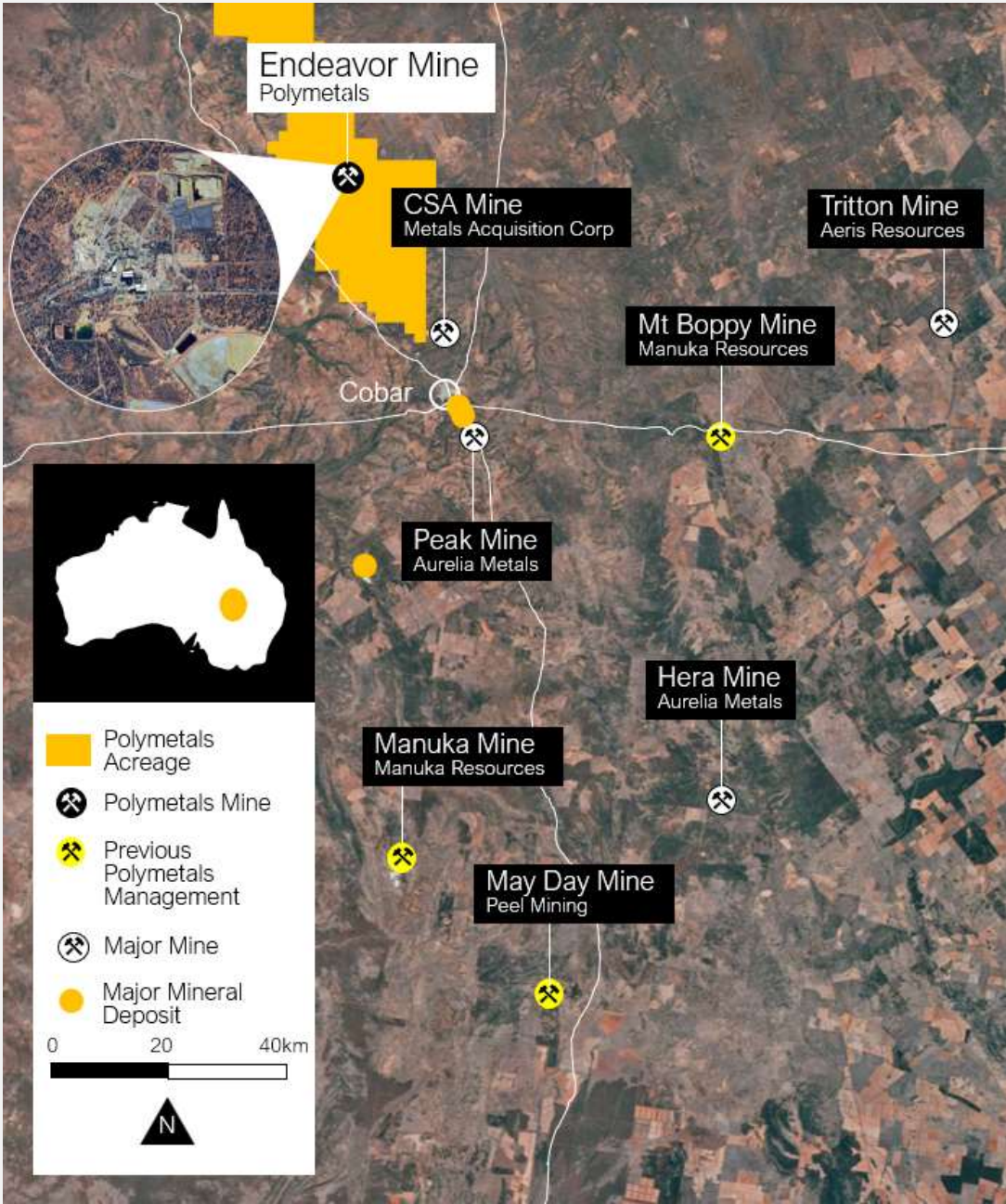
Zinc	Lead	Silver
1,300,000t	750,000t	41.4Moz

Historic Ore Production 1983 - 2020

32.0Mt

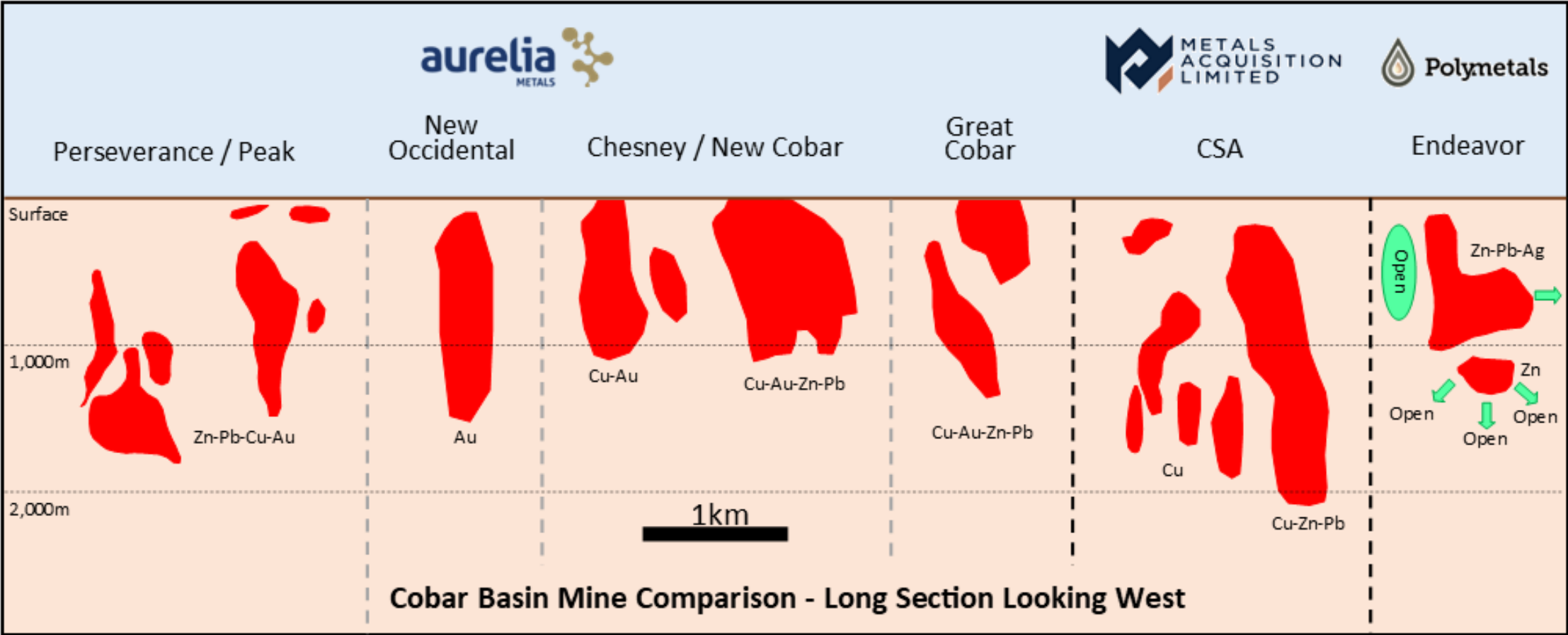
Zinc	Lead	Silver
2,600,000t	1,600,000t	92.0Moz

¹Refer Appendix 1



Cobar Basin is a prolific mining district.

Major polymetallic (base and precious metals) ore bodies with short strike length and deep depth persistence cluster throughout the basin.



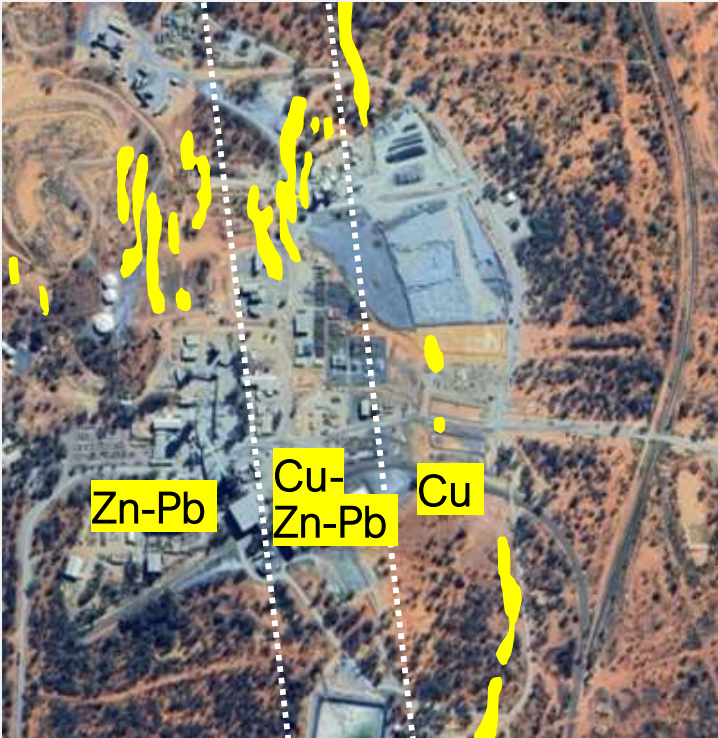
Bonanza supergene can occur above sulphide lenses.

Endeavor Supergene
100kt mined contained 16Moz Silver + 30koz Gold

Peak Mine
Aurelia Metals
45km south of Endeavor Mine



CSA Mine
Metals Acquisition Limited
30km south of Endeavor Mine



Endeavor Mine
Polymetals



Major in-mine ore reserve growth potential.

Upper North Lode

Contains high-grade metal¹:

- 2,799g/t silver, 13.3% Zinc, 22.7% Lead
- 34% Mineral Resource/Ore Reserve conversion
- Recently completed geotechnical drilling

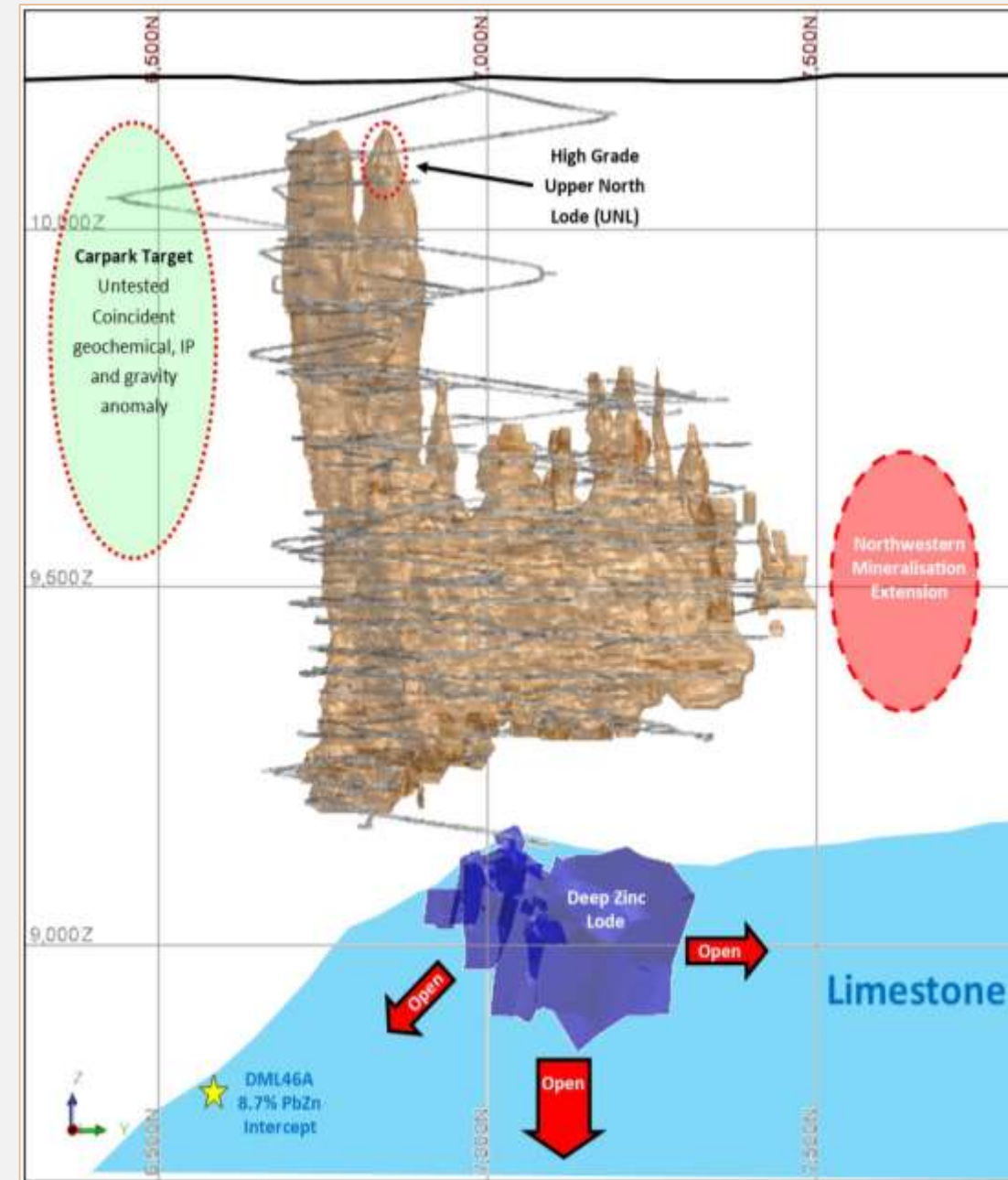
Deep Zinc Lodes

First drilled in 2016

- Current Ore Reserve 1.73Mt @ 8.7% Zinc, 46.4 g/t Silver and 0.8% Lead
- Exploration Target >3Mt
- Exploration drive and drilling included in mine plan

North-Western Lodes Extension

- Open, with mineralised intercepts
- Exploration drive and drilling included in mine plan



Priority Carpark prospect neighbours existing mine.

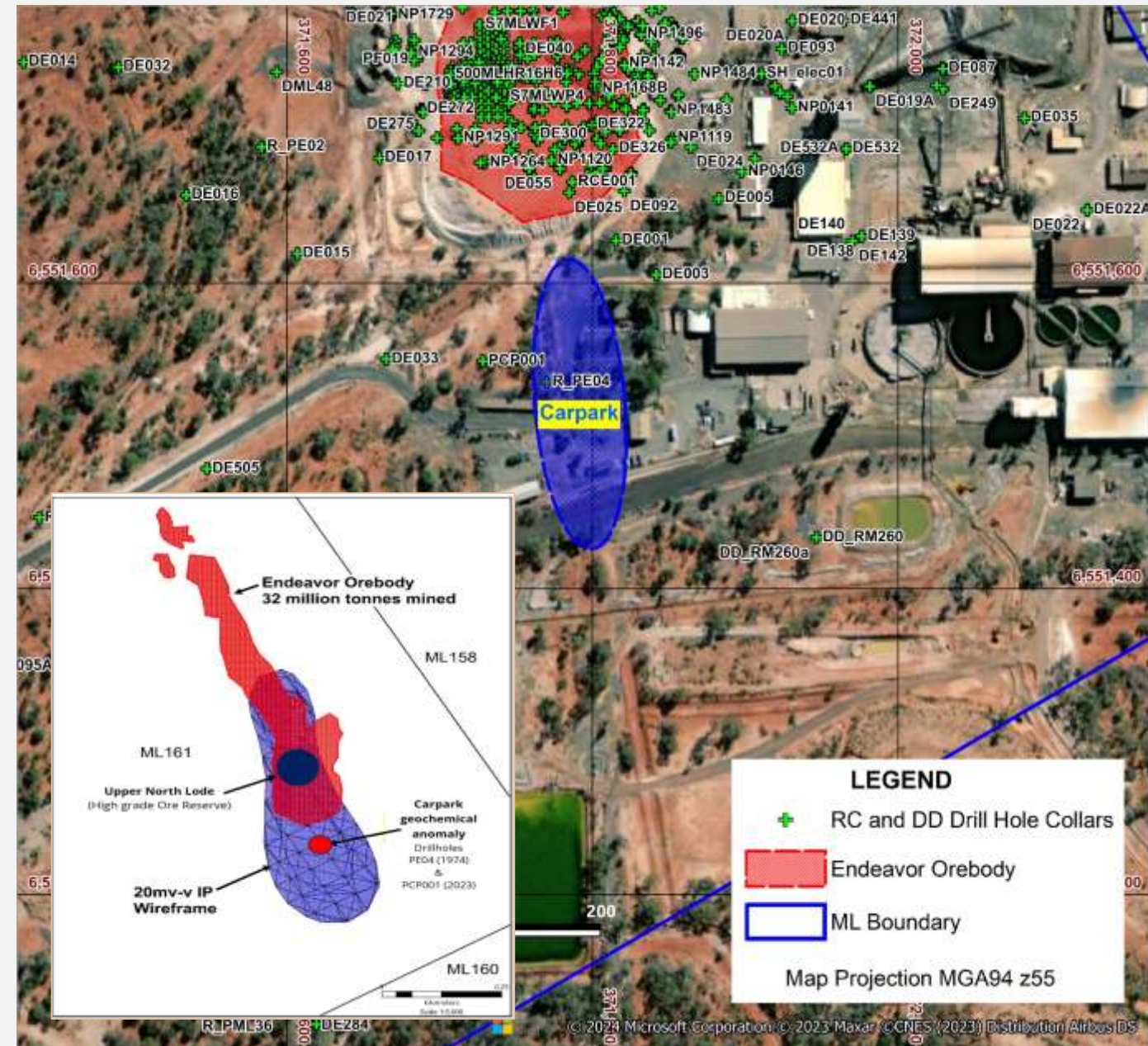
SECTION -

03

Potential to build
+20-year mining
operation.

December 2023 drilling confirmed prospectivity of geophysical and geochemical anomaly 150m to the south of main Endeavor orebody.

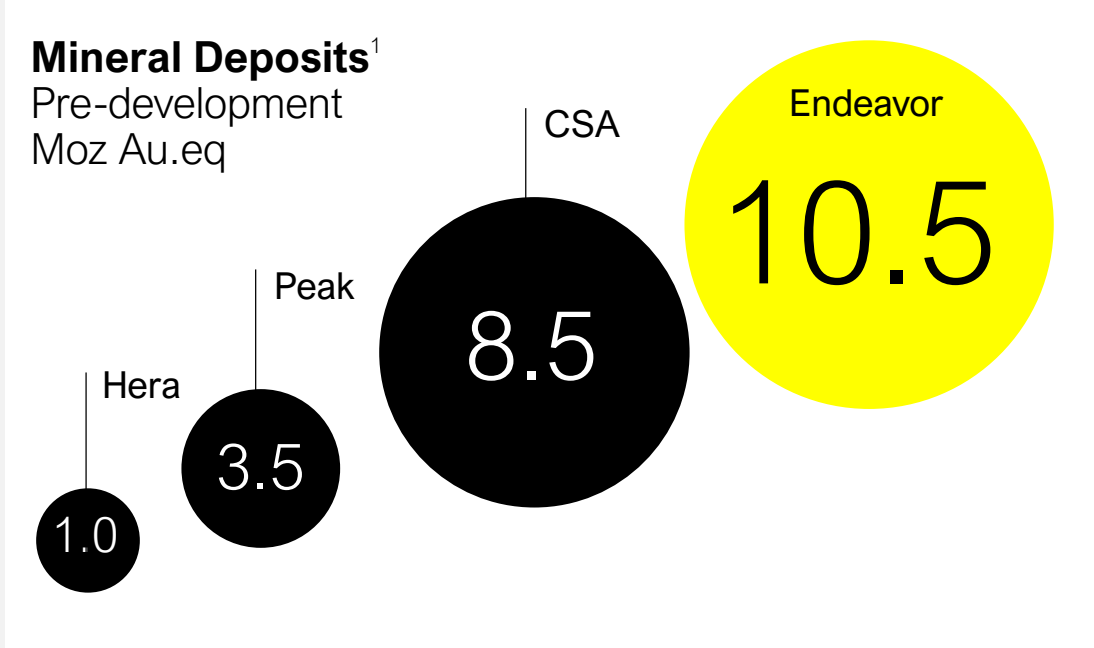
- Twelve holes drilled to date, broad +100m zinc & lead anomalism.
- Zinc and lead anomalism first identified in RC drill hole PCP001 now extends for over 150m.



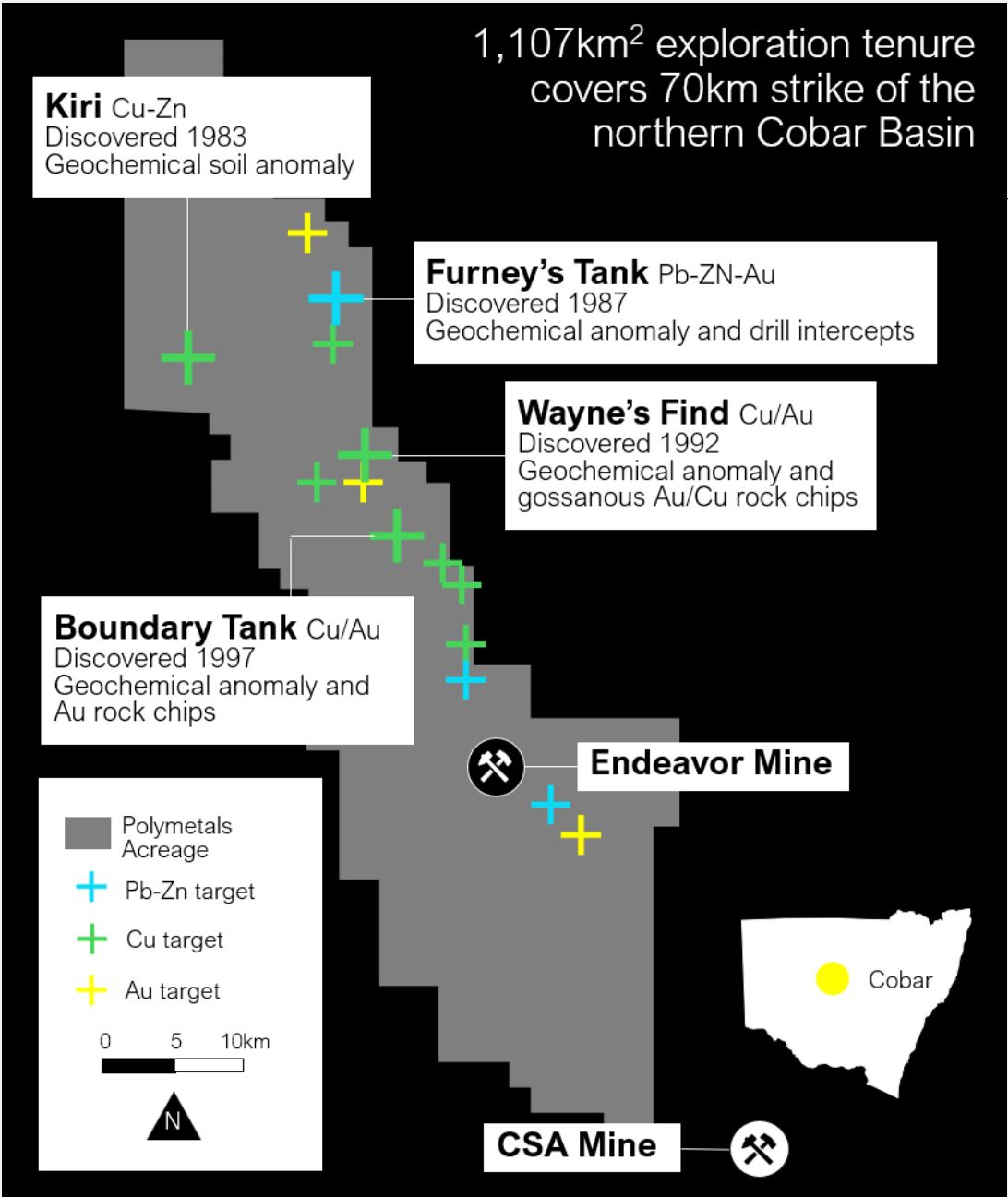
More prospects in close proximity to Endeavor Mine.

Exploration activities focused on delivering new economic copper, gold, and silver-zinc-lead deposits.

Metal endowment of the Cobar Basin increases towards the north.



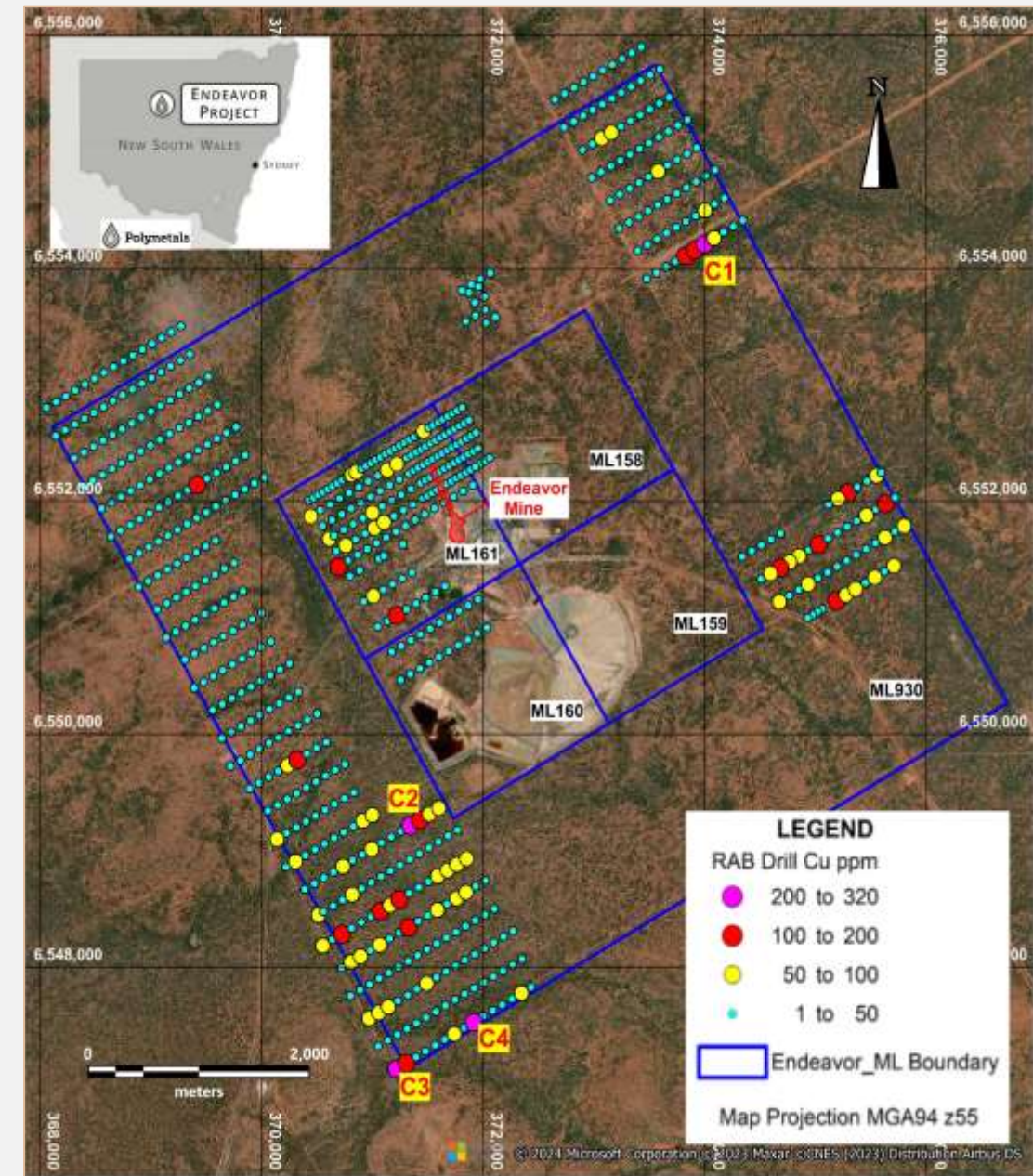
¹ Calculation is based on publicly available pre-mining resources



Significant potential for the discovery of Cobar style copper deposits.

C1-C4 targets identified in December 2023 have copper anomalism up to six times greater than background.

- Initial drilling of C2 and C3 planned during quarter.
- First drilling since 1990 RAB program at hole spacing 250m x 100m. Bottom of hole sampling at an average depth of 40m.



Leadership who knows the lay of the land.

Board and management have invested A\$8 million and have over 30 years mining experience in the Cobar Basin.



David Sproule
Executive Chairman

David has worked across Australia and in Africa, leading the development of several successful gold mining and processing operations. He specialises in value creation when developing mine projects by applying an 'owner build' model, which has proven to significantly reduce development costs. He was previously Chairman of Polymetals from its listing on ASX in 2011 until the company merged with Southern Cross Goldfields.



Alistair Barton
Non-Executive Director

Alistair has nearly 50 years of experience in the mining industry including exploration, project development, mining operations, contract mining and engineering services, consulting, capital fund raising and public company management. He has held the positions of Managing Director for ASX listed Probe Resources, and GM of Operations for Barrack Mines.



Jess Oram
Non-Executive Director

Jess is an experienced exploration geologist with over 30 years' practice in mineral exploration and management across a variety of commodities, companies and countries. He has been involved in mineral discovery, resource delineation and expansion and mining feasibility studies. He is currently the Senior Vice President – Exploration for ASX listed Paladin Energy, and has previously worked with CRA Exploration, Xstrata, and RGC.



Matthew Gill
GM Endeavor Mine

Matthew is a mining engineer with over 40 years' who has been instrumental in the development of four gold mines Porgera (PNG), Beaconsfield (Tas), Ballarat (Vic) and Morning Star (Vic)). He is a three-time winner of the Australian Mine Manager of the Year Award and received the AusIMM Leadership Award in 2008. Previously, CEO and MD of ASX listed White Rock Minerals and has also held the role of Group Chief Operating Officer for Singapore-listed LionGold Corp.



Linden Sproule
Corporate Development

A geologist, Linden has eight years' experience with Alternate Capital, Private Credit, Corporate Finance, Business Strategy & Development. He has extensive international experience throughout Asia and has worked across a range of multi-faceted private equity transactions and credit deployments within the metals & mining industry.



John Haley
CFO & Co-Sec

John has over 40 years' experience, specifically providing taxation advice to clients in the Australian mining industry which includes approximately 20 years as a Director/Chief Financial Officer and Company Secretary of junior mining companies in Australia and Canada. He was a founding Director of three ASX listed companies, Metallica Minerals Limited (ASX: MLM), MetroCoal Limited and Cape Alumina Limited.

Corporate Snapshot.

Share price

A\$0.31

As at 25 September 2024
52 week high \$0.45, low \$0.21

Market capitalisation

A\$62.31m

As at 25 September 2024

Shares on issue

194.8m

As at 25 September 2024

Cash

A\$7.8m

As at 30 June 2024

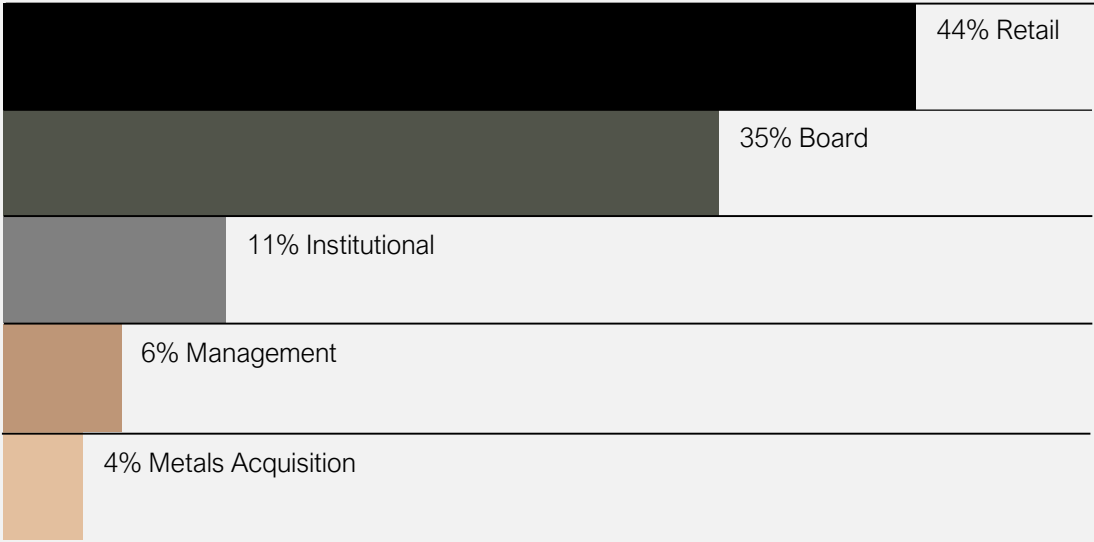
Options

Nil

Debt

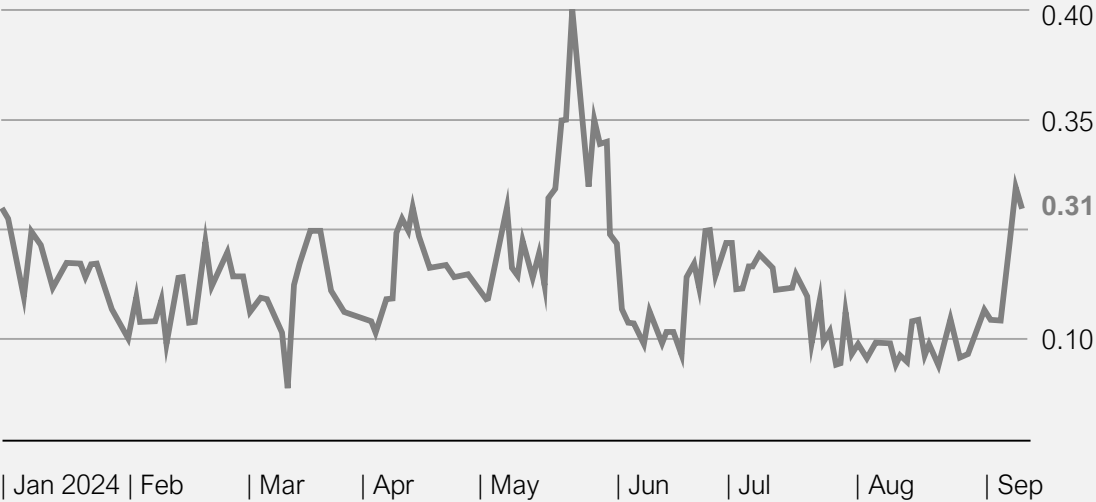
Nil

Share Registry



ASX Share price performance (\$A)

Year to 25 September 2024



Near-term value creation activities.

01

Mine restart.

- First production in April 2025, and revenues in May 2025.
- Sale of first zinc-lead concentrates in June quarter 2025.

02

Processing plant
upgrades.

- Addition of leach circuit to recover further silver and gold.
- Increase zinc and precious metals recovery from stored tailings.

03

Resource/Reserves
upgrade.

- Extending Deep Zinc Lode resources, which are open along strike and at depth.
- Define in-mine gold rich zones.

04

Near mine drilling and
regional exploration.

- Continued testing of known near-mine and regional exploration targets.





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¹ Refer ASX announcement "Endeavor Near Surface Resource 94% Measured & Indicated" dated 23rd May 2023

² Refer ASX announcement "Endeavor Silver Lead Zinc Mine Restart Study completed" dated 16th October 2023

Notes

1. Reported without use of cut-off grade

2. Discrepancies may occur due to rounding.

Appendix 1. Endeavor Mine Resources

JORC (2012) Compliant Mineral Resources – December 2023

Underground JORC (2012) Mineral Resource ¹

JORC Category	Mt	Zinc %	Lead %	Silver g/t	Zinc Mt	Lead Mt	Silver Moz
Measured	4.4	8.3%	5.1%	93	0.37	0.22	13.2
Indicated	8.8	7.9%	4.6%	82	0.70	0.40	23.2
Inferred	3.1	7.7%	3.7%	78	0.24	0.11	7.8
Total	16.3	8.0%	4.5%	84	1.30	0.73	44.2

Sector 1 Tailings JORC (2012) Mineral Resource ²

Category	Mt	Zinc %	Lead %	Silver g/t	Zinc Mt	Lead Mt	Silver Moz
Indicated	3.6	2.14	1.56	80	77	56	9.3
Inferred	1.6	2.07	1.53	77	33	25	74
Total	5.2	2.12	1.55	79	110	81	13.3

Stage 1 Endeavor Mine JORC (2012) Ore Reserve

Category	SOurce	Mt	Zinc %	Lead %	Silver g/t	Zinc Kt	Lead Mt	Silver Moz
Proved	Underground	0.49	6.11	3.90	132	299	191	2
Probable	Underground	1.7	7.17	1.64	60	1,219	279	3.3
	Sector 1 Tailings	3.4	2.14	1.56	80	728	530	8.7
Total Probable and Probable Reserves		5.6	4.04	1.79	78	2,262	1,002	14