



HIGH-GRADE GOLD, ANTIMONY & COPPER EXPLORATION PORTFOLIO

Belt scale discovery opportunities in a tier 1 jurisdiction
Maiden drilling program completed

NOOSA MINING INVESTOR CONFERENCE NOVEMBER 2025

[COSMOMETALS.COM.AU](https://cosmometals.com.au)

ASX:CMO

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Compliance statement: This presentation contains information on the Bingara and Nundle Projects extracted from the ASX market announcement dated 12 February 2025, 11 March 2025, 3 April 2025, 22 April 2025, 19 June 2025, 2 July 2025, 17 July 2025, 27 August 2025, 9 September 2025, 23 October 2025 and 27 October 2025 and reported by the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (2012 JORC Code) and available for viewing at www.cosmometals.com.au. This presentation contains references to historic exploration results on the Bingara and Nundle projects that was not performed by the company.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports and that the form and context in which the Competent Person's findings are presented have not been materially modified from the original reports (referencing historic and new company announcements).

Cautionary statement: According to Listing Rule 3.1, the Company informs investors that visual estimates of mineral abundance included in this release should never be considered a proxy or substitute for laboratory analysis where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.

Authorised for release by the Managing Director Ian Prentice.

MULTI-COMMODITY AUSTRALIAN EXPLORATION PORTFOLIO



GOLD-ANTIMONY & COPPER

Large scale (743km²) NSW projects – larger land area than Singapore

BELT SCALE LANDHOLDING

New England Orogen covering over 40km cumulative strike of historic goldfields – to the west of Larvotto's Hillgrove mine

KANOWNA GOLD PROJECT

On the doorstep of Kalgoorlie, one of the World's premier gold mining districts

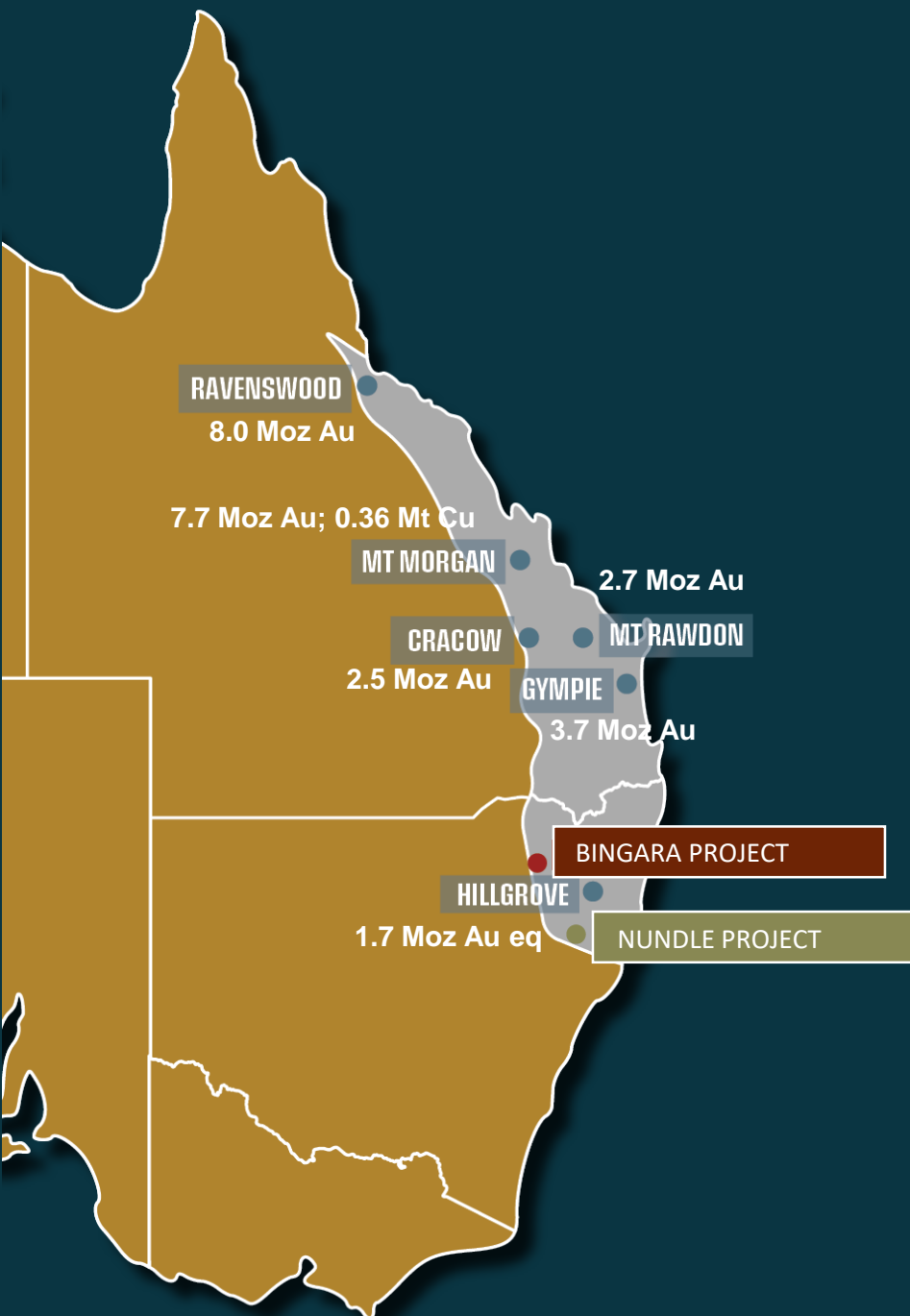
ACTIVE EXPLORATION

First drilling in >30 years completed at Bingara – work underway at key prospects to unlock large scale discoveries

TEAM

In place to implement exploration strategy providing platform for success

NSW GOLD, ANTIMONY & COPPER PROJECTS



NEW ENGLAND OROGEN

Tier 1 gold (antimony) - copper deposits; includes Hillgrove gold-antimony deposit (1.7Moz AuEq) and Mt Morgan gold-copper deposit (production of 7.7Moz and 361kt Cu)¹



BELT SCALE LANDHOLDING

NSW projects cover over 40km cumulative strike of the under explored historic Bingara and Nundle goldfields with >2000 old pits and shafts from mining dating back to 1850's



ANTIMONY

Projects cover areas of the highest antimony-gold prospectivity in NSW^{2,3}



COPPER - GOLD

High conviction targets with 20km trend of past VMS mines at Bingara and large Mt Morgan style target at Nundle

1. Refer CMO ASX announcement dated 03/04/2025
2. Refer CMO ASX announcement dated 12/02/2025
3. As mapped by the NSW Mines Department

NSW PROJECTS

Bingara & Nundle

SOUTHERN NEW ENGLAND OROGEN

Highly mineralised with a range of commodities – gold-(antimony), silver, copper, tin – but remains largely underexplored.

PROVEN MINERALISATION

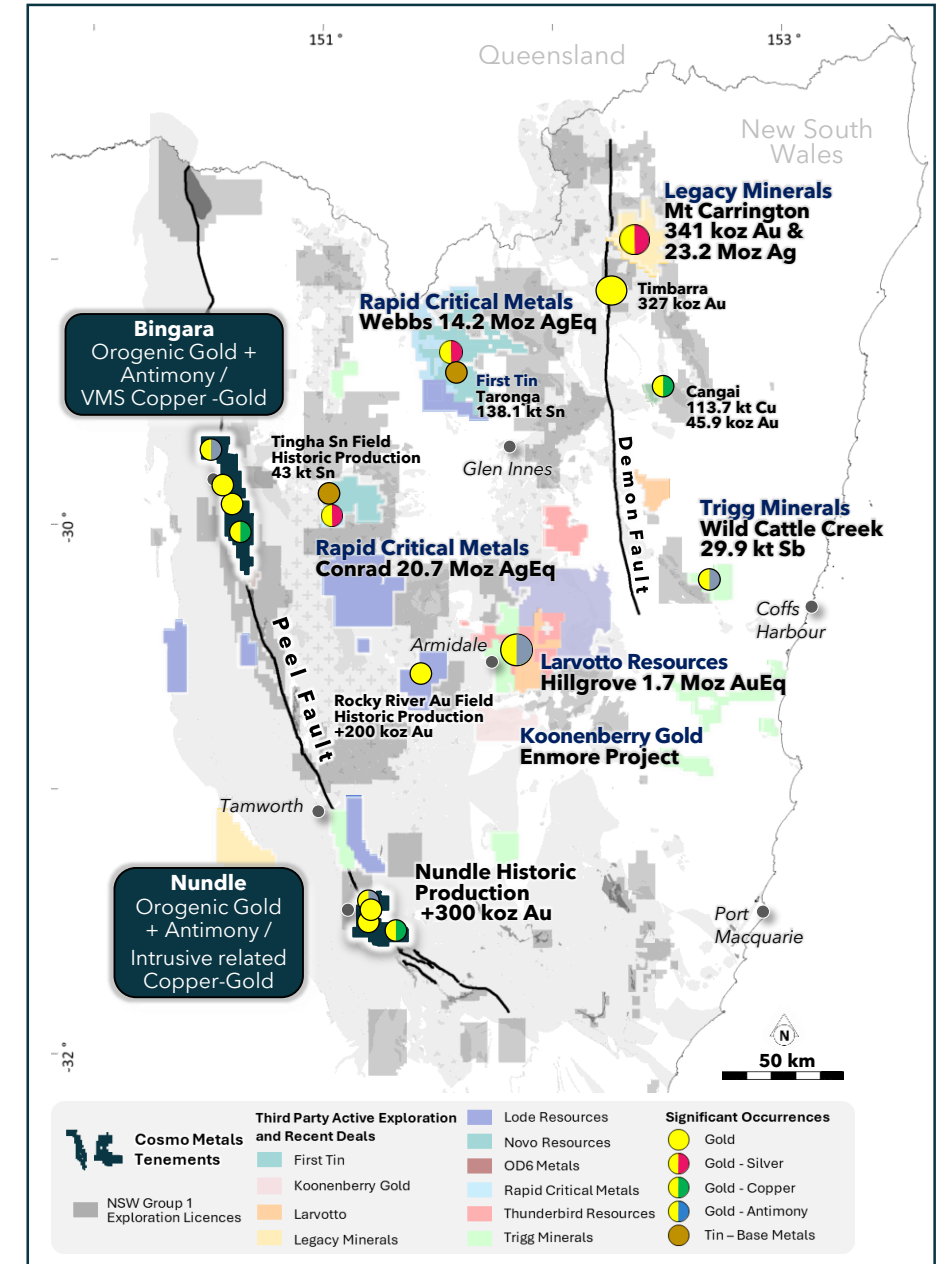
Historic mining (>300,000oz gold production from Nundle) and shallow drilling confirm widespread mineralisation to follow up.

LIMITED PAST EXPLORATION

Sporadic exploration across the projects since 1970's with no drilling in ~30 years and minimal modern systematic exploration – until now.

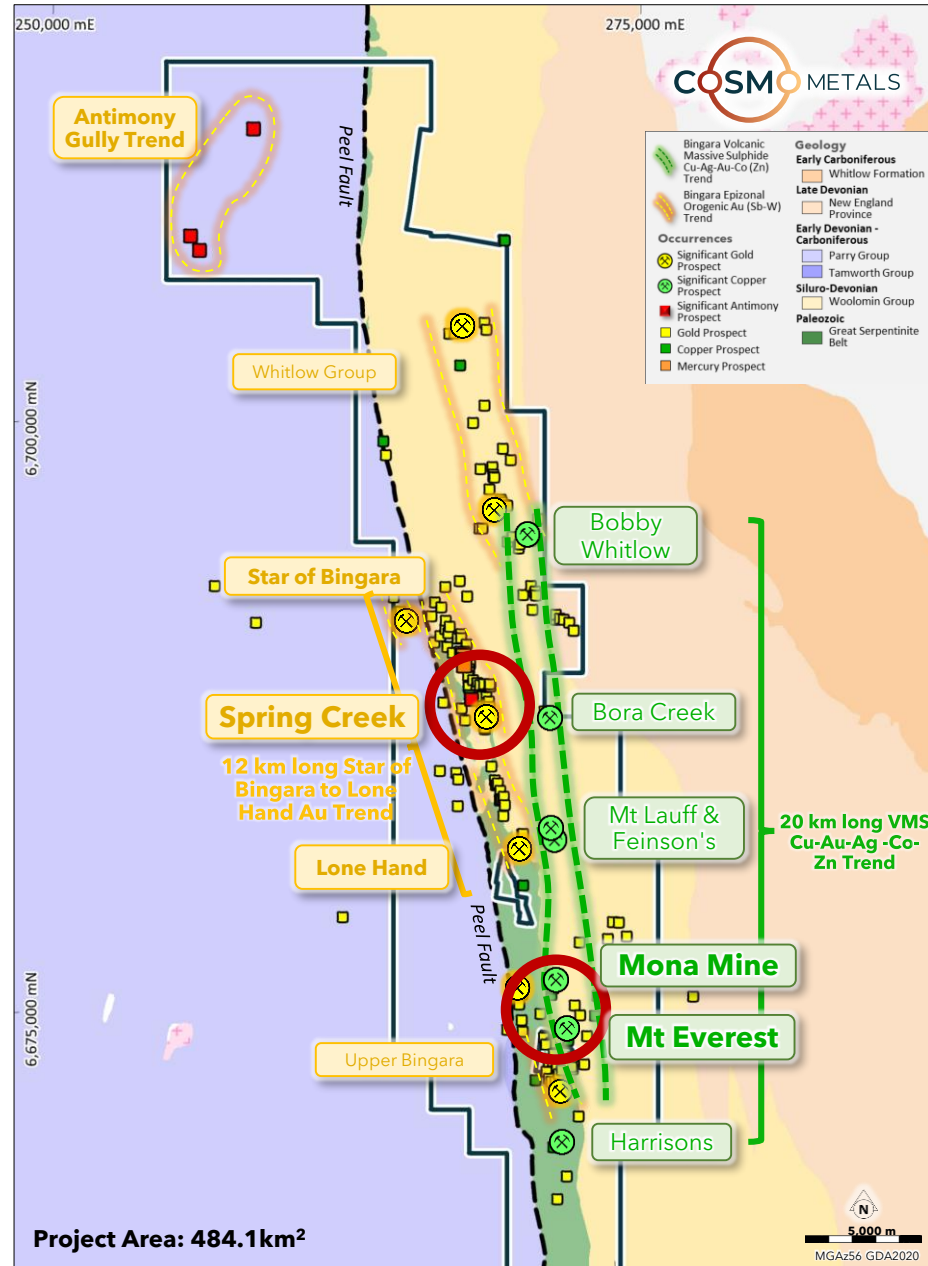
COSMO EXPLORATION UNDERWAY

First drilling in >30 years completed at Bingara – with project wide LiDAR surveys at Bingara & Nundle and SAM geophysics survey at Bingara identifying high conviction targets.



BINGARA

High-grade historical gold mining and limited drilling provide clear focus for follow up exploration



HISTORICAL HIGH-GRADE GOLD-ANTIMONY AND COPPER MINING

- **Gold-antimony:** +30km long orogenic gold trend hosts the Bingara goldfield – mined for Au & Sb from 1850's
- **Star of Bingara to Lone Hand** 12km long zone of intense historical gold mining centred on Spring Creek

FIRST DRILLING IN >30 YEARS JUST COMPLETED AT SPRING CREEK – RESULTS EXPECTED IN NEAR TERM

- **VMS copper-gold-zinc:** 20km-long Cyprus style VMS trend with 6 deposits mined in early 1900's
- **Mt Everest - Mona area;** 4.0km long belt of copper pits & mines; rock chip results up to 24.2% Cu – never drilled

DRILLING COMPLETED AT SPRING CREEK PROSPECT TO EXPAND ON 1980's / 1990's DISCOVERIES

BINGARA: Star of Bingara to Lone Hand

12 km long zone of high intensity historic mine workings largely untested by modern exploration

Zone of high intensity historic mining activity with >1,180 pits / shafts¹

Centred on Spring Creek prospect with no drilling over 4-5 kms of strike to the north and south

- Rock chip sampling north of Spring Creek returned up to 16.4 g/t Au
- 1.4km long Au-As soil anomaly in broader Spring Creek area clearly outlines known gold mineralisation

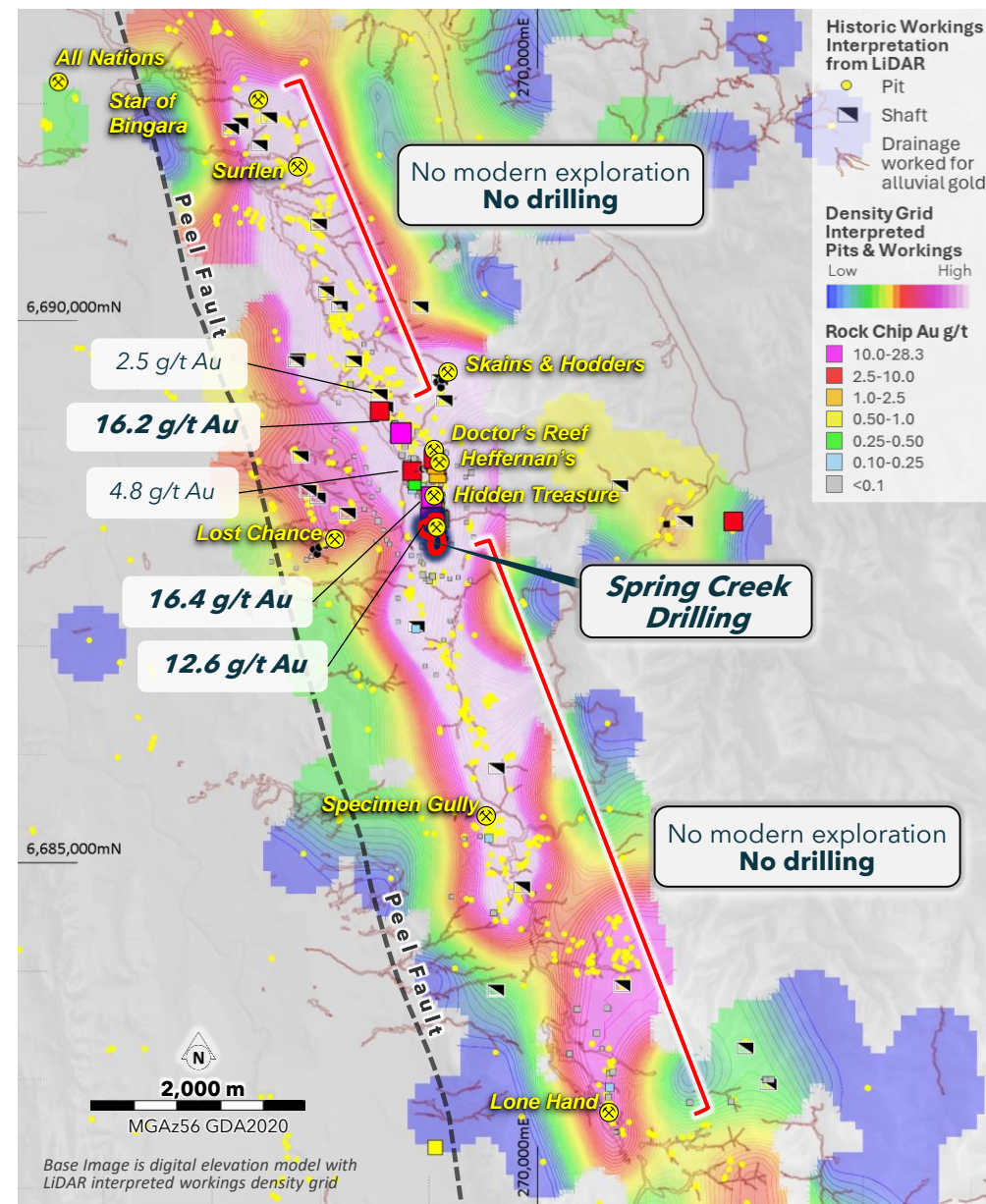
Historic Spring Creek drilling returned shallow high-grade intercepts within ~350 m strike of the 12 km long zone

Compelling target for gold exploration with potential for large scale discovery



The Lone Hand Mine, Bora. In operation. Early 1900's.

1. Refer CMO ASX announcement dated 27/08/2025



BINGARA: Spring Creek

First drilling in >30 years
to confirm and expand
on previous shallow,
high grade results

Shallow drilling from mid 1980's to mid 1990's produced high-grade gold intercepts that remain open:

- 6.0m at 6.43 g/t Au from 8.0m (SC17) incl. 2.0m at 17.6 g/t Au from 12.0m
- 8.0m at 2.83 g/t Au from 1.0m (SC26)
- 6.0m at 2.97 g/t Au from 19.5m (PDHSC10) incl. 3.0m at 5.51 g/t Au from 19.5m

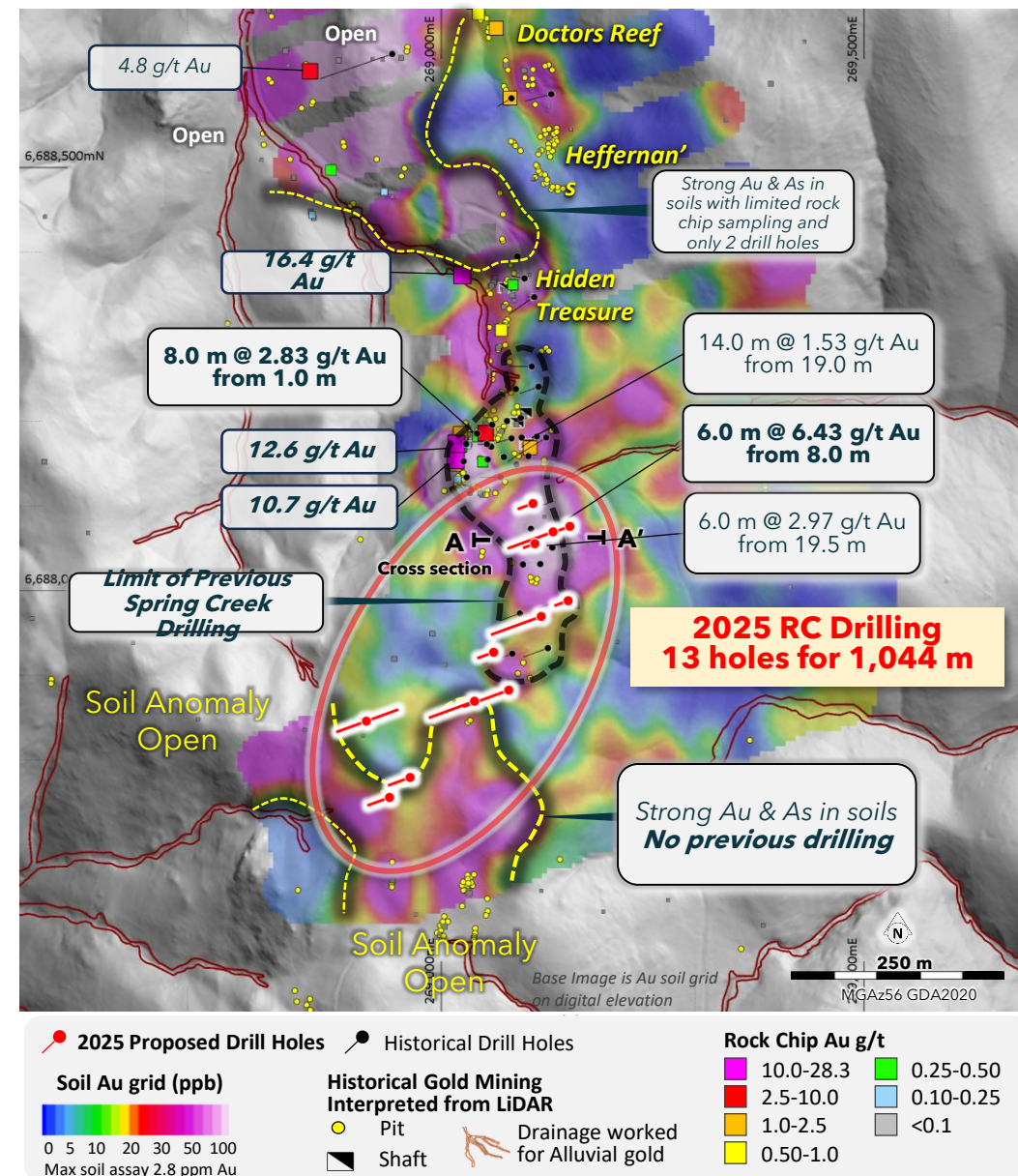
Spring Creek mineralisation consists of 1 to 14m thick shallow dipping sheets that daylight to the west

Currently only defined to a maximum depth of 36m to the limit of drilling



Reading Gold Mine, Spring Creek, Bingara.

1. Refer CMO ASX announcement dated 9/09/2025



BINGARA: Spring Creek

2025 RC drilling program completed – results in coming weeks

Drilling to confirm past results from southern end of the previous drilling

13 RC holes drilled for 1,044m to hole depths ranging from 37m to 151m

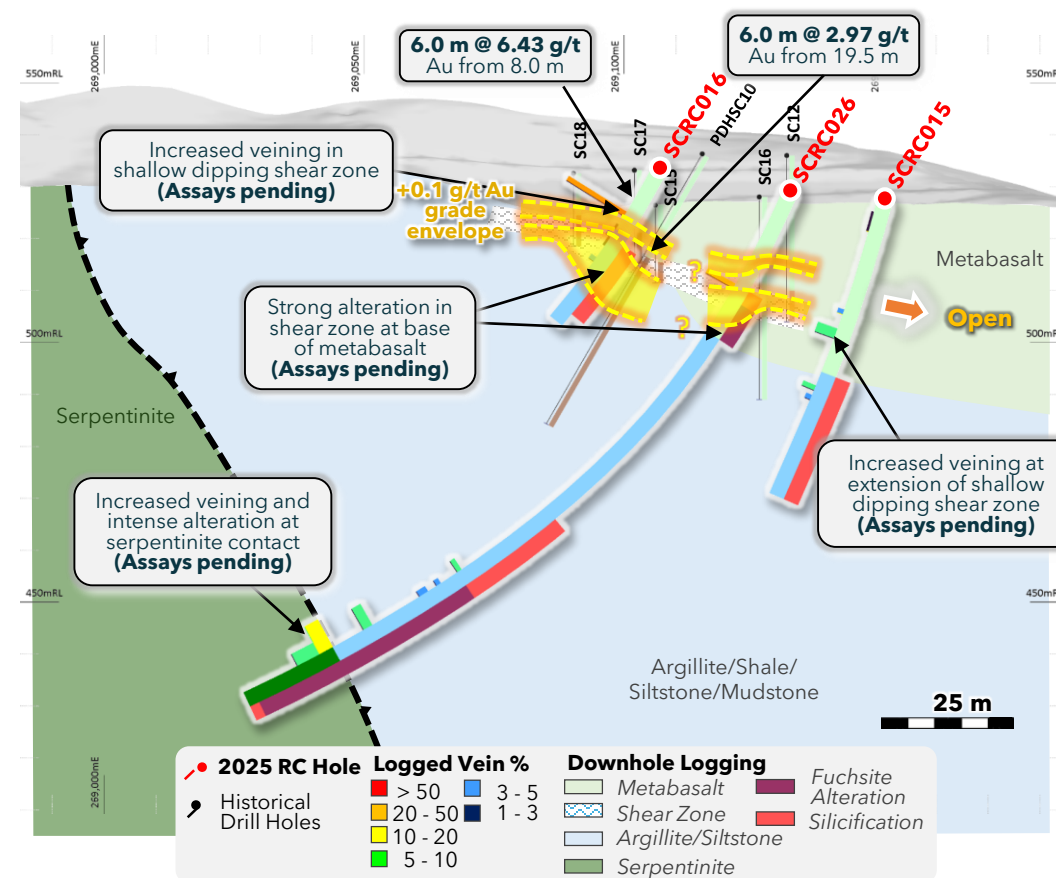
Also tested for steep dipping feeder zones / contacts not previously tested

South extension associated with strong Au-As soil anomaly tested for first time

Widespread veining and/or intense alteration intersected at sheared contacts – **ASSAYS PENDING**



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BINGARA: Mt Everest To Mona

NSW Government grant
of \$50,000 to co-fund
systematic geochem
program

Mt Everest to Mona trend – 4.0km section of
20km long VMS belt (6 historic VMS mines).

LiDAR data combined with SAM survey shows
extensive copper workings and untested
horizons.

Rock chip sampling from Mt Everest returned¹:

- up to 8.19% Cu from partially oxidised
sulphide material
- up to 24.2% Cu from supergene material

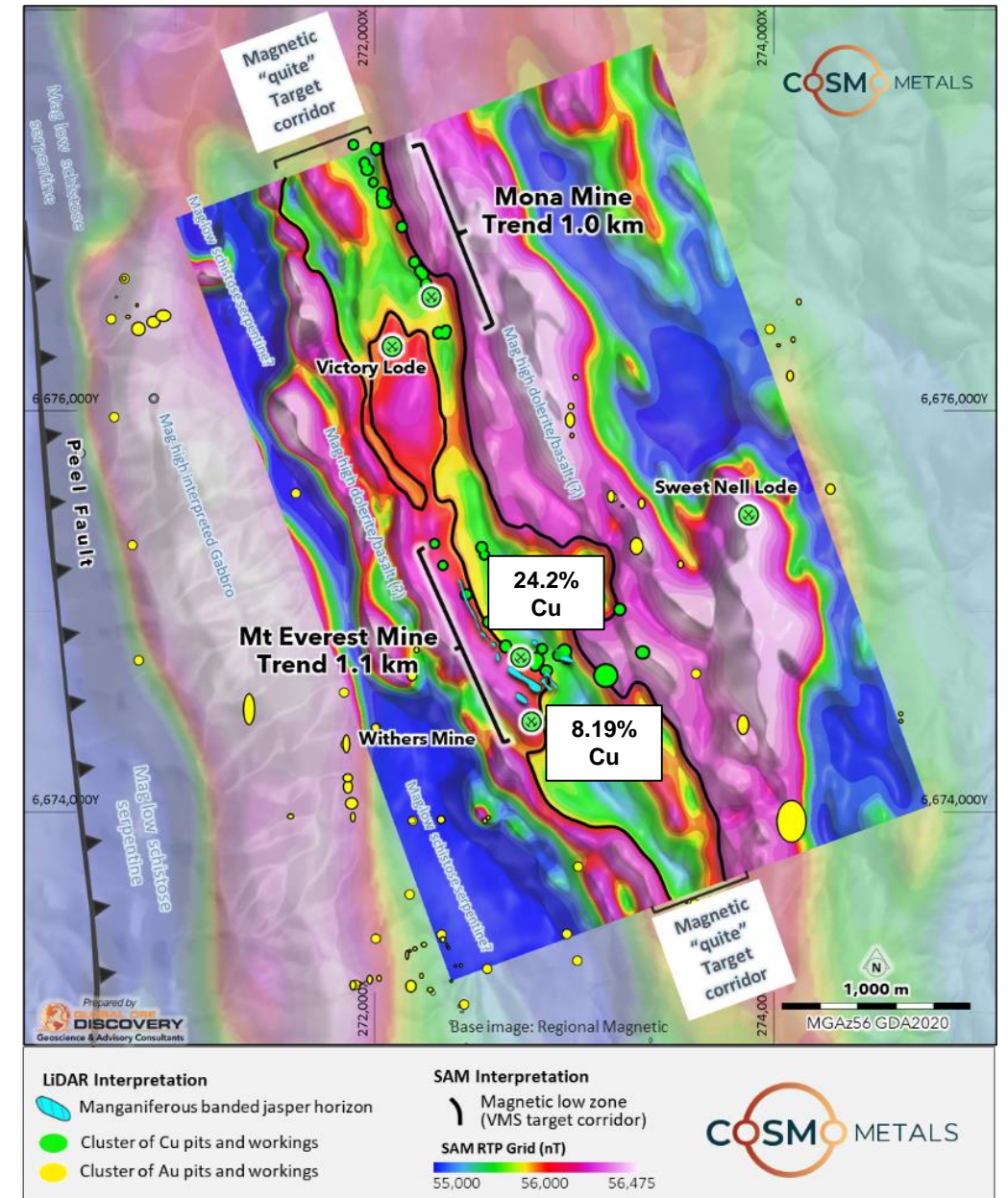
No drill testing along entire strike

No known sampling along Mona Mine trend

High impact systematic geochemistry program
and geological mapping to be completed before
end of CY25

Co-funded up to \$50,000² under the NSW
Government's "Critical Minerals and High-Tech
Exploration Program"

1. Refer CMO ASX announcement dated 17/07/2025
2. Refer CMO ASX announcement dated 23/10/2025



BINGARA: Mt Everest To Mona

Large scale historical
copper production to
base of supergene zone



Copper smelter site, Mt Everest



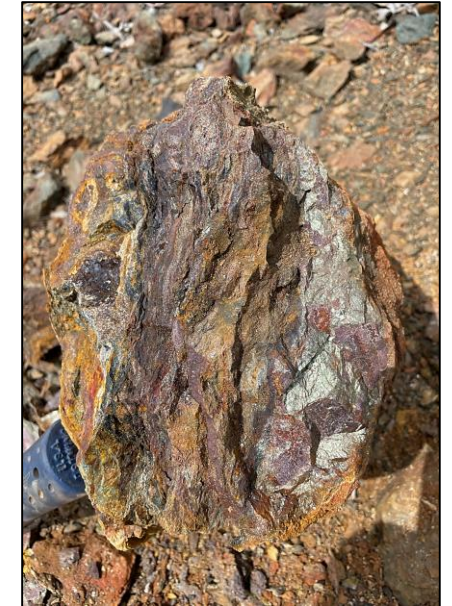
Mt Everest open cut workings



Haematitic gossan with malachite (15.5% Cu, 0.42g/t Au, 29.1g/t Ag)



Mine dump coarse
py-cpy silica rock
(3.9% Cu, 0.13g/t Au, 10.6g/t Ag)



Mine dump partially oxidized cpy-py
and gossan bands
(8.2% Cu, 0.19g/t Au, 5.4g/t Ag)

1. Refer CMO ASX announcement dated 17/07/2025

BINGARA: Antimony Gully

+8km long prospective trend defined by clusters of historic antimony workings

Antimony Gully Trend – +8.0km long corridor of historic antimony mines and workings.

LiDAR interp shows additional clusters of workings with potential for more antimony mineralisation than recorded.

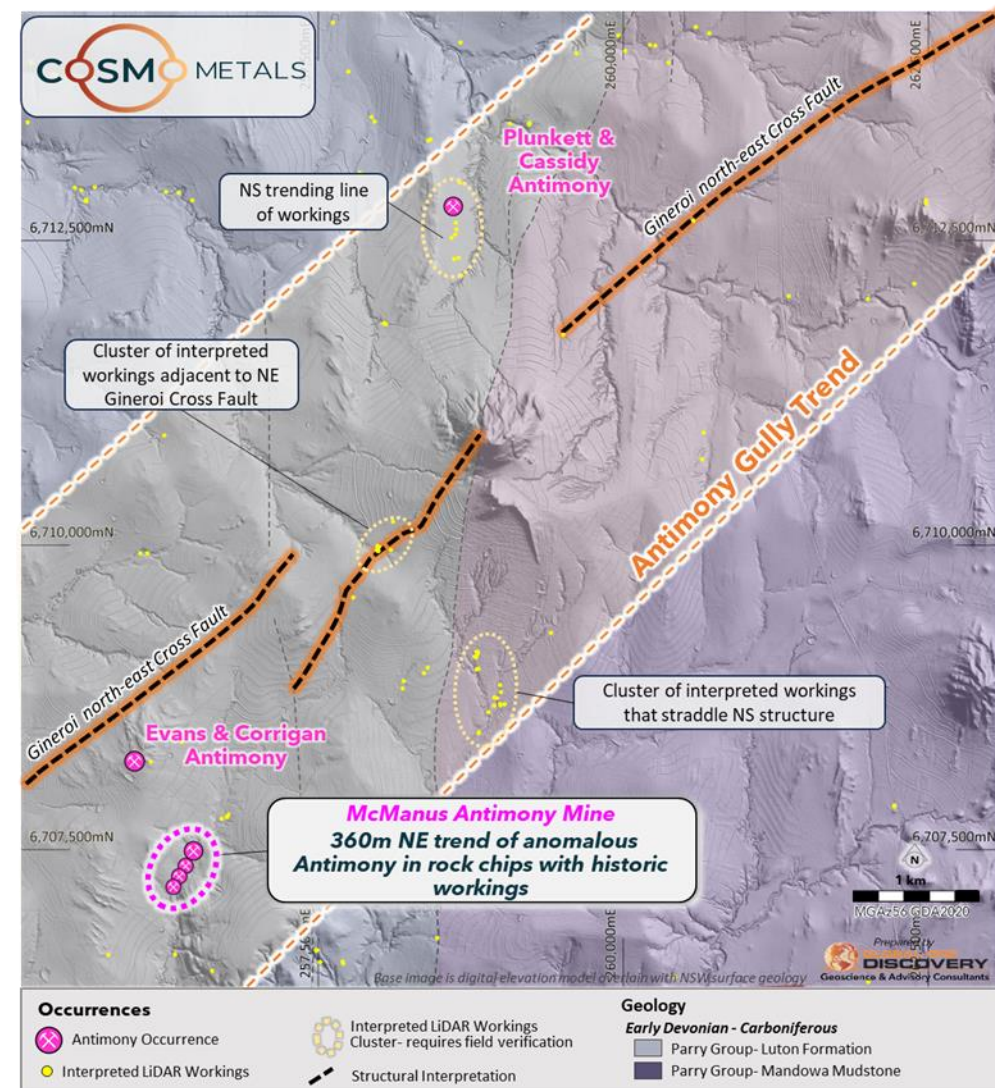
Reconnaissance rock chip sampling from McManus returned¹:

- up to **5.75% Sb** from quartz vein breccia

Corridor associated with regional scale NE trending Gineroi fault zone.

No known previous sampling or drill testing along entire trend

Follow up geochemistry program and geological mapping to identify and prioritise drill targets.



1. Refer CMO ASX announcement dated 11/11/2025

NUNDLE

Significantly underexplored with at least three large scale targets and historic antimony production

Nundle Goldfield – historic mining (1849 – 1940's) produced at least 300,000 ounces Au¹

- Similar geochemical signatures to the Hillgrove gold-antimony mine, with 4.3t antimony produced from Zwer's mine

Limited drilling ~30 years ago – no systematic modern exploration.

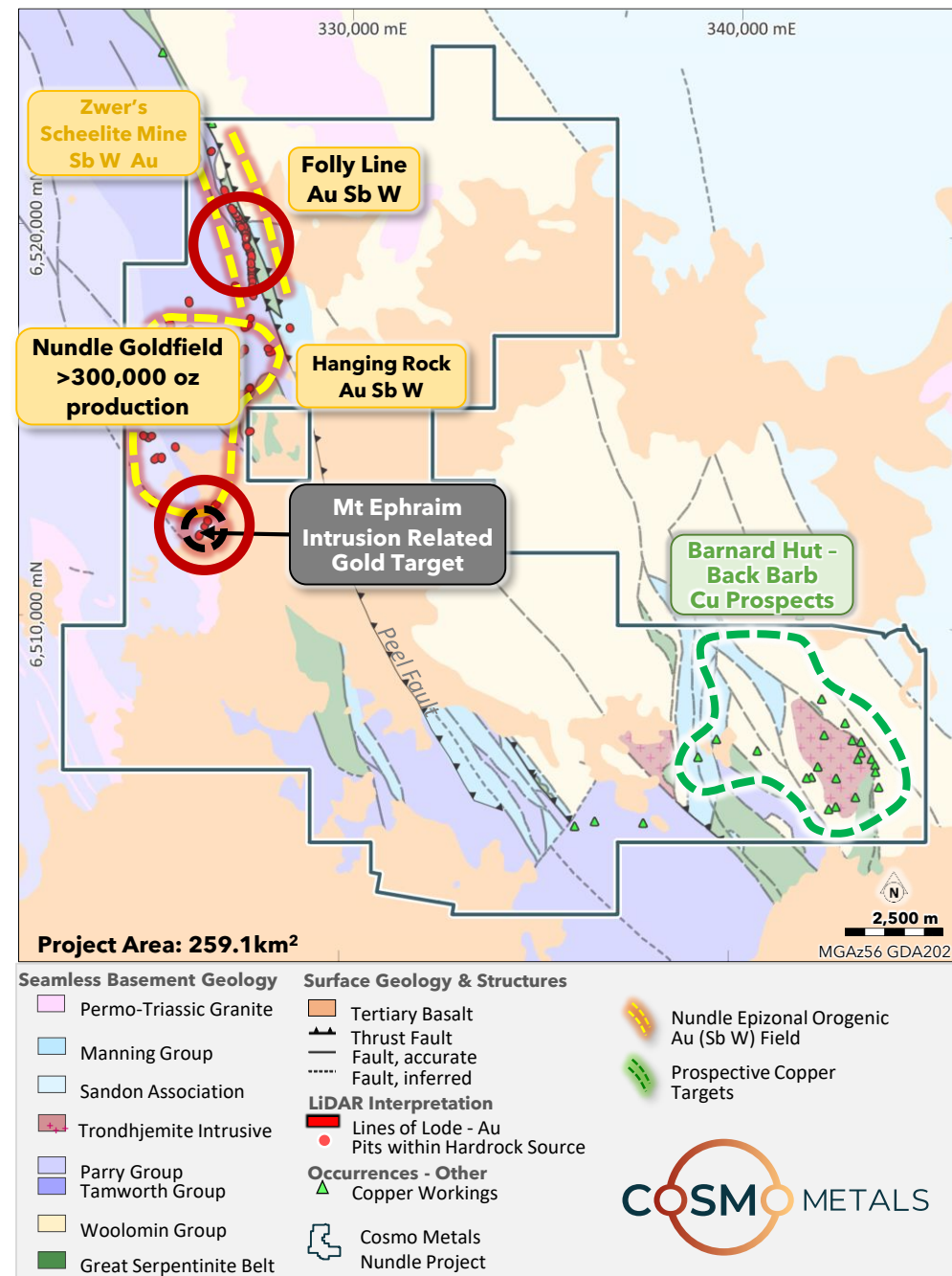
LiDAR survey mapped >1,000 historic pits and shafts over Nundle Goldfield – two high-priority gold targets identified:

- Folly Line +1km long structural jog adjacent to Peel Fault
- Mt Ephraim large-scale intrusion - related Au-Cu target

High conviction copper target at Barnard Hut / Back Barb prospective for Intrusion Related "Mt Morgan Style" Deposits.

- Evidence of copper mineralisation over +3km area – never drilled, no exploration since 1971

1. Refer CMO ASX announcement dated 17/07/2025



NUNDLE: Folly Line

2.2km-long strike of hard rock workings presents shallow high-grade gold targets

LiDAR survey identified +1km long Trevena to the Gap structural jog within 2.2km north-south strike of hard rock gold workings

Hosts several sub parallel lines of shafts and pits within zone of intense alteration

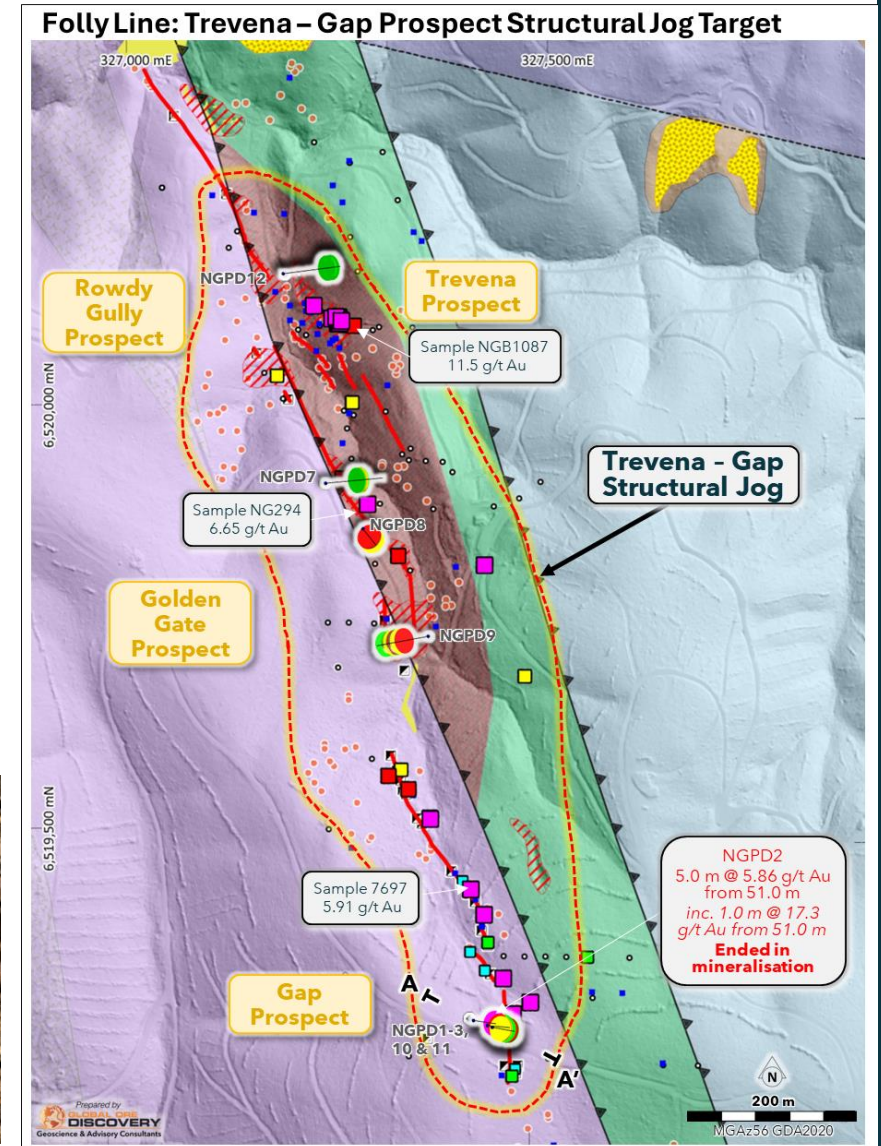
Limited shallow drilling in 1996-97 produced high-grade gold results that remain open¹:

- 5.0m at 5.86 g/t Au from 51m (NGPD2) incl 1.0m at 17.3 g/t Au from 51m
- No follow up drilling

Mother Lode style orogenic gold system - have produced large quantities of gold globally.



Trevena sample (LHS) two generations of quartz veining, crystalline-saccharoidal and later massive to moderately banded chalcedonic silica; crystalline to saccharoidal quartz fissure vein, remnant pyrite and limonite-goethite after sulphides – The Gap (Centre); coarse saccharoidal to crystalline quartz vein fragment, ferruginous patches. Cross cutting 2-3mm wide dark quartz sulphide veinlet – Duke of York (RHS)



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1. Refer CMO ASX announcement dated 19/06/2025

NUNDLE: Mt Ephraim

Intrusion related Au-Cu target exposed by historic deep lead mining

LiDAR survey mapped historic Mt Ephraim deep lead gold mine, part of the Hanging Rock field

Gold mineralisation identified in quartz veining and weathered granite in Mt Ephraim pit floor

Limited rock chip sampling in 2007 returned:

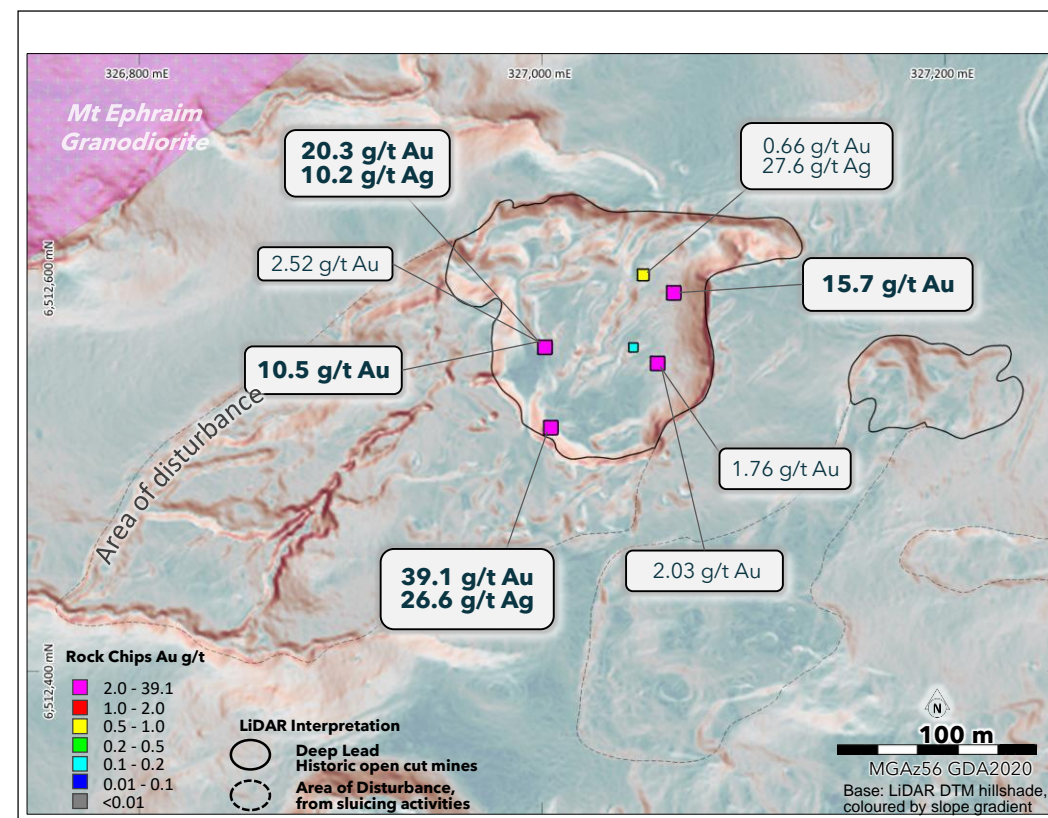
- up to 39.1g/t Au in quartz veining
- multi element association - elevated Ag-Cu-Bi and anomalous Te & Mo

Quartz veining with epithermal textures with gossanous fill and secondary Cu minerals

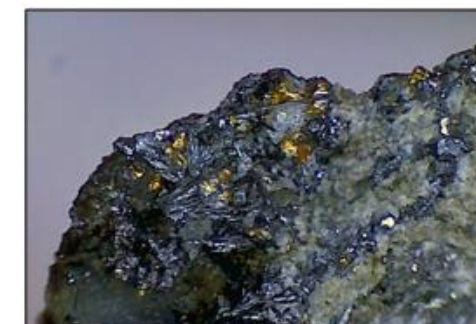
Minimal modern exploration, no drilling

Geochemistry and geological setting indicative of large-scale intrusion related Au-Cu system such as Kidston or Pogo.

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High pressure sluice mining used at the Mount Sheba Mine, Nundle Gold Field, 1890's.



Free gold and stibnite from Hanging Rock Nundle Goldfield.

NUNDLE: Folly Line & Hanging Rock

Historical gold and gold
– antimony production

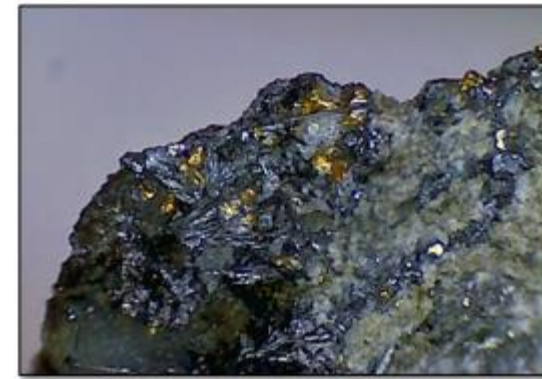
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Hanging Rock Gold Mine, Nundle Goldfield.



Free gold and stibnite from Hanging Rock Nundle Goldfield.



High pressure sluice mining used at the Mount Sheba Mine, Nundle Gold Field, 1890's.

NUNDLE: Barnard Hut / Back Barb

Mt Morgan style island
arc intrusion related
copper – gold targets

Multi kilometre long copper anomalism associated with Devonian age intrusives with no
follow up exploration for over 50 years!!

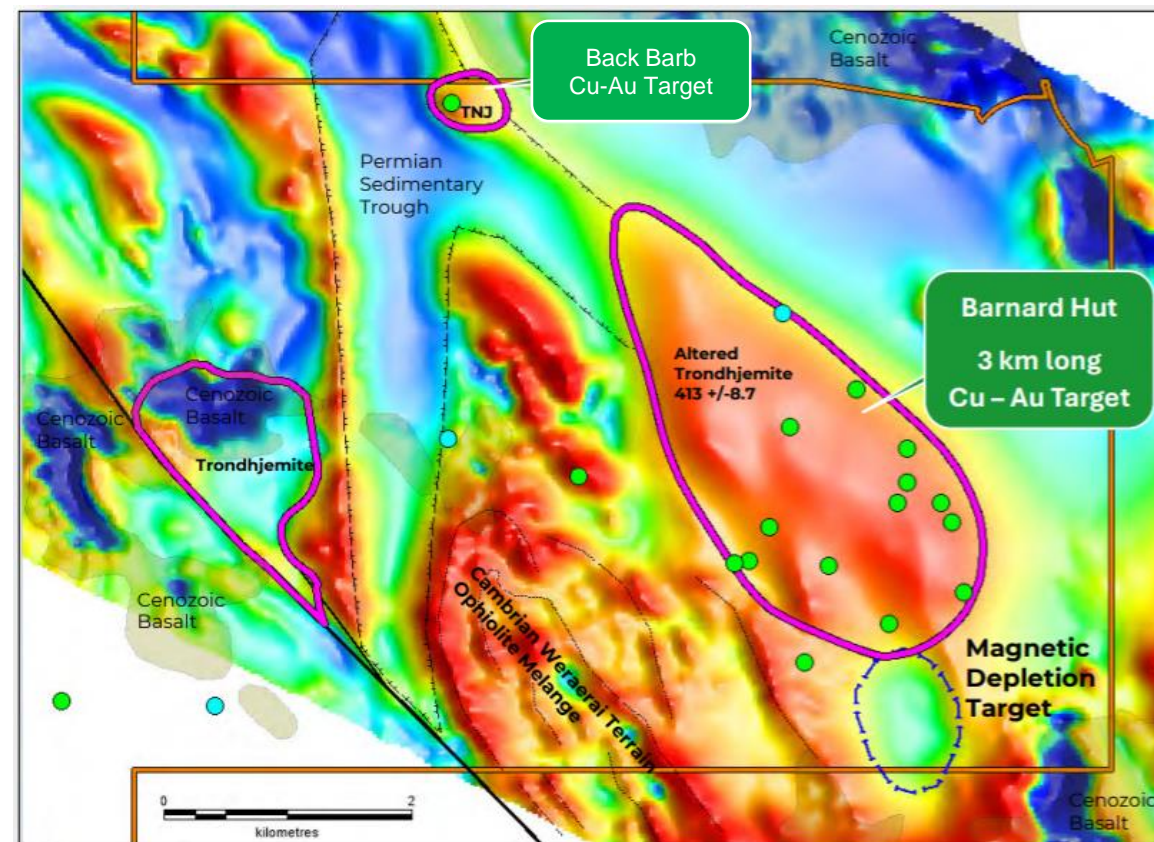
Exploration completed in 1971 – 376
consecutive samples from wide
spaced costeans.

“Strong traces of copper along a
strike of approx. 3.2 km”

Mineralisation associated with veins
/ veinlets of malachite, chalcopyrite
and bornite in strongly sericite
altered intrusive and wall rocks

Copper mineralisation with specular
hematite associated with 4.2 km x 1.6
km mag high.

CMO confirmed evidence of copper
mineralisation in northern portion¹



1. Refer CMO ASX announcement dated 11/03/2025

NUNDLE: Barnard Hut / Back Barb

Mt Morgan style island
arc intrusion related
copper – gold targets

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Historical trench northern portion of Barnard Hut looking west; malachite with tenorite and jarosite in hand specimen from trench



Back Barb – malachite in sheared ultramafic outcrop; 10cm wide vein with secondary chalcocite and relic primary chalcopyrite

KANOWNNA GOLD PROJECT

Located in the shadow of the
Kalgoorlie
Super Pit

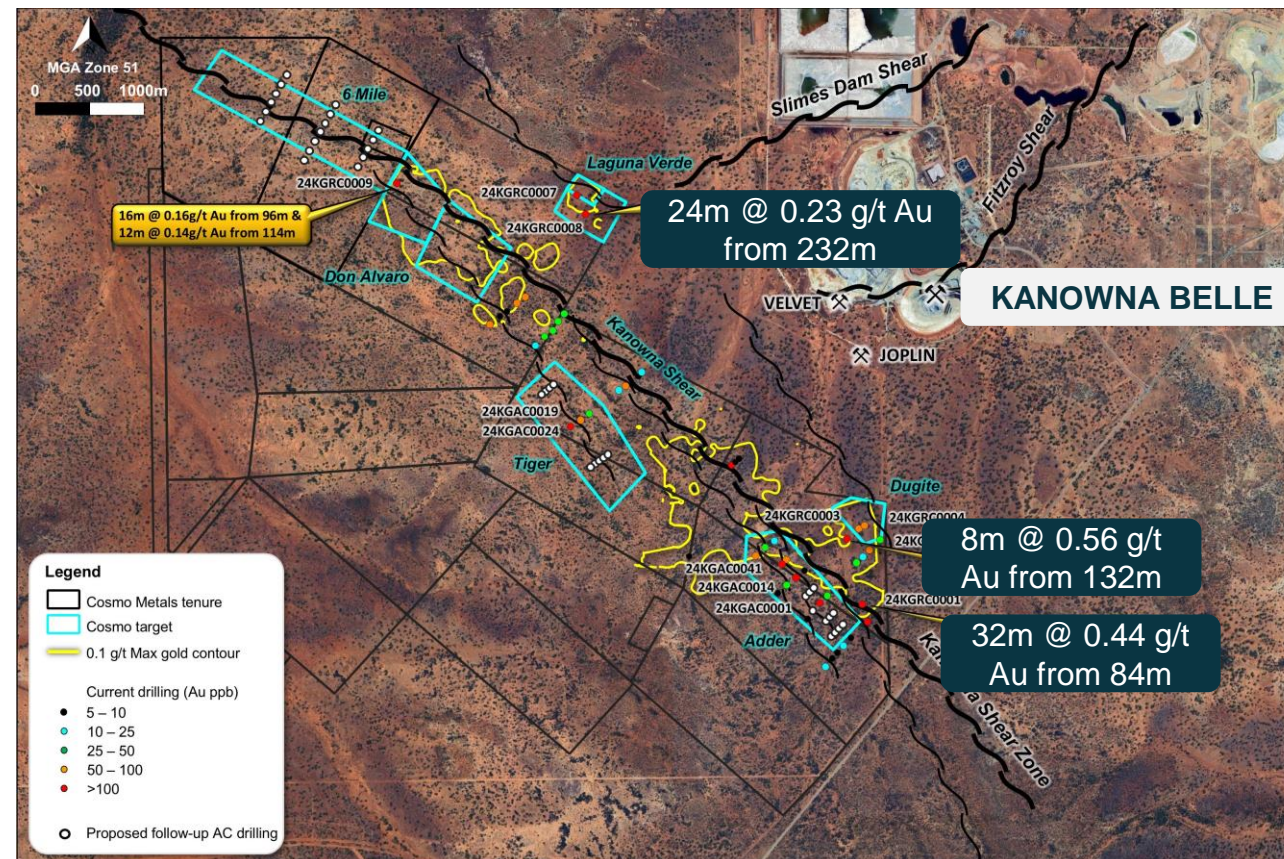
Adjacent to Kanowna Belle Gold Mine, 13km by road from Kalgoorlie

- Contains >8 km of Kanowna Shear Zone and splay faults, incl the Fitzroy Fault
- Permissive structural setting associated with widespread pathfinder element (As, Sb, Bi, Te, etc) anomalism and supergene gold

Prospective for structural & sediment hosted gold deposits, such as Invincible deposit at St Ives

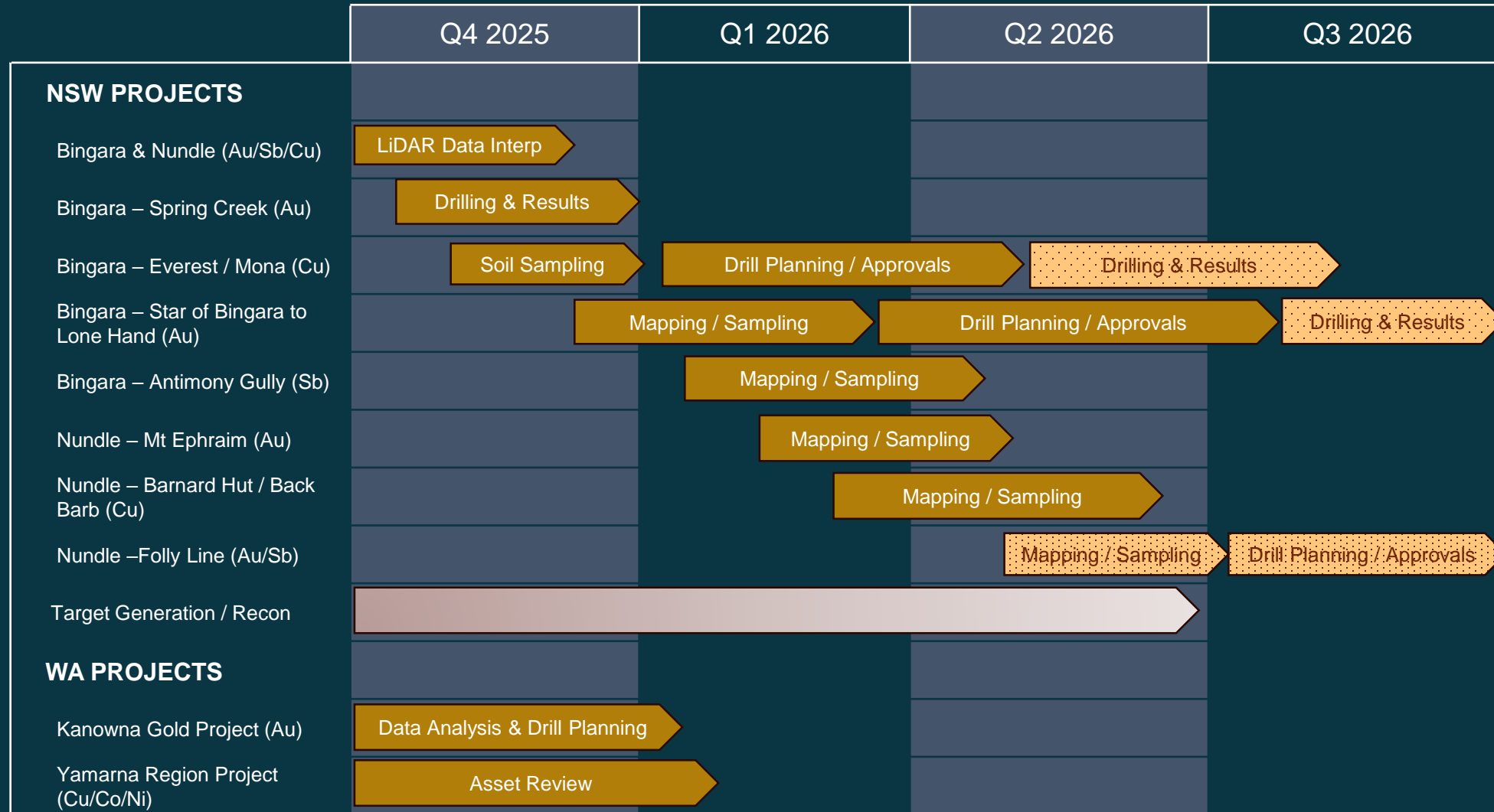
CMO has received a grant under the WA Government Exploration Incentive Scheme (EIS) to co-fund a deep diamond drill hole at Laguna Verde

Laguna Verde interpreted to be associated with the potential extension of the Fitzroy Fault an important structure associated with the nearby Kanowna Belle deposit



ESTIMATED FORWARD WORK PROGRAMS

Strong News Flow & Value Catalysts

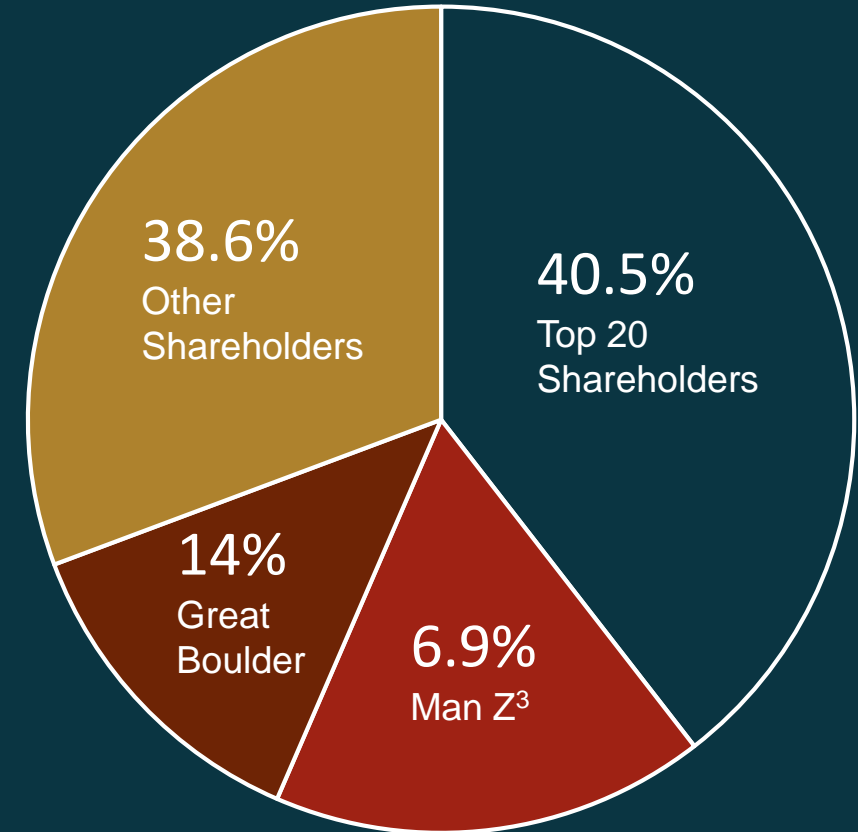


CORPORATE SNAPSHOT

Supportive shareholder base, compelling leverage

Shares on Issue	434,246,740
Milestone Performance Shares ¹	96,666,667
Performance Rights	12,000,000
Options on Issue, including	162,930,486
Unlisted \$0.015 exercise, 3 April 2028 expiry	48,215,054
Unlisted \$0.027 exercise, 29 September 2028 expiry	6,000,000
Unlisted \$0.03 exercise, 27 March 2028 expiry	56,397,230
Listed \$0.06 exercise, 31 March 2027 expiry	39,131,535
Cash as at 30 September 2025	\$1.8 M
Market Cap ² (as at 11 November 2025 - \$0.023 share price)	\$9.99 M

1. Milestone Performance Shares linked to acquisition of NSW Projects have been triggered
2. On conversion of Milestone Performance Shares Market Cap increases to \$12.2 M
3. Man Z is vendor of NSW Projects – holding will increase on conversion of Milestone Performance Shares



IAN PRENTICE

Managing Director
Geologist / Project Development



PETER BIRD

Non-Executive Chairman Geologist /
Capital Markets



ANDREW PATERSON

Non-Executive Director
Geologist



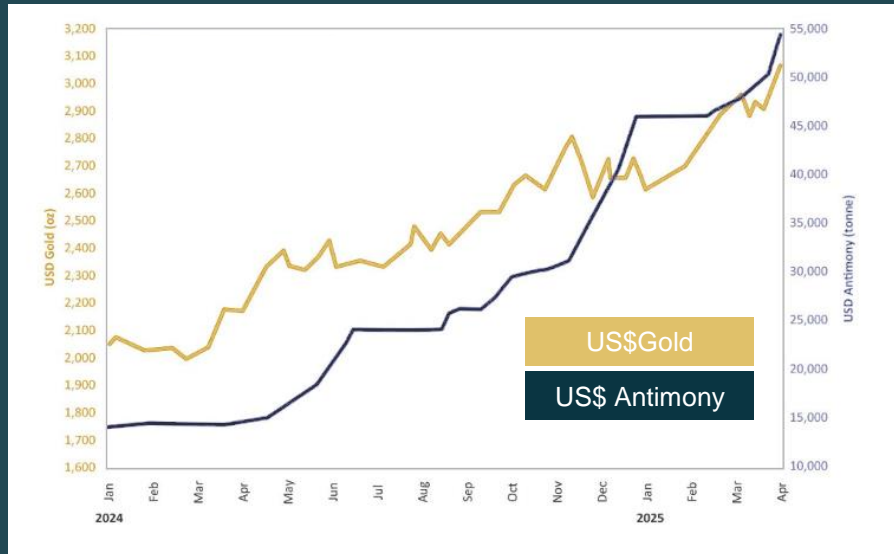
RANKO MATIĆ

Non-Executive Director
Corporate/ Accountant

Antimony (Sb)

A High-Value Critical Mineral Beset by Supply Challenges

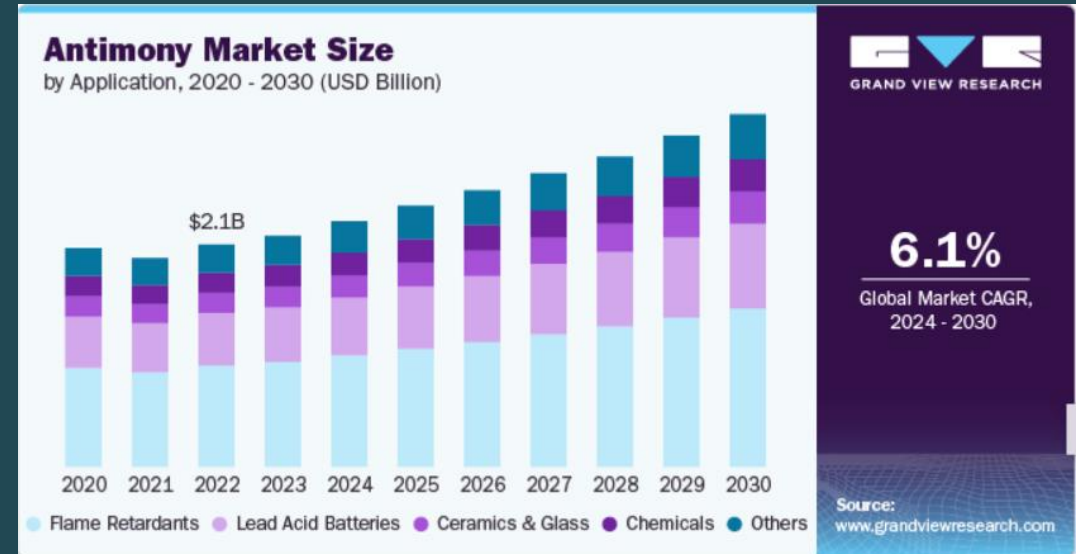
ANTIMONY/GOLD PRICE – 15 MONTHS



Supply Constrained by Trade Tensions

- China is the largest producer of antimony globally but is also the largest consumer
- China is a net importer of Sb ore and has restricted exports
- The USA produces ZERO antimony

ANTIMONY MARKET SIZE



Antimony is highly sought after for industrial uses in:

- Defence technologies
- High-tech semi-conductor
- Fire retardant products
- Batteries (both lead acid & lithium-ion)

LEVERARGE TO LARGE SCALE DISCOVERIES

Belt-Scale Multi-Commodity Exploration Tenure



MULTIPLE LARGE SCALE MULTI-COMMODITY TARGETS IDENTIFIED

Across large land holdings, Cosmo is exploring for Tier 1 gold, antimony and copper deposits.



HIGH GRADE HISTORICAL MINING IN BELT-SCALE PROJECTS

Substantial workings and historic exploration confirm high grade gold, antimony & copper potential across ~743km² NSW package.



HIGHEST ANTIMONY PROSPECTIVITY IN NSW AFTER HILLGROVE

Comparable geological setting in New England Orogen to that of ASX success story Larvotto Resources (ASX: LVR) Hillgrove Deposit.



NEGLIGIBLE MODERN EXPLORATION

The New England Orogen in NSW is Australia's "forgotten" mining district despite extensive mining history. Bingara and Nundle are very underexplored.



WALK UP TARGETS AND PROSPECTS

Several compelling prospects based on historical data, LiDAR survey & mapping. First drilling in >30 years.



ATTRACTIVE RERATE POTENTIAL & LEVERAGE TO EXPLORATION SUCCESS

Supportive shareholder base.
Top 20 own ~61%.
Active exploration strategy = News flow.



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