



NEXUSMINERALS

CORPORATE PRESENTATION

IMARC & MINES AND MONEY

31 OCTOBER – 2 NOVEMBER 2023

nexus-minerals.com



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- The information in the report to which this statement is attached that relates to the Pinnacles Mineral Resources based upon information compiled by Mr Mark Drabble, a Competent Person who is a member of The Australian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Drabble is a full-time employee of Snowden Optiro Pty Ltd, consultants to Nexus Minerals Limited. Mr Drabble 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Drabble consents to the inclusion in the report of matters 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 Crusader-Templar Mineral Resources based upon information compiled by Mr Andrew Bewsher, a Competent Person who is a member of the Australian Institute of Geoscientists. Mr Bewsher is a full-time employee of BM Geological Services Pty Ltd, consultants to Nexus Minerals Limited. Mr Bewsher 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bewsher consents to the inclusion in the report of matters based on his information in the form and context in which it appears.
- The Exploration Target estimate has been prepared by Mr Andy Tudor, who is a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Tudor is the Managing Director and full-time employee of Nexus Minerals Limited. Mr Tudor has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking 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 Tudor consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.
- The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on, and fairly represents, information and supporting documentation, prepared, compiled or reviewed by Mr Adam James, who is a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr James is the Exploration Manager and full-time employee of Nexus Minerals Limited. Mr James has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking 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 James consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.
- The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on, and fairly represents, information and supporting documentation, prepared, compiled or reviewed by Mr Andy Tudor, who is a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Tudor is the Managing Director and full-time employee of Nexus Minerals Limited. Mr Tudor has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking 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 Tudor consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.
- The results are available to be viewed on the Company website www.nexus-minerals.com. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original announcements.
- The exploration results are available to be viewed on the Company website www.nexus-minerals.com. The Company confirms it is not aware of any new information that materially affects the information included in the original announcement. The Company confirms that the form and context in which the Competent Person's findings are present have not been materially modified from the original announcements of 13/10/2016, 7/2/2017, 6/9/2018, 20/9/2018, 16/10/18, 29/11/2018, 24/1/2019, 4/2/2019, 27/2/19, 15/3/2019, 2/4/2019, 9/4/2019, 16/4/2019, 18/4/2019, 29/5/2019, 8/7/2019, 28/8/2019, 8/10/2019, 21/10/2019, 27/2/2020, 13/3/2020, 21/4/2020, 29/6/2020, 15/7/2020, 16/7/2020, 24/7/2020, 13/8/2020, 28/8/2020, 1/8/2020, 5/10/2020, 19/10/2020, 2/11/2020, 17/11/2020 and 23/11/2020, 2/12/2020, 7/12/2020, 15/12/2020, 29/1/2021, 16/2/2021, 21/4/2021, 23/4/2021, 28/4/2021, 27/5/2021, 13/7/2021, 28/7/2021, 16/8/2021, 23/8/2021, 8/9/2021, 11/10/2021, 25/10/2021, 8/11/2021, 9/11/2021, 15/11/2021, 21/12/2021, 24/12/2021, 18/1/2022, 25/1/2022, 3/03/2022, 14/3/2022, 31/3/2022, 11/04/2022, 19/4/2022, 21/04/2022, 3/5/2022, 9/5/2022, 16/5/2022, 24/05/2022, 25/5/2022, 28/6/2022, 7/7/2022, 26/7/2022, 8/8/2022, 16/8/2022, 24/8/2022, 9/9/2022, 20/9/2022, 24/10/2022, 17/11/2022, 23/11/2022, 24/01/2023, 08/02/2023, 09/03/2023, 29/03/2023, 20/04/2023, 26/04/2023, 02/05/2023, 08/05/2023, 02/06/2023, 22/06/2023, 05/07/2023, 19/07/2023, 25/07/2023, 28/07/2023, 07/08/2023, 28/08/2023, 04/09/2023, 12/09/2023, 14/09/2023, 21/09/2023, 29/09/2023, 3/10/2023, 5/10/2023 and 17/10/2023.
- No Ore Reserves have currently been defined on the Pinnacles JV Gold Project, nor the Wallbrook Gold Project. There has been insufficient exploration and technical studies to estimate an Ore Reserve and it is uncertain if further exploration and/or technical studies will result in the estimation of an Ore Reserve. The potential for the development of a mining operation and sale of ore from the Pinnacles JV Gold Project or the Wallbrook Gold Project has yet to be established.



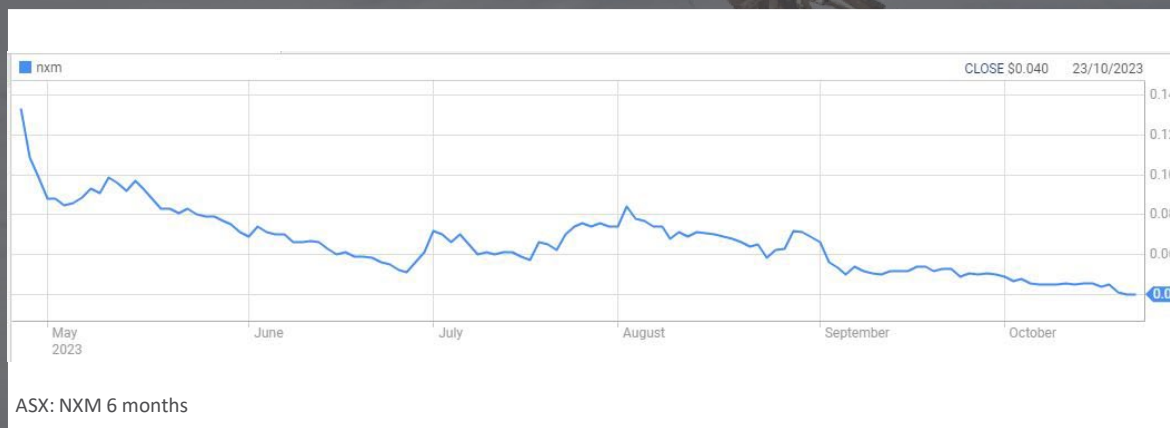
ABOUT NEXUS MINERALS



CORPORATE OVERVIEW

NEXUS MINERALS LIMITED	ASX: NXM
SHARES	389M
SHARE PRICE	A\$0.04
MARKET CAP	A\$15.56M
CASH (16/10/2023)	A\$6.32M
ENTERPRISE VALUE	A\$9.24M
TOP 20	25%

NXM OVERVIEW



BOARD & MANAGEMENT

CHAIRMAN	MR PAUL BOYATZIS	35 years equity markets and corporate governance
MANAGING DIRECTOR	MR ANDY TUDOR	37 years exploration geologist and management
NON-EXECUTIVE DIRECTOR	MR BRUCE MALUISH	33 years experience as a mining professional
COMPANY SECRETARY	MR PHIL MACLEOD	30 years commercial experience

COMPANY PROJECTS

TARGETING:

WESTERN AUSTRALIA

Large scale gold deposits in
WA's Eastern Goldfields

VICTORIA & NEW SOUTH WALES

Large Porphyry Copper-Gold and
Critical Minerals - Lithium, Caesium,
Tantalum & Tin



COMPANY PROJECT

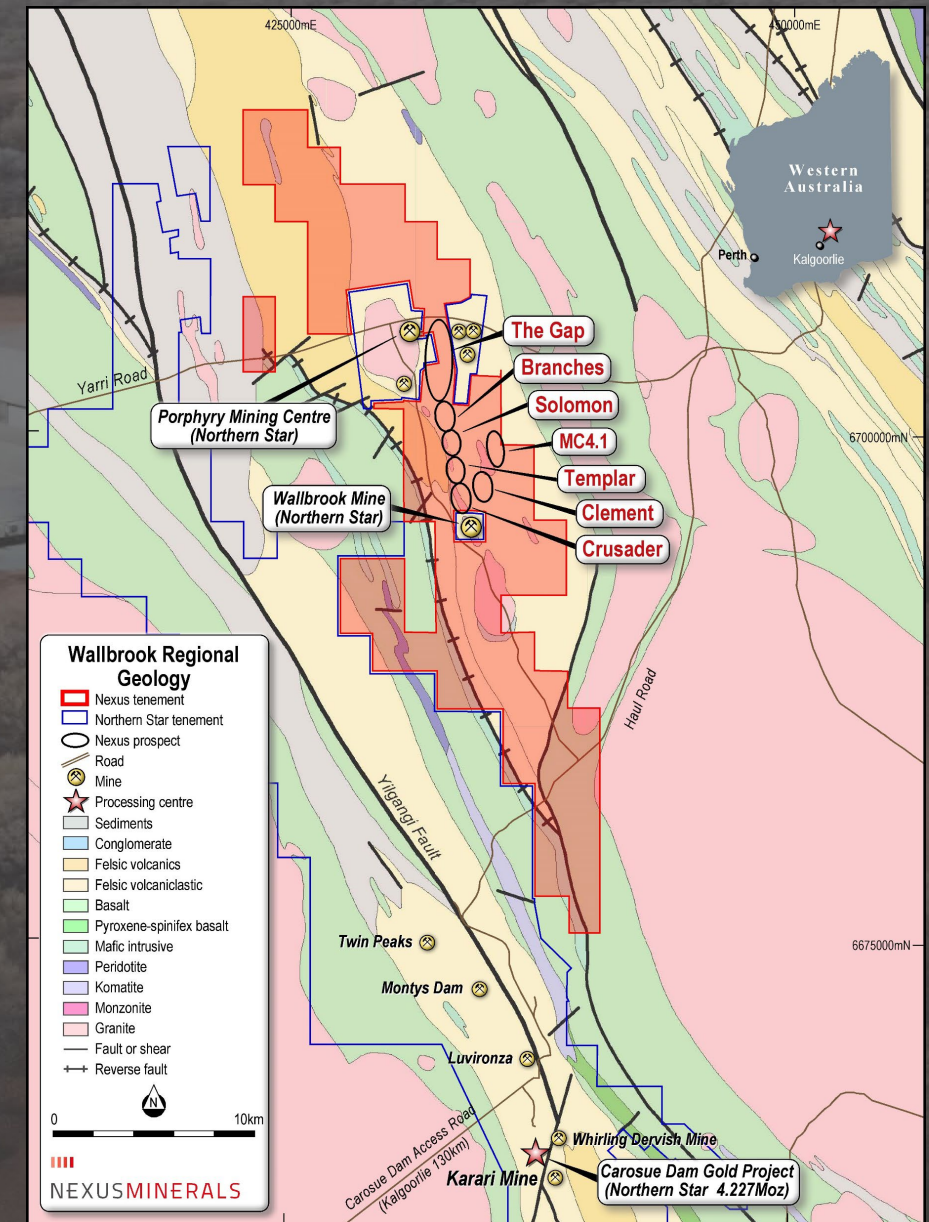
WALLBROOK GOLD PROJECT

WESTERN AUSTRALIA/EASTERN GOLDFIELDS

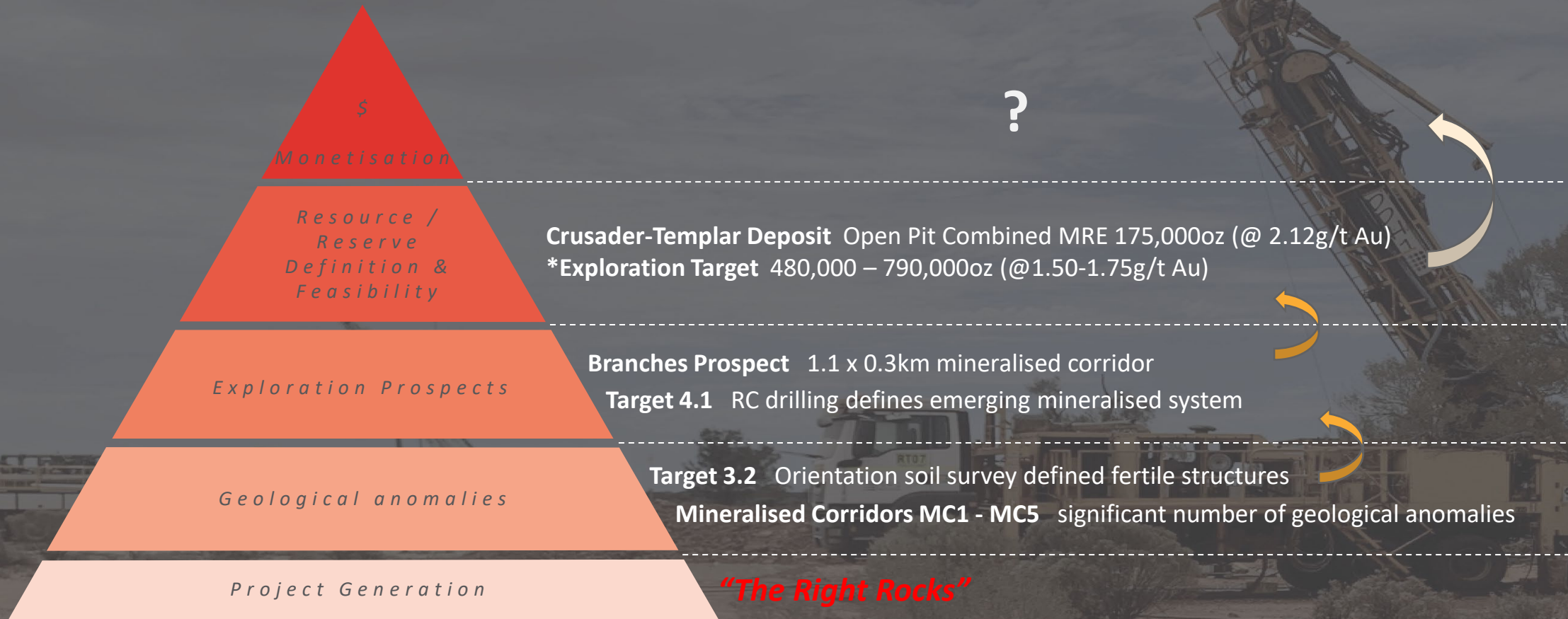
- 140km northeast of Kalgoorlie in-between Northern Star's Carosue Dam Operations and Porphyry Mining Centre Operations
- Northern Star mining Porphyry Mining Centre sending ore to their Carosue Dam Operations 3.2Mtpa Mill – 35km to the south
- 204km² contiguous tenement package – Some 50km strike of prospective geology
- Main prospective corridors on granted ML's – including Crusader-Templar Deposit and Branches Prospect
- Geology and structural setting highly prospective for hosting gold mineralisation
- Largely unexplored landholding

Multi Million Ounce Gold District – “The Right Rocks”

- Regional gold deposits are located
 - Proximal & Internal porphyry intrusions
 - Within altered intruded host rocks



SYSTEMATIC AND PROVEN EXPLORATION APPROACH IN AN EMERGING GOLD CAMP



EMERGING GOLD CAMP

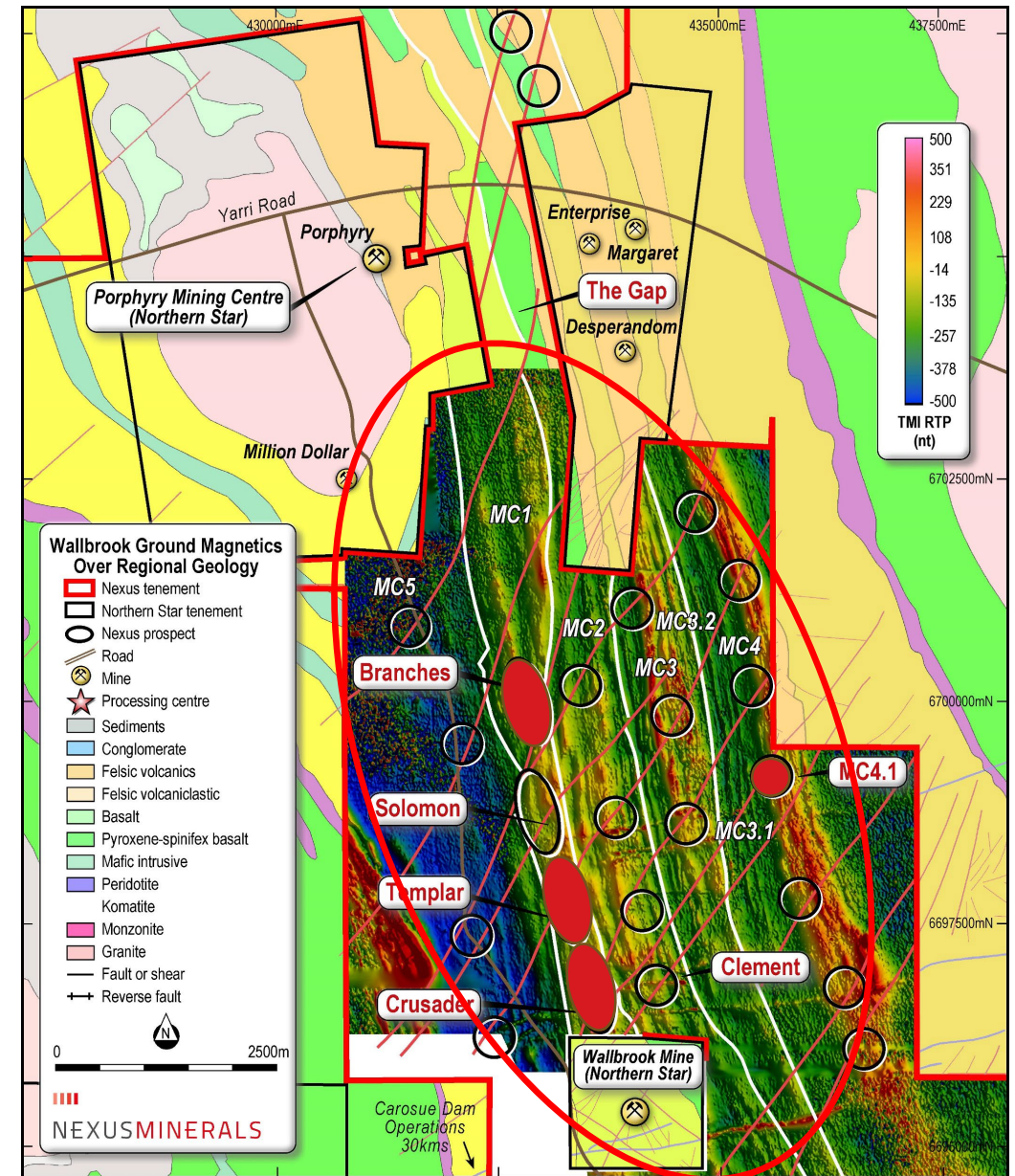
- Regional “Gold Camp” prospectivity confirmed with Branches discovery in 2022, and MC4.1 in 2023
- 5 Mineralised Corridors identified to date – MC1 to MC5
- ~90% of 204km² tenement package yet to be explored

Mineralisation is associated with

- Gravity low corridor + Mag low + NE structures

Regional Exploration Completed

- Ground magnetic survey
- Gravity survey
- Aircore and RC drill programs completed at Branches & MC4.1
- Multiple prospects identified for Aircore reconnaissance drilling

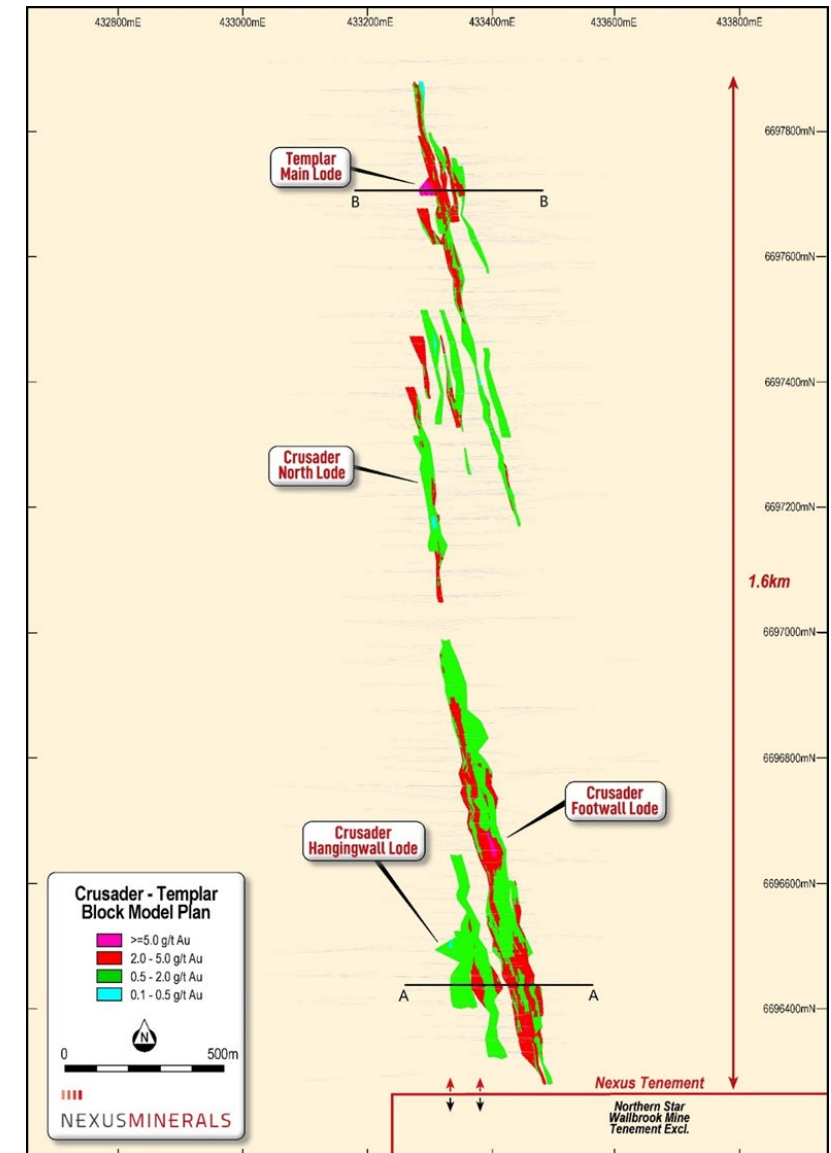


CRUSADER-TEMPLAR PROSPECT

- 1.6km strike mineralised corridor / 100% Nexus' owned / Granted ML tenements
- Positive metallurgical testwork – high gold recoveries Oxide material 98% / Fresh material 97.6% / Flora and Fauna survey completed – no issues raised
- Combined Mineral Resource Estimate Completed
 - 2.57 Mt @ 2.12g/t Au for 175,000 ounces (1g/t Au cut-off) including:
 - Indicated: 1.02 Mt @ 2.5g/t Au for 81,000 ounces (25m x 25m drill density)
 - Inferred: 1.55 Mt @ 1.9g/t Au for 94,000 ounces (40m x 40m drill density)
 - MRE focussed on mine constrained open pit potential only
 - Preliminary mine studies show potential for a low risk, high margin open pit mining operation
 - MRE is within the larger Exploration Target mineralised envelope

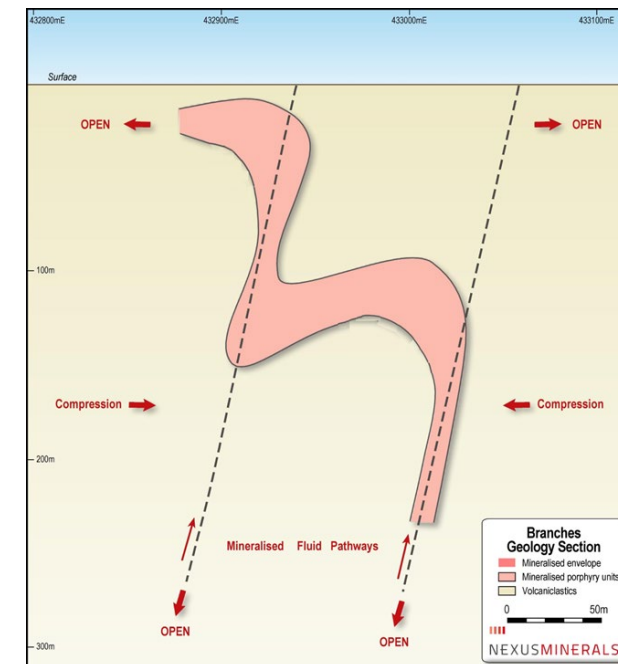
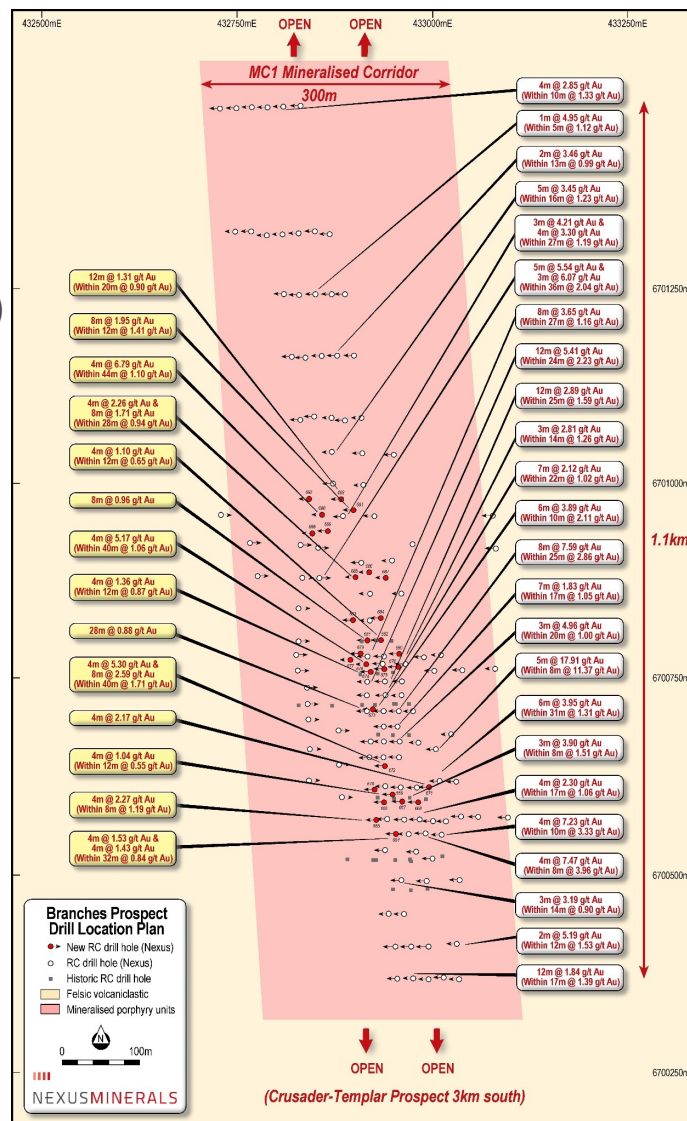
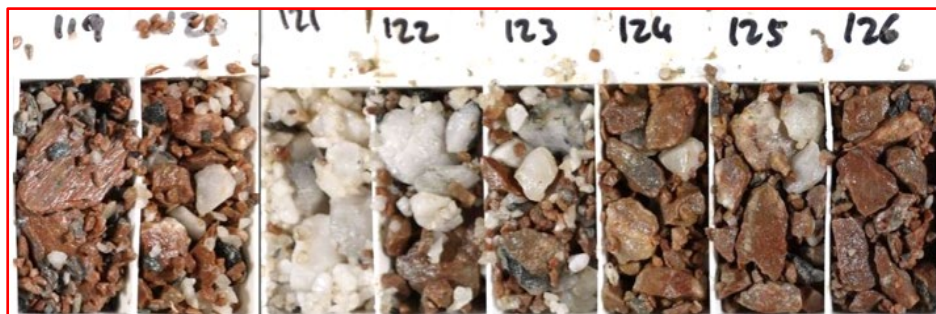
Tonnes Low	Tonnes High	Grade (g/t Au) Low	Grade (g/t Au) High	Contained Gold Ounces Low	Contained Gold Ounces High
10,000,000	14,000,000	1.50	1.75	480,000	790,000

*Note: The potential quantity and grade of the Exploration Target is conceptual in nature and as such there has been insufficient exploration drilling conducted to estimate a mineral resource. At this stage it is uncertain if further exploration drilling will result in the estimation of a mineral resource. The Exploration Target has been prepared in accordance with the JORC Code (2012).



BRANCHES PROSPECT

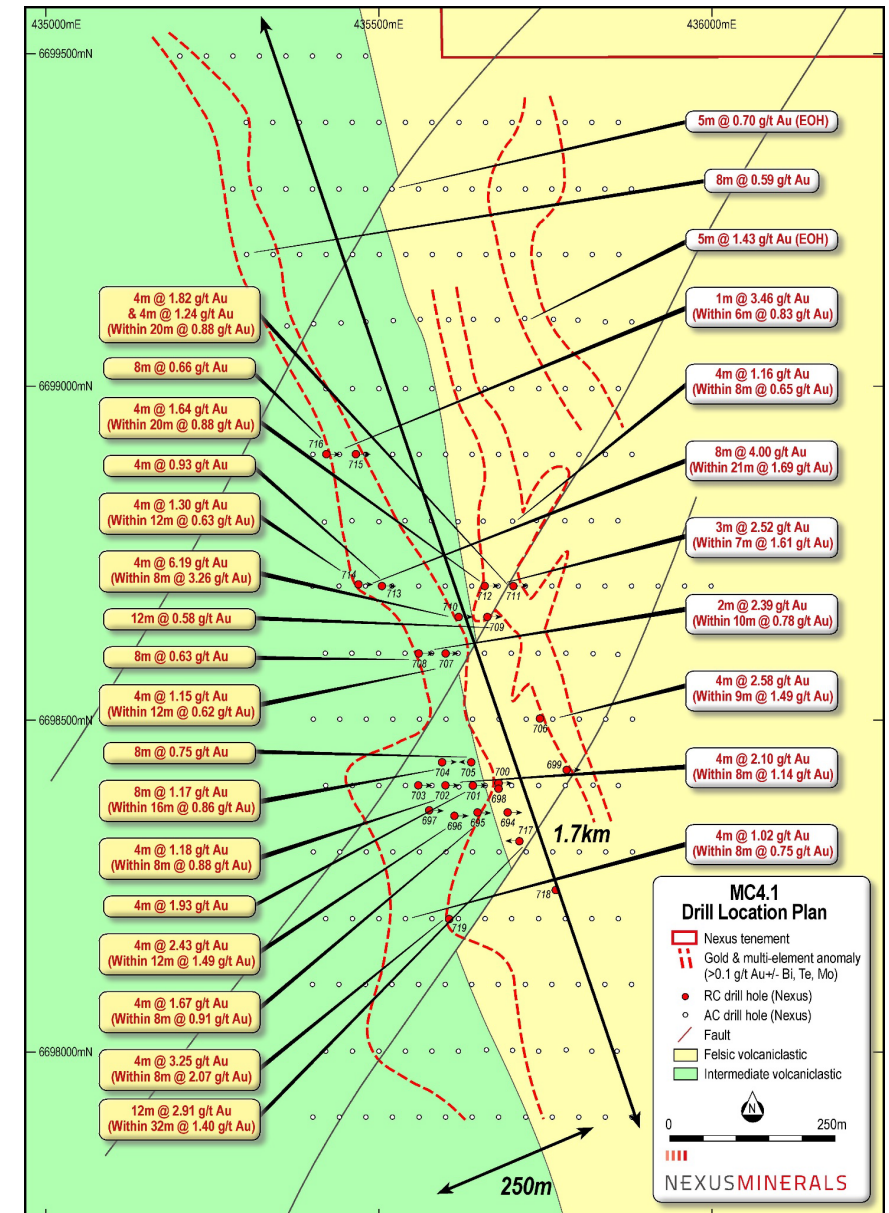
- Mineralised corridor now 1.1km x 300m (remains open)
- RC drill results have included:
 - 5m @ 17.91g/t Au (within 8m @ 11.37g/t Au from 118m)
 - 5m @ 5.45g/t Au (within 36m @ 2.04g/t Au from 43m)
 - 12m @ 5.21g/t Au (within 24m @ 2.23g/t Au from 25m)
 - 8m @ 7.59g/t Au (within 25m @ 2.86g/t Au from 43m)
 - 4m @ 7.23g/t Au (within 10m @ 3.33g/t Au from 115m)
 - 4m @ 7.47g/t Au (within 8m @ 3.96g/t Au from 73m)
 - 4m @ 6.79g/t Au (within 12m @ 3.21g/t Au from 24m)
 - 4m @ 5.30g/t Au (within 40m @ 1.71g/t Au from 16m)



REGIONAL EXPLORATION

MC4.1 PROSPECT

- Initial RC drilling at MC4.1 has returned outstanding results, including:
 - 12m @ 2.91 g/t Au (within 32m @ 1.40 g/t Au from 8m)
 - 4m @ 6.19 g/t Au (within 8m @ 3.26 g/t Au from 96m)
 - 4m @ 3.25 g/t Au (within 8m @ 2.07 g/t Au from 60m)
 - 4m @ 2.43 g/t Au (within 12m @ 1.49 g/t Au from 76m)
 - 4m @ 1.82 g/t Au & 4m @ 1.24 g/t Au (within 28m @ 0.66 g/t Au from 12m)
 - 4m @ 1.64 g/t Au (within 20m @ 0.88 g/t Au from 72m)
- Mineralisation hosted in quartz-goethite and silicified shear zones associated with lithological contact

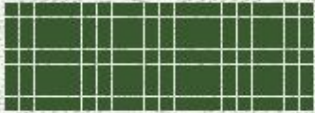


The battery minerals shortfall demands hundreds of new mines

More than 260 new lithium, cobalt, nickel and copper mines will be needed by 2030 if the world is to meet global demand for minerals-intensive electric vehicles and energy storage batteries.



140 Copper mines



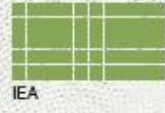
S&P Global

60 Nickel mines



IEA

50 Lithium mines



IEA

17 Cobalt mines



IEA

Australia has the minerals, but is being outpaced by competitors

Australia has enviable reserves of future critical minerals but risks falling behind other highly competitive resource-rich countries with a strong political focus on the energy transition.



No.1

Global resources...

of recoverable nickel, zircon (zirconium), rutile (titanium), uranium, gold and zinc.

Geoscience Australia



Top 5

Global resources...

of lithium, copper, bauxite, cobalt, tungsten, ilmenite, vanadium and manganese.

Geoscience Australia



80%

Under-explored

Opportunities for new mineral discoveries are vast with 80% of Australia under-explored.

Geoscience Australia

FUTURE CRITICAL MEETING THE MINERALS INVESTMENT CHALLENGE



Global mining investment required to reach net zero is staggering

Australia has a once-in-a-century opportunity to generate sustained national prosperity and contribute in a substantial way to global clean energy supply chains, but only if it acts with urgency now.

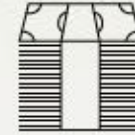


2 times

Mining investment

Global investment will need to double by 2050 to meet demand for green tech.

S&P Global

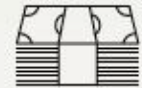


us\$4 trillion

Investment to 2030

Global mining, refining and smelting investment required to achieve net zero.

McKinsey & Company



us\$160 billion

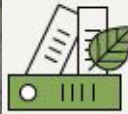
Over next 25 years

Annual global mining investment required to reach net zero by 2050.

S&P Global

If Australia is to meet this critical opportunity, action is needed now.

Government and industry must work together to clear the roadblocks that threaten the next wave of global mining investment in Australia. This can be achieved by addressing five critical areas:



Reduce the regulatory burden to attract investment



Advance policies that support competitive project returns



Deliver efficient public infrastructure and services

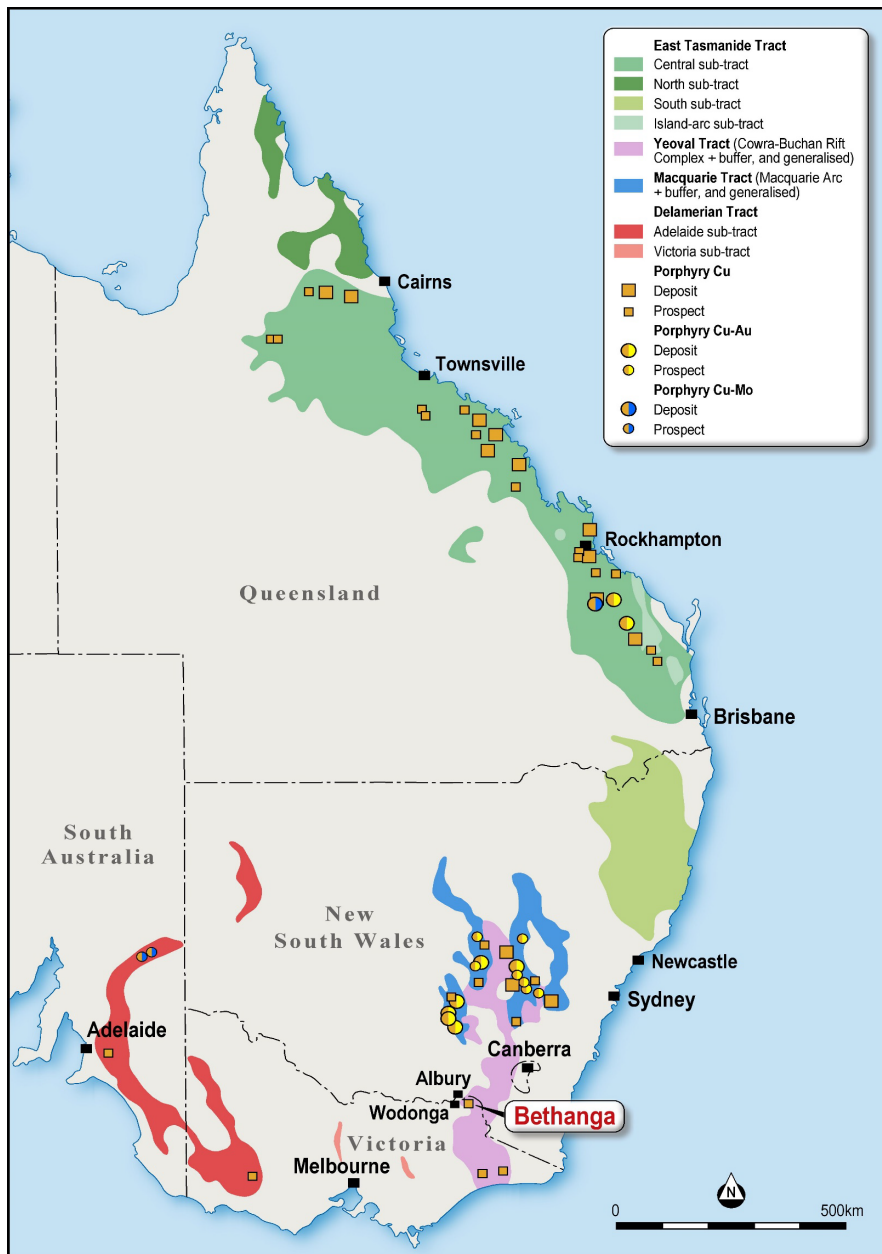


Make support for mining a political imperative



Put business and productivity at the centre of fiscal policy





COMPANY PROJECTS

BETHANGA PORPHYRY Cu-Au PROJECT

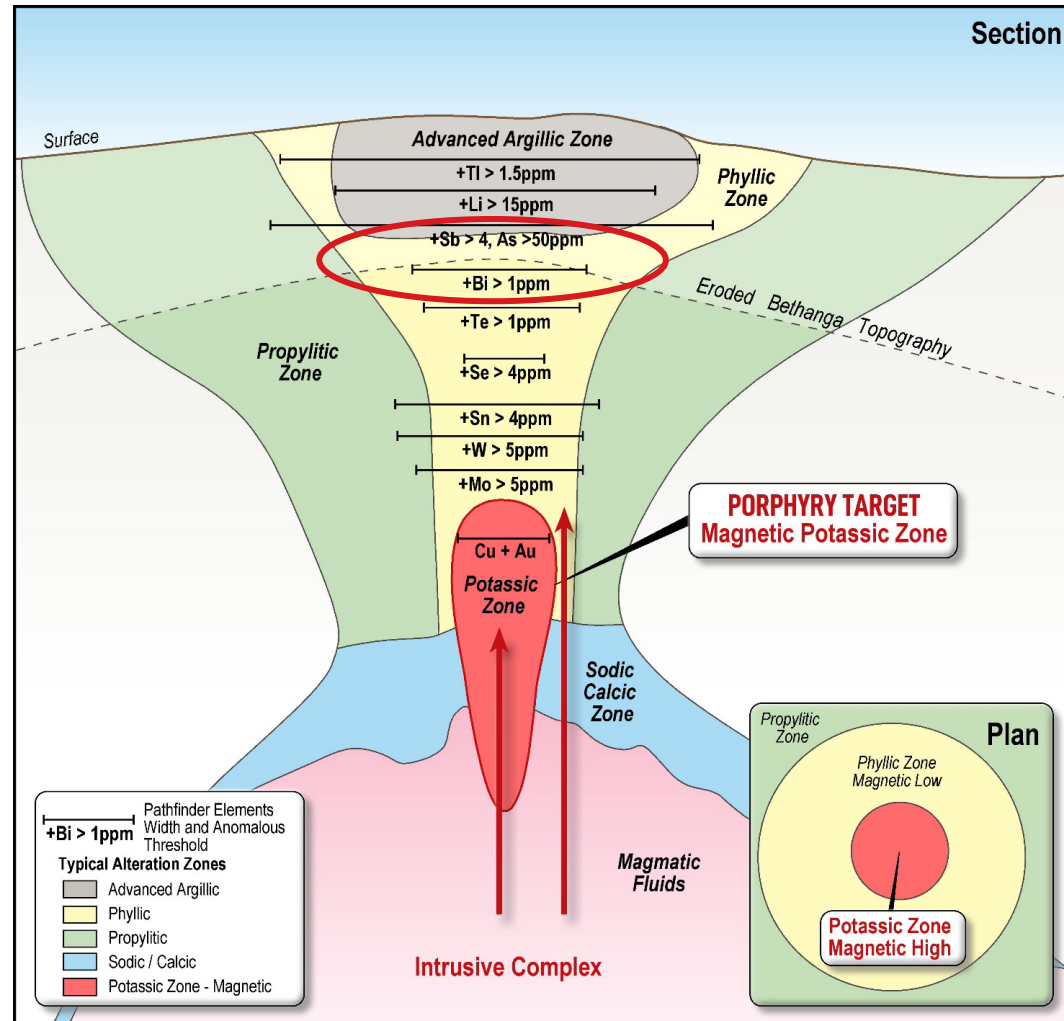
TARGETING = LARGE SCALE PORPHYRY Cu-Au SYSTEM

- Exploration Tenements cover 130km²
- Located in Australia's premier Porphyry Copper-Gold geological terrain
- Same Paleozoic rock package as the world class Cadia-Ridgeway and Northparkes Porphyry Copper-Gold projects further north in NSW
- The project area is recognised by Geological Survey of Victoria as a region prospective for Porphyry Copper-Gold and VHMS mineralisation

'THE RIGHT ROCKS'

- Historically mined for copper and gold at turn of the century (618t Cu and 94kOz Au at 39g/t)
- No exploration activity since 1987

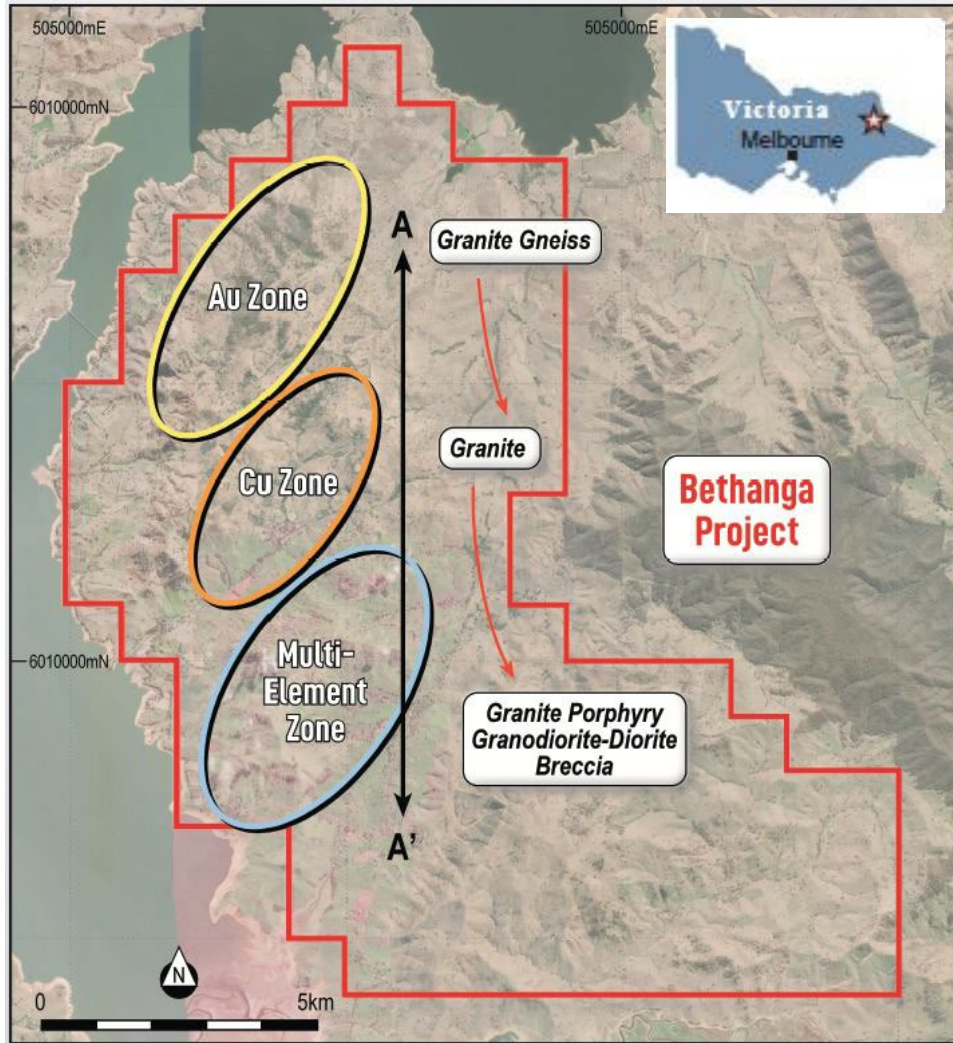
PORPHYRY Cu-Au



EXPLORATION MODEL

- Typical Cu-Au porphyries display a magnetic “potassic zone” at the core of the system containing alteration minerals magnetite, biotite and k-feldspar
- This potassic zone is surrounded by the non-magnetic “phyllic zone” containing quartz, sericite/white mica (illite / muscovite) and pyrite
- This zone extends outwards to the “propylitic zone” containing chlorite, epidote and carbonate
- This zonation can result in a magnetic response comprising a magnetic high (potassic zone) surrounded by a magnetic low (phyllic zone)
- Surface rock chip data shows highly anomalous Sb & As +/- Bi defining the approximate vertical position

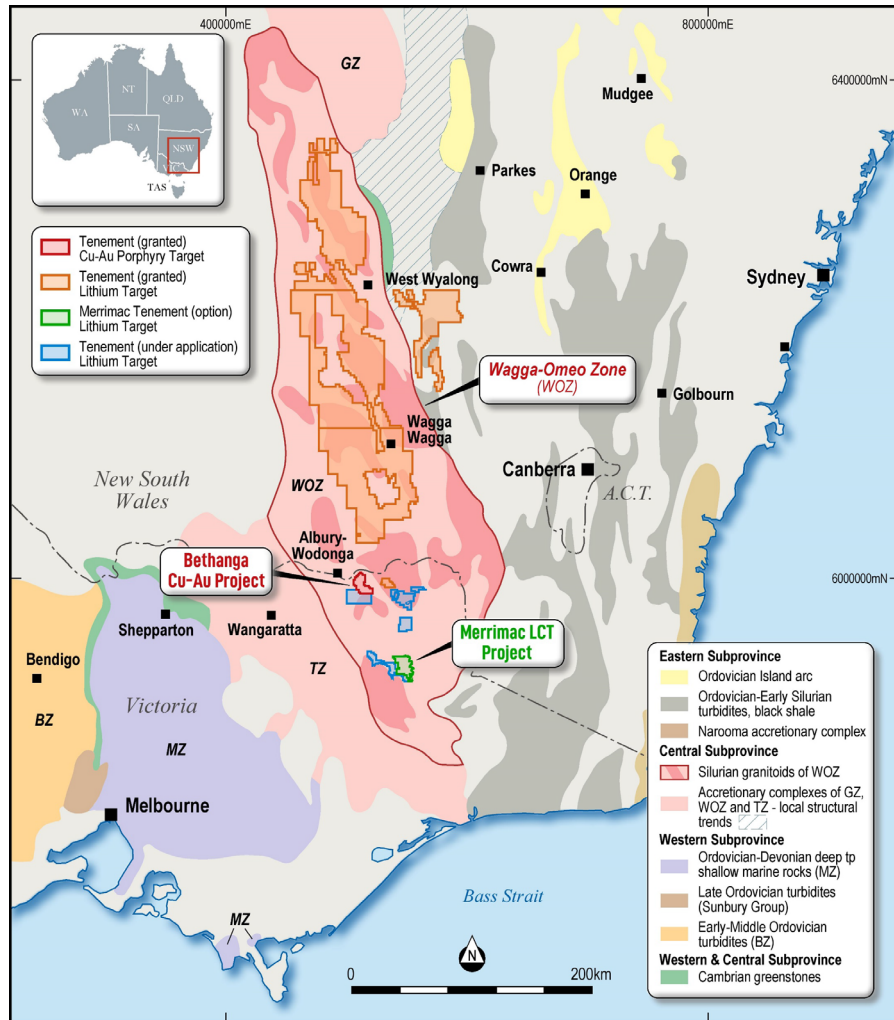
PORPHYRY Cu-Au



FERTILITY STUDY POSITIVE RESULTS

- ✓ Fertility study returned positive results
- ✓ Drill targets identified - diamond drill program planned
- ✓ The porphyry target zone covers ~8km x 3km, with a high priority target zone of ~3km x 1.5km
- ✓ Aeromagnetic and ground magnetic surveys confirm existence of multi-phase magnetic intrusive complex – indicative of the core of a porphyry Cu-Au system
- ✓ Rock chip and soil geochemistry confirms the elemental association of magmatic-hydrothermal fluids originating from a fertile porphyry Cu-Au system
- ✓ Dr Dennis Arne (Telemark Geosciences) – geochemist with 40 years' experience leads the technical team

CRITICAL MINERAL SEARCH – First Mover Advantage – “Mega Peg”

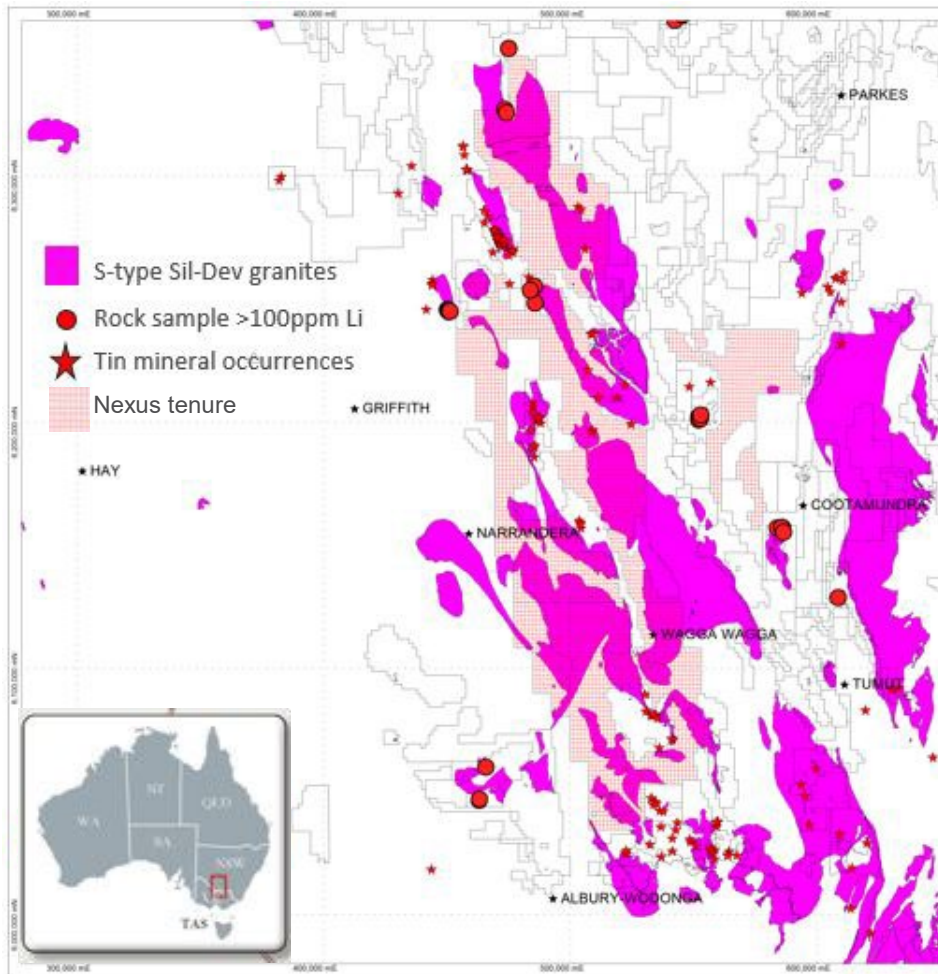


- Nexus Minerals has been granted over **15,000km²** of prospective tenure in north-east Victoria and NSW
- First mover advantage allows for regional scale exploration targeting with one of the largest pegging exercises in NSW history
- Nexus will be exploring for the following critical minerals:

Lithium - Caesium - Tantalum - Tin - Copper

- Lithium-caesium-tantalum (LCT) pegmatites are associated with highly fractionated, reduced S-type Silurian granites that often also host tin mineralization
- The Wagga-Omeo Zone (WOZ) – host to extensive emplacement of Silurian granites and tin mining operations and occurrences
- Hence WOZ is determined to be highly prospective for LCT pegmatites and associated tin mineralisation
- The WOZ extends ~700km in a north-south direction and averages ~80km east-west

CRITICAL MINERAL SEARCH - NSW



- A review of open file geology and whole-rock geochemistry confirmed that much of the exploration ground granted in southern NSW is underlain by reduced, fractionated, peraluminous S-type granites
- A systematic, regional geological scale exploration targeting approach has commenced focused on discovery of large ore bodies
- Best available government and open-file company geophysics surveys compiled and re-processed, encompassing detailed magnetic, radiometric, and gravity data
- Data will now be used to accurately map granites according to their geophysical signatures to identify S-type granites, zoning and boundaries
- Typically, LCT pegmatites are found approximately 3 to 6 km from the contact of a fertile granite intrusion - ground truthing to commence in this zone

PLANNED EXPLORATION ACTIVITIES 2023-2024

		Oct-23	Nov-23	Dec-23	Jan-24	Feb - 24	Mar- 24
Wallbrook	Crusader-Templar	Mine Optimisation Studies			Geotechnical / Metallurgical / Diamond Drilling		
	Branches	Modelling and interpretation					
	Target 4.1	Modelling and interpretation					
	Regional	Heritage Survey			AC Drilling		
Bethanga Porphyry Cu-Au		Diamond Drill Program Logistics			2,000m Diamond Drill Program		
NSW LCT Pegmatites		Geophysical Interpretation			Field Mapping and Sampling		
VIC LCT Pegmatites		Interpretation and Planning			Field Mapping and Sampling		

SUMMARY

WESTERN AUSTRALIA GOLD

- Highly prospective and strategic landholding
- Crusader-Templar Prospect discovery in 2021
 - Advancing mine studies on the gold resource area
- Branches Prospect discovery in 2022
- Well funded & active gold explorer in multi million-ounce gold region

VICTORIA AND NSW CRITICAL MINERALS

- Bethanga Porphyry Cu-Au project
 - Positive fertility assessment – drill ready
- NSW & Victoria LCT Pegmatite project – ~15,000km² recently granted
 - Processing of regional geophysical datasets underway
 - Ground reconnaissance mapping and sampling to follow

- *Quality Projects*
- *'The Right Rocks'*
- *Professional and Experienced Management Team*
- *Well Funded with
~\$6.32M Cash on Hand*

THANK YOU

For further information please contact:

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Managing Director

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West Perth WA 6872

SUMMARY APPENDIX 1 JORC TABLES

Crusader-Templar Prospect Combined JORC 2012 Mineral Resource Estimate (1g/t Au cut-off)

Deposit	Category	Tonnes	Grade (g/t Au)	Au (oz)
Crusader	Indicated	850,000	2.5	68,000
	Inferred	503,000	1.7	27,000
Templar	Indicated	170,000	2.4	13,000
	Inferred	1,048,000	2.0	67,000
TOTAL	Indicated	1,021,000	2.5	81,000
	Inferred	1,551,000	1.9	94,000
GRAND TOTAL		2,572,000	2.1	175,000

Northern Star Ltd Carosue Dam Resource Table as at 29/8/2022

	Measured			Indicated			Inferred			Total Resources		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
NST ATTRIBUTABLE INCLUSIVE OF RESERVE												
CAROSUE DAM GOLD PROJECT												
Surface	3,794	1.6	195	22,687	1.7	1,217	10,467	1.6	522	36,947	1.6	1,934
Underground	7,583	3.0	727	12,685	2.5	1,036	5,977	2.9	473	26,244	2.7	2,235
Stockpiles	2,526	1.8	58	-	-	-	-	-	-	2,526	1.8	58
Gold in Circuit	-	-	-	-	-	-	-	-	-	-	-	-
Sub-Total Carosue Dam	13,903	2.2	980	35,371	2.0	2,253	16,444	2.1	995	65,718	2.1	4,227

Northern Star Ltd Carosue Dam Reserve Table as at 29/8/2022

	Proved			Probable			Total Reserve		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
NST ATTRIBUTABLE RESERVE									
CAROSUE DAM PROJECT									
Surface	588	1.2	23	15,996	1.5	768	16,584	1.5	791
Underground	4,019	3.0	392	6,124	2.7	527	10,143	2.8	919
Stockpiles	2,526	1.8	58	-	-	-	2,526	1.8	58
Gold in Circuit	-	-	7	-	-	-	-	-	7
Sub-Total Carosue Dam	7,133	2.1	481	22,120	1.8	1,295	29,252	1.9	1,776