

Tambourah

— Metals Ltd —

Future Facing Commodities 2024



ASX: TMB

tambourahmetals.com.au

March 2024

Forward Looking Statements and Disclaimer

The information contained in this presentation is for informational purposes only and does not constitute an offer to issue, or arrange to issue, securities or other financial products. The information contained in this presentation is not investment or financial product advice and is not intended to be used as the basis for making an investment decision. The presentation has been prepared without taking into account the investment objectives, financial situation or particular needs of any particular person. Before making an investment decision, you should consider, with or without the assistance of a financial adviser, whether an investment is appropriate to your particular investment needs, objectives and financial circumstances.

No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. To the maximum extent permitted by law, none of Tambourah Metals Ltd (“or “the Company”), their directors, employees or agents, nor any other person accepts any liability, including, without limitation, any liability arising out of fault of negligence, for any loss arising from the use of the information contained in this presentation. In particular, no representation or warranty, express or implied is given as to the accuracy, completeness or correctness, likelihood of achievement or reasonableness or any forecasts, prospects or returns contained in this presentation nor is any obligation assumed to update such information. Such forecasts, prospects or returns are by their nature subject to significant uncertainties and contingencies.

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: 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: Multiple pegmatites confirmed at the RJ 101 Lithium project - 14/11/2022

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

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.

Company Overview



Corporate Overview

Rita Brooks
Executive Chairperson
BA(Ed)

- 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

Wayne Richards
Non-Executive Director
GAICD, BSc

- 30+ years' experience of study execution, project development, mining, mineral processing and corporate financing experience.
- Extensive Lithium exploration and project development knowledge.
- Previously Managing Director and Chief Executive Officer of Burley Minerals Ltd, and Executive Chairman and CEO of Tawana Resources.

Bill Marmion
Non-Executive Director
BEng

- 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)

- 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 – 13th Mar 2024



Corporate Snapshot

Share Price (13/03/2024)	\$0.09
Share Capital (ASX:TMB)	80.4m
Unlisted Options (25c, 30c)	14.0m
Market Capitalisation	\$7.2M
Cash ¹	\$2.9m
Debt	Nil

1. Cash on hand as at 13/03/2024

Investment Highlights



PILBARA GOLD

- Over 10 Million ounces of gold has been discovered in the last 10 years.
- Advanced Gold Projects in the Pilbara Tambourah, Cheela and Nullagine.
- Recent results at Tambourah Goldfield.
- Developing advanced gold mining projects in Tier 1 mining regions.



CRITICAL MINERALS

- Seven Lithium Projects in the Pilbara Region, which hosts two Tier 1 world class lithium mines
- Two exciting Ni PGE Cu Au projects at Julimar North and Achilles in the NE Goldfields
- New Lithium Exploration Project at Lake Johnson SE



KEY FUNDAMENTALS

- Experienced Board and Management
- Strong business strategy to contribute to a growing demand for renewable energy resources.
- ESG principals (Environmental, Social, Community relation and Governance)

Pilbara Projects

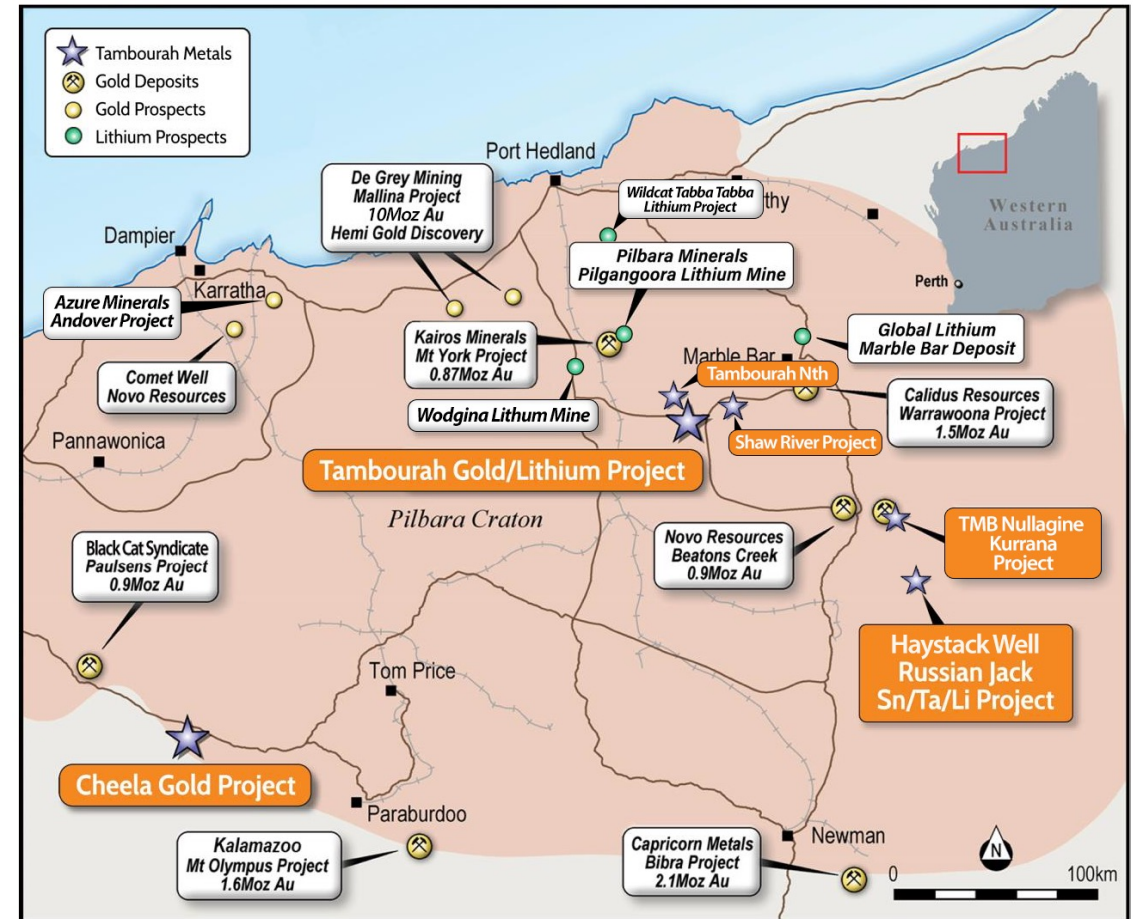


Pilbara Region of Western Australia

Tambourah Metals Gold and Lithium Projects

Tambourah	➔	Gold
Shaw River	➔	Tin-Tantalum-Lithium
Cheela	➔	Gold
Russian Jack	➔	Lithium
Haystack Well	➔	Lithium-Tantalum
Nullagine	➔	Lithium-Gold

Tambourah Project Locations – Pilbara Region



Tambourah Gold Project

Tambourah has completed a 2000m RC drill program in Sept 2023 following on from our March 2022 RC drilling program.

- Tambourah proved the gold prospects extend over 3km strike.
- The next drill program of 2,500m has been planned at Tambourah Goldfield.
- The main focus of the drill program will be to test the depth/strike extensions to the different types of the gold mineralised systems over several historic prospects.

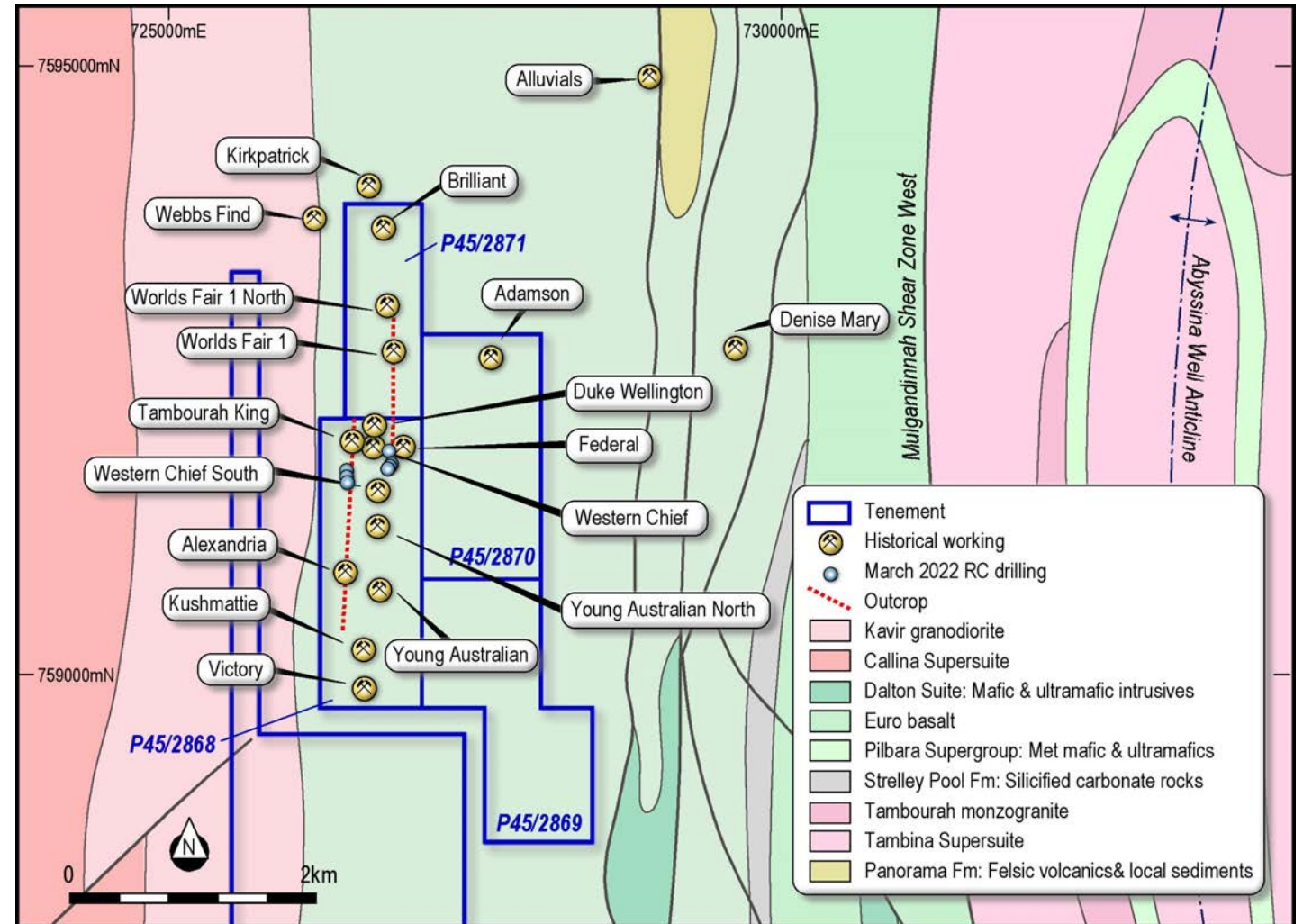


Tambourah Gold Project

Tambourah Metals Ltd drill results from 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

New drill targets defined by EM and planning is underway to test at Worlds Fair in Q2/Q3

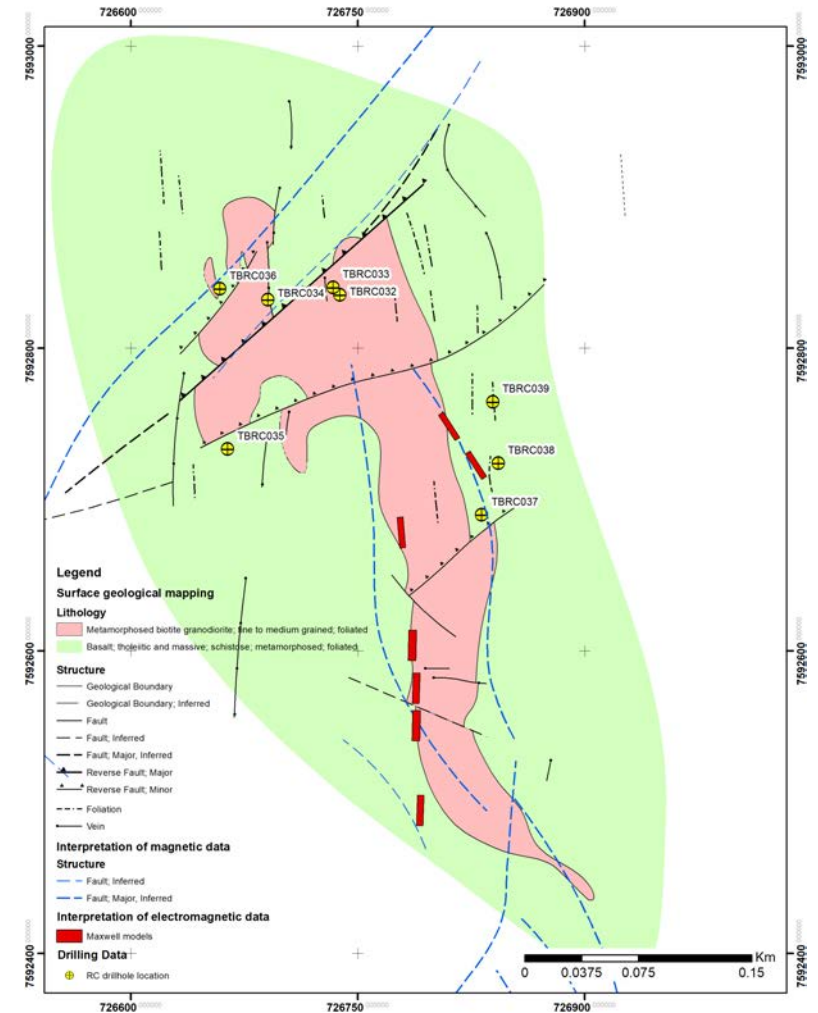


Location of Tambourah Historic Gold Mines

Tambourah 2023 Drilling Results

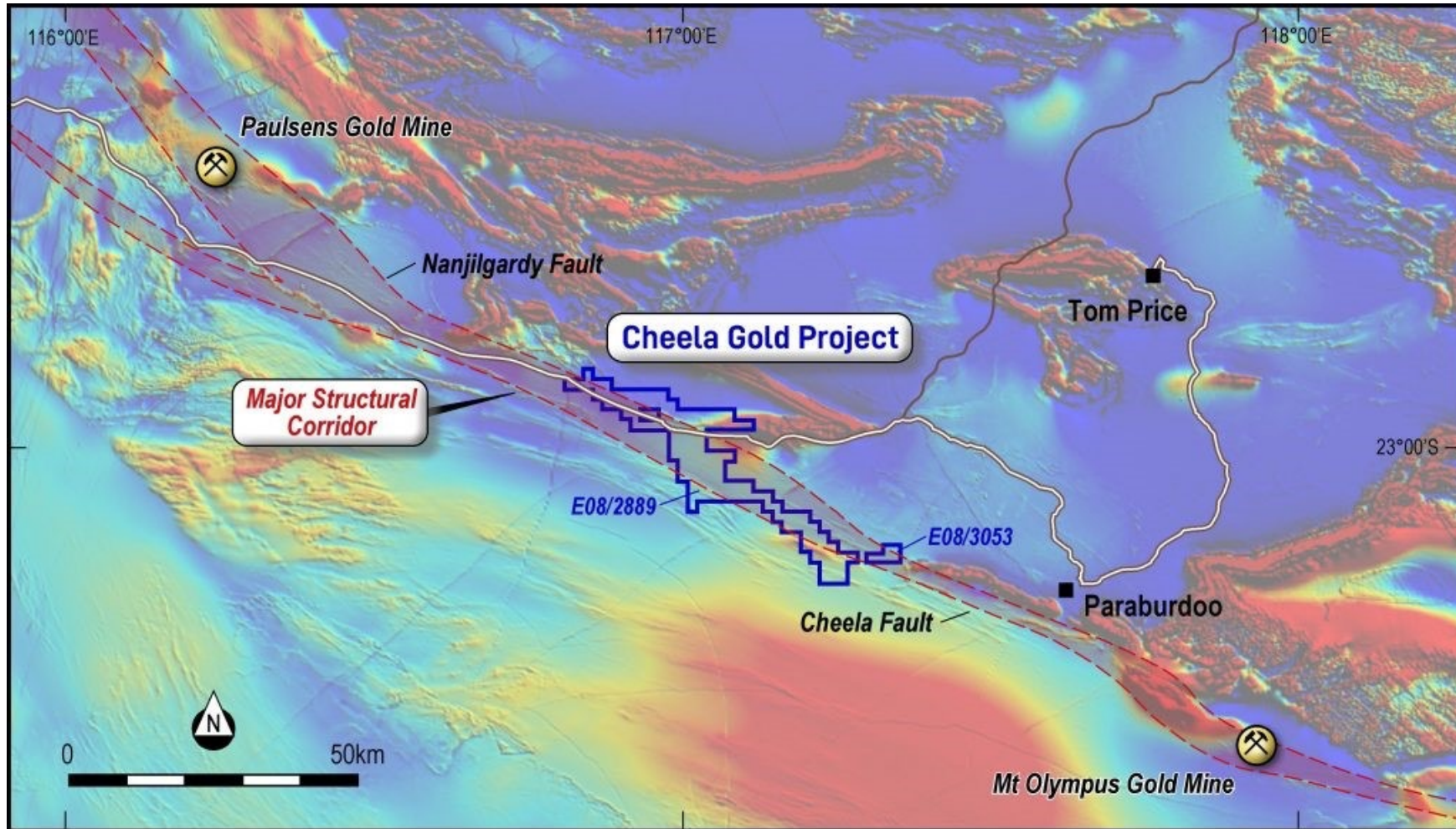
Prospect	Hole Id	From (m)	To (m)	Width (m)	Gold (g/t)
Tambourah King	TBRC024	38	40	2	2.6
	TBRC024	47	48	1	1.3
Tambourah King	TBRC026	55	57	2	18.0
	Including	55	56	1	20.2
	TBRC026	61	62	1	0.5
	TBRC026	69	74	5	6.1
	Including	70	71	1	28.0
World's Fair	TBRC032	23	26	3	3.3
	Including	23	24	1	8.4
World's Fair	TBRC033	2	3	1	4.9
World's Fair	TBRC039	15	19	4	3.0
	Including	15	16	1	8.6

Tambourah 2023 RC Drilling Significant Intersections
(>0.5g/t Au with 2m Internal waste)



Worlds Fair Proposed Drill Targets

Cheela Gold Project



Cheela Gold Project location on magnetic image

Cheela Gold Project

The Nanjilgardy Fault, includes three gold deposits.

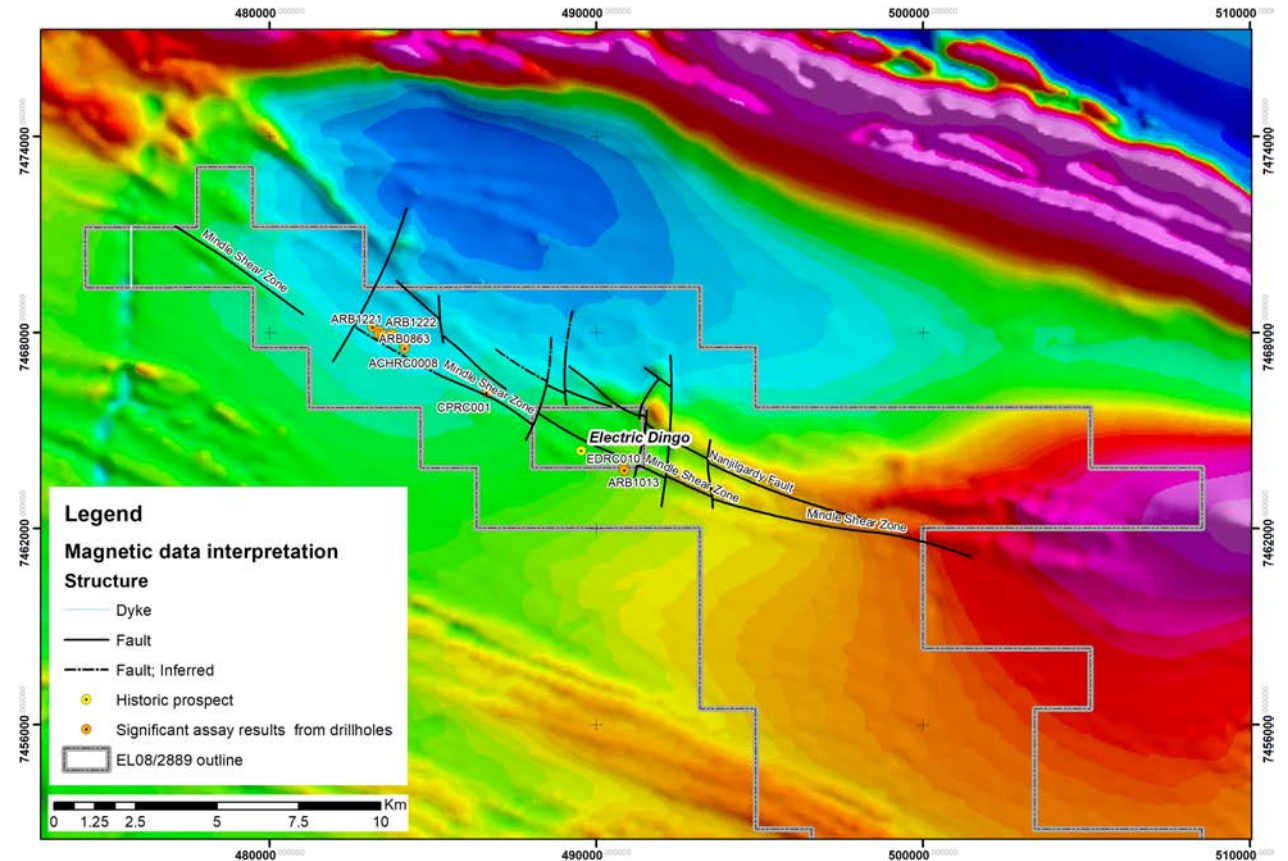
- Paulsens deposit
- The Mount Olympus deposit
- Karlawinda deposit

These gold deposits, both are endowed with >1 Moz (Fielding et al., 2017a, 2019).

The Mt Olympus (1.7Moz) is hosted by metasediments of the lower Wyloo Group, and the Paulsens Mine (1.1Moz) is hosted by folded metasediments of the Fortescue Group.

The Karlawinda Gold Project is the third gold mine located on the Nanjilgardy Fault, established by Capricorn Metals. It is one of Australia's lowest cost gold producers with a resource of 2.2Moz (ASX February 2024)

The Cheela Gold project covers 70kms of the Mindle shear and the Nanjilgardy Fault. Tambourah will be drilling the first of several gold targets in Q2.



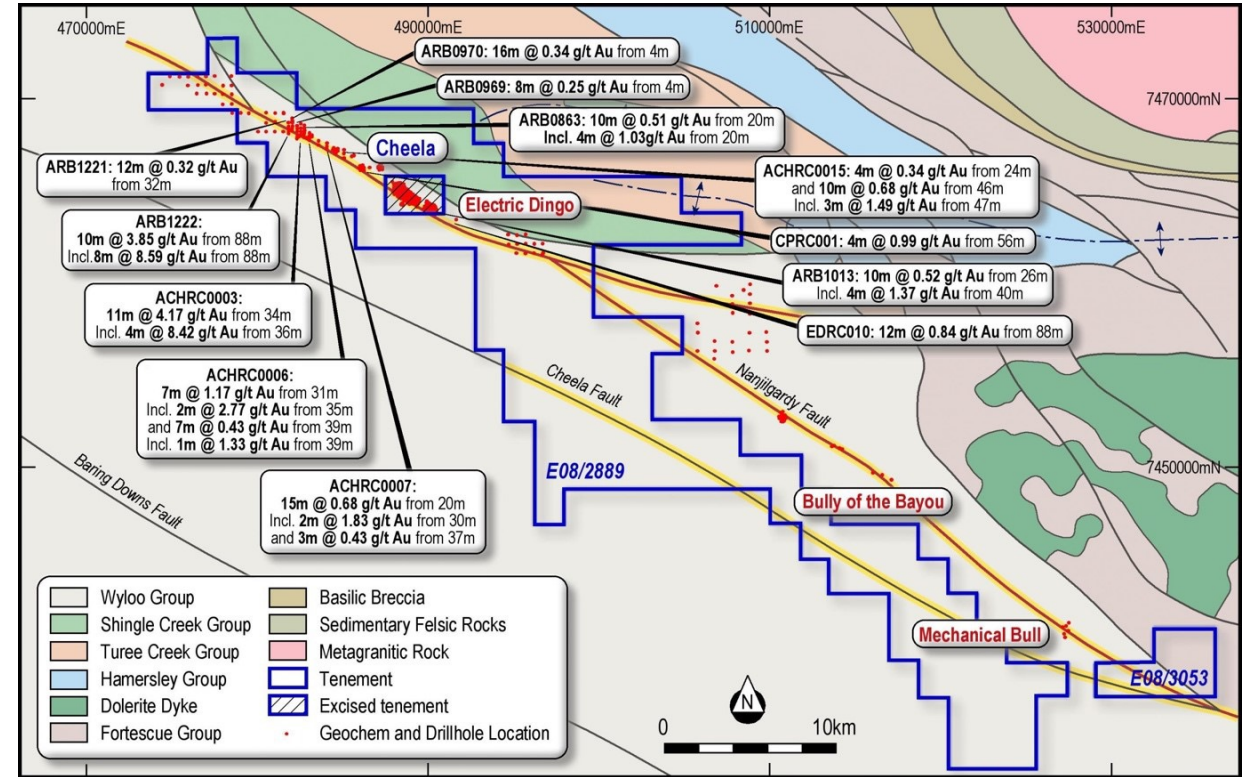
Historic drilling on aero-magnetics image

Cheela Gold Project

The Cheela Gold project is in the Ashburton district and it covers approximately 70km of the west-north-west trending Nanjilgardy Fault, a major crustal-scale structure associated with the Paulsens' and Mount Olympus gold deposits.

The North Dingo includes an historic high grade drill intersection of 8m at 8.6g/t Au from 88m (drillhole ARB1222)². This is included in our drill plan for Q2 at Cheela.

Historic exploration has defined significant gold mineralisation in drilling over a strike distance of approximately 2.5km. Tambourah has gold targets identified from historic data at Cheela North and the North Dingo prospects



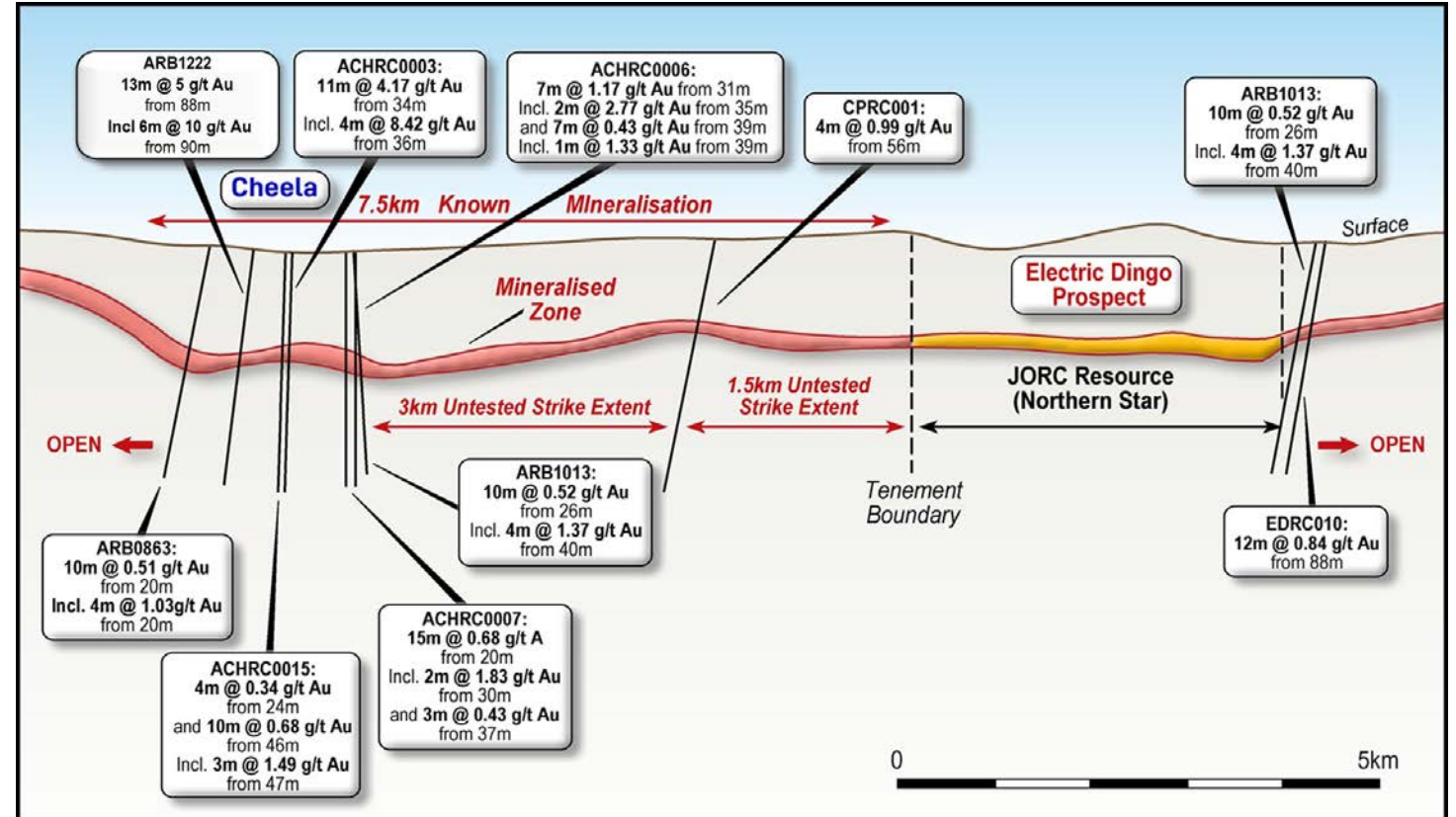
Cheela gold project, geology and historic drilling results

2. See Tambourah's prospectus dated 10th August 2021 (p29).

Cheela Gold Project

Significant Drill Intersections

- 13m @ 5g/t from 88m, including 6m @ 10g/t Au from 90m (ARB1222)
- 11 m @ 4.17g/t Au from 34m (ACHRC0003)
- 10m @ 0.52g/t Au from 26m, including 4m @1.37g/t Au from 40m (ARB1013)
- 15m @ 0.68g/t Au from 20m, including 2m @ 1.83g/t Au from 30m (ACHRC0007)
- 7m @ 1.17g/t Au from 31m including 2m @ 2.77g/t Au from 35m (ACHRC0006)
- 12m @ 0.84g/t Au from 88m (EDRC010)
- 10m @ 0.68g/t Au from 46m, including 3m @ 1.49g/t Au from 47m (ACHRC0015)

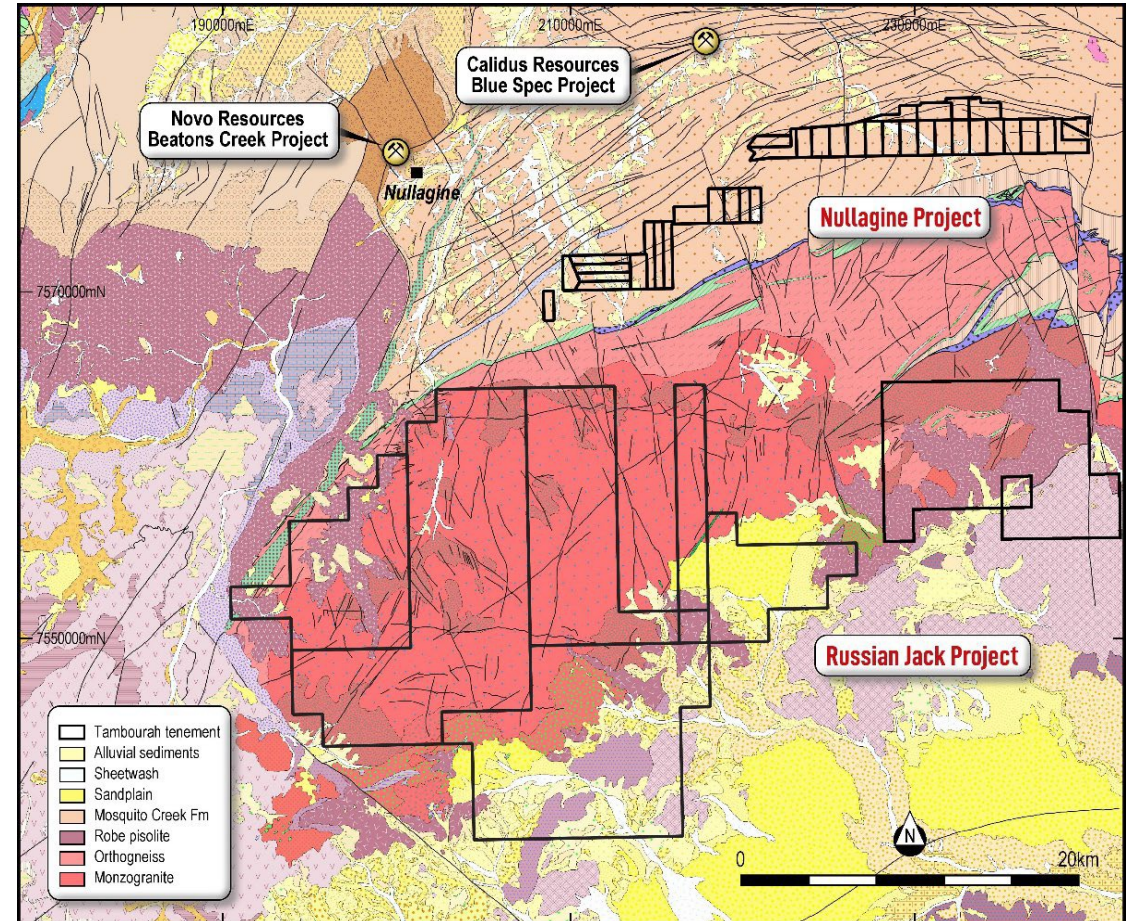


Cheela Gold Project Interpreted Mineralisation - Long Section (not to scale)

The interpreted mineralisation at Cheela is modelled to be flat lying and shallow as shown in the long section. Drilling is planned to follow up and will commence testing existing high grade targets.

Russian Jack Lithium Project

- Russian Jack is located the in eastern portion of the Archean Pilbara craton, 20 Km South of Nullagine
- CSIRO collaboration with Tambourah is ongoing
- Applying “Machine Learning” to highlight possible priority LCT pegmatite targets
- Research will provide a pathway to access large areas with little or no exploration to date
- CSIRO have provided a preliminary draft of priority target areas for sampling and field mapping. Ensuing meetings to discuss Tambourah’s remotely sensed spectral and historic data, including radiometric, magnetic and gravity datasets are progressing

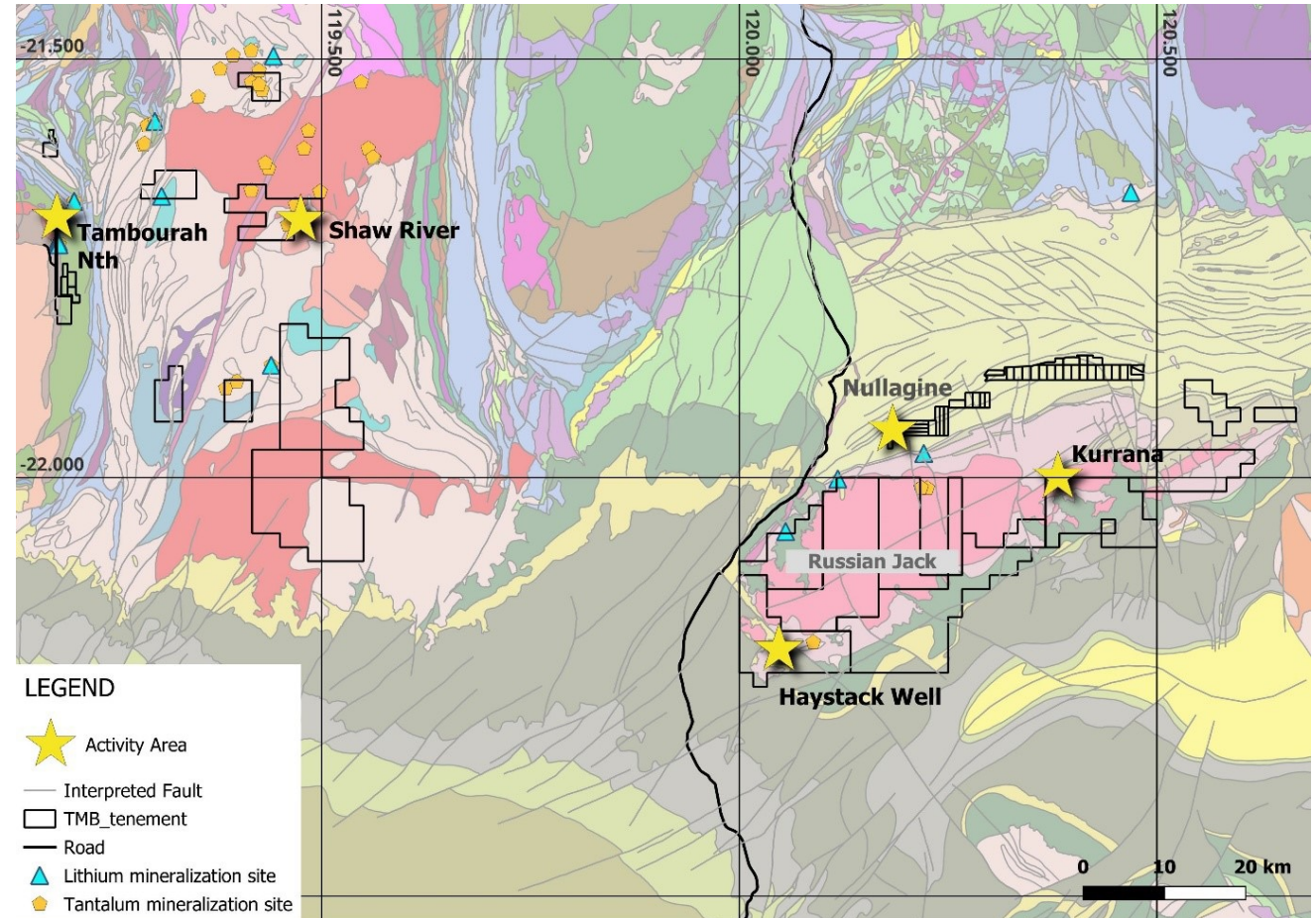


Nullagine & Russian Jack – Tenements and Geology

Pilbara - Tin – Tantalum – Lithium Projects

Recent Assay Results include:

- Assay results from Tambourah North, Shaw River and Haystack Well sampling have reported highly anomalous Li, Cs, Rb, Sn and Ta.
- At Haystack Well individual assays reported up to 1% Li₂O.
- Samples from Shaw River reported up to 4823ppm Li₂O (0.48% Li₂O).
- Samples from Tambourah North reported up to 1960ppm Li₂O (0.19% Li₂O).
- Pegmatites identified at the new Kurrana project, assays pending.



Shaw River, Tin, Tantalum & Lithium

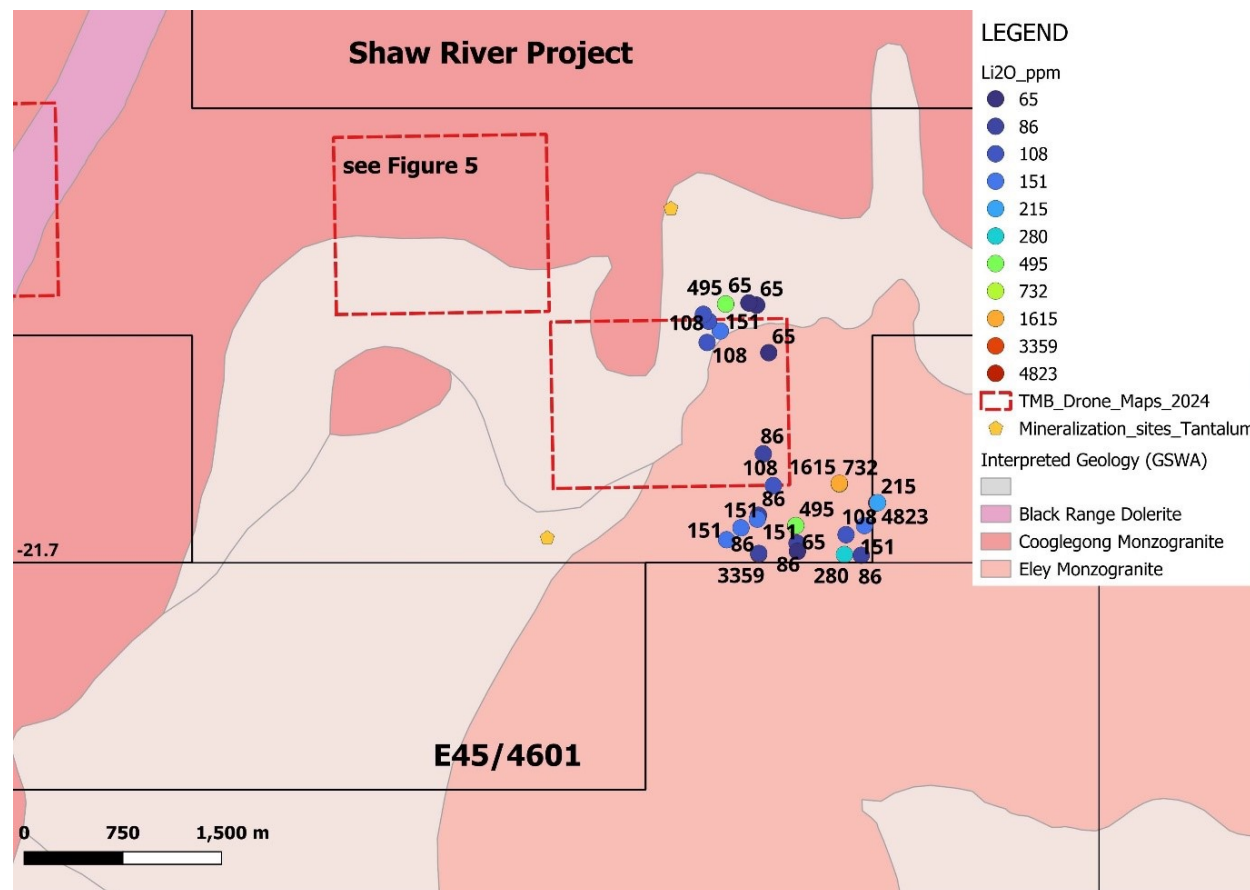
The Shaw River Project is located 180km southeast of port Hedland (see Figure 1) and is the site of extensive historic tin-tantalum mining, having produced 6,585t of tin and 548t of tantalite concentrates up to 1975 (Blockley, 1980)¹.

Pegmatites are thought to be the primary source of tin and tantalum.

There is no record of previous lithium exploration.

Sampling has been extended beyond the immediate area of historic alluvial and eluvial workings. 6 samples reported above 500ppm Li₂O, to a maximum of 4823ppm

The western zone at Shaw River has identified multiple pegmatites from a recent drone survey.



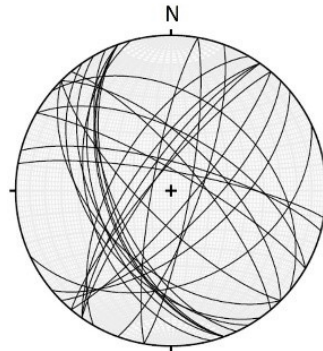
Shaw River sample location plan

1. Blockley, J.G., 1980. The tin deposits of Western Australia, with special reference to the associated granites. Geological Survey of western Australia, Mineral Resources Bulletin 12, 188p.

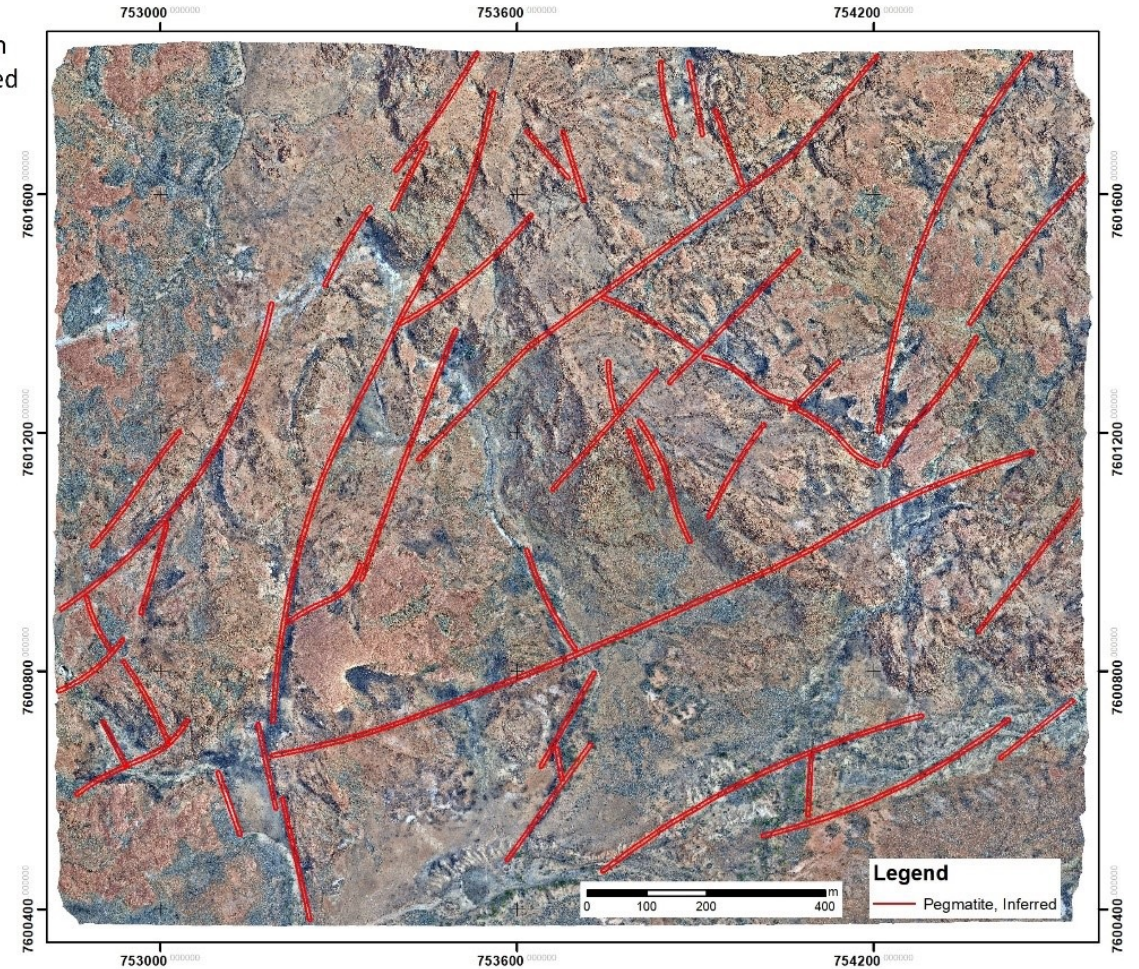
Shaw River Tin, Tantalum & Lithium

- Drone mapping has identified extensions and additional LCT-pegmatite targets for immediate follow up.
- Field sampling and mapping of these pegmatites will resume in Q2

Drone imaging with spatial resolution 4 cm was used to assist to the detailed surface geological mapping and sampling of LCT pegmatites at Shaw River Project area



Pegmatites, Shaw River project (Schmidt lower hemisphere projection)



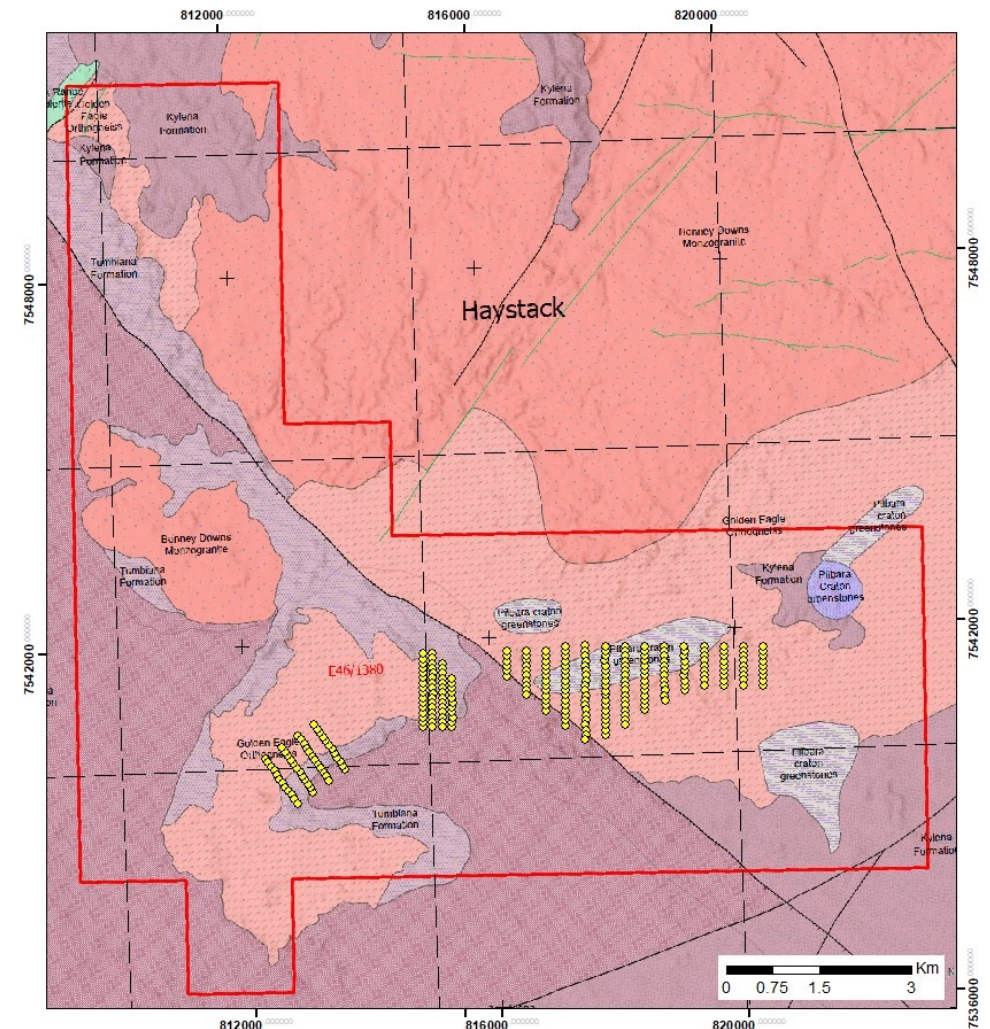
Shaw River pegmatite structures and targets identified from drone mapping.

Haystack Well Lithium Project

The Haystack Well Project, acquired from Minrex was part of the recently sampled area.

“The Twin Wells Alluvial Prospect showed strong extensive stacked swarms pegmatites striking within a southerly direction over 650 metres. Several rock chip samples were collected from the pegmatites for assaying. Samples over the historic Twin Wells alluvial tailings have also been sampled for assaying.”¹

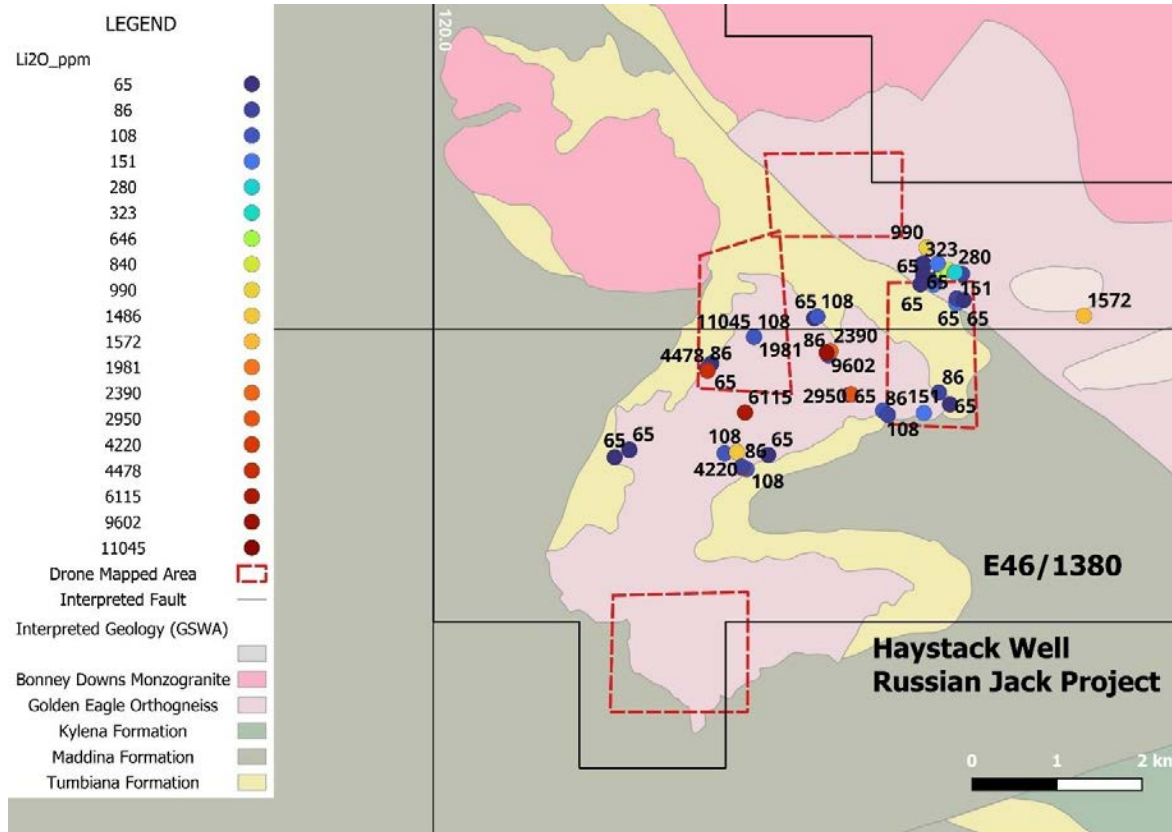
“Extensive stacked pegmatite swarms over 650m wide and historically mined form Tantalum containing Beryl, Corundum and Kunzite (lithium oxide), as found at Tabba Tabba Tantalum Deposit Western Pilbara WA.”¹



Haystack Well Soil Sampling on Geological Map

1. Minrex Website: <https://www.minrex.com.au/projects/pilbara-battery-metals/haystack-well/>

Haystack Well Recent Sampling Results



Haystack Well sample location plan.

The Haystack Well area is located 50km south of Nullagine. Haystack Well sampling expanded the search area over abundant pegmatite exposures.

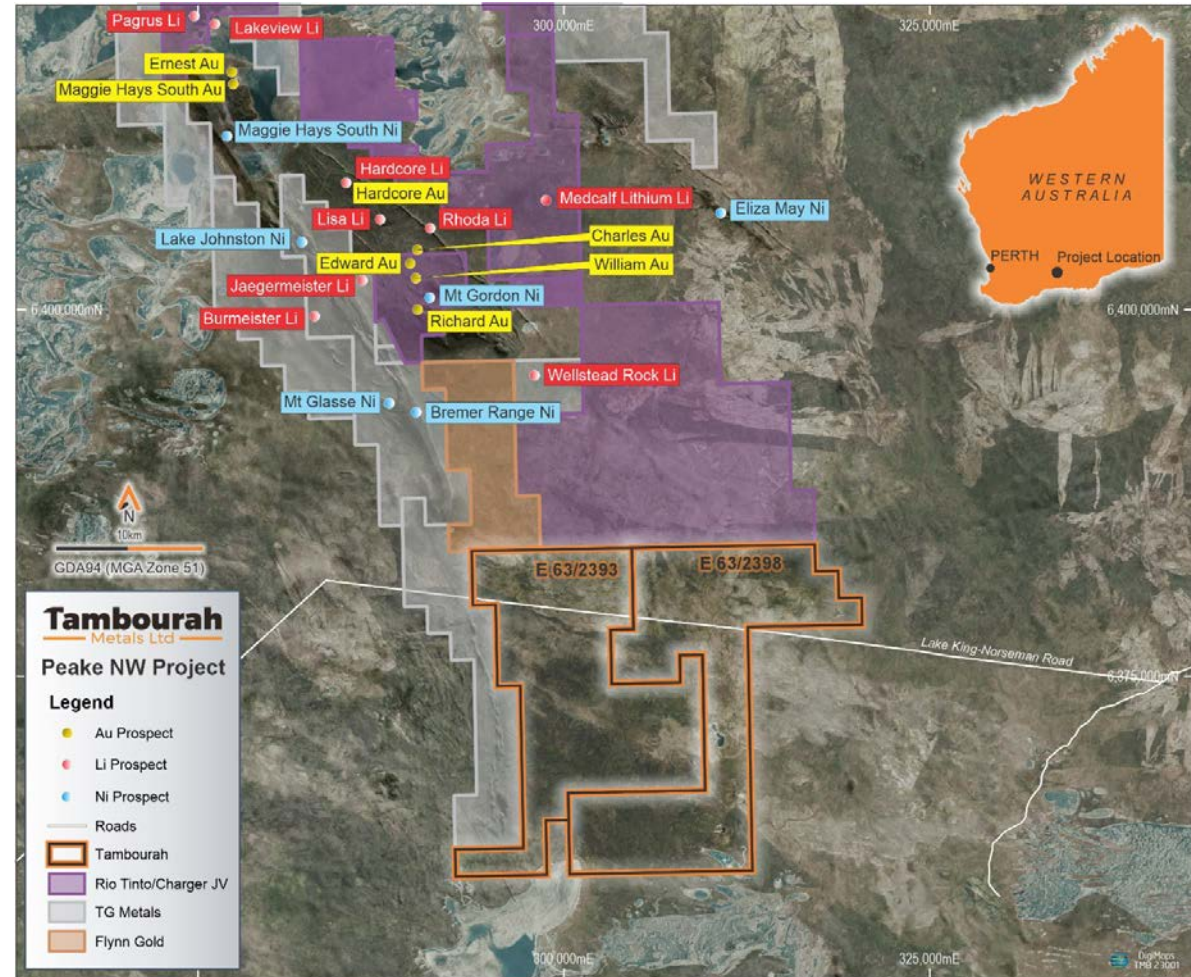
- 15 samples reported Li₂O of greater than 500ppm to a maximum of 11045ppm (1.1% Li₂O) from a biotite alteration margin adjacent to the pegmatite.
- Pegmatite samples reported up to 4478ppm Li₂O with elevated Rb, Sn and Ta.
- Selected samples will now be submitted to CSIRO for analysis using the Hylogger spectral scanner to identify pegmatite mineralogy and pegmatite fertility.

Expanding the Lithium Exploration Portfolio

Tambourah Metals has applied for two exploration licenses in the Lake Johnson region.

The Lake Johnston SE (LJ SE) and Peake NW exploration projects are located south of the Rio Tinto and Flynn Gold tenement holding and south of the TG 6 Metals exploration projects and the adjacent Lake Tay prospect.

The company has commenced regional data compilation, and ground activities will follow upon the grant of the Exploration Licences. Several pegmatite targets have been noted in the historical data compilation within the project area.

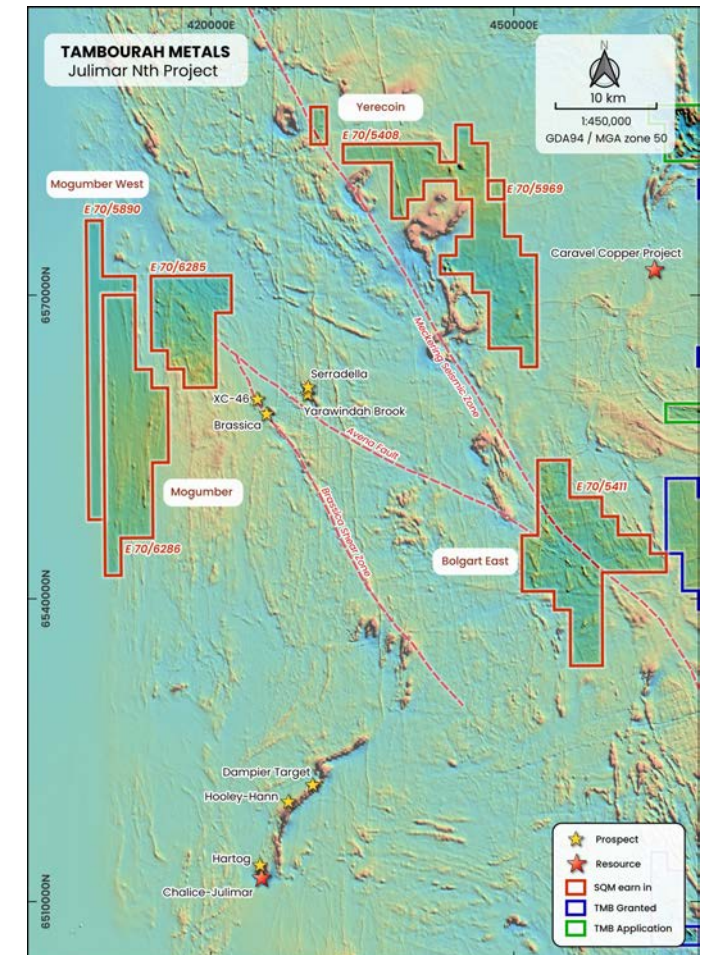
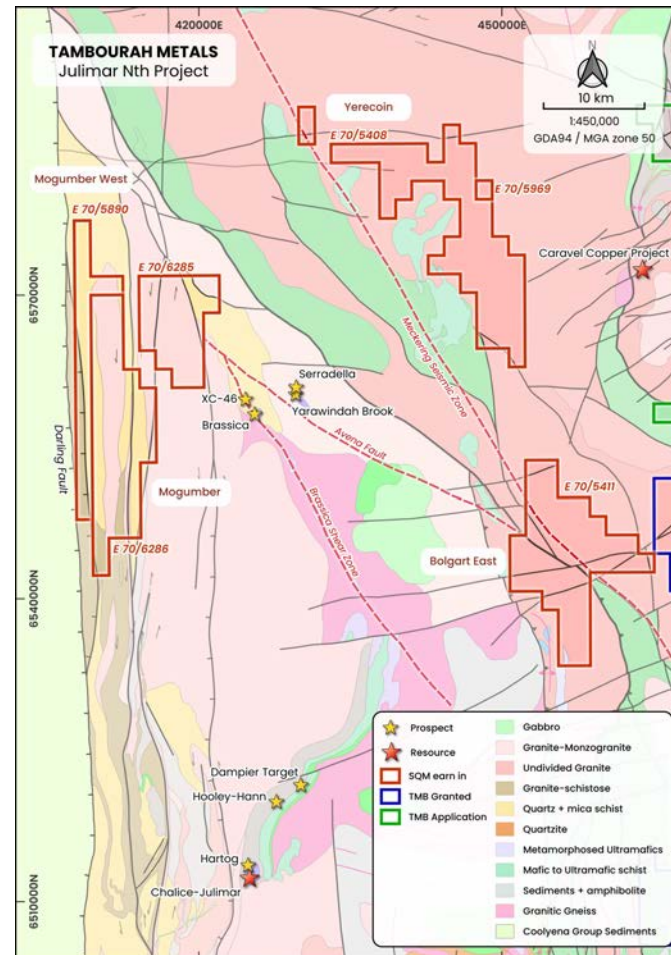


Lake Johnston Project Tenement Location

Tambourah Metals Earn-In with SQM

Overview

- Tambourah Metals and the Chilean lithium producer Sociedad Quimica y Minera de Chile S.A. (SQM) (NYSE: SQM) have entered into an agreement providing SQM with the right to earn-in across six of Tambourah's Julimar Nth projects in Western Australia
- SQM will earn an initial 50% interest (and can earn a maximum of 70%) in all mineral rights at Julimar Nth project by sole funding a minimum of A\$1.5m and up to \$3m of exploration and development activities
- SQM is one of the world's leading lithium producers with its main assets in Australia being its 50% joint venture interest in the Mt. Holland Lithium Mine as well as other lithium related investments



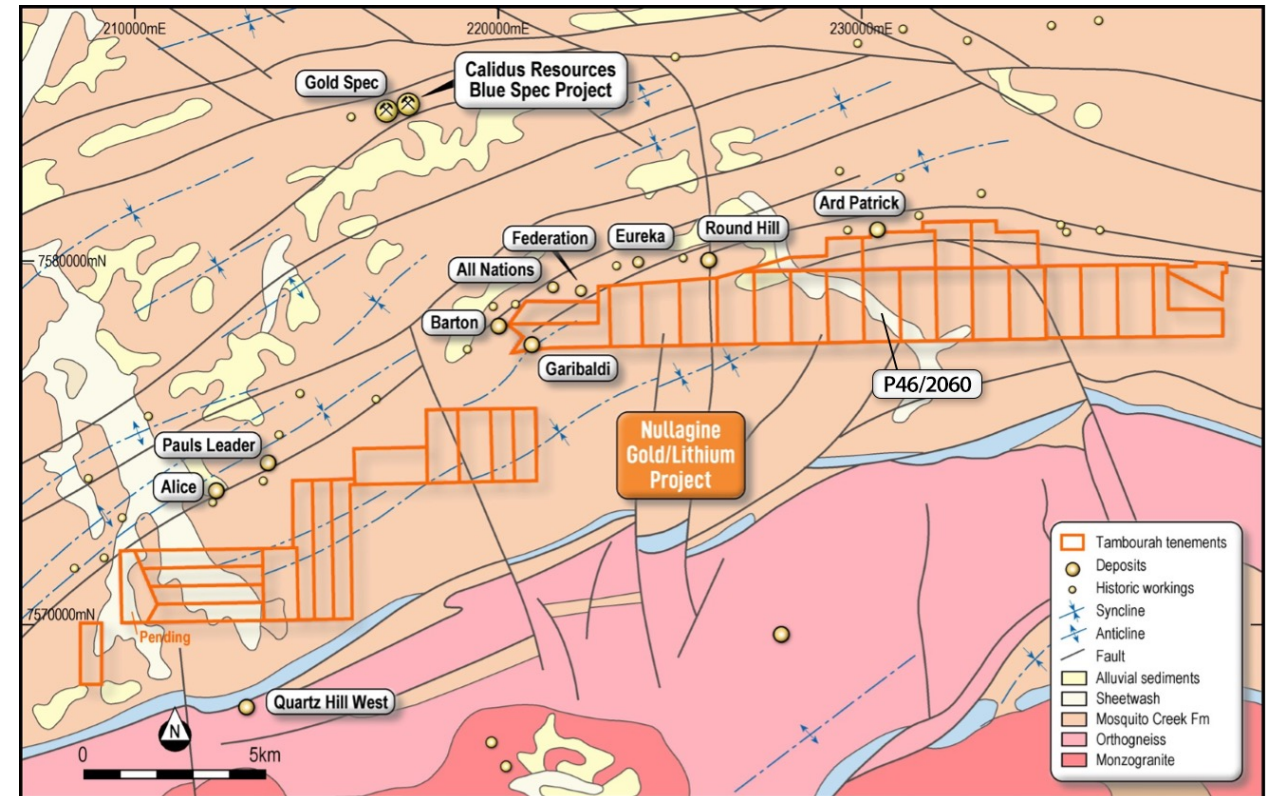
TMB Nullagine Li-Au Project

TMB Nullagine is a 100% owned subsidiary of Tambourah Metals Ltd as a project generator TMB has opportunities and divestment plans for non-core projects.

The TMB Nullagine project, located 11km from the town of Nullagine and 5km north of the Tambourah Metals Russian Jack prospect, consists of 38 prospecting licenses covering an area of 67.32km².

The Nullagine project covers 30km of strike of the Mosquito Creek Formation, a sequence of fine-grained sediments which to the north of the pegged areas, are known to host multiple historic gold mines and workings.

The Nullagine project is prospective for shear hosted gold with significant drill intersections reported from the Titanic South gold prospect and it lies within the 10km aureole of the fertile Bonney Downs Monzogranite, the presumed source of fractionated pegmatites, including lepidolite-bearing pegmatites at the Quartz Hill West lithium prospect.



Nullagine Location Map on Geology.

Proposed Work Programs 2024

Projects	Q2 – CY2023	Q3 – CY2024	Q4 – CY2024
Tambourah Nth - Li	Mapping & Drill Planning	DD and RC Drill program	
Shaw River – Li Sn Ta	Lithium targets-mapping and sampling	<ul style="list-style-type: none"> Results Heritage survey 	Proposed drilling at western pegmatites
5 Mile Creek – Li Sn Ta	Mapping historical Sn-Li	<ul style="list-style-type: none"> Sampling Magnetic survey 	
Haystack Well – Li	Sampling & Mapping over 3 target locations	Heritage Survey Fieldwork and magnetic survey Hyperspectral survey	<ul style="list-style-type: none"> Proposed drill program
Tambourah - Au	3D Modelling Gold Results	Drill Plan at Au Targets	EM profiling
Lake Johnson SE - Li	Data Compilation	Grant of ELs	Review & Sampling
Achilles – Ni-PGE	EM Survey Plan	Access & Drill Hole Locations Complete EM Survey	Commence Drilling 4 – 6 Targets
Cheela Gold - Au	Complete Heritage Survey at select locations Review historic drill holes	<ul style="list-style-type: none"> Drill Hole location @ Cheela Nth Soil Sampling @ Cheela Sth 	<ul style="list-style-type: none"> Prepare & Process drill plans Results of Soil Sampling
Julimar Nth – Ni-PGE-Cu	A/C Drilling & Sampling -SQM	<ul style="list-style-type: none"> Review Data Plan Phase 2 	
WH Sth – Cu-Au	Planning & Extension of Copper Soil Sampling		Access agreements
Nullagine	Sampling and mapping Li and Gold prospects	Divestment or JV	

Advanced Exploration Portfolio

Gold & Lithium

- ✓ Exploration is progressing rapidly in the Gold Projects
- ✓ Drill planning underway at Cheela & Tambourah gold projects
- ✓ Extensive pegmatites identified and sampled at Shaw River & Haystack Well
- ✓ CSIRO collaboration, assessing Lithium pegmatites at the Russian Jack Project & Haystack Well
- ✓ Developing 7 new Lithium exploration projects in the Pilbara
- ✓ New Kurrana Li Project at Nullagine East
- ✓ New Lithium exploration at Lake Johnson SE
- ✓ EIS Grant Awarded for drilling program at Achilles
- ✓ Julimar Nth commenced work with SQM Earn-in



Tambourah

— Metals Ltd —

ASX:TMB

tambourahmetals.com.au

[in linkedin.com/company/tambourahmetals](https://www.linkedin.com/company/tambourahmetals)

CONTACT US

For more information please contact:

Rita Brooks | Exec Chairperson
Rita.Brooks@tambourahmetals.com.au
M: +61 411 276 657

Admin | Head Office
admin@tambourahmetals.com.au
+61 8 9481 8669