



HIGH-GRADE GOLD, ANTIMONY & COPPER EXPLORATION PORTFOLIO

A MULTI-COMMODITY NSW EXPLORATION PACKAGE
LARGELY UNTOUCHED BY MODERN EXPLORATION

INVESTOR PRESENTATION FEBRUARY 2025

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



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Competent Persons Statement: The information in this report that relates to Exploration Results is based upon and fairly represents information compiled by Mr Ian Prentice, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Prentice is a director of the Company. Mr Prentice has 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 a Competent Person as defined in the 2012 Edition of the ‘Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Prentice consents to the inclusion in the report of the matter based on his information in the form and context in which it appears. The information in the Report to which this statement is attached that relates to the Mt Venn Cu-Ni-Co Exploration Target is based on information compiled by Ms Jill Irvin, BSc, a Competent Person who is a current Member of the Australian Institute of Geoscientists (MAIG 3035). Ms Irvin, Principal Geologist at Entech Pty Ltd, is an independent consultant to Cosmo Metals Ltd (CMO) with sufficient experience relevant to the style of mineralisation and deposit type under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ms Irvin consents to the inclusion in the report of matters based on her information in the form and context in which it appears.

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).

The information that relates to Mt Venn Exploration Target was first reported by the Company in its announcement to the ASX on 16 February 2023. The Company is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.

Exploration Results: The information in this presentation concerning exploration results on Great Boulder Resources (ASX:GBR) projects is contained in ASX announcements available on GBR’s website, www.greatboulder.com.au. GBR confirms that it is not aware of any new information concerning exploration results that materially affects the information included in its ASX announcements

Authorised for release by the Managing Director James Merrillees.

High Grade NSW Gold, Antimony & Copper Projects

Belt Scale Landholding: 743km² tenure covering over 40km cumulative strike of the historic Bingara and Nundle goldfields

Multi-Commodity Focus: Established mineral province hosting high-grade gold, copper, antimony, tin and silver discoveries

Proven Mineralisation: Historic mining and shallow drilling have identified strong evidence of widespread mineralisation to follow up:

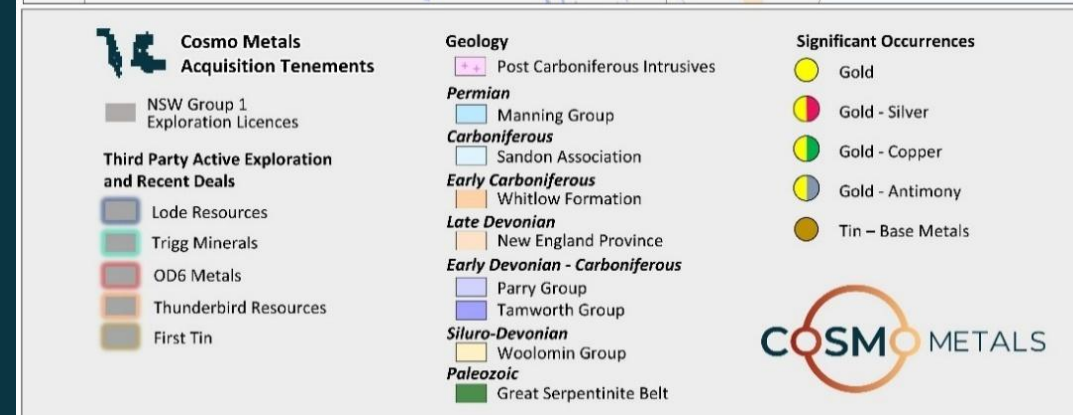
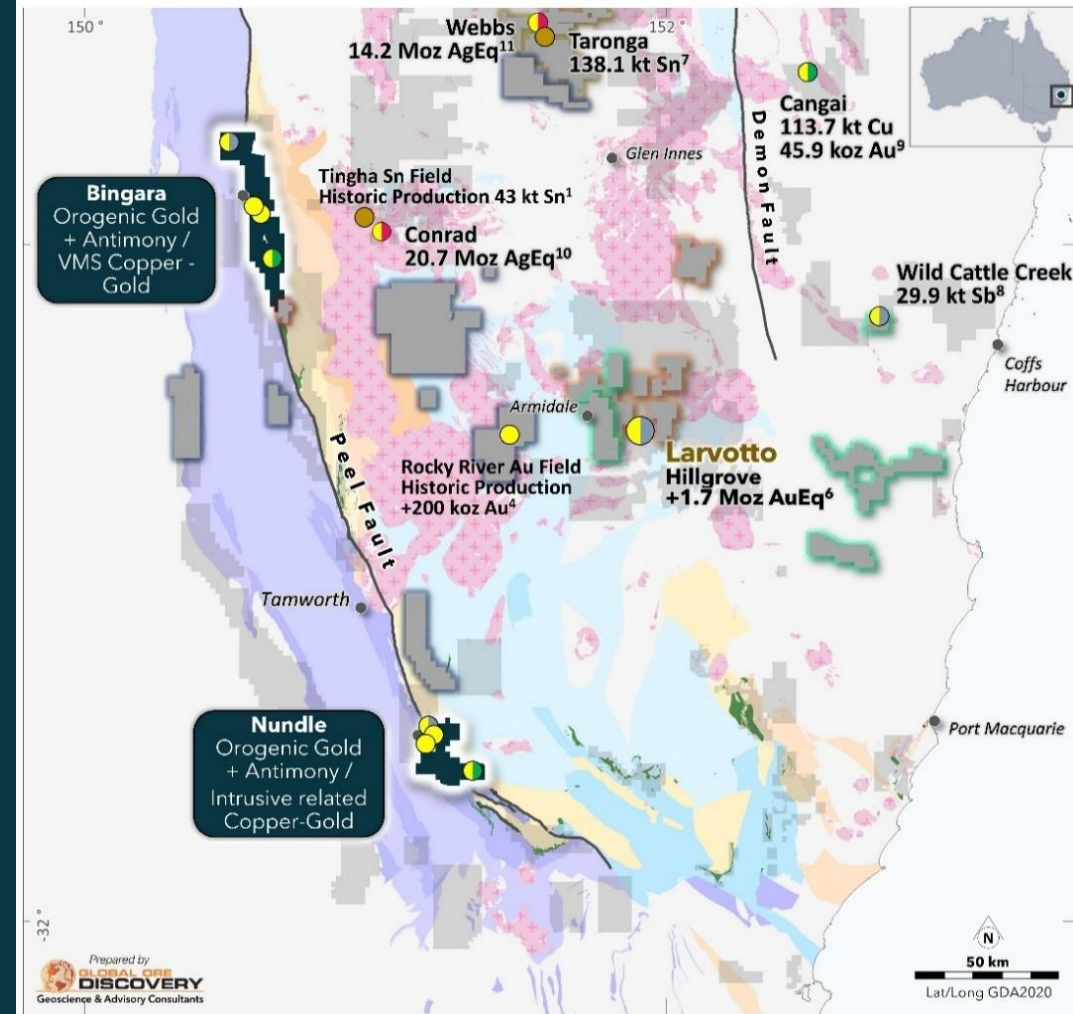
- 6.0m at 6.43 g/t Au from 8.0m incl 2.0 m at 17.59 g/t Au from 12.0m
- 8.0m at 2.83 g/t Au from 1.0m

Antimony: Projects cover areas of the highest antimony-gold prospectivity in NSW¹

Limited Exploration: Sporadic exploration since 1970's with no drilling in ~30 years and minimal modern exploration

Team: Refreshed Board with funding secured to implement exploration approach providing platform for success

1. As mapped by the NSW Mines Department



BINGARA

High-grade historical gold mining and drilling provide walk-up targets

~484km² of tenure covering two large scale sub parallel mineralised trends with historical mining indicators of high-grade gold and copper mineralisation from surface

- **Gold-antimony-tungsten:** 30km long orogenic gold trend hosts the Bingara goldfield – mined for Au & Sb during 1850's & 1860's
- **VMS copper-gold-zinc:** 20km-long VMS trend contains 6 historical Cu-Au mines

Sporadic exploration since 1970's with no drilling in ~30 years and minimal modern exploration

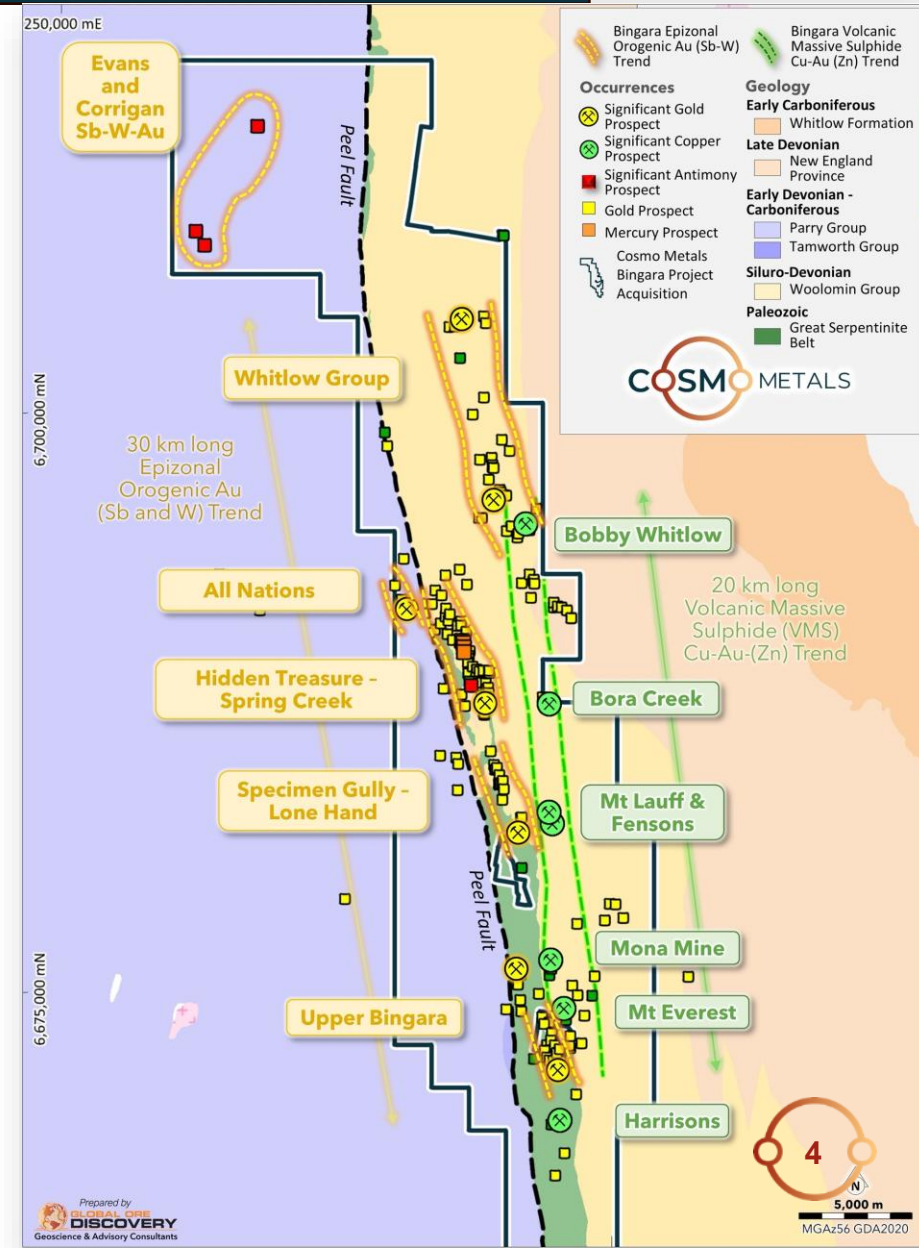
Five significant principal gold trends identified along the Bingara epizonal goldfields

- +30km of gold trends and lodes identified and include historic gold and antimony mines

20km long VMS trend includes Mt Everest area, with 2.5km long belt of copper occurrences, pits & mines

- Samples from old workings at Mt Everest have returned:
 - **18.6% Cu** from the supergene zone with malachite and copper oxides &
 - **9.8% Cu** from magnetite-pyrite-chalcopyrite layered rock

Initial SAM survey completed over the Mt Everest VMS area – data being processed



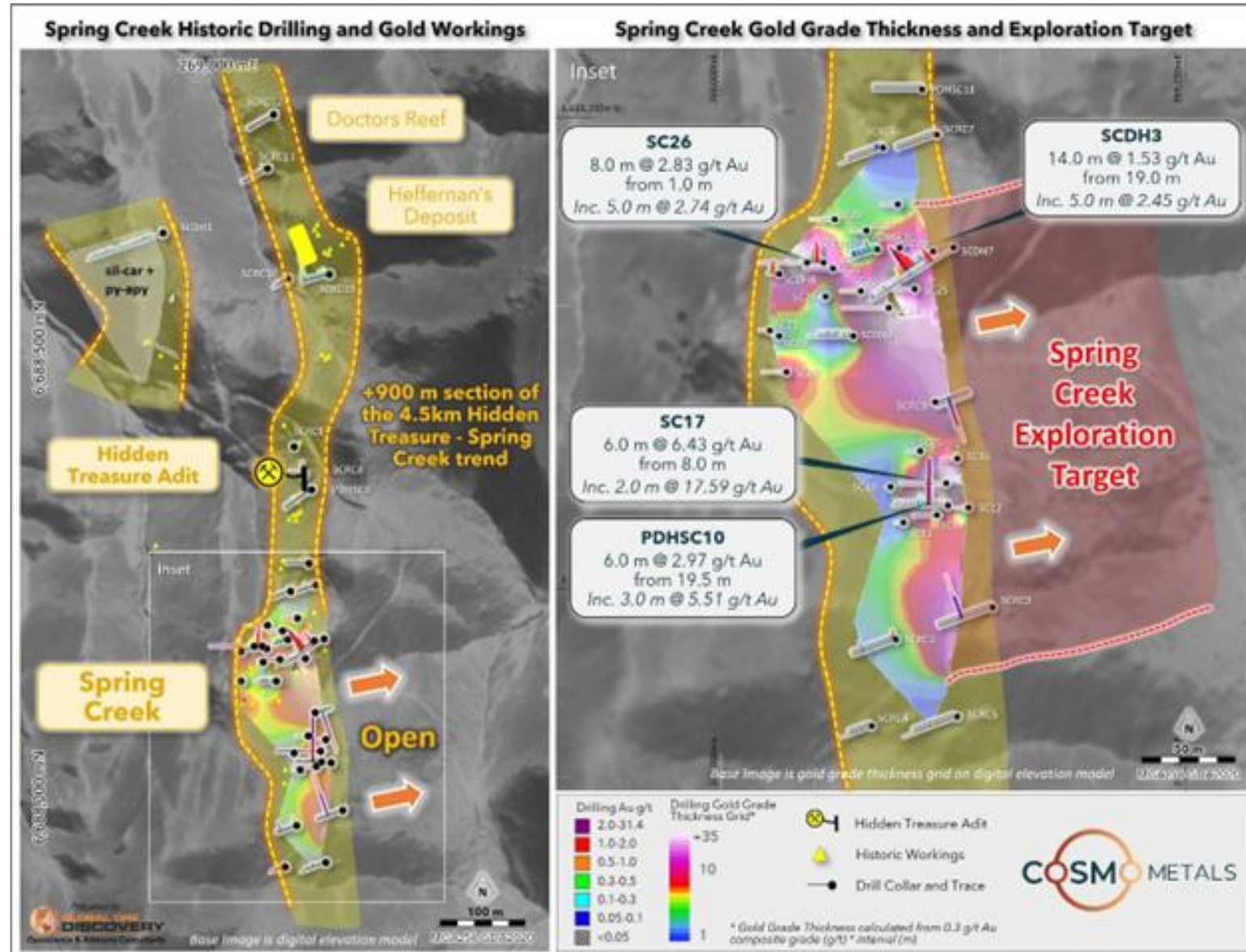
BINGARA

Walk-up confirmation and extensional drill targets at Spring Creek & Hidden Treasure

Shallow drilling at Spring Creek has produced, high-grade gold intercepts that remain open:

- 6.0m at 6.43 g/t Au from 8.0m
incl. 2.0m at 17.59 g/t Au from 12.0m (SC17)
- 8.0m at 2.83 g/t Au from 1.0m (SC26)
- 6.0m at 2.97 g/t Au from 19.5m
incl 3.0m at 5.51 g/t Au from 19.5m (PDHSC10)
- 9.0m at 1.64 g/t Au from 14.0m
incl 1.0m at 5.96 g/t Au from 22m (SC24)
- 14.0m at 1.53 g/t Au from 19.0m
incl 5.0m at 2.45 g/t Au from 23m (SCDH3)

Cosmo to prioritise drill hole planning and permitting at Spring Creek / Hidden Treasure



NUNDLE

Significantly underexplored with negligible use of modern exploration methods

Single exploration licence straddling the regional scale Peel Fault, with two key prospective target areas:

- **Gold–antimony trend:** 7.5km-long section of the Nundle epizonal orogenic gold trend
- **Copper–Gold:** The Barnard Hut – Back Barb Cu-Au cluster prospective to host an intrusion related copper target with evidence of copper mineralisation +3km area

A producing goldfield between 1849-1940's with historic mining believed to have generated at least 150,000oz Au¹

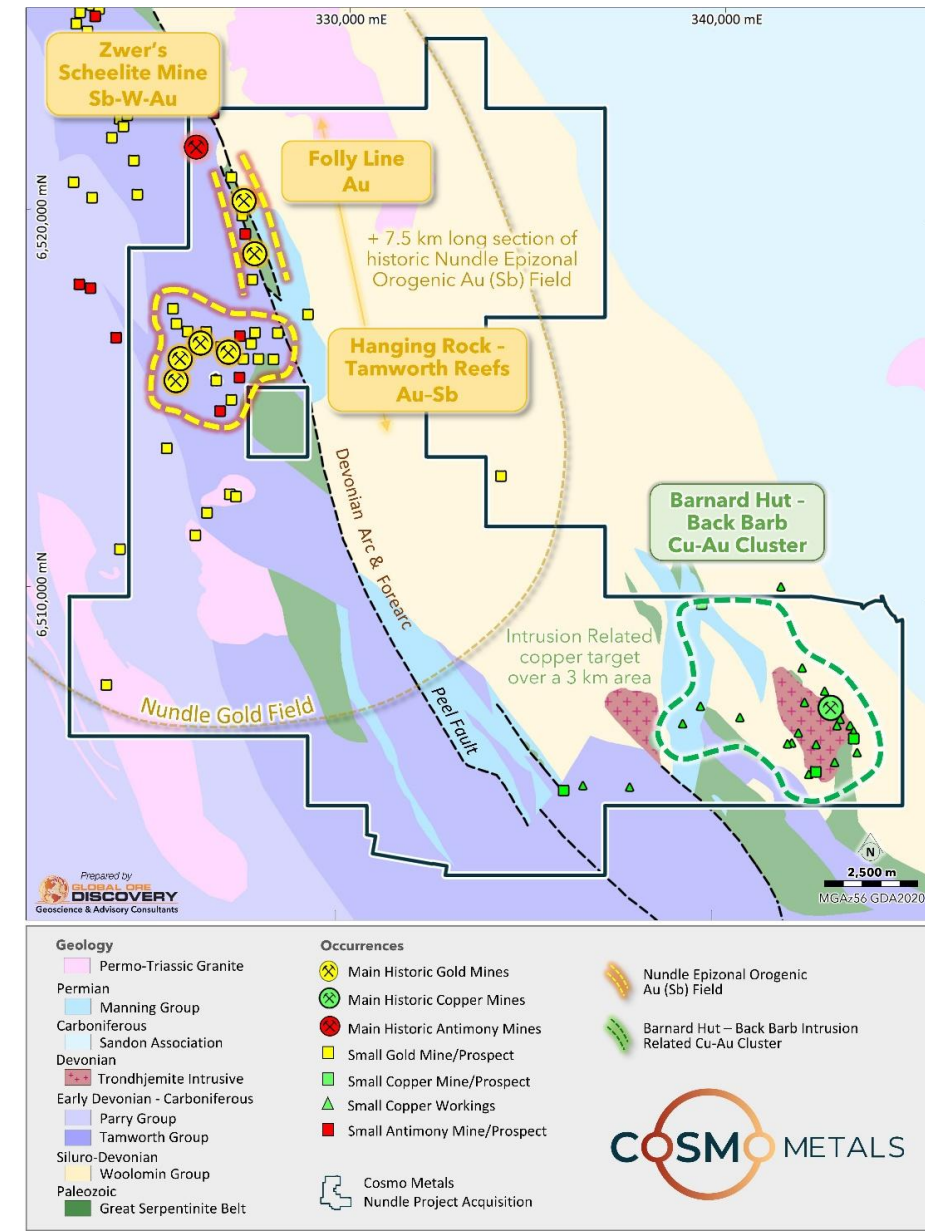
Gold prospectivity largely unexplored with last drilling occurring ~30 years ago

Significant antimony prospectivity including the Zwerts Scheelite Mine, 1.7km north of Folly Line, which has produced +4.3t of stibnite (~3.0t antimony)

Barnard Hut and Back Barb Intrusive Related "Mt Morgan Style" Copper Prospects

- Trenching at Barnard Hut from 1971 confirmed widespread copper mineralisation over ~3.2km of strike
- Initial recon work from Cosmo has confirmed copper in outcropping rocks at Barnard Hut

1. Historical records are not well documented



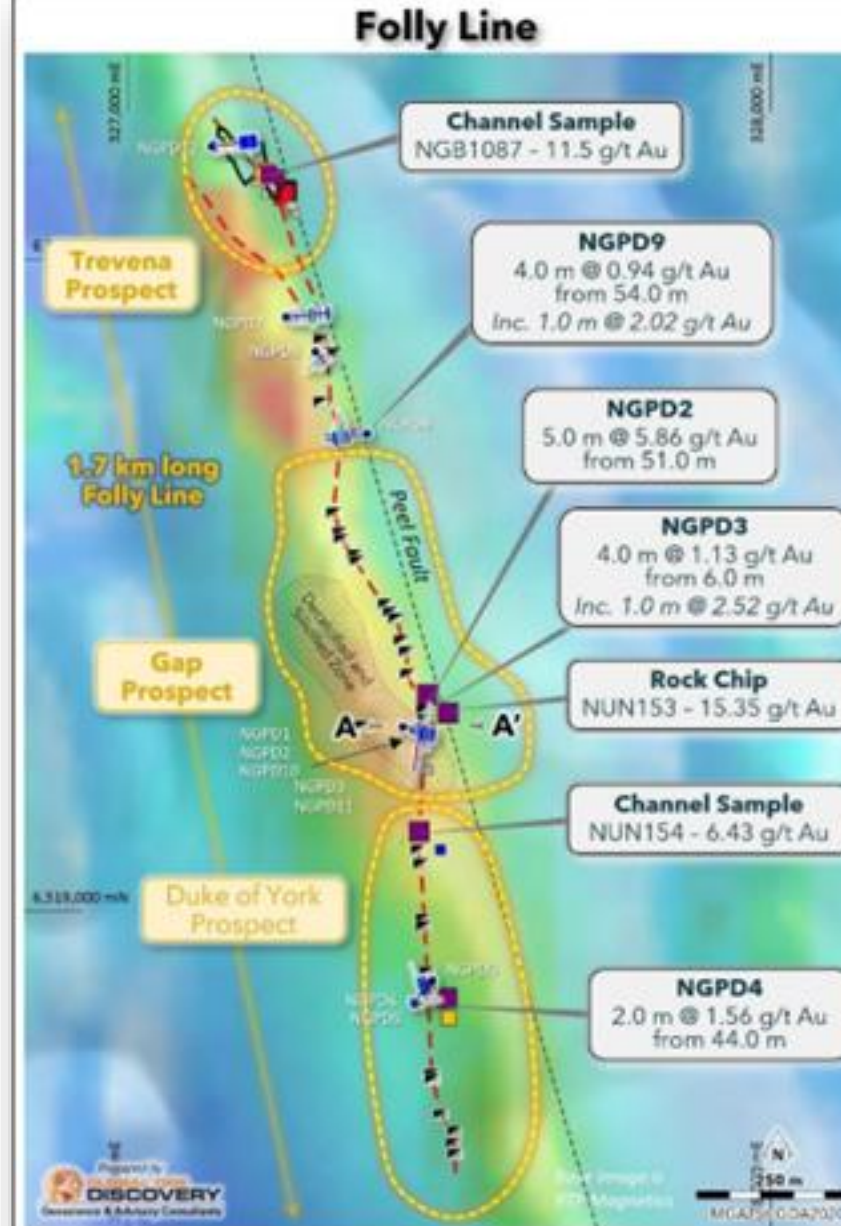
NUNDE

Folly Line and The Gap represent shallow high-grade gold targets

1.7km-long and underexplored Folly Line represents near term focus

- Limited shallow drilling in 1996-97 with best results ending within high-grade mineralisation such as:
 - **5.0m at 5.86 g/t Au** from 51m including **1.0m at 17.30 g/t Au** at The Gap Prospect
 - No follow up drilling with mineralisation open down dip and along strike
- Channel samples from Trevena mine area returned samples **up to 11.5g/t Au** within a +350m long mineralised section
- Recent logging of a pine plantation along the Folly Line has exposed ground unseen by explorers in over 50 years

Field investigations, including mapping and sampling, proposed along the Folly Line to refine targets for drill testing



ACQUISITION METRICS

Low up-front costs with future vendor milestones linked with significant de-risking events



	Description	Payments	
		Cash	Equity
Exclusivity	Non-Refundable 60-Day Exclusivity	\$50,000	
Completion	Cash	\$250,000	
	Equity (Shares) – at a deemed issue price equivalent to the concurrent capital raising (Completion Consideration Shares)		30,000,000 Shares
Deferred Consideration	Performance Milestone 1 - written confirmation from the Department of Regional NSW (or equivalent) of the renewal of the Nundle tenement and Newco becoming the 100% legal and beneficial owner of all of the Tenements (Deferred Consideration Shares)		30,000,000 Shares
	Performance Milestone 2 - earlier of the commencement of a maiden drilling program over any of the Tenements or 31 December 2025 (Deferred Consideration Shares)		66,666,667 Shares
Contingent Payments	Delivery of a 250,000 oz Au JORC resource at a minimum of 1.5g/t Aueq ¹	\$200,000	
	Delivery of a scoping study	\$250,000	
	Delivery of a definitive feasibility study	\$500,000	
Royalty	Vendors retain a 1.5% net smelter royalty – CMO has the right to reduce to 1% by payment of \$500,000		
Other	Completion Consideration Shares subject to 6 month escrow Deferred Consideration Shares subject to 12 month escrow from Completion		
	Pre-Completion expenditure of \$150,000 on Bingara and \$75,000 on Nundle Post-Completion expenditure of at least \$1,000,000 in the 12 months post-completion		

1. Historical records are not well documented

PRO-FORMA CAPITAL STRUCTURE

Tight capital structure & supportive shareholder base, compelling leverage

309.3M

Shares on Issue¹

Post-Raise and Completion
Consideration Shares

\$4.6M

Market Cap

Assuming 1.5cps Capital Raising Price

\$2.5M

Enterprise Value

~\$2.4M

Cash

Post-completion of the Capital Raising

~66.4%

Top 20 Ownership

Pre-Raise, as at 7 Feb 2025

156.4M

Options

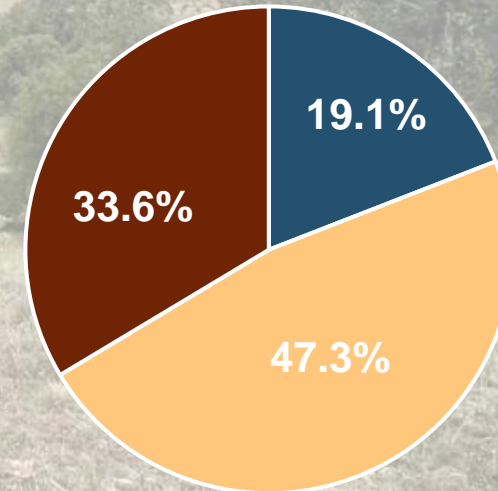
Avg. Exercise Price 3.9cps

Expiring from 21 Jun 26 to late March 28

CMO

ASX Code

Current Major Shareholders



Great Boulder
RESOURCES LIMITED

Top 20 Shareholders

Other Shareholders

1. Does not include Deferred Consideration Shares

BOARD & MANAGEMENT

Experienced team with track record of discovery



Peter Bird
Non-Executive Chairman
Geologist/ Capital Markets

Well known and highly respected mining industry executive with extensive experience covering senior technical, management, investor relations and human resources positions with major mining companies such as WMC, Newmont and Normandy Mining.

Mr Bird has extensive expertise in equity markets, investor relations and has served at Board and executive level with ASX and UK listed resource companies.



Andrew Paterson
Non-Executive Director
Geologist

Geologist with more than 25 years' experience in mining and exploration in Australia and PNG starting with gold and nickel mining operations around the WA Goldfields before moving into a management role with Harmony Gold. Since then, Mr Paterson has managed diverse programs exploring for gold, nickel, iron ore and lithium for companies including Atlas Iron and Focus Minerals.

Mr Paterson is currently the Managing Director of advanced WA gold explorer Great Boulder Resources (ASX:GBR).



Ian Prentice
Non-Executive Director
Exploration/ Corporate

Geologist with extensive operating experience in Australia and overseas across gold, base metals, vanadium.

Mr Prentice has served as a director of several ASX-listed mining companies and most recently was Managing Director of Technology Metals Australia.



Ranko Matic
Non-Executive Director
Corporate/ Accountant

A chartered accountant, Mr Matic has over 30 years professional experience in financial and executive management, accounting, audit, business and corporate advisory.

Mr Matic is currently a director of several ASX-listed mining and exploration companies.

HIGH-GRADE NSW GOLD PORTFOLIO

Belt-Scale Multi-Commodity Exploration Tenure



HIGH GRADE HISTORICAL MINING & EXPLORATION

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



ANTIMONY PROSPECTIVITY HIGHEST IN NSW AFTER HILLGROVE

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



WALK UP TARGETS AND PROSPECTS

Cosmo has already identified several compelling prospects based on historical data & initial reconnaissance. Drilling targeted to commence mid CY25



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



MULTI-COMMODITY POTENTIAL IN BELT-SCALE PROJECTS

Across a large land holding, Cosmo will explore for gold, antimony and copper deposits



ATTRACTIVE RERATE POTENTIAL & LEVERAGE TO EXPLORATION SUCCESS

Low EV (~\$2.5M), Supportive shareholder base - Top 20 own ~66%, Low up front acquisition cost



CONTACT

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