

# Tambourah

— Metals Ltd —

## AGM Presentation 2024



ASX: TMB

[tambourahmetals.com.au](https://tambourahmetals.com.au)

November 2024



# Forward Looking Statements and Disclaimer

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The information in this Presentation that relates to Exploration Results and Mineral Resources has been extracted from the Company’s Prospectus dated 25 June 2021 and lodged with the Australian Securities and Investments Commission (ASIC) (Prospectus). The Company confirms that it is not aware of any new information or data that materially affects the Exploration Results or Mineral Resources information included in the Prospectus. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the Prospectus. This Presentation has been approved by the Board.

## Forward Looking Statements

Forward-looking statements are statements that are not historical facts. Words such as “expect(s)”, “feel(s)”, “believe(s)”, “will”, “may”, “anticipate(s)” and similar expressions are intended to identify forward looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to:

- i. those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations;
- ii. risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined;
- iii. the potential for delays in exploration or development activities or the completion of feasibility studies;
- iv. risks related to commodity price and foreign exchange rate fluctuations;
- v. risks related to failure to obtain adequate financing on a timely basis and on acceptable terms, or delays in obtaining governmental approvals or in the completion of development or construction activities; and
- vi. other risks and uncertainties related to the Company’s prospects, properties and business strategy. Prospective investors in the Company are cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and the Company not undertake any obligation to revise and disseminate forward looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

## Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr. Bill Clayton exploration manager of the company, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr. Bill Clayton has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking 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. Bill Clayton consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## Exploration Results

The references in this announcement to Exploration Results were reported in accordance with Listing Rule 5.7 in the announcements titled:

ASX Announcement: Significant RC Drill Results from Tambourah King – 4/10/2024

ASX Announcement: Drilling Completed at Mogumber – 05/08/2024, ASX Announcement: Drilling to be Completed at Cheela Gold Target, Ashburton – 29/04/2024, ASX Announcement: TMB adds Copper and Gold exploration in the Bryah Basin – 16/04/2024,

ASX Announcement: High grade gold targets identified at Bryah Project – 20/06/2024, ASX Announcement: New Lithium Results Expand Pilbara Projects, ASX Announcement: Expanding Lithium Projects at Russian Jack - 02/09/2022,

ASX Announcement: Tambourah Metals Enters CSIRO Collaboration at Russian Jack Lithium Project - 16/03/2023, ASX Announcement: Successful EIS Co-funding for Tambourah Gold Project- 17/05/2024, ASX Announcement: Pegmatite Sampling Commences at Shaw River – 05/09/2023,

ASX Announcement: Significant Gold Results from Tambourahs RC Drilling Program – 20/11/2023, ASX Announcement: Lithium Exploration Accelerates at Tambourah Projects – 23/11/2023

ASX Announcement: Airborne EM Geophysics Completed at Achilles – 13/03/2023, ASX Announcement: REE drilling completed at Achilles – 3/03/2023

ASX Announcement: High Grade Gold Rock Samples at Duke Prospect – 17/10/2023

The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement noted above

Authorised by the Board of Tambourah Metals Ltd.

# Introduction



# Corporate Overview

<b>Rita Brooks</b> <b>Executive Chairperson</b> <b>BA(Ed)</b>	<ul style="list-style-type: none"> <li>30+ years' experience in minerals exploration industry</li> <li>Founding Director of gold and nickel explorer Berkeley Resources Ltd</li> <li>Director of several private companies and extensive experience across mineral exploration throughout Australia</li> </ul>
<b>Bill Clayton</b> Non-Executive Director Geology Manager	<ul style="list-style-type: none"> <li>Experienced mining professional. Skilled in Mineral Exploration, Exploration Management, ASX reporting, Gold, Copper and Nickel.</li> </ul>
<b>Wayne Richards</b> Non-Executive Director GAICD, BSc	<ul style="list-style-type: none"> <li>30+ years' experience of study execution, project development, mining, mineral processing and corporate financing experience.</li> <li>Extensive Lithium exploration and project development knowledge.</li> </ul>
<b>Bill Marmion</b> Non-Executive Director BEng	<ul style="list-style-type: none"> <li>24 years delivering infrastructure projects as an engineer.</li> <li>State Minister for 6 years in the WA Government between 2010 and 2016, holding the portfolios of State Development, Mines and Petroleum, Transport, and Environment.</li> </ul>
<b>Graeme Smith</b> Company Secretary MBA, MComLaw, FCPA, FCG (CS, CGP)	<ul style="list-style-type: none"> <li>30+ years' experience in the accounting and company administration industry</li> <li>Extensive experience in similar roles and is Principal of Wembley Corporate Services</li> <li>Currently serving as a Non-Executive Director of Augustus Minerals Ltd &amp; Enterprise Metals Limited</li> </ul>

## Share Price - 1<sup>st</sup> Jan 2023 – 3<sup>rd</sup> Oct 2024



1. Cash on hand as at 30/09/2024

## Corporate Snapshot

Share Price (01/11/2024)	\$0.03
Share Capital (ASX:TMB)	108.5m
Unlisted Options	57.6m
Market Capitalisation	\$3.25m
Cash <sup>1</sup>	\$2.18m
Debt	Nil



# Gold Exploration in Western Australia

## Tambourah WA Gold Projects

### Tambourah Goldfield

Over 20 historic goldmines and prospects over 3km of strike

### Cheela

Historic gold intersections including 8m at 8.59g/t Au

### Bryah

Work has commenced following up high-grade gold up to 5m at 22.92g/t Au

## Tambourah Project Locations





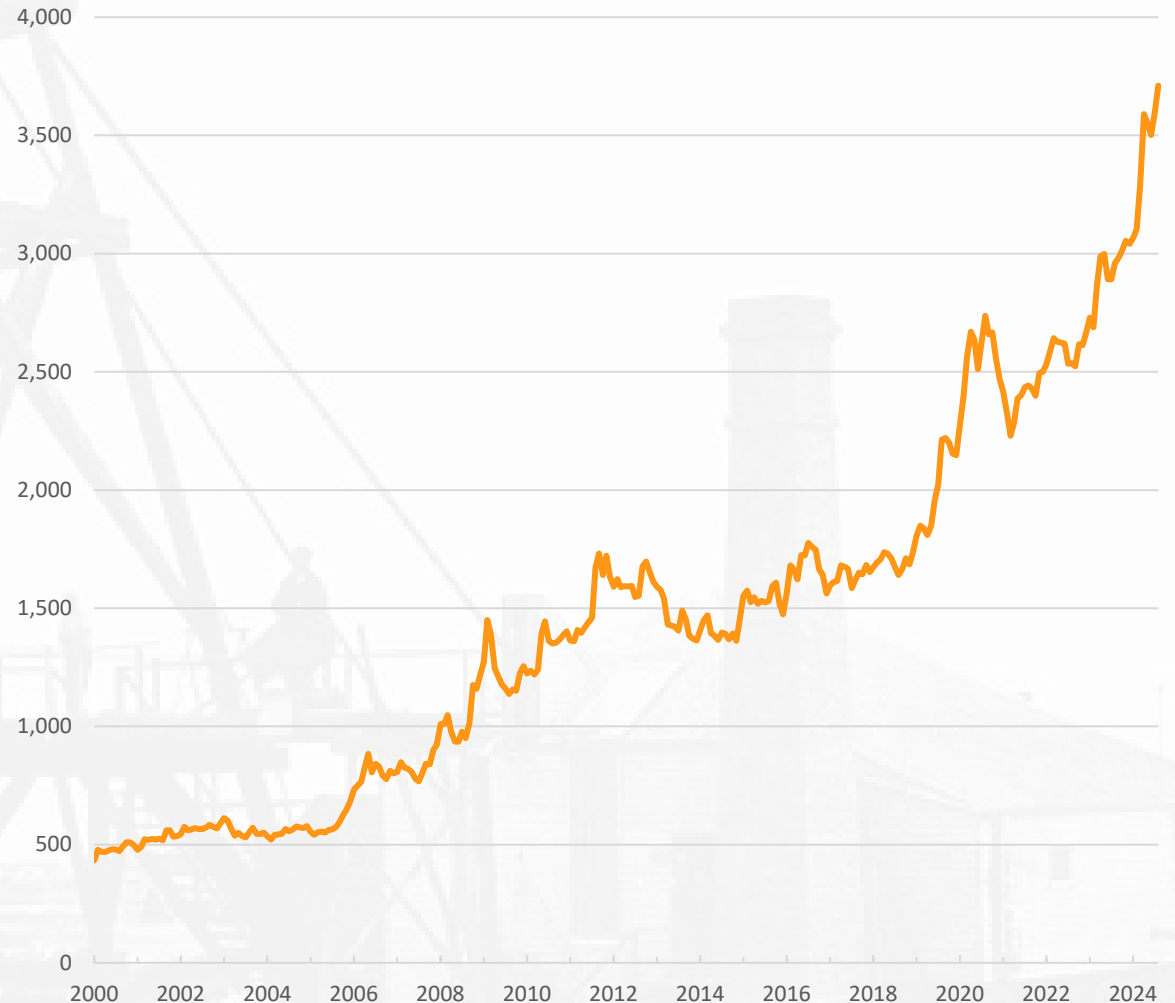
# Market Overview

## Gold

- ✓ Increase in the gold price from AU \$2500 to AU \$4000+ (2023 → 2024)
- ✓ Tambourah is focused on accelerating gold exploration
- ✓ Diamond Drilling (DD) completed recently
- ✓ Worlds Fair, Federal and Tambourah King Prospects are three of the twenty historic mines over the 3km of strike
- ✓ Work at Bryah Basin Au-Cu project has commenced including the Beatty Park Prospect
- ✓ Advanced gold targets including 5m @ 22g/t Au
- ✓ AC drilling at Cheela gold project completed
- ✓ Gold targets and Nickel PGE exploration at Achilles.
- ✓ SQM completed resampling of pulps for gold and PGE's at

Julimar Nth

GOLD PRICE (AUD)





# Gold Exploration Progress



- Consolidated the entire historic Tambourah goldfield in the Pilbara.
- Mining lease applications at Tambourah Project progressing.
- Over 20 historic goldmines and prospects over 3km of strike.
- Historical production of 5,445t ore produced 148.9kg of Gold.
- RC drilling program (September 2024) results included:
  - 5m at 2.02g/t Au from 53m
  - 6m at 2.05g/t Au from 18m
  - 1m @ 5.89g/t Au from 23m
- Diamond drilling results from World's Fair, Tambourah King and Federal Prospects pending.
- At the exciting new Bryah Gold Project in the Murchison, TMB has commenced work at the Neptune, Baxters and Beatty Park Au/Cu Prospects.
- In the Ashburton, Cheela air-core drilling confirmed gold reported in historic drilling. RC drilling is planned.
- SQM completed drilling at the Julimar Nth Project and obtained a new magnetic survey of the project locations.



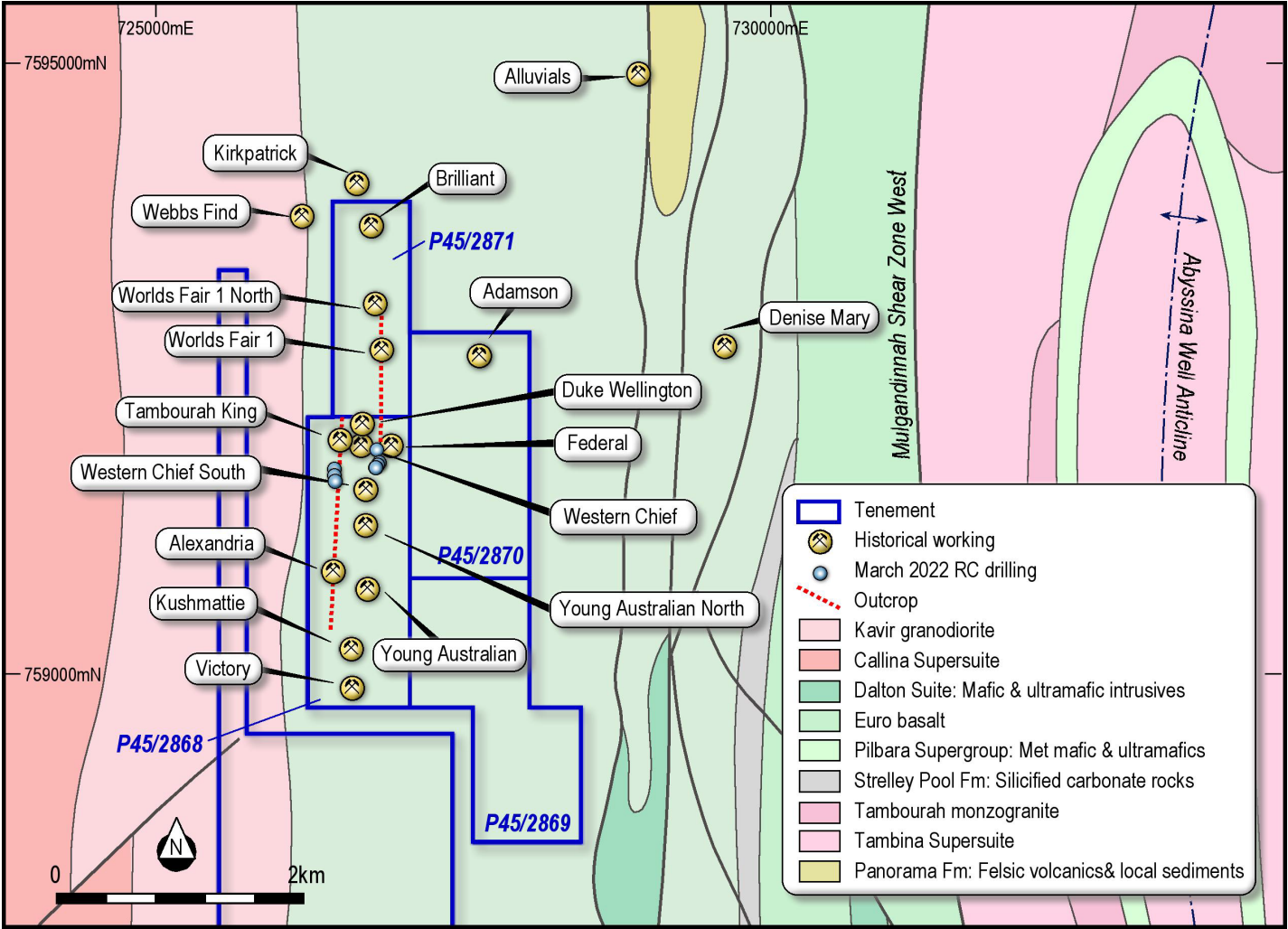
# Tambourah Gold Project

Tambourah Metals Ltd has applied for a mining lease starting with a resource at Western Chief.

Drilling in 2023 at Tambourah King confirmed significant results of up to 28g/t Gold.

The main focus of the 2024 diamond drill program was to test the depth/strike extensions at the World's Fair, Tambourah King and the Federal prospects for intrusion-related and lode gold mineralised systems. Results pending.

EIS grant awarded for up to \$180,000 for RC/DD drilling at Alexandria, Young Australian and Kushmatie.



Location of Tambourah Historic Gold Mines

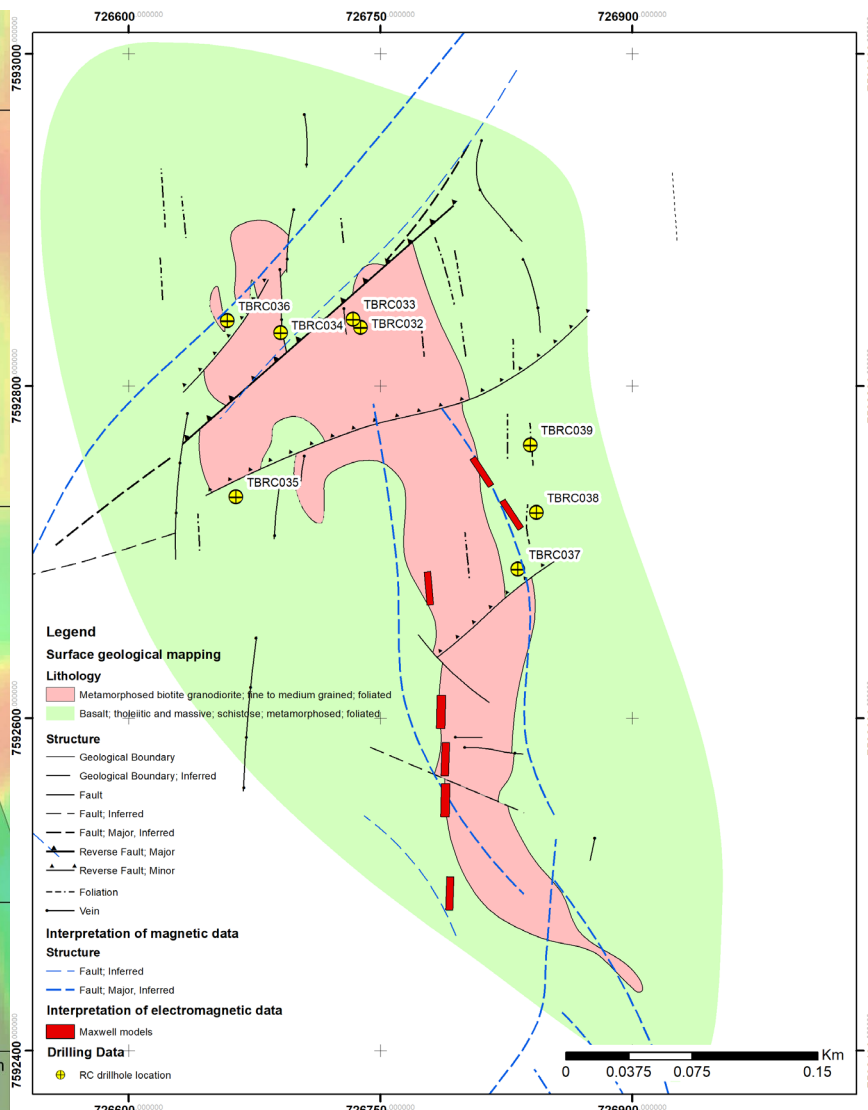
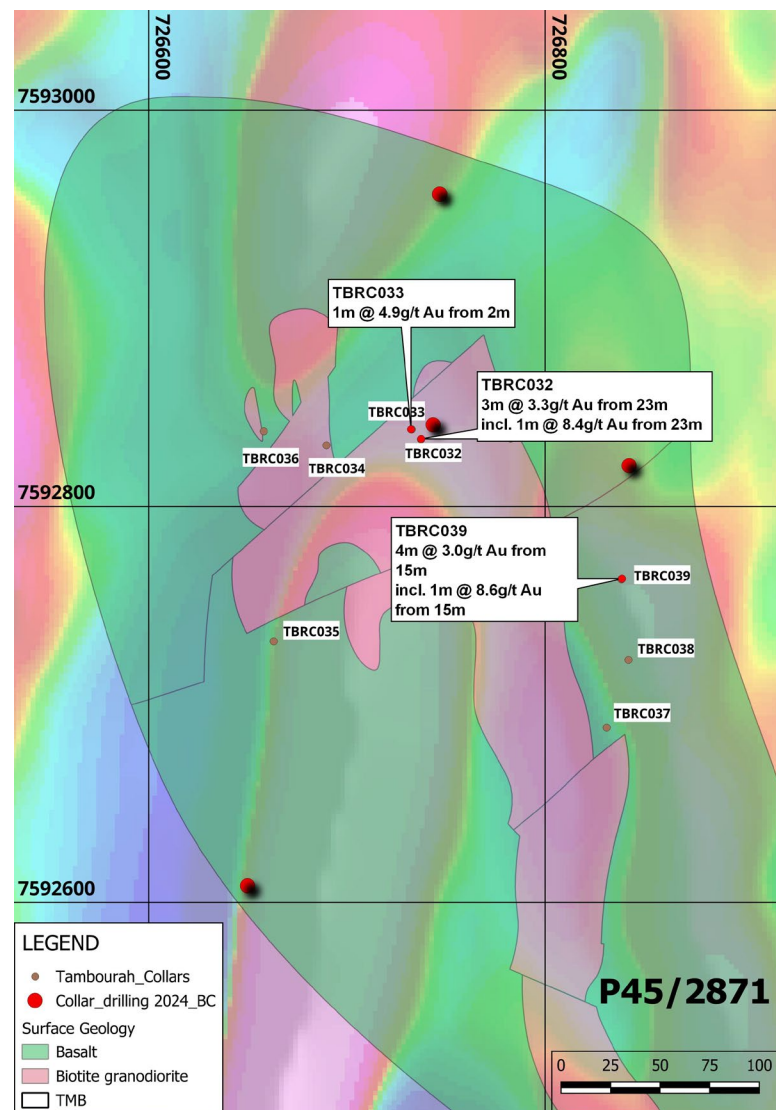
# Tambourah Gold Project – Worlds Fair

Tambourah completed the first RC drilling program at World's Fair. Results included up to 8.4 g/t Gold.

- 3m @ 3.3g/t Au from 23m (TBRC032)  
Incl 1m @ 8.4g/t Au from 23m
- 1m @ 4.9g/t Au from 2m (TBRC033)
- 4m @ 3.0g/t Au from 15m (TBRC039) –  
Incl 1m @ 8.6g/t Au from 15m

Several styles of gold mineralisation have been identified at the Tambourah Goldfield.

Program of work to continue once DD assay results returned.





# Tambourah Gold

Recent and historic drilling confirms that gold mineralisation is less than 100m in depth.

New targets to be tested include Alexandria, Young Australian and Kushmattie.

Historical results at Kushmattie includes:

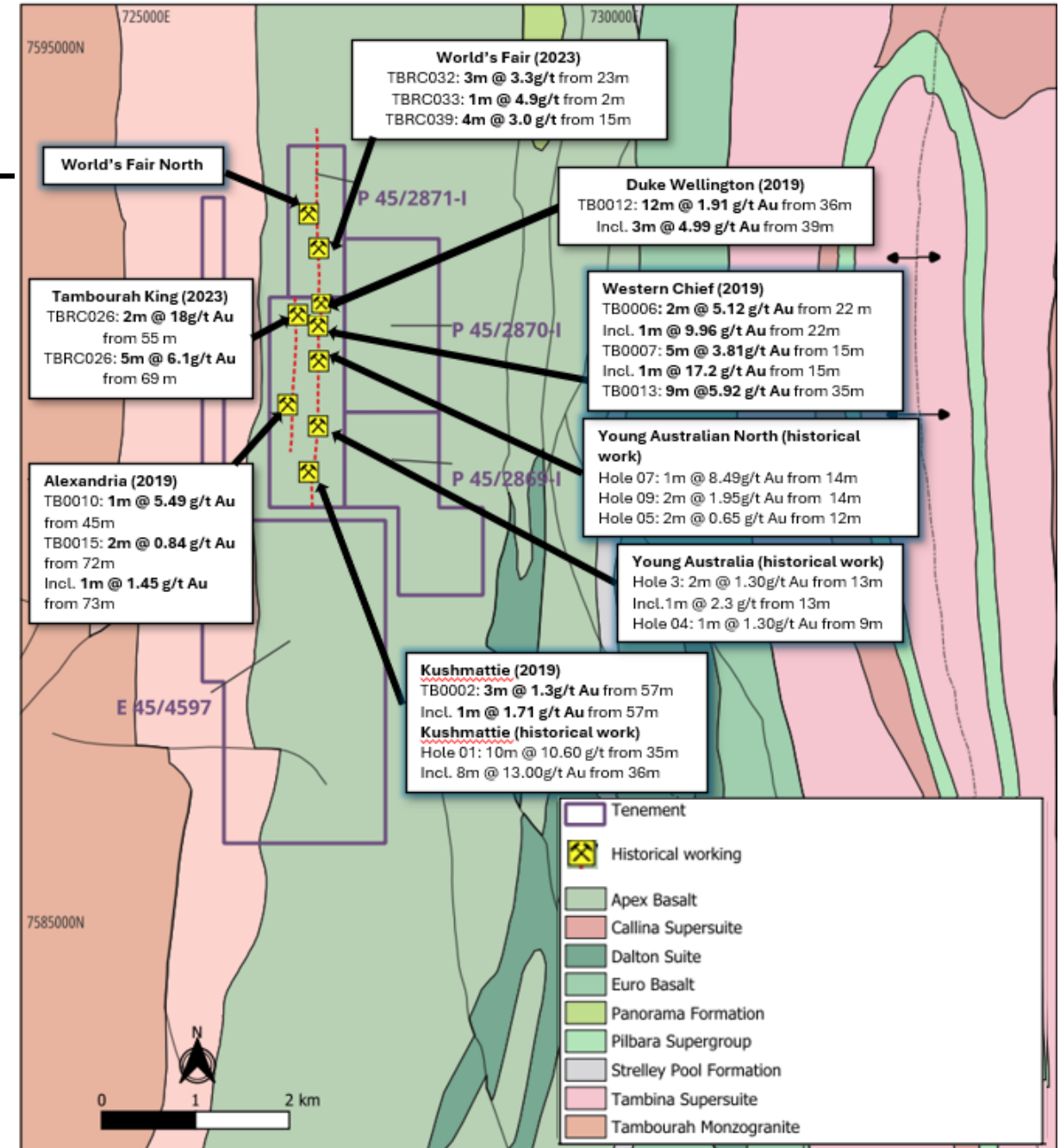
- 10m @ 10.6 g/t Au from 35m

Historical results at Alexandria includes:

- 1m @ 5.49 g/t Au from 45m

Historical results at Young Australian includes:

- 1m @ 8.49 g/t Au from 14m



1. Tambourah Metals Ltd. (2021). Geology report. In TMB Prospectus (p. 18).

# Bryah Cu/Au project

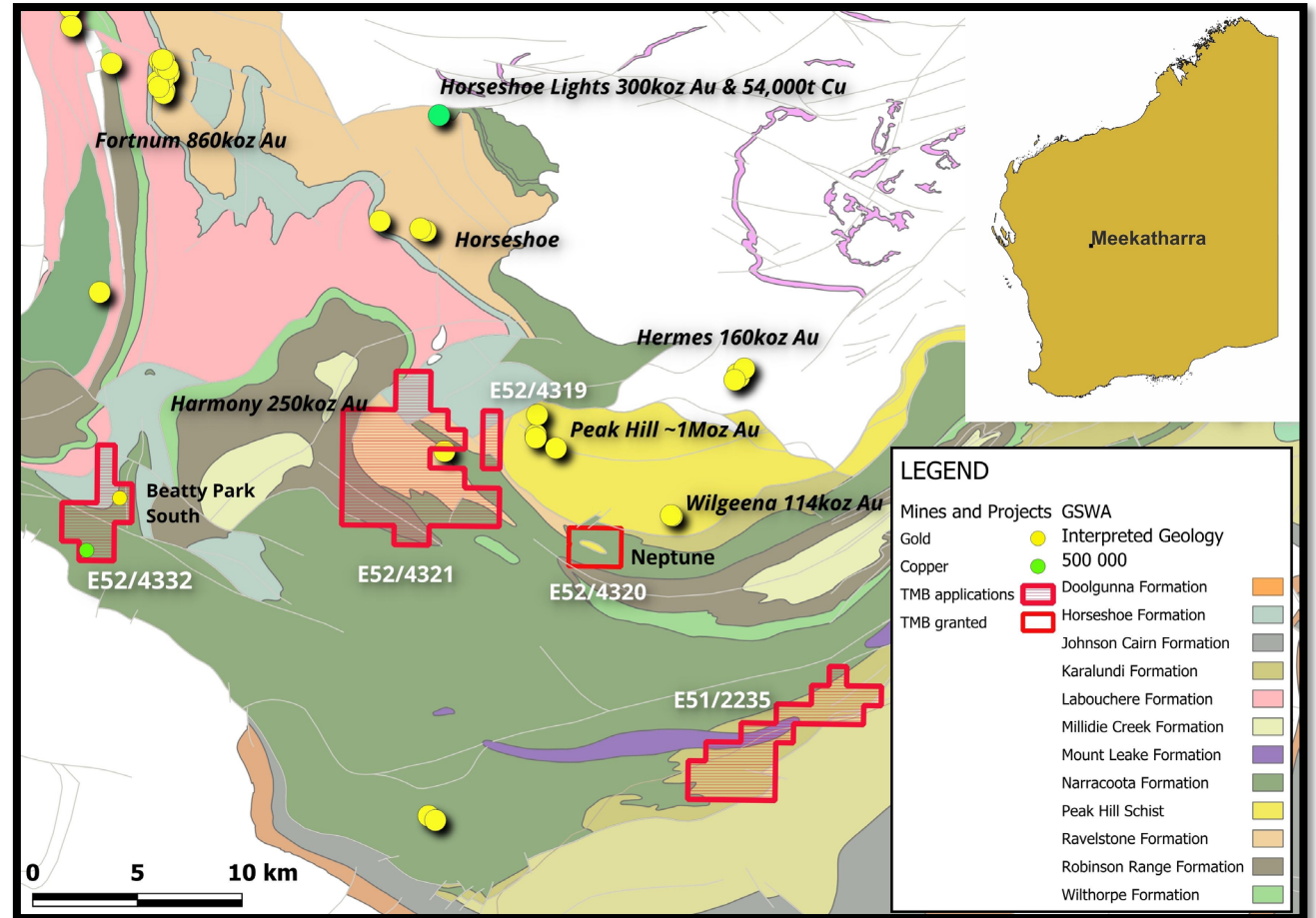
Located 150km north of Meekatharra

The Neptune Prospect is 60km southwest of the DeGrussa-Monty high grade copper-gold mine. The Bryah Basin is a major province for for VHMS copper-gold and Proterozoic gold mineralisation.

Beatty Park South has recently been approved and field activities will commence shortly.

At Baxters South the exploration licence surrounds the 250 000oz Au Harmony mine.

Tambourah has commenced work on the extensive historic datasets of electromagnetic and gravity surveys, AC, RC and DD results.



Bryah Basin Location Map



# Beatty Park Au Project

Located on upper contact Narracoota Fm. Primary target for gold mineralisation in the Bryah Basin.

Historic drilling intersected high-grade gold in highly altered mafic-ultramafic rocks of the Narracoota Fm.

Historic drilling results included:

- 5m at 22.92g/t Au
- 5m at 15.25g/t Au
- 4m at 4.73g/t Au

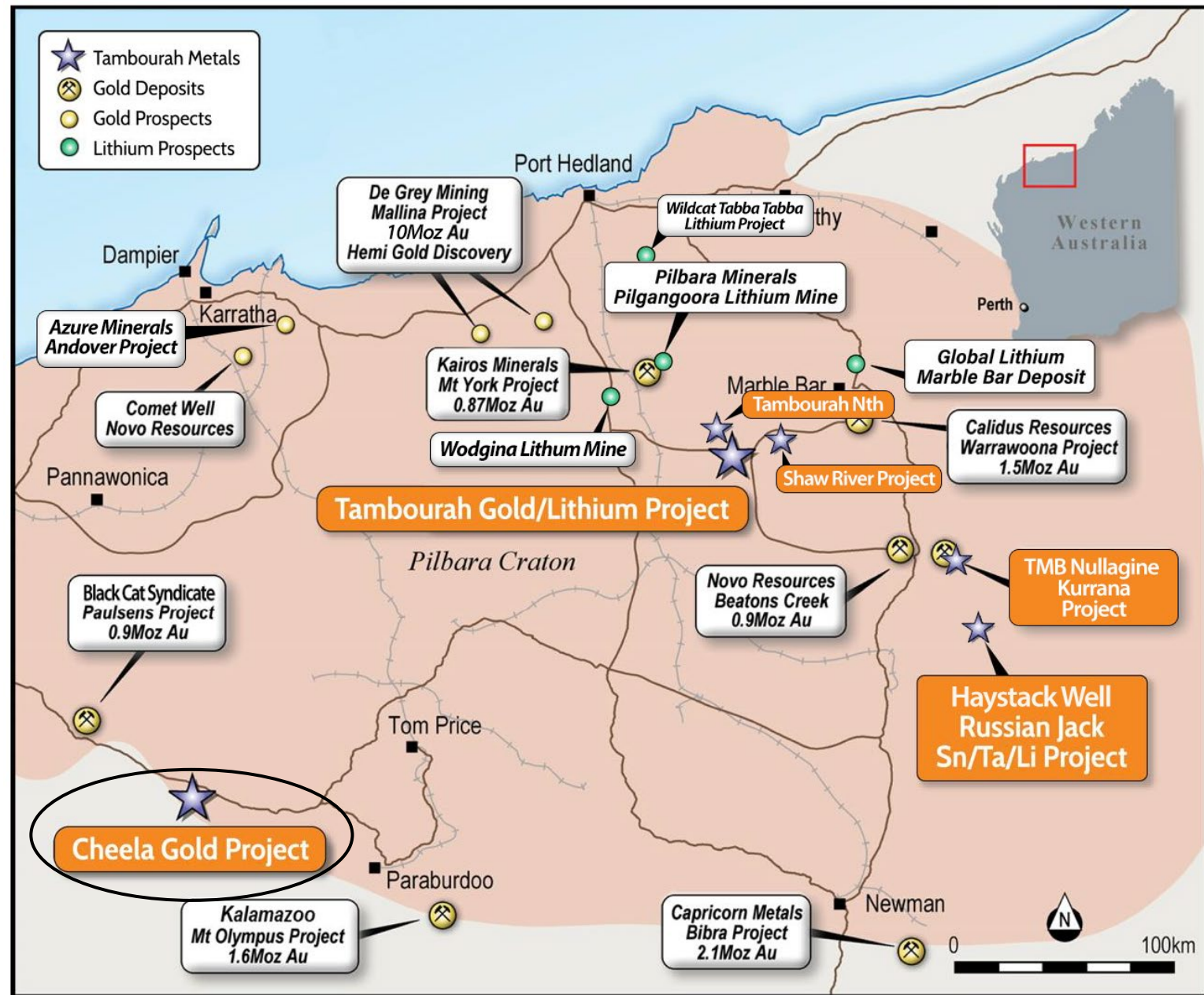
Follow up will include review of magnetic and remote sensing data to help identify lithological boundaries and potential structural controls.

Hole ID	East_MGA	North_MGA	RL (nom)	Dip	Azimuth (mag)	From	To	Length	Grade Au g/t	Final Depth (m)
BPR16	632643	7157169	554	-60	98	44	49	5	22.92	50
BPR17	632620	7517172	554	-60	98	30	37	7	1.90	50
BPR18	632597	7157175	554	-60	98	27	31	4	1.74	50
BPR68	632675	7157164	554	-60	278	44	48	4	14.71	50
PRC02	632621	7157181	554	-60	188	34	35	1	28.65	64
PRC06	632648	7157205	554	-60	188	27	29	2	4.73	81
						44	47	3	6.07	
PRC08	632667	7157175	554	-60	188	32	37	5	15.25	80

Historic drill data showing high grade intersections

# Cheela Project Location

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# Cheela Drill Program - Q3 2024

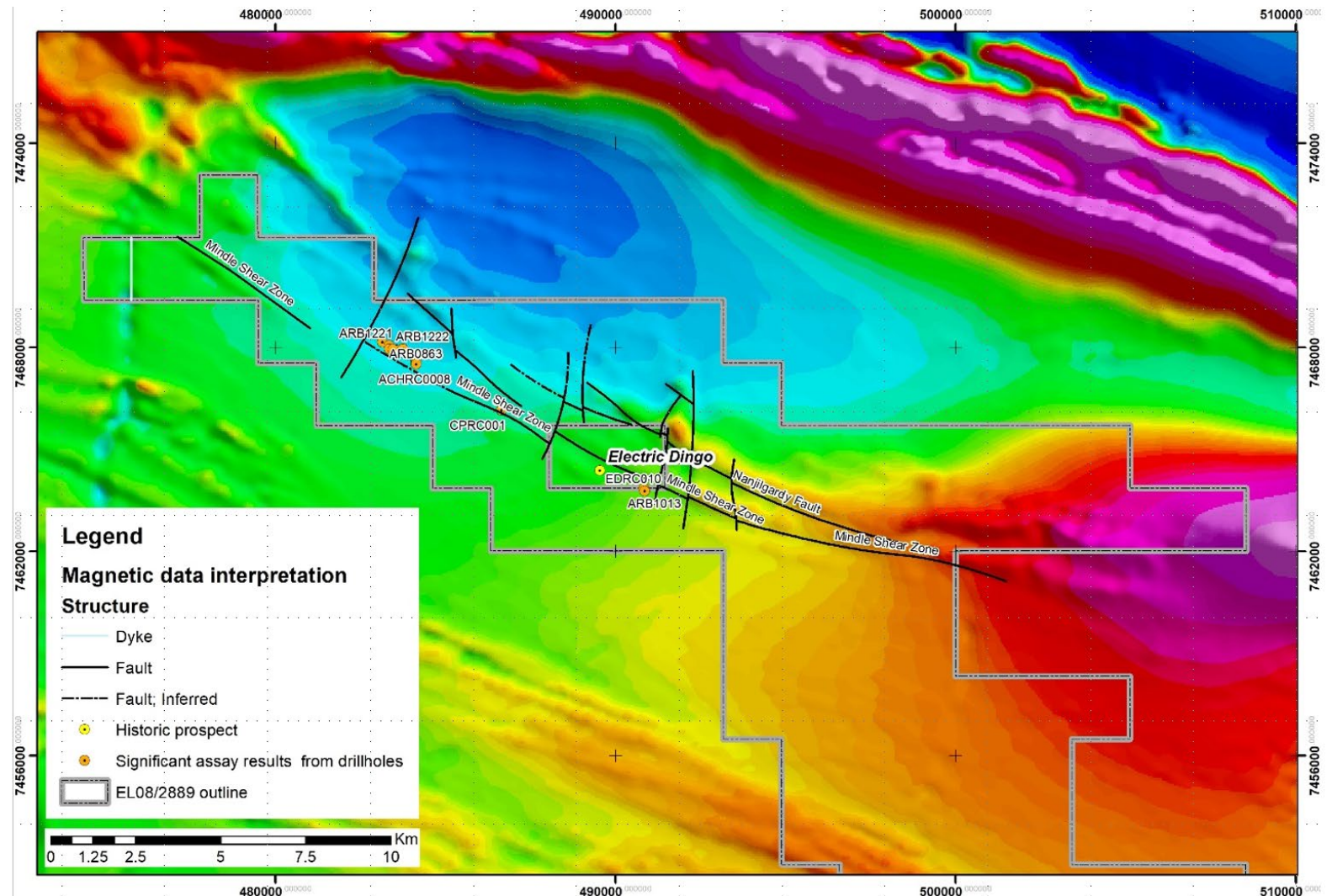
Cheela is located 70km northwest of Paraburdoo and adjacent to the Paraburdoo-Nanutarra Road.

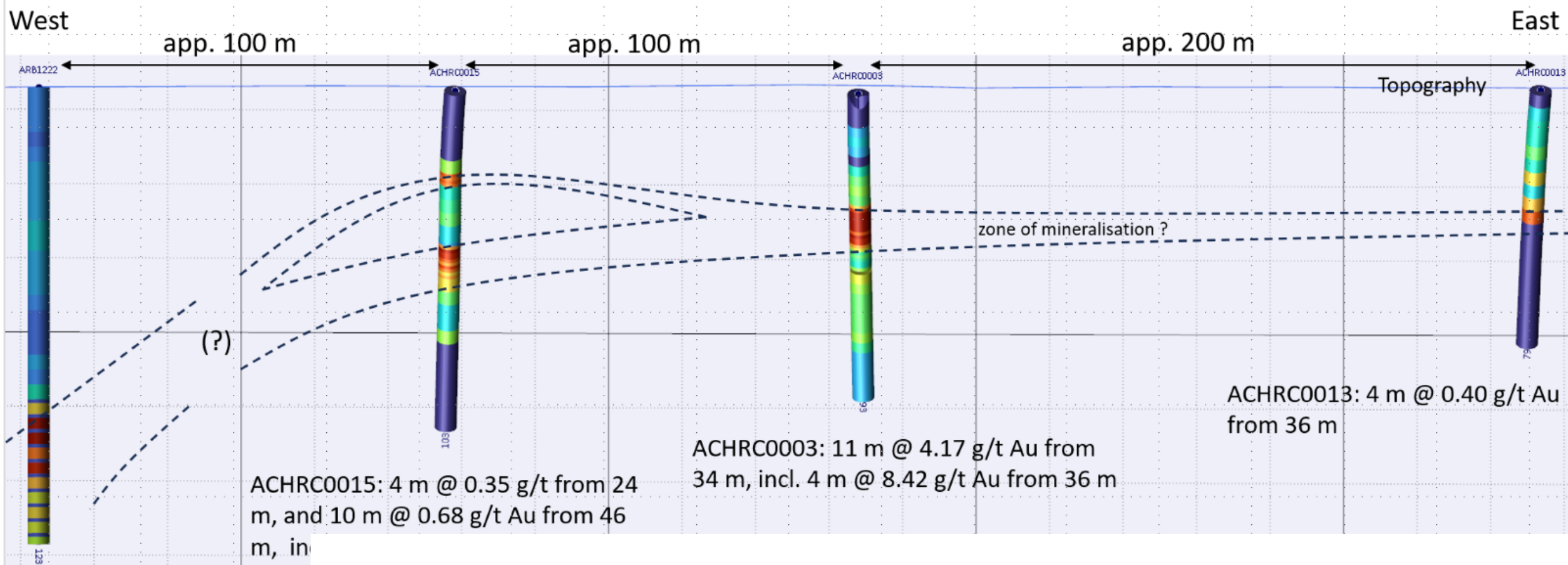
Cheela prospect targeted historic gold intersections including:

- 16m at 4.75g/t Au from 88m, including 8m at 8.59g/t Au

Recent assays results show a potential extensive sub-horizontal gold anomaly open along strike.

The Electric Dingo gold deposit (Black Cat) is approximately 20,000oz. The Cheela project is 70km southeast of the Paulsens gold mine owned and operated by Black Cat.





The drilling program targeted historic high grade drill intersections reported by Newcrest Mining and Northern Star (see above), including

- 10m at 3.85g/t Au from 88m, including 8m at 8.59g/t Au from 88m<sup>2</sup> (ARB1222, Newcrest) and
- 11m at 4.17/t Au from 34m, including 4m at 8.42g/t Au from 36m<sup>3</sup> (ACHRC003, Northern Star).



# Pilbara – Critical Minerals Projects

Despite low prices investment in Lithium exploration, development remains strong as evidenced by RIO spending \$9 billion AUD on the Hombre Muerto Li mine in Argentina.

CSIRO collaboration at Russian Jack has identified areas that warrant further drill testing.

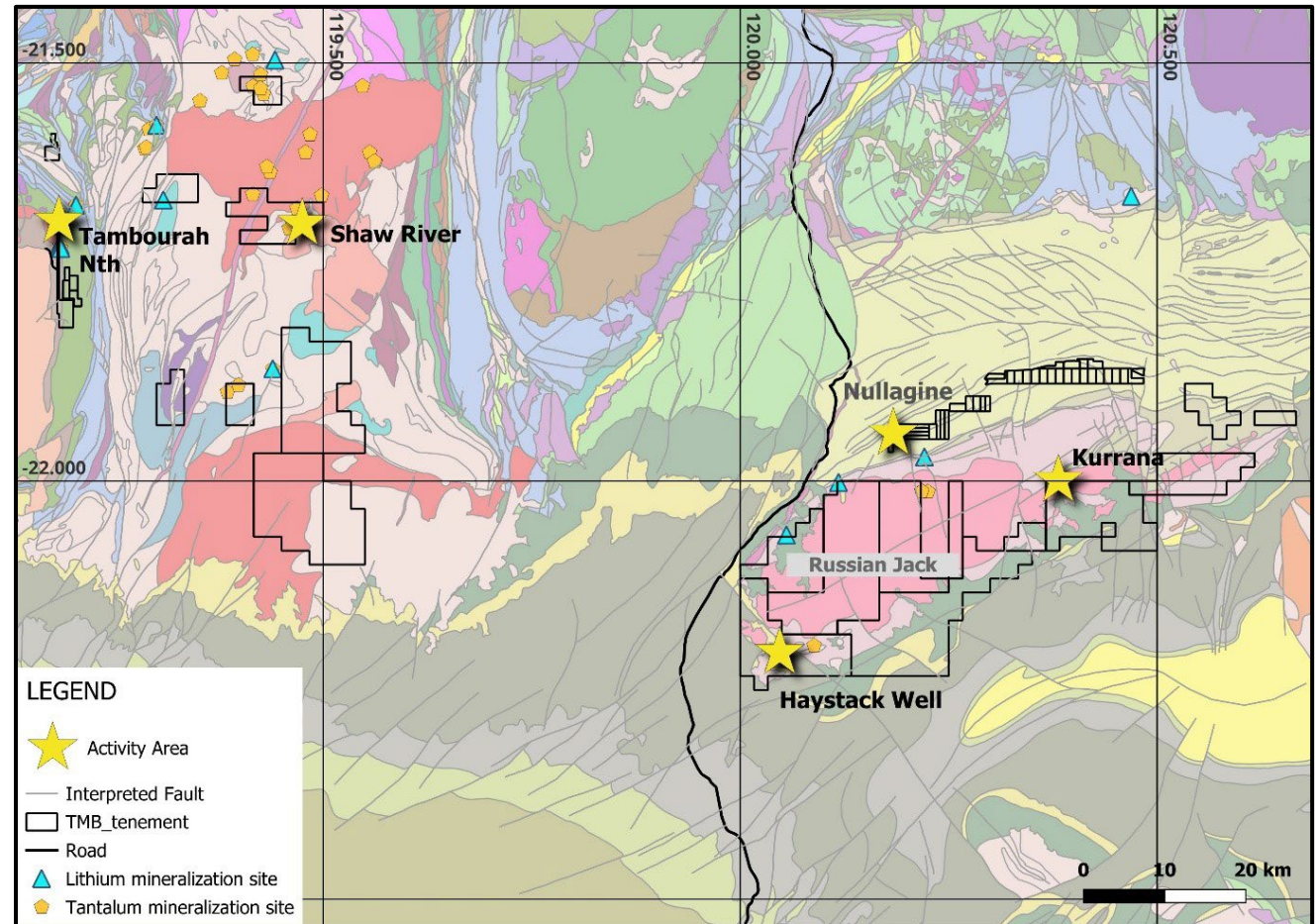
CSIRO will report shortly on the outcome of the collaboration with TMB

Work continues identifying lithium bearing pegmatites.

At Haystack Well individual assays reported up to 1%  $\text{Li}_2\text{O}$ .

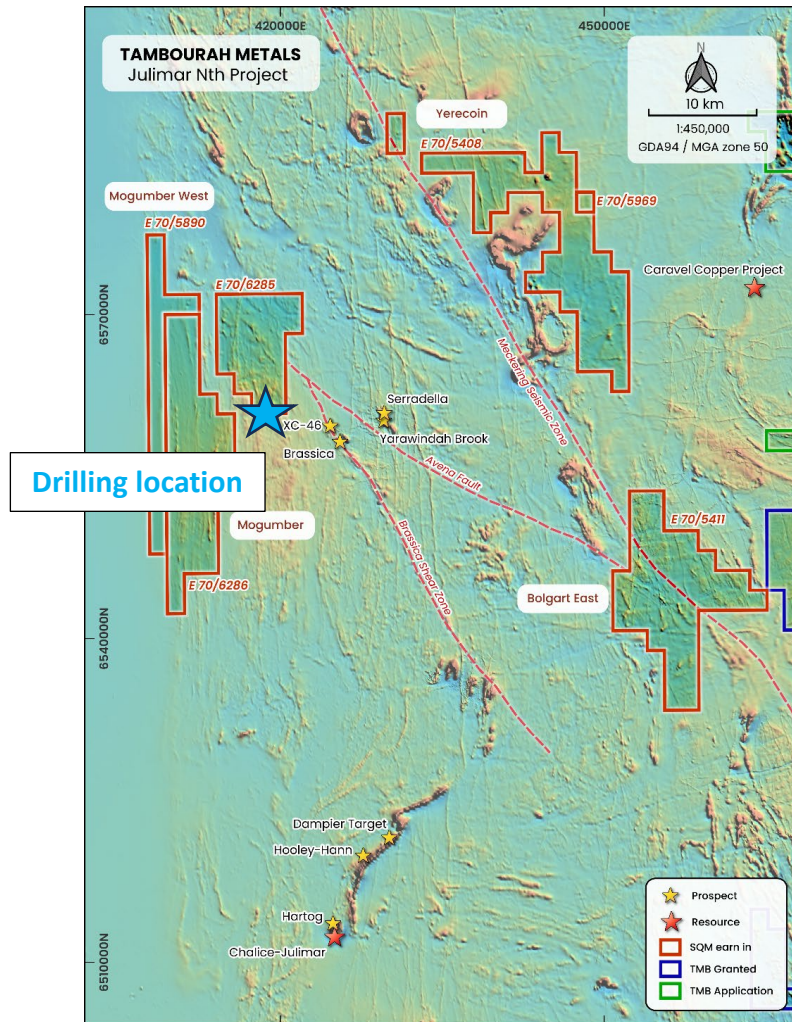
Hyperspectral data covering the Haystack Well and Shaw River Projects is being processed.

Samples from Shaw River reported up to 4,823ppm  $\text{Li}_2\text{O}$  (0.48%  $\text{Li}_2\text{O}$ ) and up to 8% Tin (Sn).



Tambourah Metals Pilbara project locations

# Julimar Nth – SQM Earn-In



Julimar Nth drilling location plan.

Recent exploration by Sociedad Quimica y Minera de Chile S.A. (SQM) has included aircore drilling and a magnetic survey over the projects.

At Mogumber, part of the Julimar Nth project located 100km north of Perth. Testing for gold and PGEs will be included in the next assay suite.

A preliminary assessment of the assay results identified a contiguous low-level Ta-Nb geochemical anomaly in 1 metre bottom of hole samples that extends in a north-south orientation for the 3,000m covered by the drill program.

The drilling program comprised of 220 aircore holes for a total 5287m was completed over an area of approximately 3.8km by 4.7km.

SQM are spending \$1.5M to earn 50% of the project.

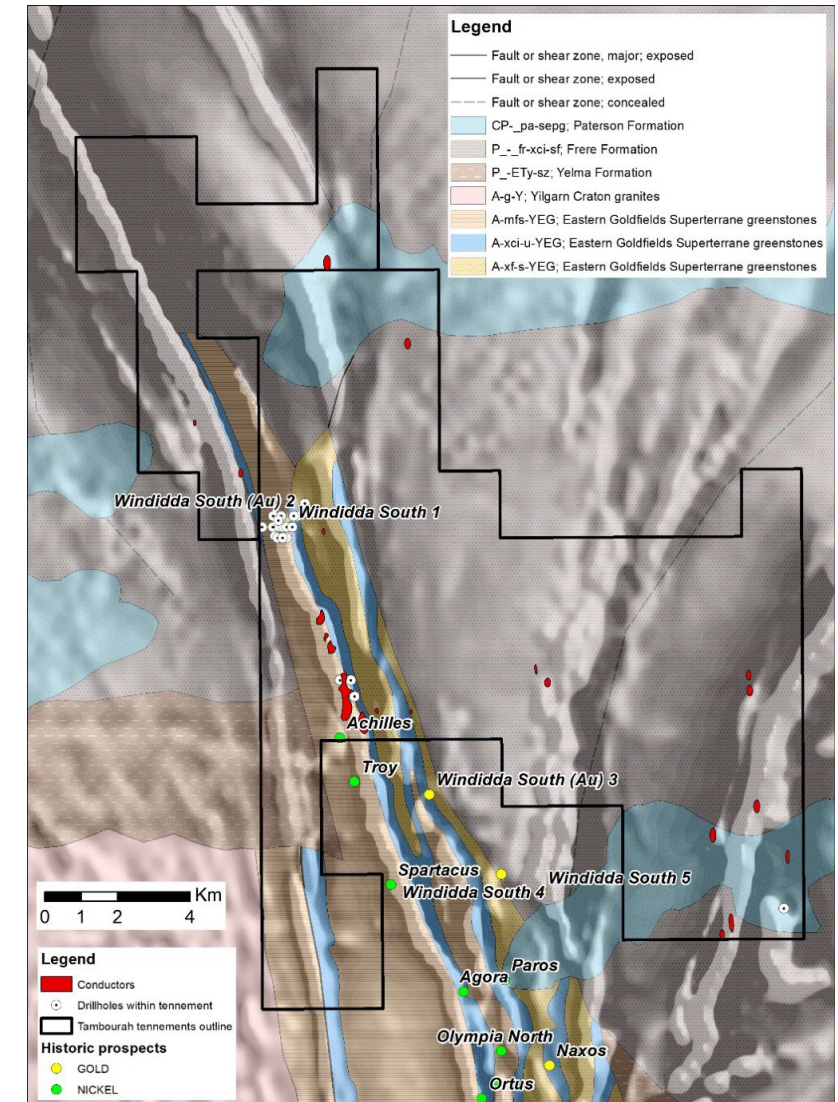


# Achilles Project

The Achilles Ni-PGE-Cu project is located in the Eastern Goldfields region, 235km north of Laverton and 200km east of Wiluna WA. The project is 10km north of the Olympia nickel deposit of Cannon Resources (573 kt @ 1.63% Ni & 1.19%Cu & 2.34g/t Pt+Pd in resource, see Figure 11) on prospective ultramafic geology that extends for a strike length of 20km through the TMB project area.

The greenstone belt that runs from Laverton through Regis Resource's gold deposits continues into the Achilles project.

Regis Resource's Duketon North gold project, located 100km south of Achilles and contains a resource of 798,000oz Au.



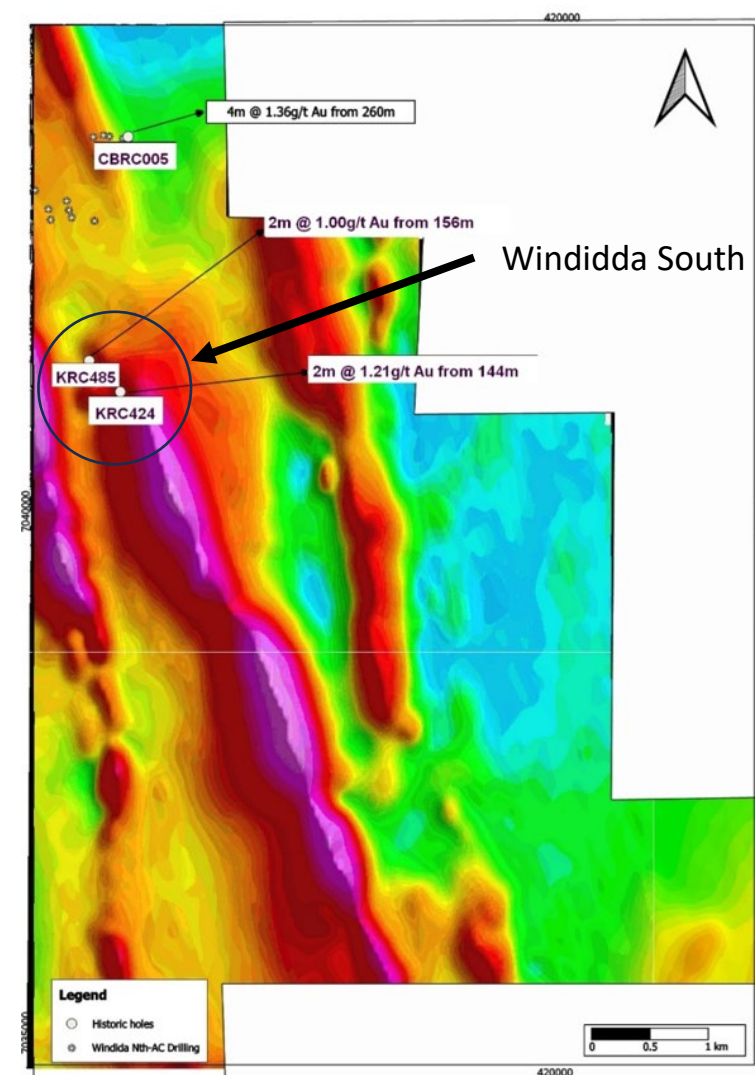


# Achilles Nth Au-REE

REE air-core drilling completed at Windidda South in 2023. The historic shallow Total Rare Earth Oxides (TREO) assay grades in saprolite clays were identified in Gold exploration drilling.

The company completed an Airbourne Magnetic survey in 2023.

The results of the “Xcite™ system (Electromagnetics and Magnetics)” identified potential paleo channels at the Windidda South location.



Achilles Nth drill holes on magnetic image

# Proposed Gold Work Programs 2024 / 2025

Projects	CY2024	Q1 /Q2 CY2025
<b>Tambourah - Au</b>	<ul style="list-style-type: none"> <li>Diamond drilling assay results</li> <li>Prepare &amp; Process drill plans at Alexandria Prospect</li> </ul>	<ul style="list-style-type: none"> <li>RC and Diamond drilling at Alexandria Prospect</li> <li>\$180,000 EIS co-funding</li> </ul>
<b>Bryah Basin – Au</b>	<ul style="list-style-type: none"> <li>Mapping and sampling</li> <li>Gold target generation</li> </ul>	<ul style="list-style-type: none"> <li>Proposed drill program</li> </ul>
<b>Cheela Gold - Au</b>	<ul style="list-style-type: none"> <li>Prepare &amp; Process drill plans</li> <li>Heritage surveys planned</li> </ul>	<ul style="list-style-type: none"> <li>Proposed RC drilling program</li> </ul>
<b>Achilles – Ni-PGE</b>	<ul style="list-style-type: none"> <li>Resampling of pulps for gold (Au)</li> <li>Mapping of potential paleochannels</li> </ul>	<ul style="list-style-type: none"> <li>Proposed drill program</li> </ul>
<b>Haystack Well &amp; Shaw River – Li</b>	<ul style="list-style-type: none"> <li>Interpretation of hyperspectral data (R&amp;D – CSIRO research collaboration)</li> <li>Fieldwork following up magnetic survey</li> </ul>	<ul style="list-style-type: none"> <li>Ground truthing hyperspectral survey and identify drill targets</li> </ul>
<b>Julimar Nth – Ni-PGE-Cu</b>	<ul style="list-style-type: none"> <li>Resampling of pulps for Au and PGE's</li> <li>Magnetic Survey Interpretation</li> </ul>	<ul style="list-style-type: none"> <li>SQM to continue earn-in.</li> </ul>

# Summary

## Gold & Critical Minerals

- ✓ Exploration for Gold is advancing rapidly.
- ✓ Diamond Drilling results from Worlds Fair, Federal and Tambourah King prospects to be announced shortly.
- ✓ \$180,000 EIS co-funding for diamond drilling at Tambourah recently awarded.
- ✓ Julimar Nth assay results for gold and PGEs
- ✓ Work at Bryah Basin Au-Cu project has commenced, advanced gold targets identified.
- ✓ Beaty Park historic drilling targets identified.
- ✓ Proposed RC gold drilling at Cheela gold project.
- ✓ Proposed RC gold drilling program at Achilles.





# Tambourah

## Metals Ltd

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