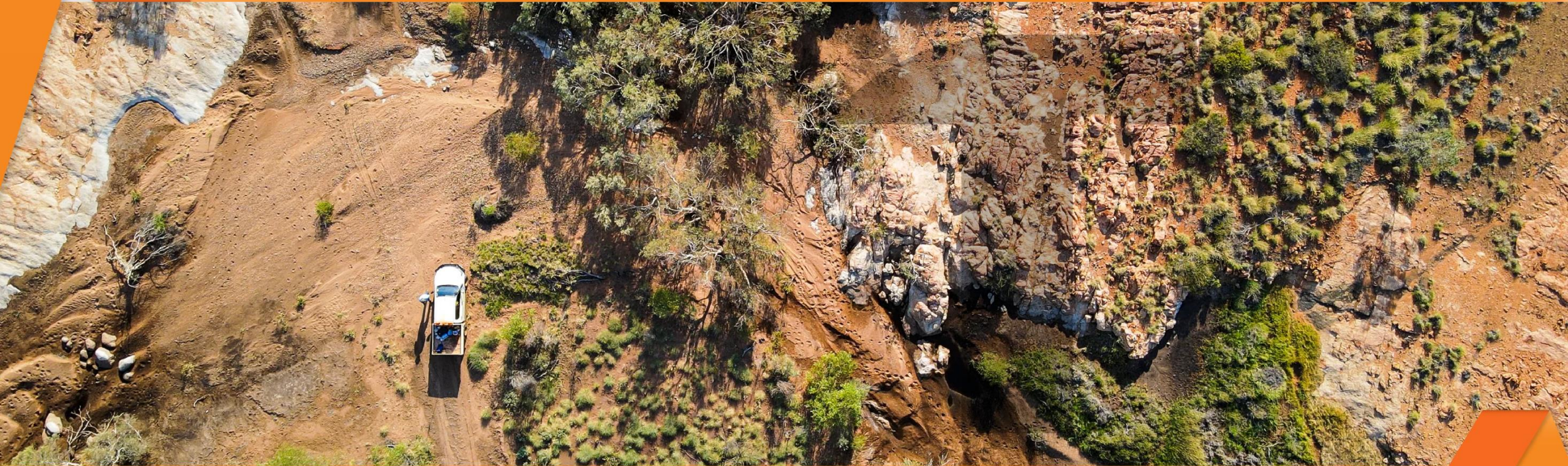


Tambourah

— Metals Ltd —

Webinar October 2024



ASX: TMB

tambourahmetals.com.au

October 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: 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

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

Share Price - 1st Jan 2023 – 3rd Oct 2024

TMB \$0.034



1. Cash on hand as at 30/06/2024

Corporate Snapshot

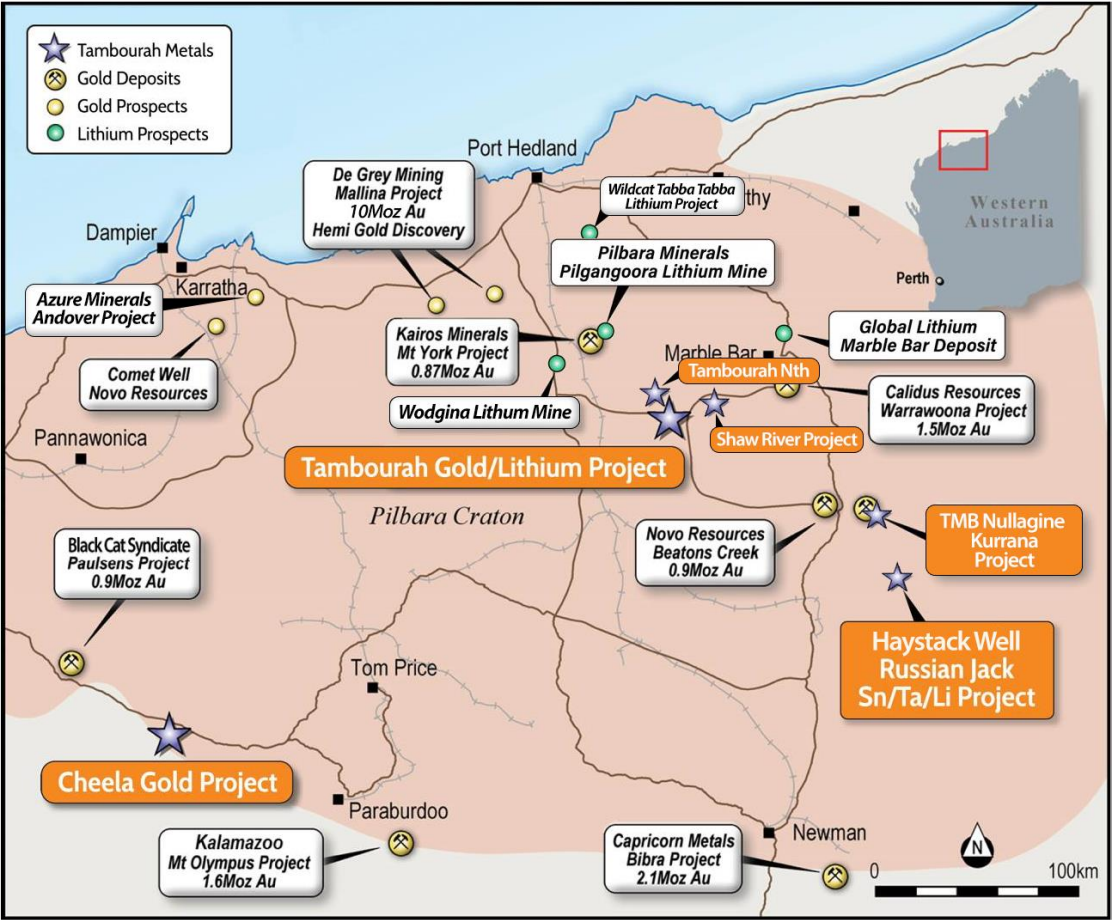
Share Price (03/10/2024)	\$0.034
Share Capital (ASX:TMB)	92.3m
Unlisted Options (25c, 30c)	28.1m
Market Capitalisation	\$3.14M
Cash ¹	\$2.3m
Debt	Nil

Pilbara Region of Western Australia

Tambourah Metals Gold and Critical Mineral Projects

Tambourah	➔	Gold
Cheela	➔	Gold
Shaw River	➔	Tin-Tantalum-Lithium
Coondina	➔	Tin & Rare Earths
Russian Jack	➔	Lithium
Haystack Well	➔	Lithium-Tantalum

Tambourah Project Locations – Pilbara Region



Exploration Progress



- Tambourah Metals Ltd is developing advanced Gold and Critical Minerals projects in Western Australia.
- Tambourah Metals has consolidated the entire historic Tambourah goldfield in the Pilbara.
- The goldfield has over 20 historic goldmines and prospects over 3km of strike which produced an ounce of gold per ton.
- Historical production of 5,445t ore produced 148.9kg of Gold.
- 2023 RC drilling program confirmed high grade lodes and associated wide intercepts:
 - 2m at 18g/t Au - 1m @ 28g/t
 - 5m at 6.1g/t Au
 - 22m at 1.38g/t Au
- Tambourah RC/DD drilling program commenced ~August 25th, 2024.
- In the Ashburton, Cheela air-core drilling confirmed gold reported in historic drilling and follow up RC drilling will be completed in Q4.
- In the Bryah Basin data compilation is continuing at the Neptune Au/Cu Project.
- SQM have completed drilling at the Mogumber project (LCT, base and precious metals) as part of the Julimar Nth project. TMB has an earn-in agreement with SQM, one of the largest lithium producers globally.

Tambourah Gold Project

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

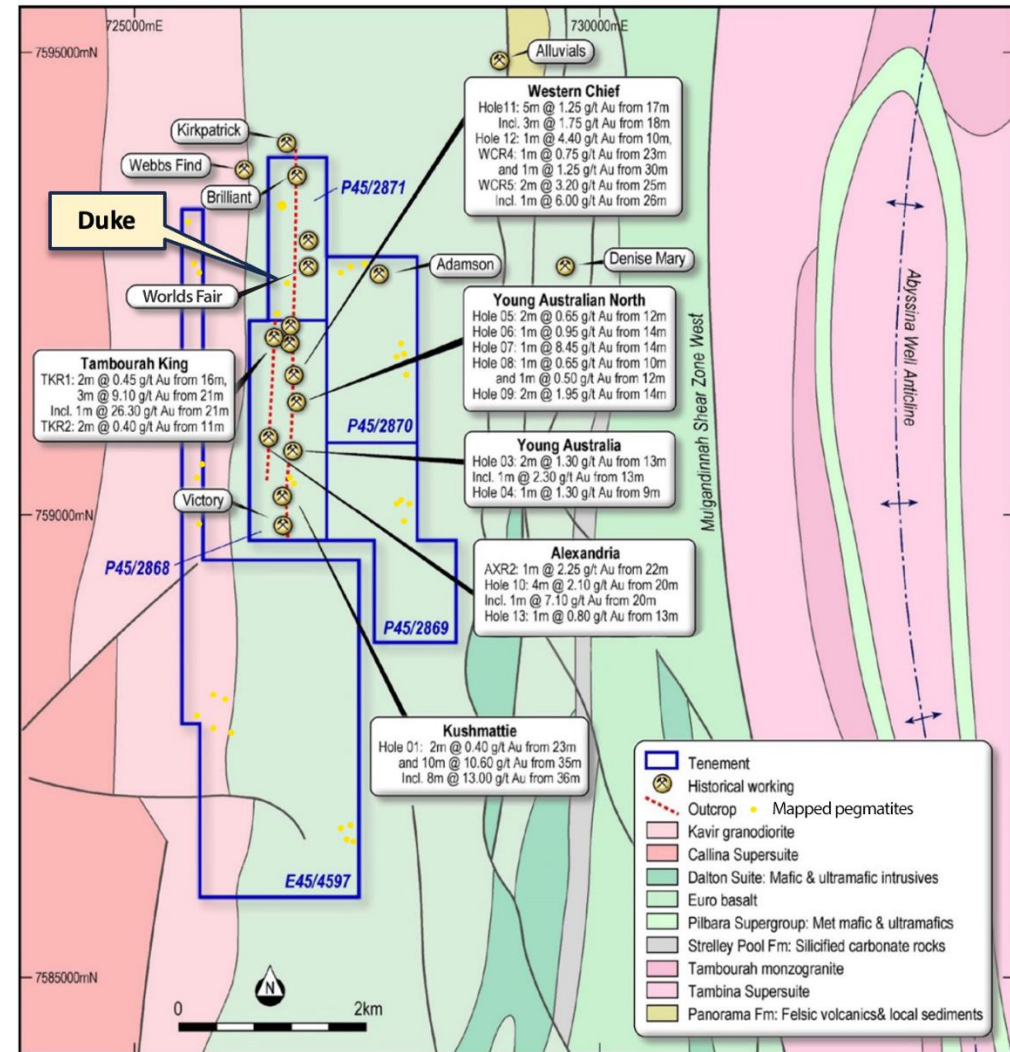
Drilling in 2023 at Tambourah King confirmed significant results of up to 28g/t Gold including:

- 2m @ 18.0g/t Au from 55m (TBRC026) –
 - Incl 1m @ 20.2 g/t Au from 55 - 56m
- 5m @ 6.1 g/t Au from 69m (TBRC026) –
 - Incl 1m @ 28 g/t Au from 70 – 71m

October 2024 New RC drill targets confirmed intrusion related gold systems defined by EM. The Drilling result include:

- 5m at 2.02g/t Au from 53m (TBRC042)
 - Incl 1m @ 3.35g/t Au from 54m
- 6m at 2.05g/t Au from 18m (TBRC043) –
 - Incl 1m @ 4.61 g/t Au from 23m and
 - 1m @ 5.89g/t Au from 23m (TBRC044)

* Duke results ASX release 17th October

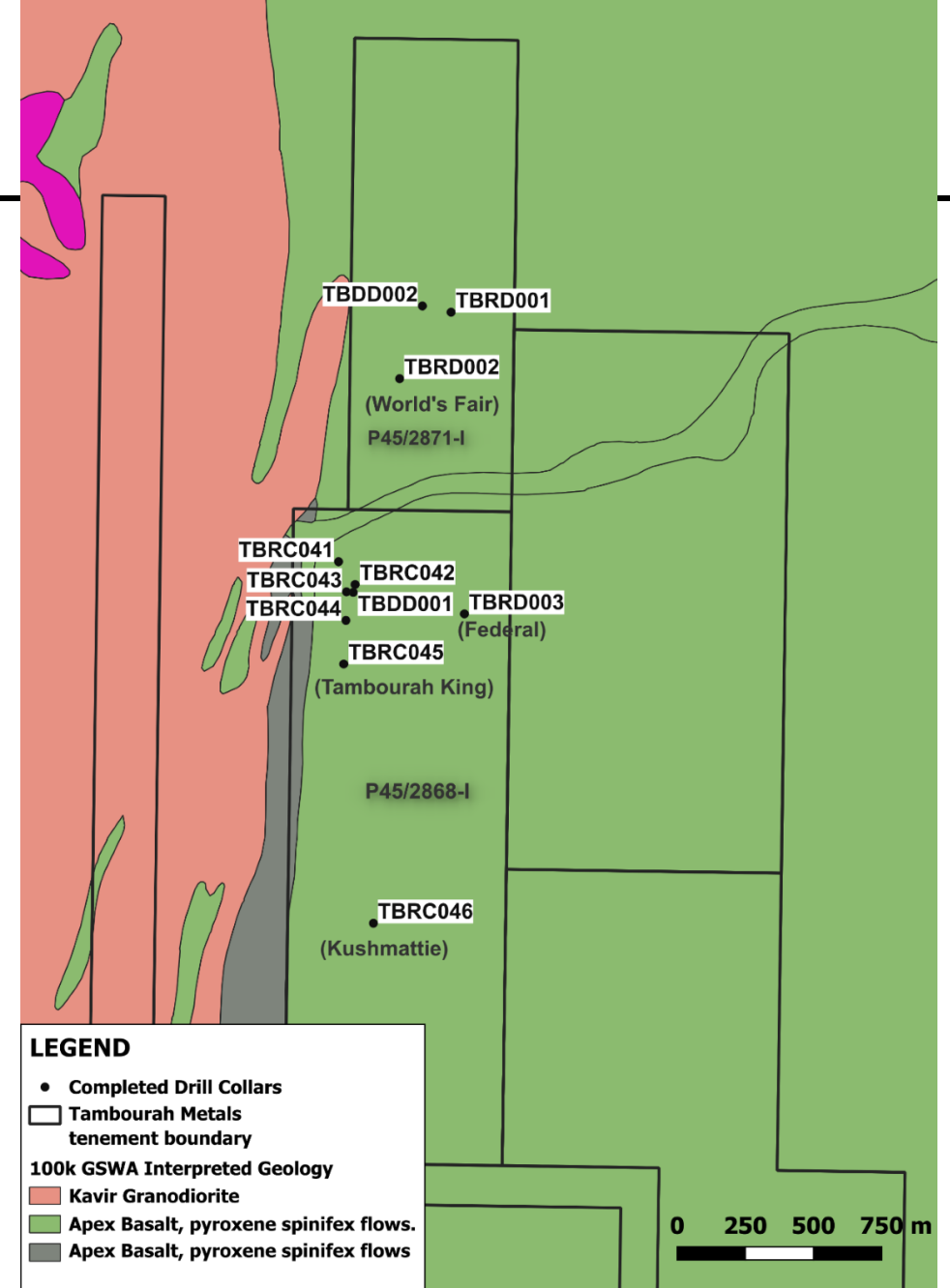


Location of Tambourah Historic Gold Mines

Tambourah Gold Project

Tambourah King

- Extensive shallow workings along line of lode, demonstrated high-grade lodes associated with wide halo of low-grade mineralisation.
- Limited drilling below 60m vertical
- Recent drilling planned to test and extend along strike.
- Drilling is targeting the high-grade lode gold down-dip and down plunge from existing drill intersections.
- RC and diamond drilling combined will identify potential structural control on the high-grade shoots.



Tambourah Gold Project

Drilling completed September 28th 2024

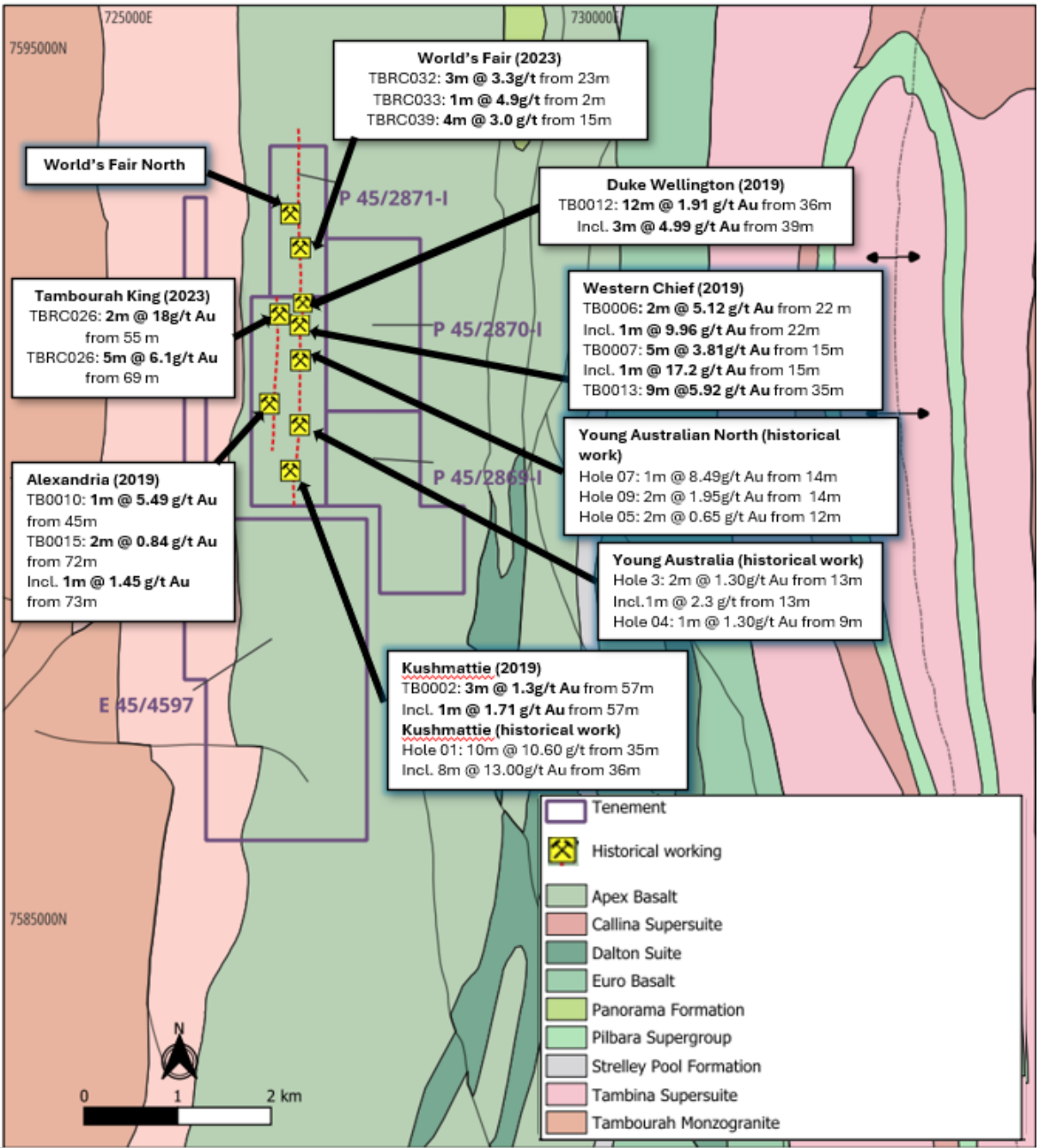
- Tambourah drilling proved the gold prospects extend over 3km strike.
- The main focus of the diamond drill program is to test the depth/strike extensions at the World's Fair, Tambourah King and the Federal prospects for intrusion-related and lode gold mineralised systems.
- The gold mineralisation has been identified in several settings.
- Historically the old prospectors mined the gold in quartz lodes and we have now identified several other types of mineralisation including gold in the granite at World's Fair.



Tambourah Gold Project

Gold mineralisation at the Tambourah Project occurs in steeply dipping pyritic quartz reefs and veins and recently recognised granite-hosted vein systems.

Gold was mined around the turn of the 20th century from the Tambourah and Western Shaw mining centres (Van Kranendonk, 2003). The bulk of the production came from Western Chief and nearby World's Fair mines (McCrow, 2008). Total gold production (alluvial and dollied) from the Tambourah mining centre is reported as 163.2 kg (5,247 oz) (Hickman, 1983).¹



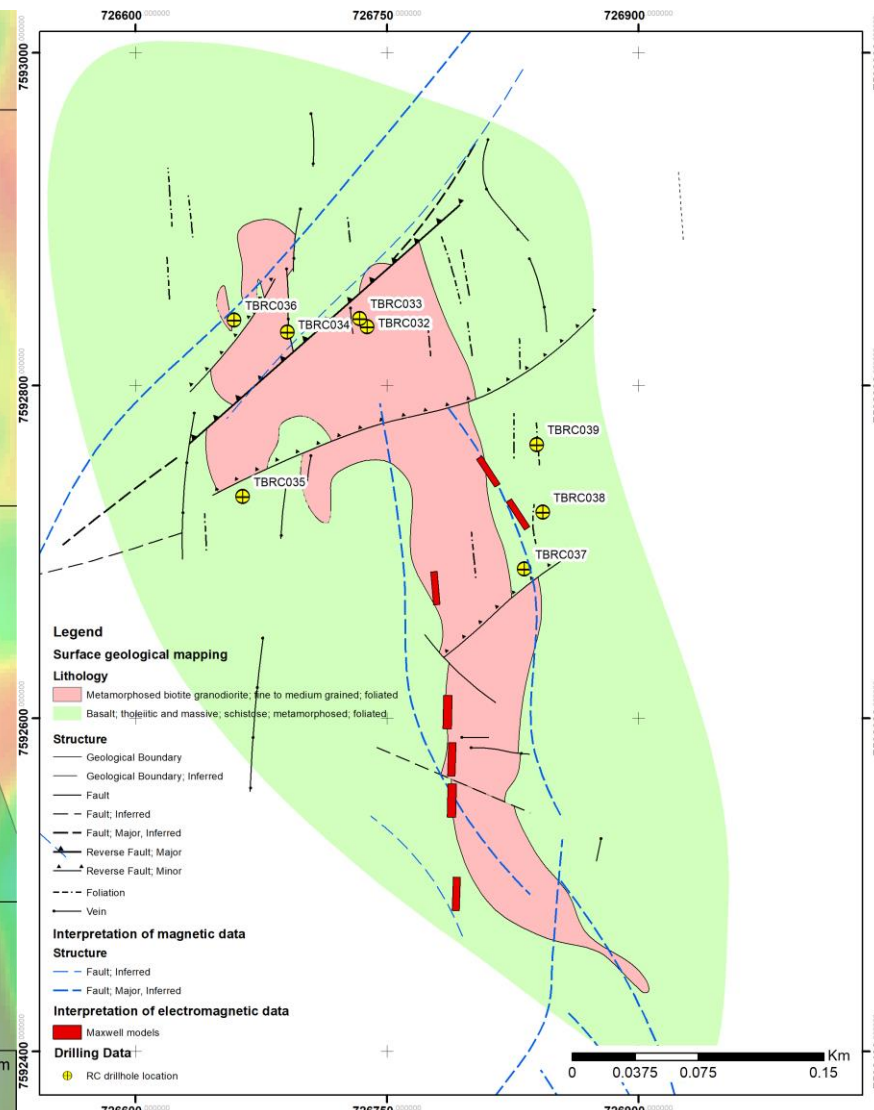
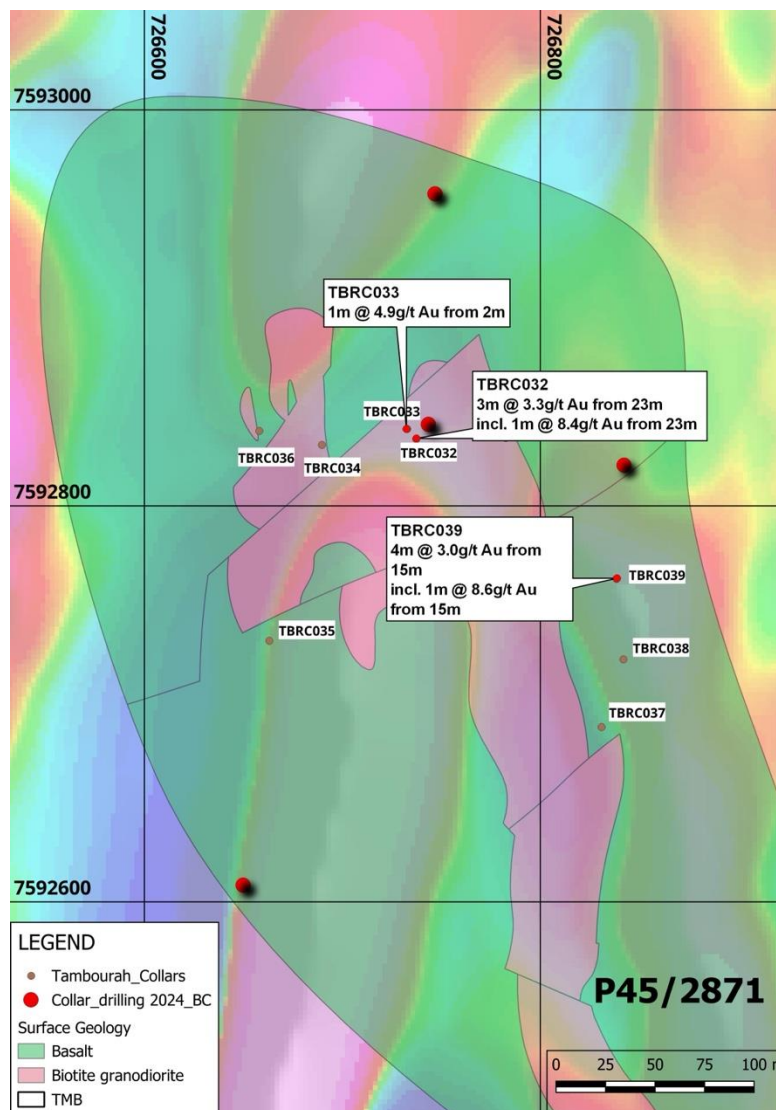
1. Tambourah Metals Ltd. (2021). Geology report. In TMB Prospectus (p. 18).

Tambourah Gold Project – Worlds Fair

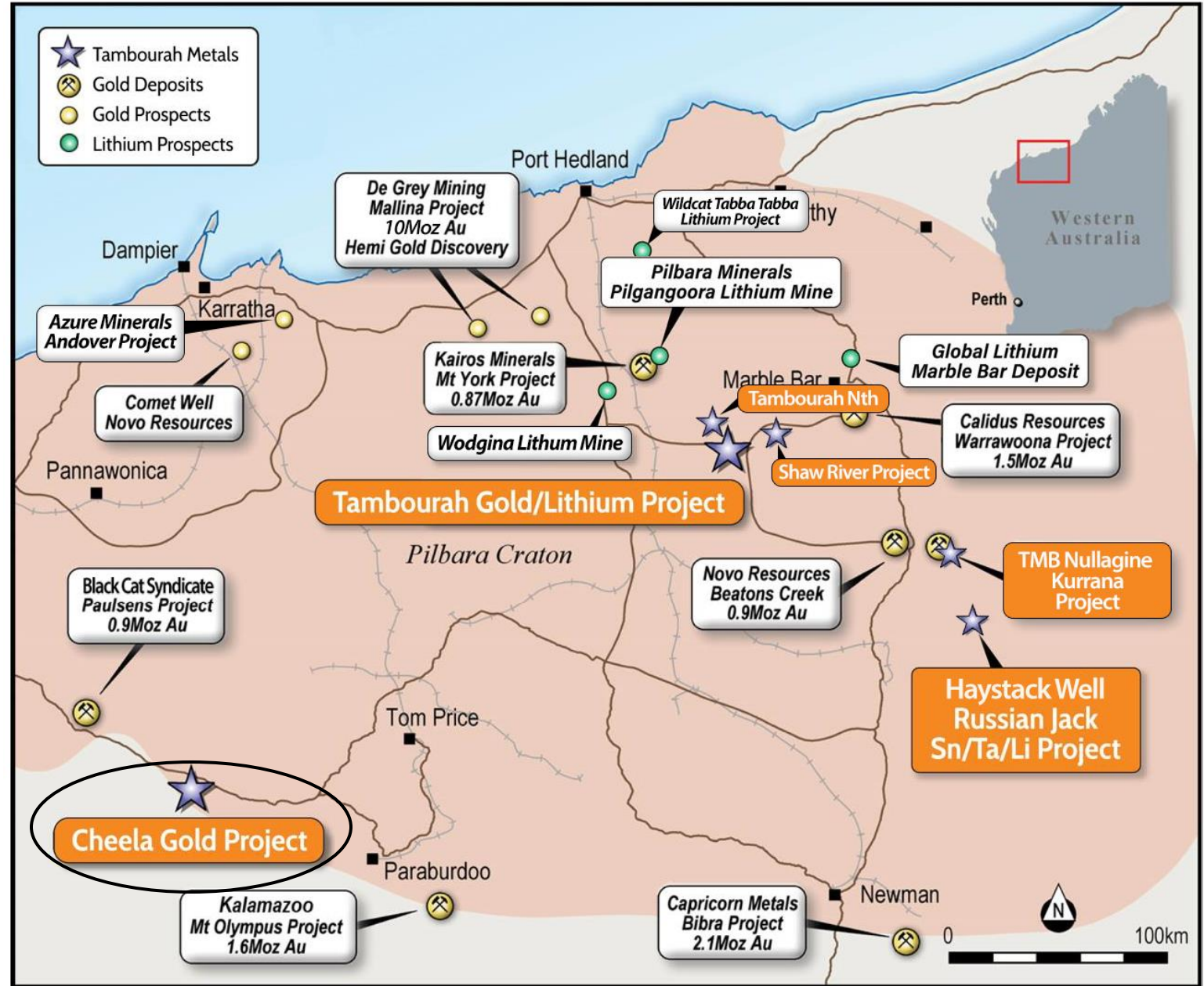
Tambourah Metals Ltd received positive initial drill results from the World's Fair gold prospect, confirming gold analyses up to 8.4 g/t Gold including:

- 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

The 2024 drilling is an opportunity to identify extensive and previously overlooked intrusion-related gold system.



Cheela Project Location



Cheela Drill Program

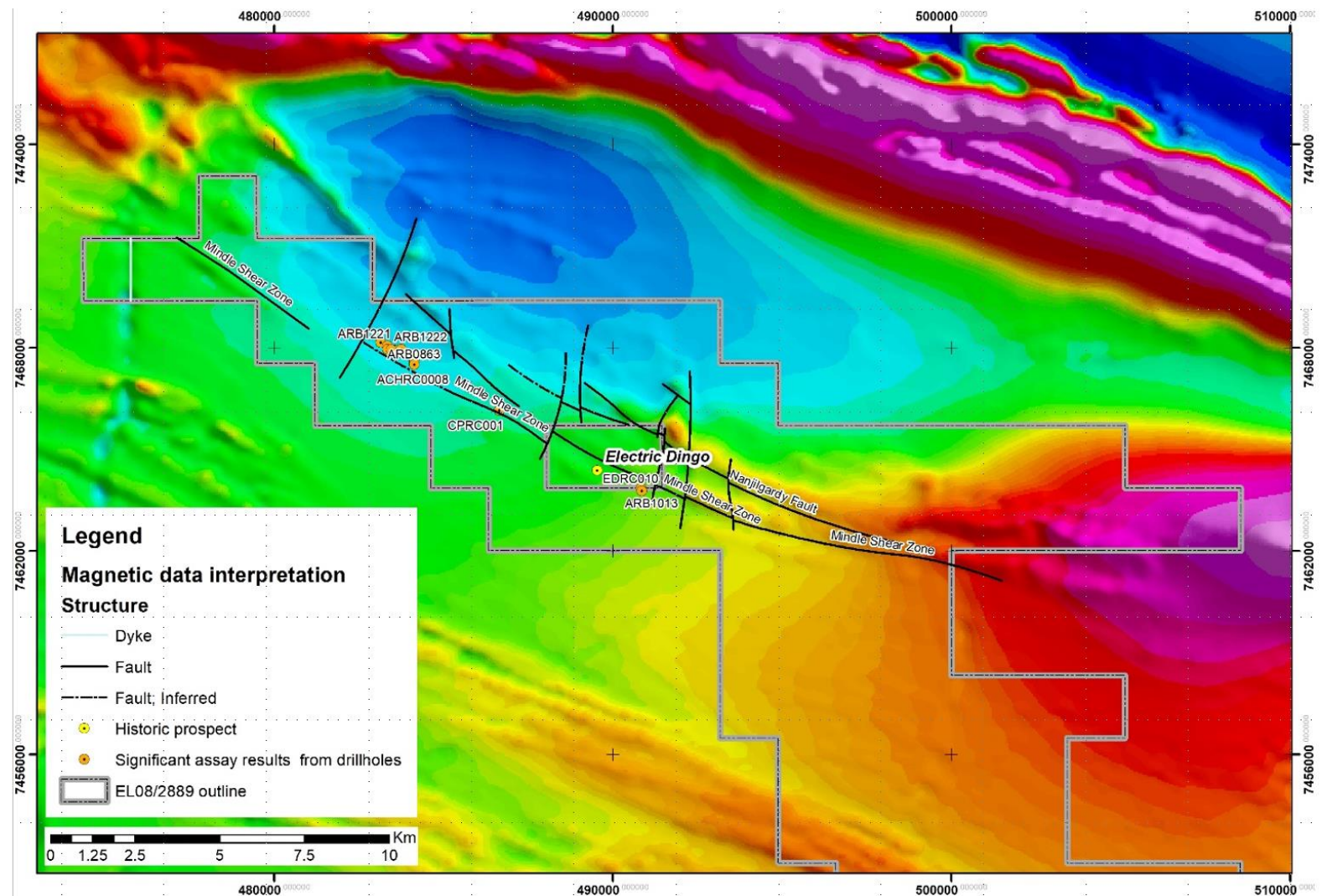
Cheela is located 70km northwest of Paraburdoo and adjacent to the Paraburdoo-Nanutarra Road.

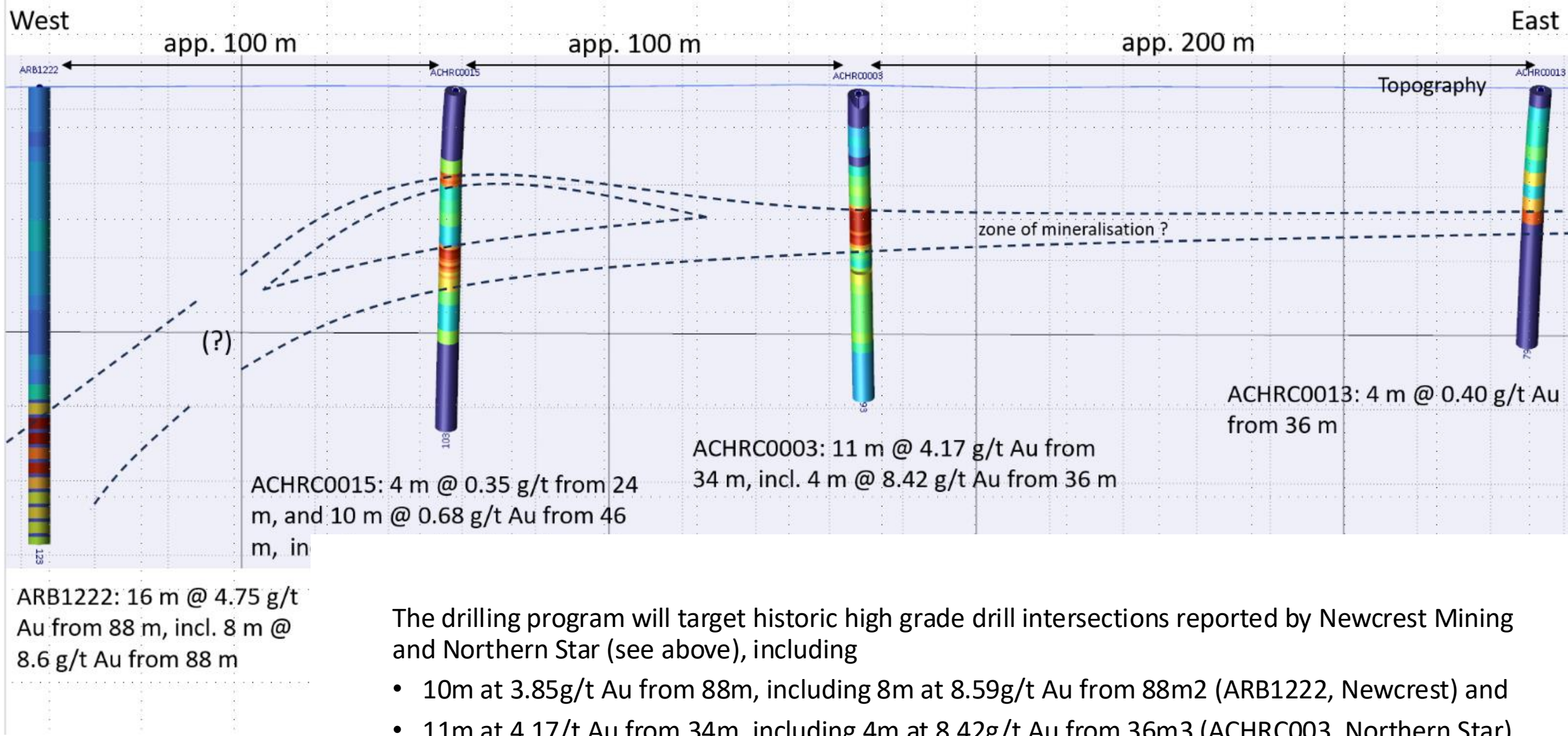
Cheela prospect targeted historic gold intersections including:

- 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.



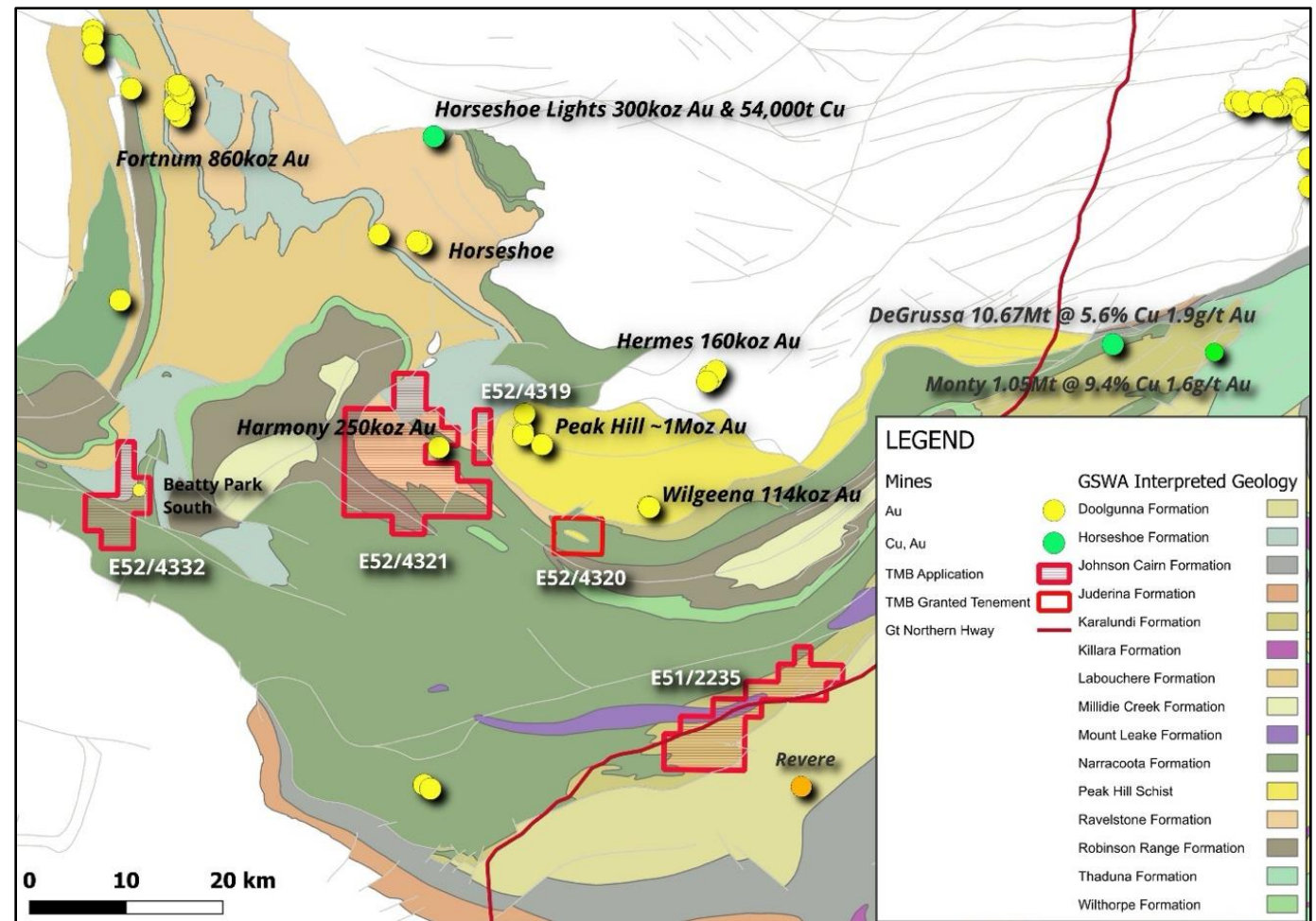


The drilling program will target historic high grade drill intersections reported by Newcrest Mining and Northern Star (see above), including

- 10m at 3.85g/t Au from 88m, including 8m at 8.59g/t Au from 88m² (ARB1222, Newcrest) and
- 11m at 4.17/t Au from 34m, including 4m at 8.42g/t Au from 36m³ (ACHRC003, Northern Star).

Bryah Cu-Au project

- Located 150km from north of Meekathara
- E52/4320, within the Bryah Basin and 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.
- Tambourah tenement applications include E52/4321, partially surrounding the 250 000oz Au Harmony mine and historic gold prospects at Baxters South.
- E52/4332 Beatty Park South has recently been approved and field activities will commence shortly.
- Extensive historic dataset including electromagnetic and gravity surveys, AC, RC and diamond drilling to be reviewed.



Bryah Basin Location Map

Beatty Park Au prospect

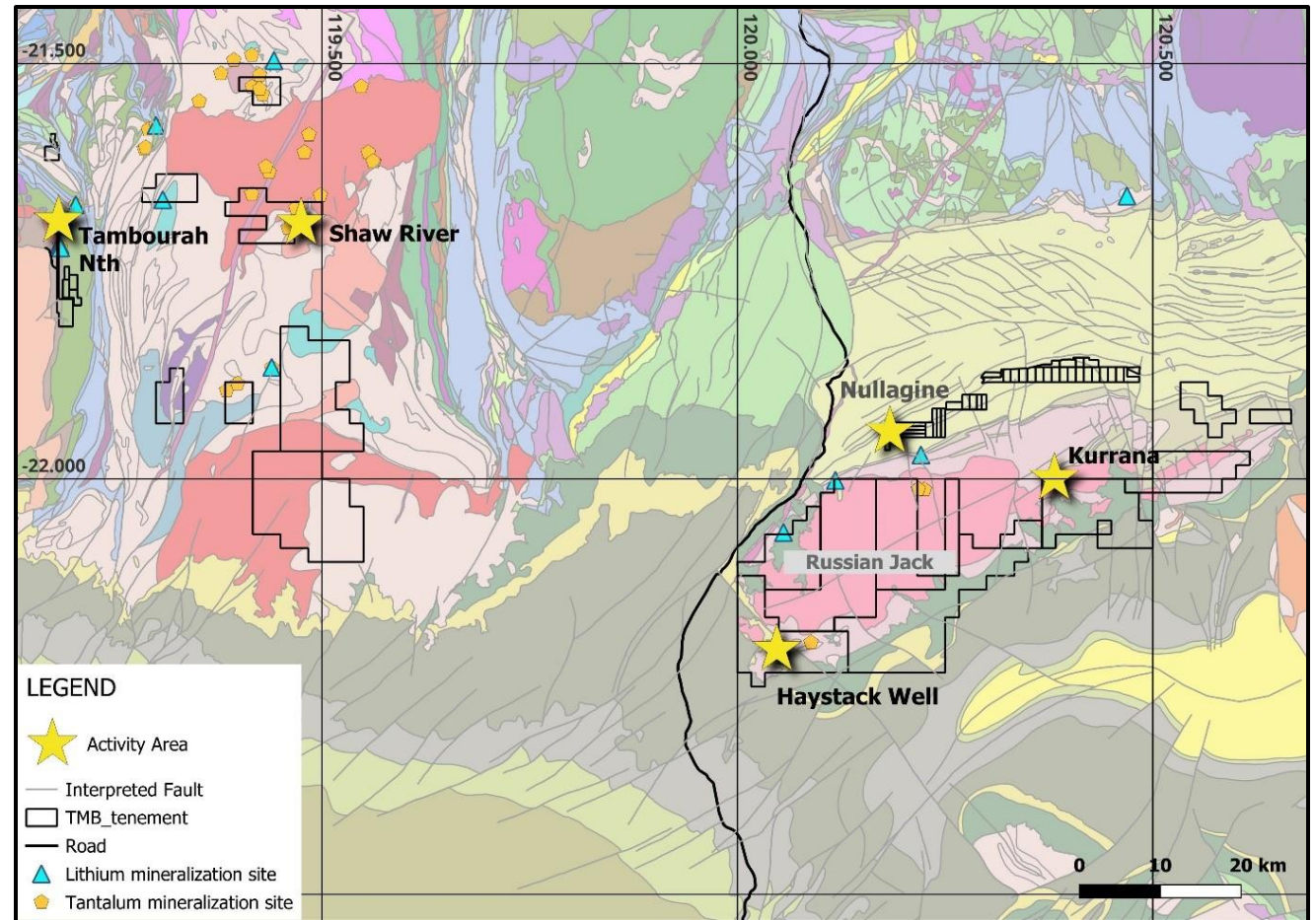
- Located on upper contact Narracoota Fm. Primary target for gold mineralisation in the Bryah Basin.
- Historic drilling intersected high-grade gold up to 5m at 22.92g/t Au in highly altered mafic-ultramafic rocks of the Narracoota Fm below a contiguous gold in soil anomaly.
- Follow up will include 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

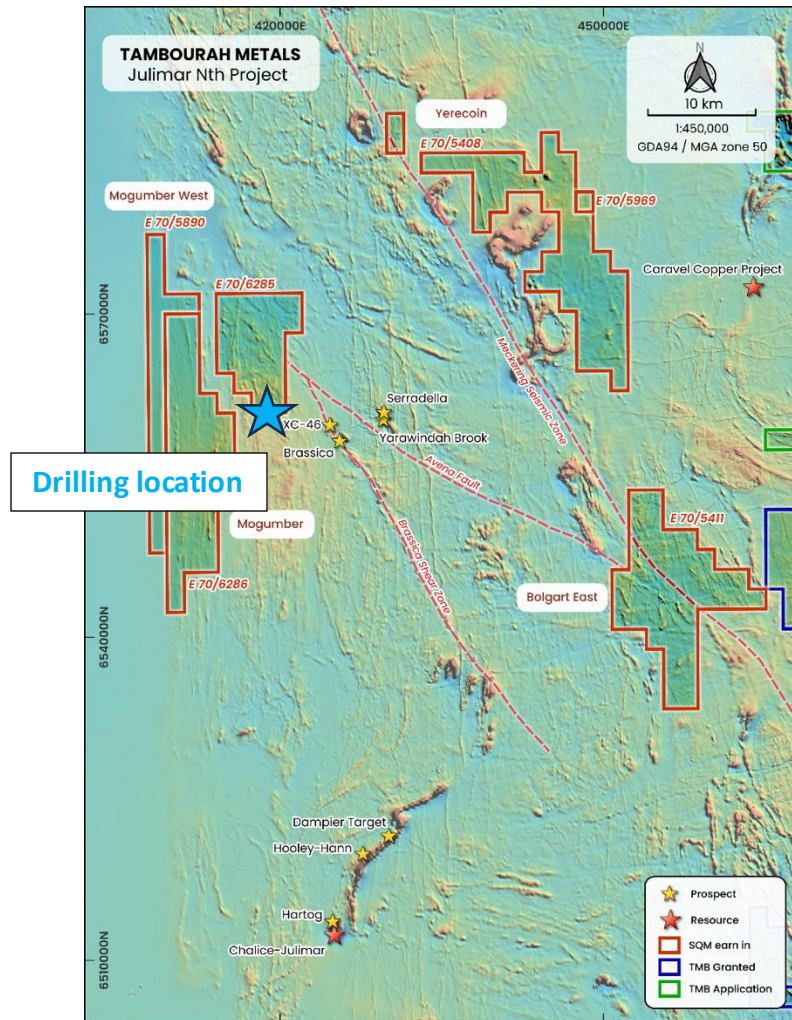
Pilbara – Critical Minerals Projects

- Despite low prices investment in Lithium exploration and development remains strong as evidenced by RIO spending \$9 billion AUD
- 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% Li₂O.
- Hyperspectral data has been acquired covering the Haystack Well and Shaw River projects.
- Samples from Shaw River reported up to 4823ppm Li₂O (0.48% Li₂O).



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.

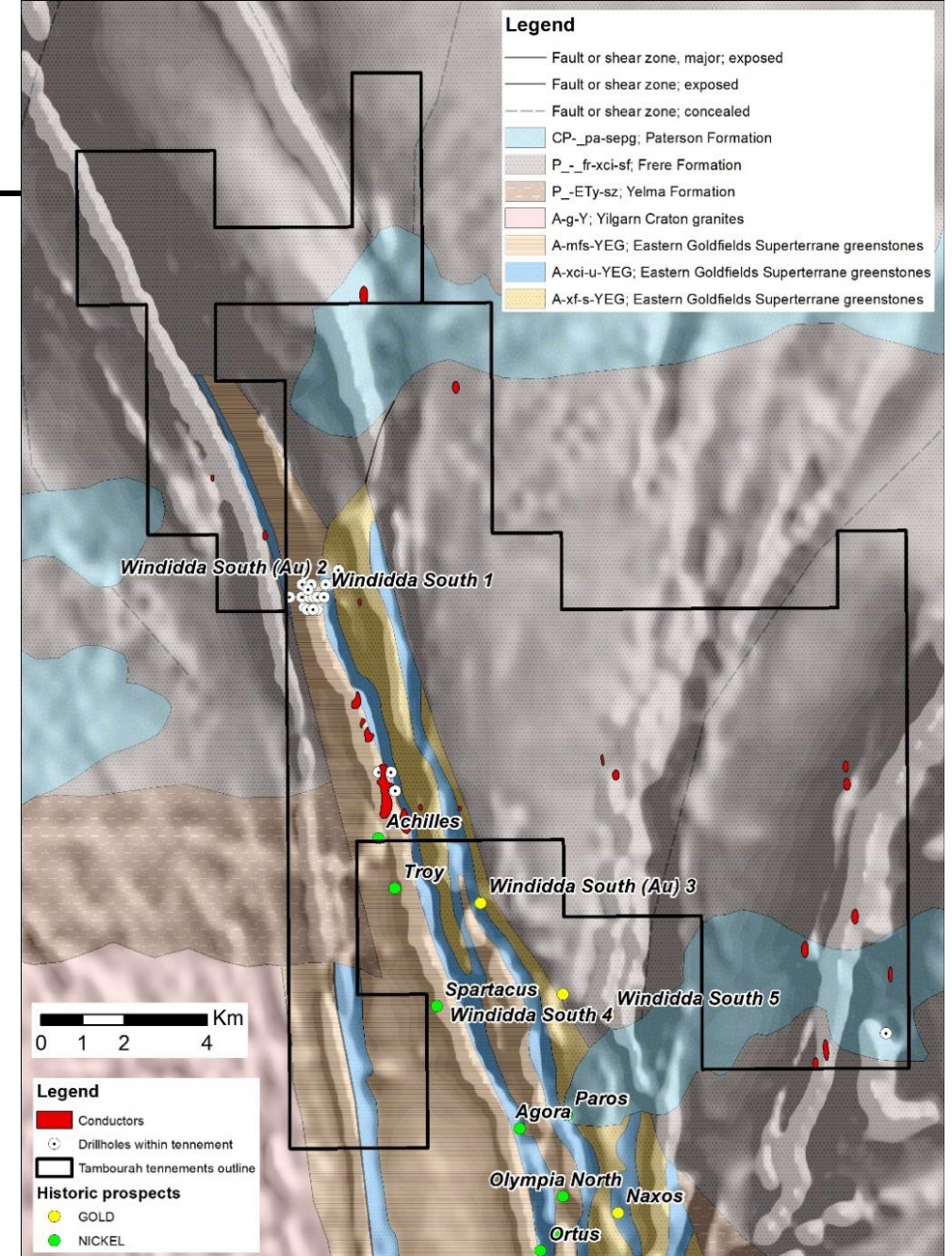
SQM are spending \$1.5M to earn 50% of the project.

Achillies 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 Achillies project.

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

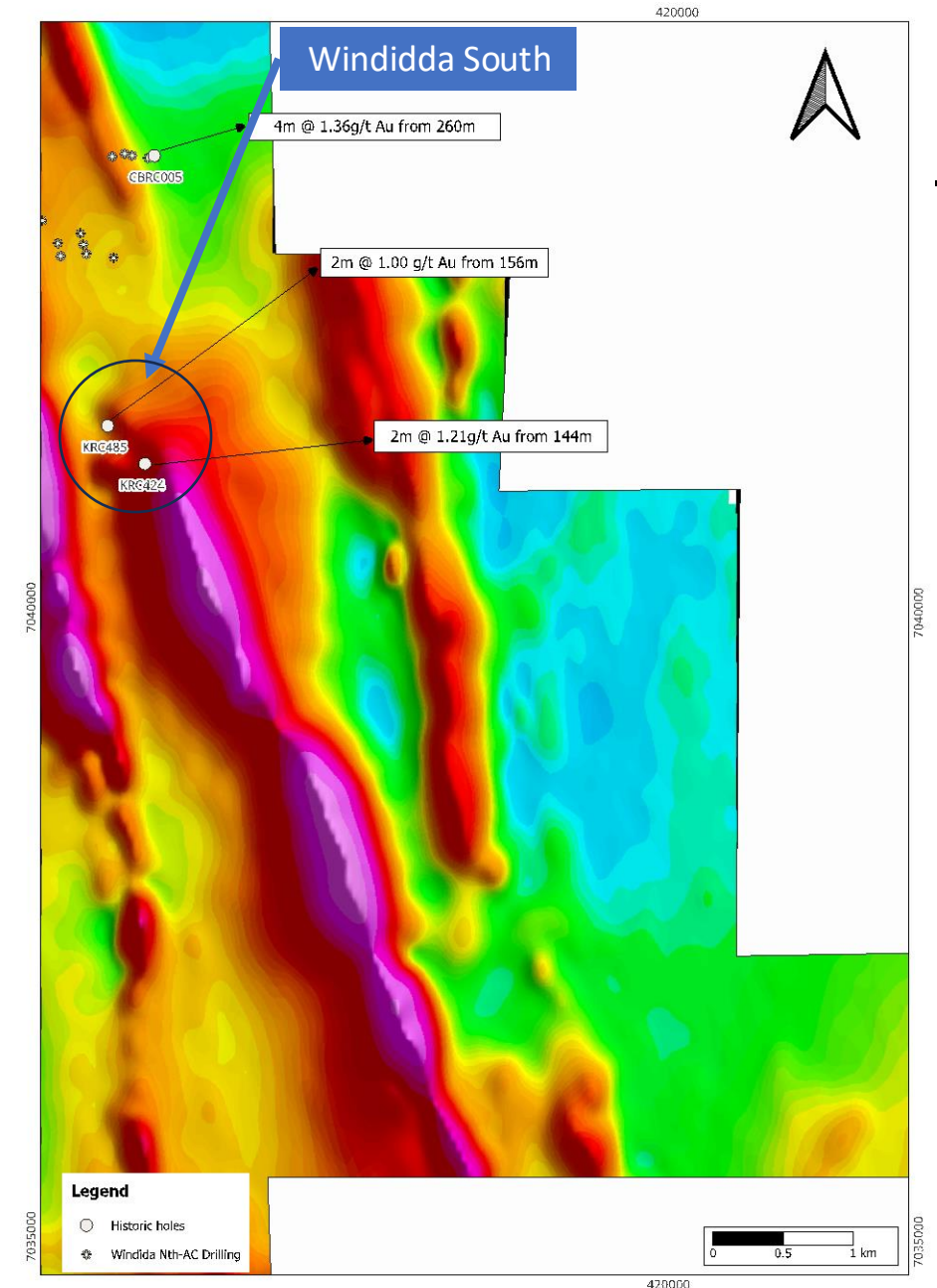


Achilles Nth Au-REE

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.



Proposed Work Programs 2024

Projects	August/September – CY2024	Q4 – CY2024	Q1 – CY2025
Tambourah - Au	<ul style="list-style-type: none"> Diamond & RC Drilling at Au Targets 	<ul style="list-style-type: none"> Assay results 	<ul style="list-style-type: none"> Prepare & Process drill plans at Tambourah King
Cheela Gold - Au	<ul style="list-style-type: none"> RC Drilling at Cheela gold prospects 	<ul style="list-style-type: none"> Complete RC drilling 	<ul style="list-style-type: none"> Extending Drilling & Soil Sampling program
Bryah Basin – Au	<ul style="list-style-type: none"> Gold targets-mapping and sampling 	<ul style="list-style-type: none"> Results of Sampling 	<ul style="list-style-type: none"> Proposed drill testing.
Achilles – Ni-PGE	<ul style="list-style-type: none"> EIS grant \$180k Data interpretation 	<ul style="list-style-type: none"> Access & mapping of paleochannels 	<ul style="list-style-type: none"> Aircore drilling
Russian Jack & Haystack Well – Li	<ul style="list-style-type: none"> Interpretation of hyperspectral data (R&D – CSIRO research collaboration) 	<ul style="list-style-type: none"> Fieldwork following up magnetic survey 	<ul style="list-style-type: none"> Process hyperspectral survey and identify drill targets
Julimar Nth – Ni-PGE-Cu	<ul style="list-style-type: none"> Drilling Results 3km Ta-Nb anomaly, resampling of pulps for Au and REE. 	<ul style="list-style-type: none"> Magnetic Survey Interpretation 	<ul style="list-style-type: none"> Follow up sampling program, target locations provide by SQM earn-in.

Summary

Gold & Critical Minerals

- ✓ Exploration for Gold is advancing rapidly.
- ✓ Work at Bryah Basin Au-Cu project has commenced, advanced gold targets identified.
- ✓ Julimar Nth results of sampling for gold and PGEs
- ✓ Drilling results from Worlds Fair, Federal and Tambourah King prospects to be announced shortly.
- ✓ Beaty Park historic drilling targets identified.
- ✓ RC drilling at Cheela gold project.
- ✓ Proposed gold drilling program at Achilles.



Tambourah

Metals Ltd

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