

Tambourah

— Metals Ltd —

Mines & Money Connect Melbourne



ASX: TMB

tambourahmetals.com.au

June 2023

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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;
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- 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 Kelvin Fox exploration manager of the company, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Kelvin Fox 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 Kelvin Fox consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Authorised by the Board of Tambourah Metals Ltd.

Leading Critical Minerals Exploration in Western Australia



Exploration Highlights

Project generation and discovery in Western Australia

- Advanced exploration programs for Lithium in the Pilbara.
- Nickel exploration at Achilles and Julimar Nth.
- New LCT-pegmatites identified at Tambourah & Russian Jack
- CSIRO collaboration, assessing Lithium pegmatites at Russian Jack.
- Focused on developing **Lithium** projects in the Pilbara.
- **Gold** at Tambourah confirmed historic mining grades.
- Exploration programs of Gold and REE projects are in progress.



Exploration Highlights

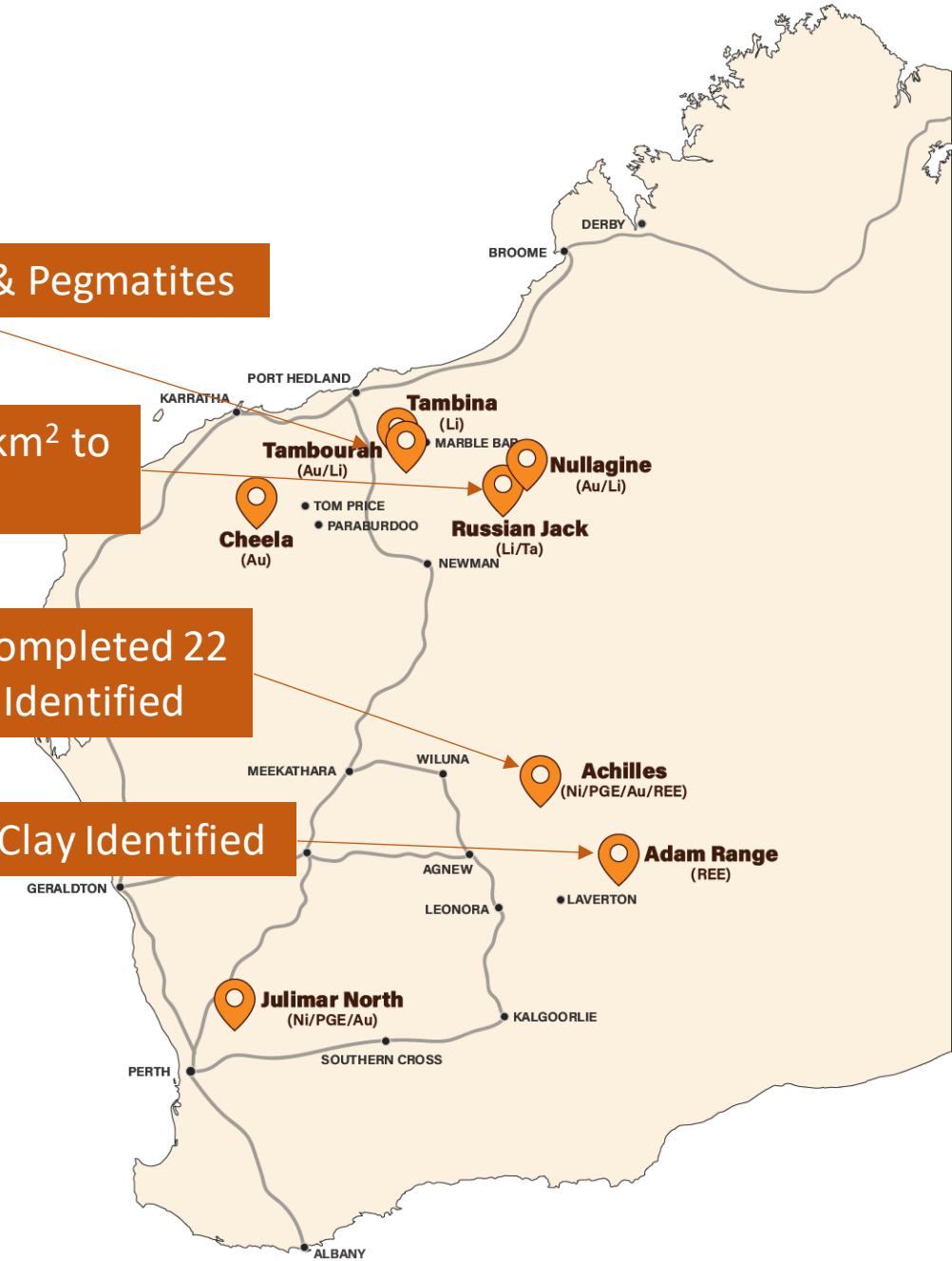
- TMB 100% ownership of Lithium projects.
- Since listing in 2021 TMB has more than doubled its Lithium exploration portfolio.
- Creating shareholder value through discovery.
- Western Australia accounts for 52% of global supply of Lithium.

Confirmed Gold & Pegmatites

Confirmed LCT-Pegmatites. Over 320 km² to explore

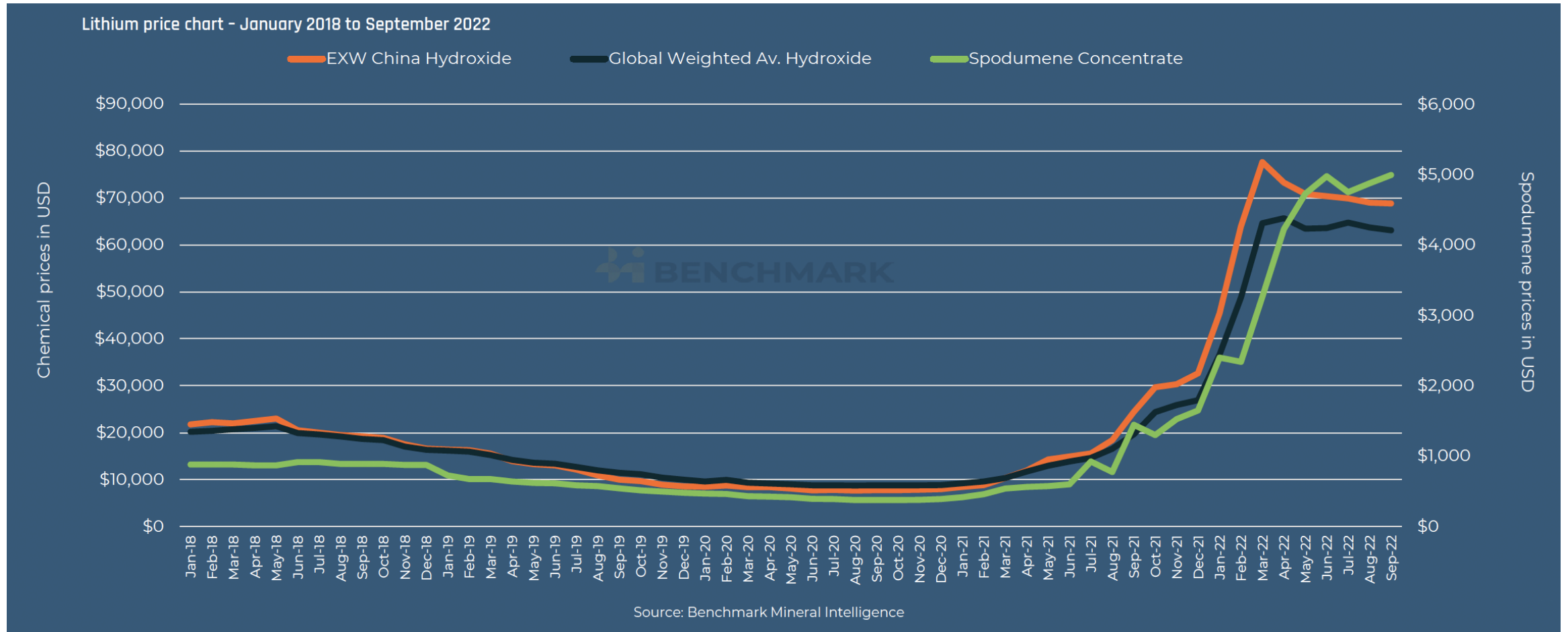
AEM Survey Completed 22 Conductors Identified

REE in Clay Identified



“Demand for Lithium is expected to outstrip supply by 2030... 18 more Pilgangoora Mines need to be developed to meet this demand.”

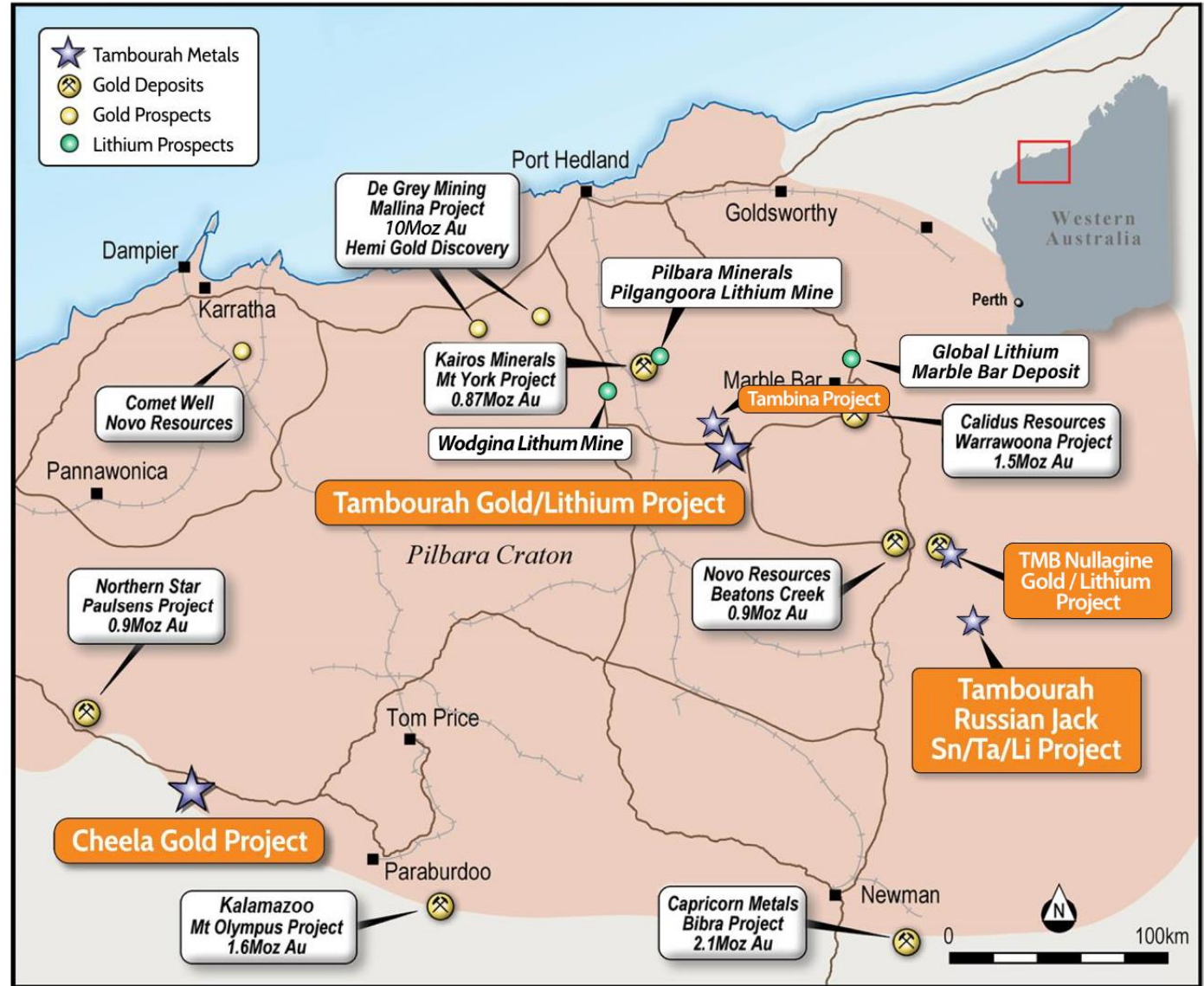
(Pilbara Minerals presentation)



Lithium Price Chart January 2018 - 2022

Pilbara Region

TMB PROJECTS	
Russian Jack	Lithium
Nullagine	Lithium-Gold
Tambourah / Tambina	Lithium-Gold
Cheela	Gold



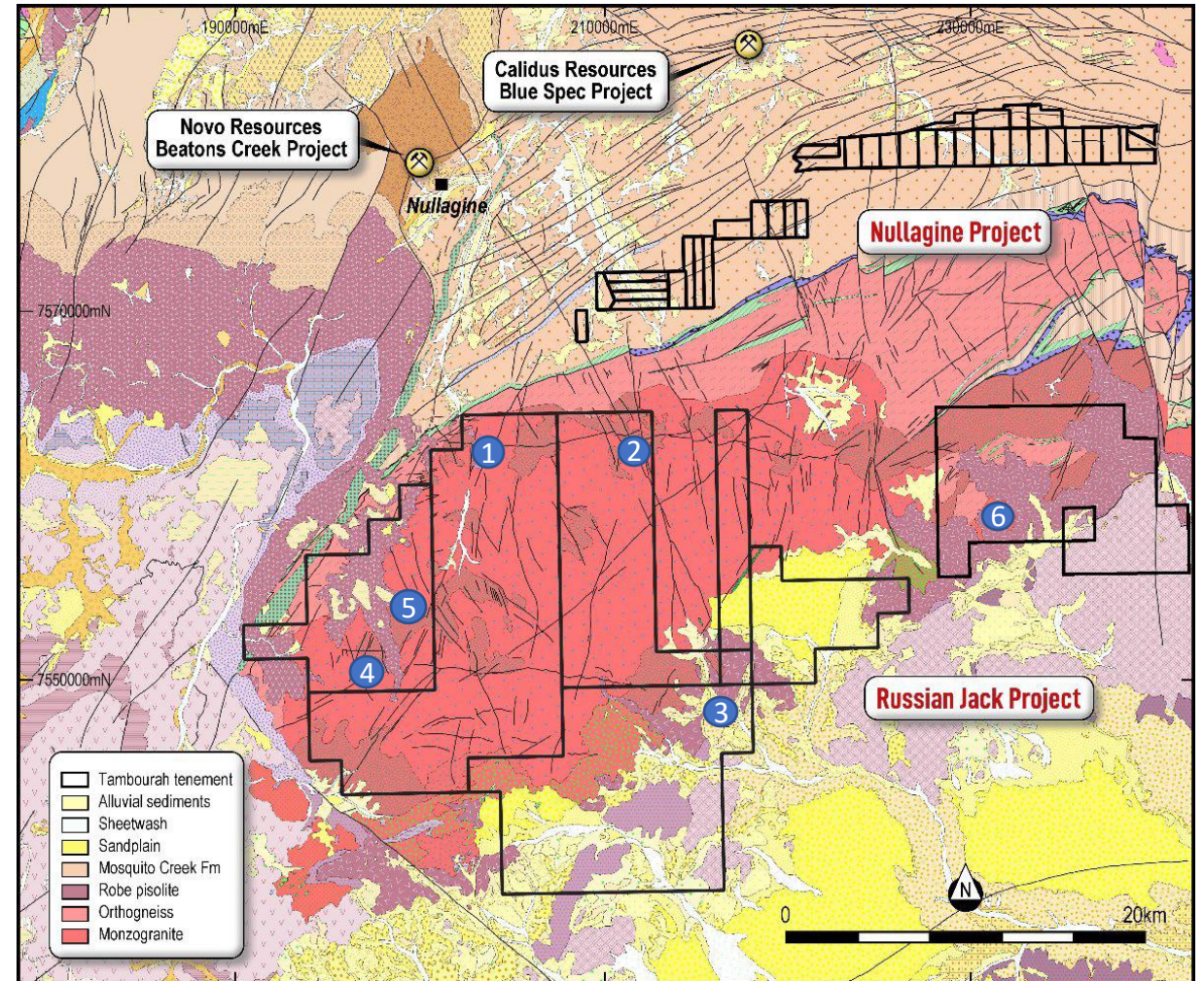
Tambourah Metals Pilbara Projects – Location Map

Russian Jack Lithium Exploration

- Russian Jack is located in the eastern portion of the Archean Pilbara craton.
- Lithium bearing pegmatites identified at Russian Jack are very similar in appearance to the Brockman pegmatite, which hosts the Archer Lithium deposit of Global Lithium Resources.
- Sampling from No 1. had the following results:

Sample ID	Easting	Northing	Li	Rb
RJRK001	202338	7564268	455	1930
RJRK002	202346	7564245	571	1390
RJRK003	202417	7564199	169	1570
RJRK004	202421	7564173	1420	1840
RJRK005	202446	7564114	244	618
RJRK006	202254	7564417	123	656
RJRK007	202373	7564431	49.6	452

Table 1: Russian Jack Rock Chip Sample Results



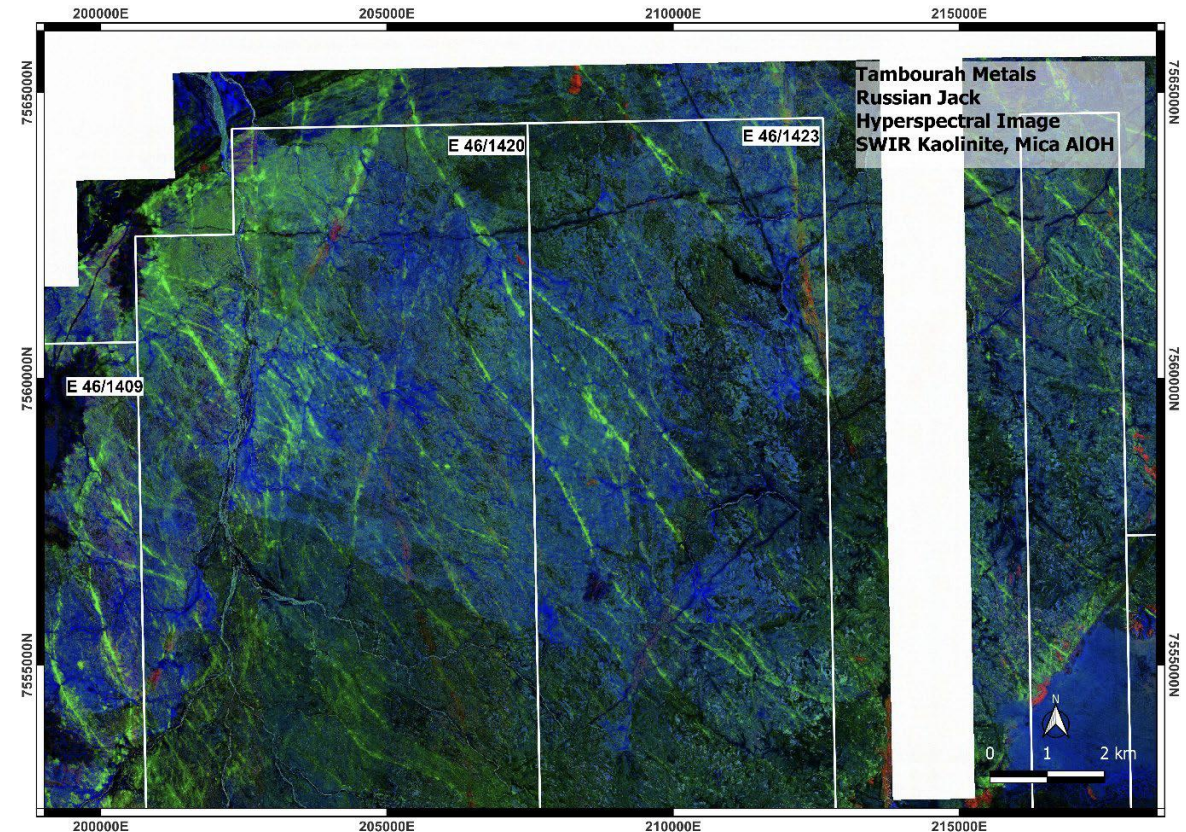
Nullagine & Russian Jack Tenements and Geology

CSIRO Collaboration at Russian Jack

- CSIRO collaboration with Tambourah has commenced.¹
- Applying Machine Learning to highlight possible priority L-C-T pegmatites.
- Tambourah Metals Ltd has been awarded a CSIRO Kick-Start grant
- CSIRO will supplement Tambourah's remotely sensed spectral data with recently acquired and historic data that includes radiometric, magnetic and gravity datasets.



Rock Chip sample RJRK101 (October 25th, 2022)

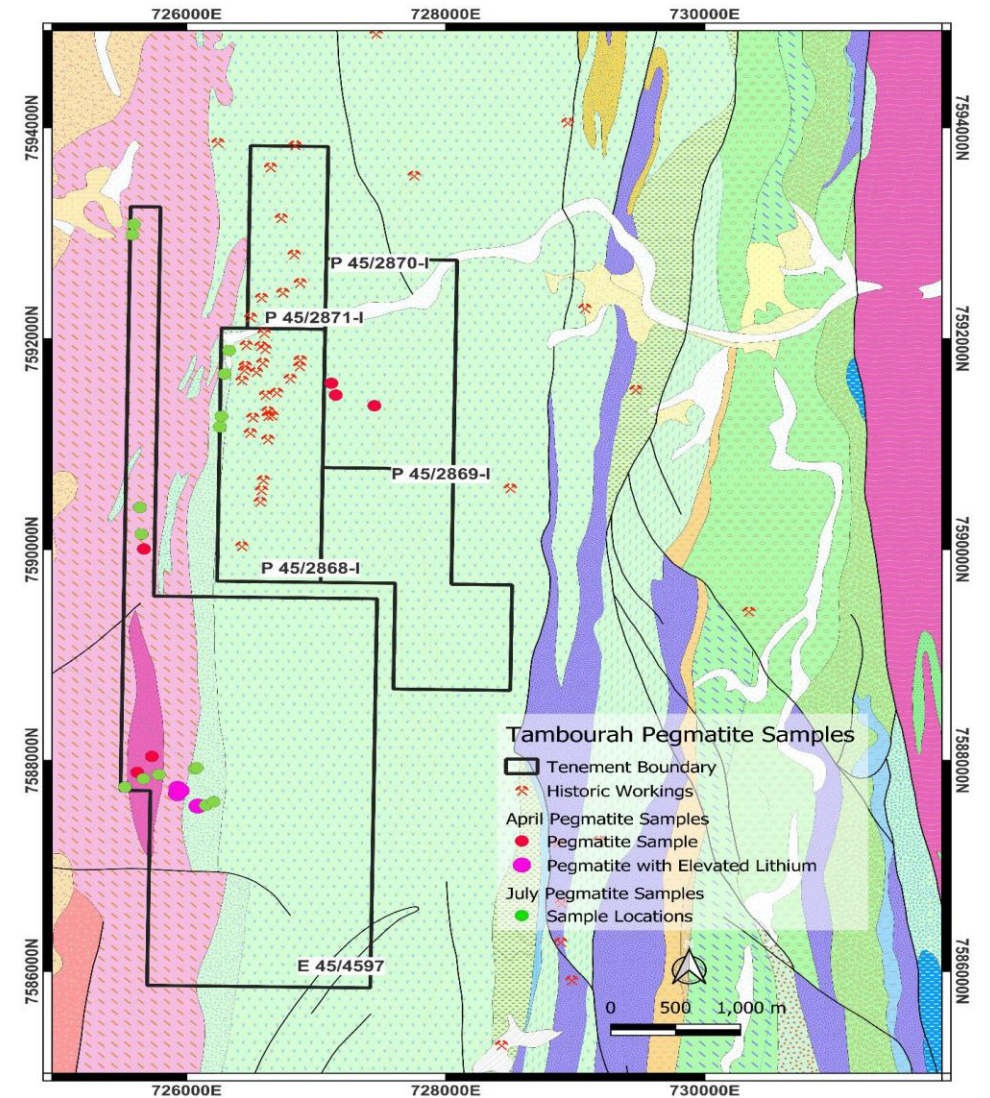


Russian Jack hyperspectral overview image

1. ASX Announcement: Tambourah Metals Enters CSIRO Collaboration at Russian Jack Lithium Project 16/03/2023

Tambourah Lithium Exploration

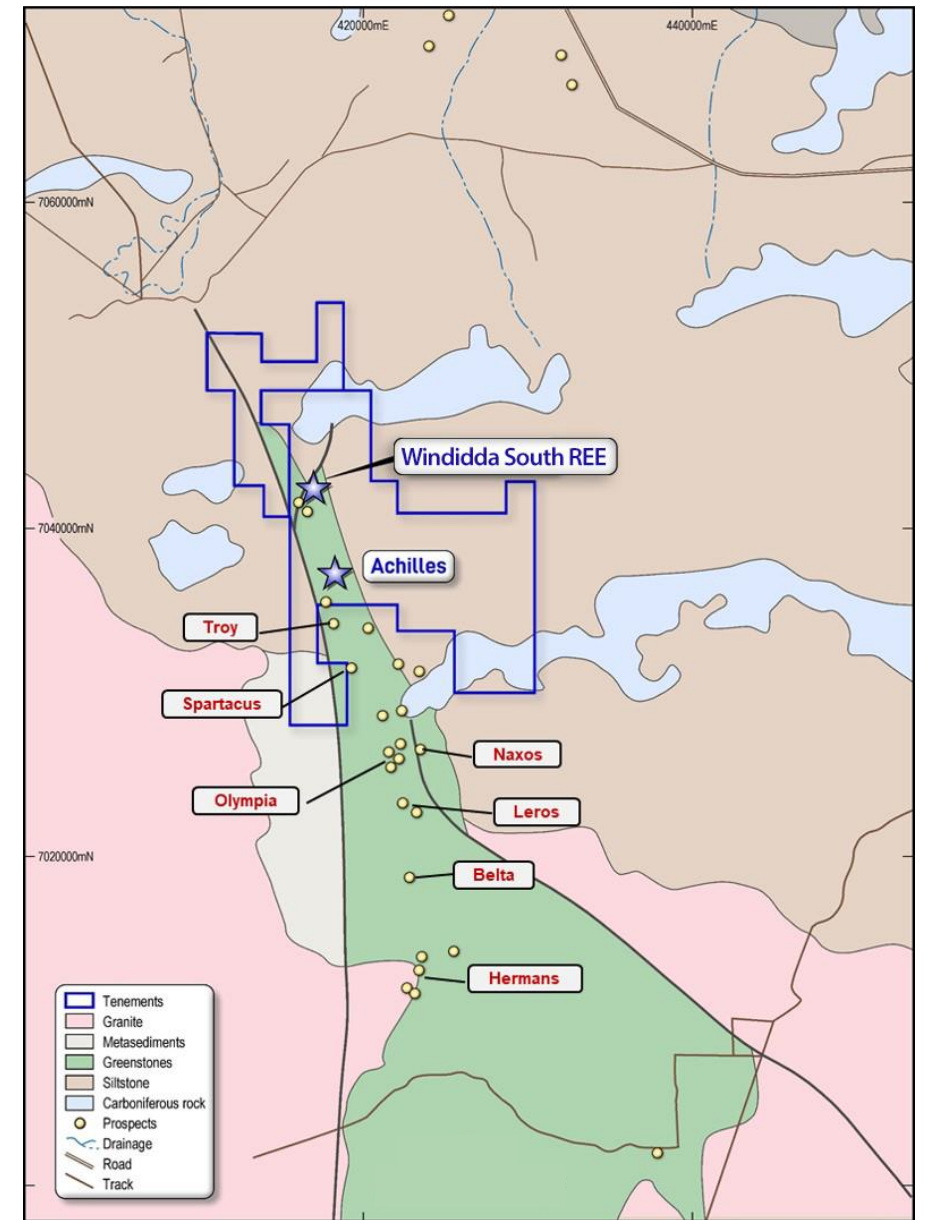
- New pegmatite outcrops identified of more than 50 m in strike length.
- The samples are located close to the granite-greenstone contact.
- Tambourah geologists have been sampling and mapping on E45/5497 in Q2 2023, in the south-eastern and northern areas.
- Sampling submitted for assay. Results expected shortly.
- In the southern part of the tenure pegmatites have been identified and sampling is continuing.
- Tambourah geologists have also been working at Tambina



Tambourah Pegmatites 725916mE/7588001mN

Achilles Ni/PGE/Au/REE

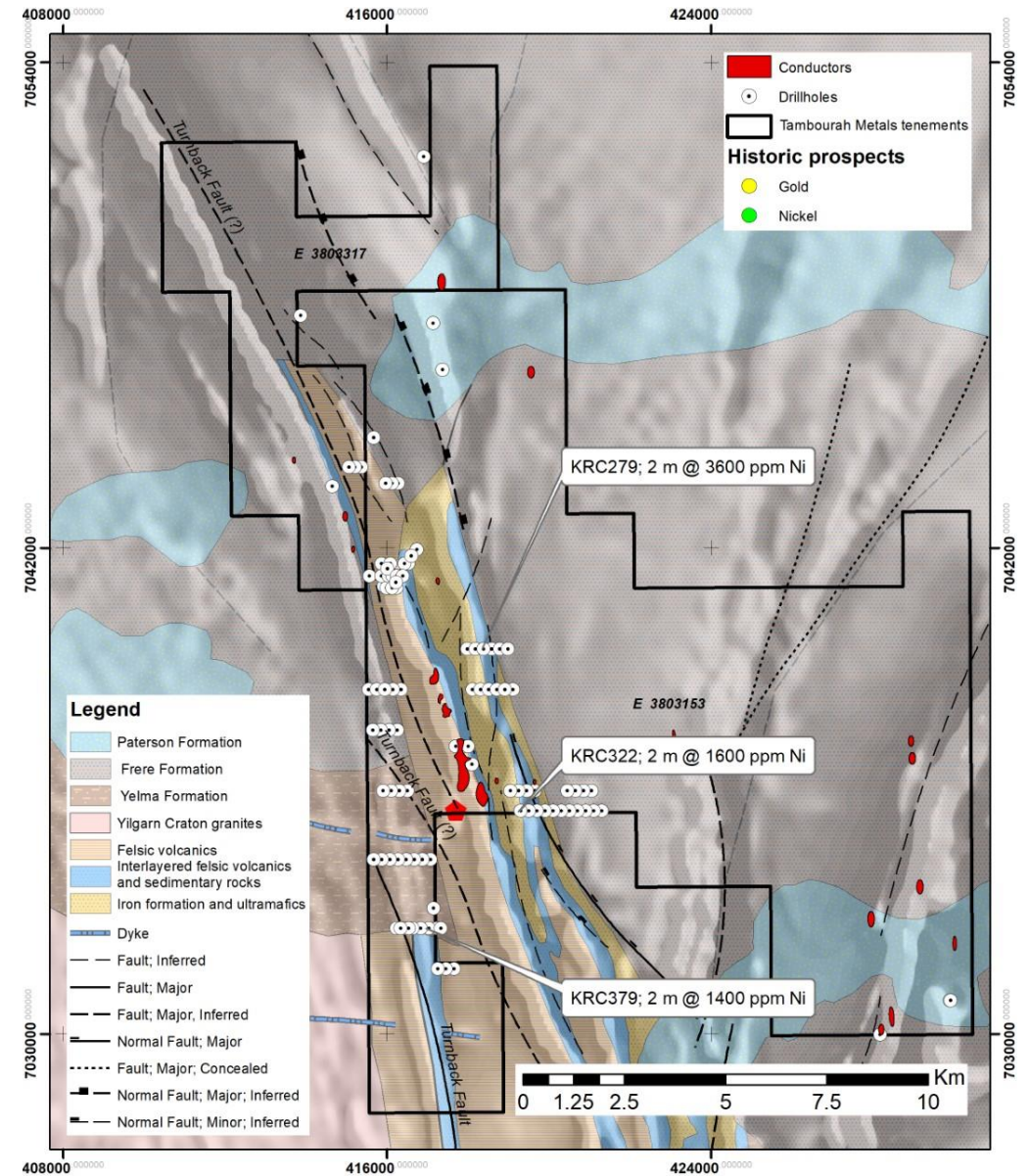
- Unlocking a new district scale Nickel sulphide region.
- The Achilles Ni-PGE-Cu project is located 235km north of Laverton and 200km east of Wiluna WA.
- Located 10km's North of Olympia Nickel deposit of Cannon Resources with 573 kt @ Ni -1.63% & Cu - 1.19% & PGE's
- The prospective ultramafic geology extends for a strike length of 20km through the TMB project area.
- Aggressive exploration program focused on systematically exploring and developing the drill targets outlined in the recent AEM survey.
- Discrete Conductors identified at Achilles
- Compilation of the historic drill hole locations shows that none of these 22 conductors have been drill tested by the historic drilling



Achilles Project Location Map

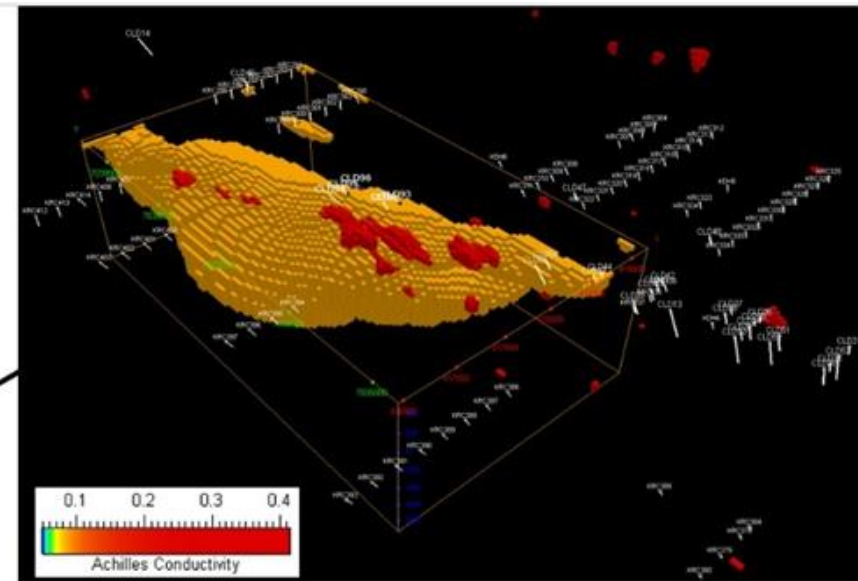
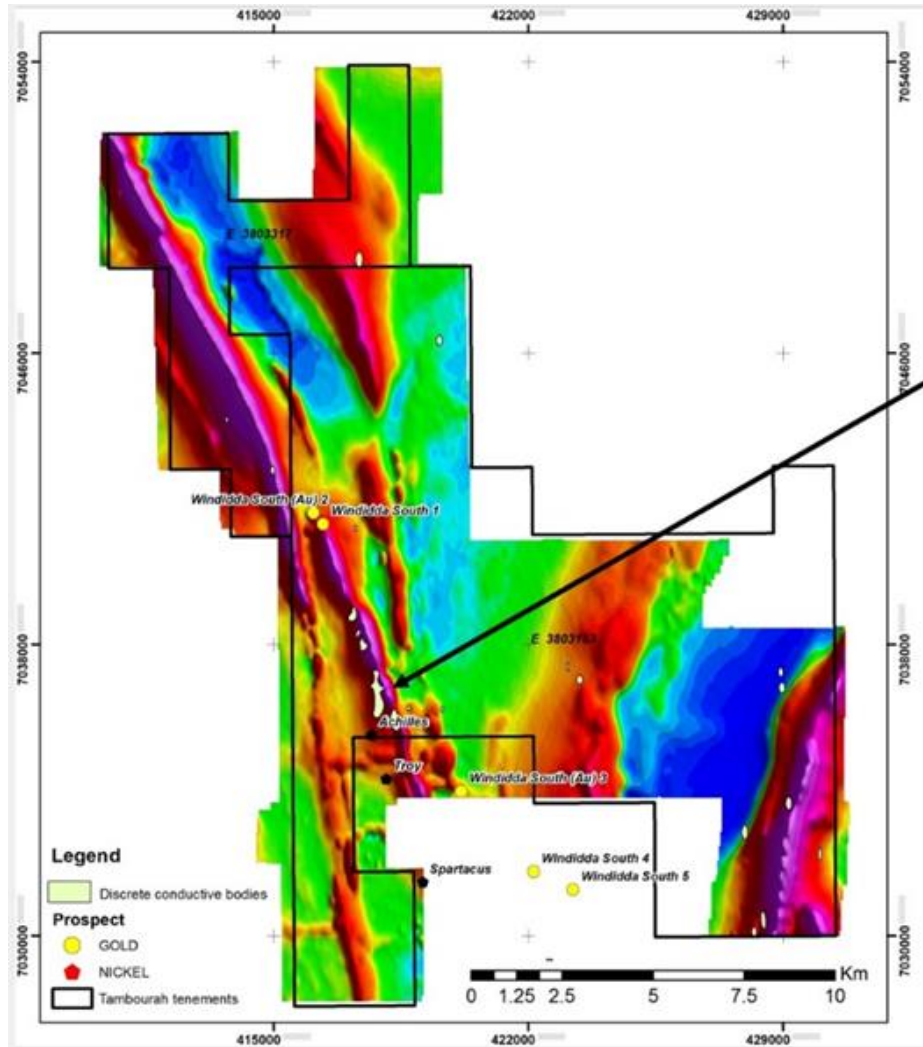
Achilles Ni/PGE/Au/REE

- Historic airborne EM data has identified 4 priority targets from detailed airborne EM surveys conducted in 2001 by WMC.
- 3D modelling by Tambourah of the AEM data has shown that historic drilling failed to intersect the AEM target and subsequent inversion of the geophysical data has identified 22 discrete conductors.
- Ground EM to confirm identified discrete conductors further with subsequent Diamond and RC drilling planned for the next quarter
- Sulphides have been intersected at 270m but our surveys identified potential sulphides at 320m

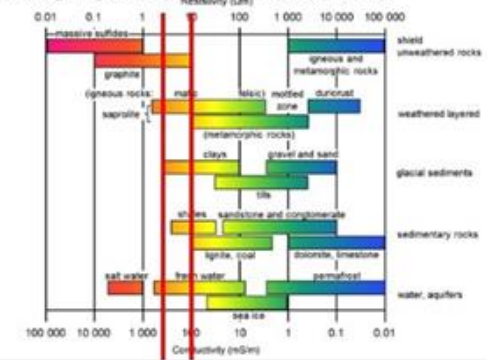


TMB Achilles Project on Reprocessed RTP TMI with GSWA Geology

Achilles NE Ni/PGE/Au Recent TMB AEM Survey Results



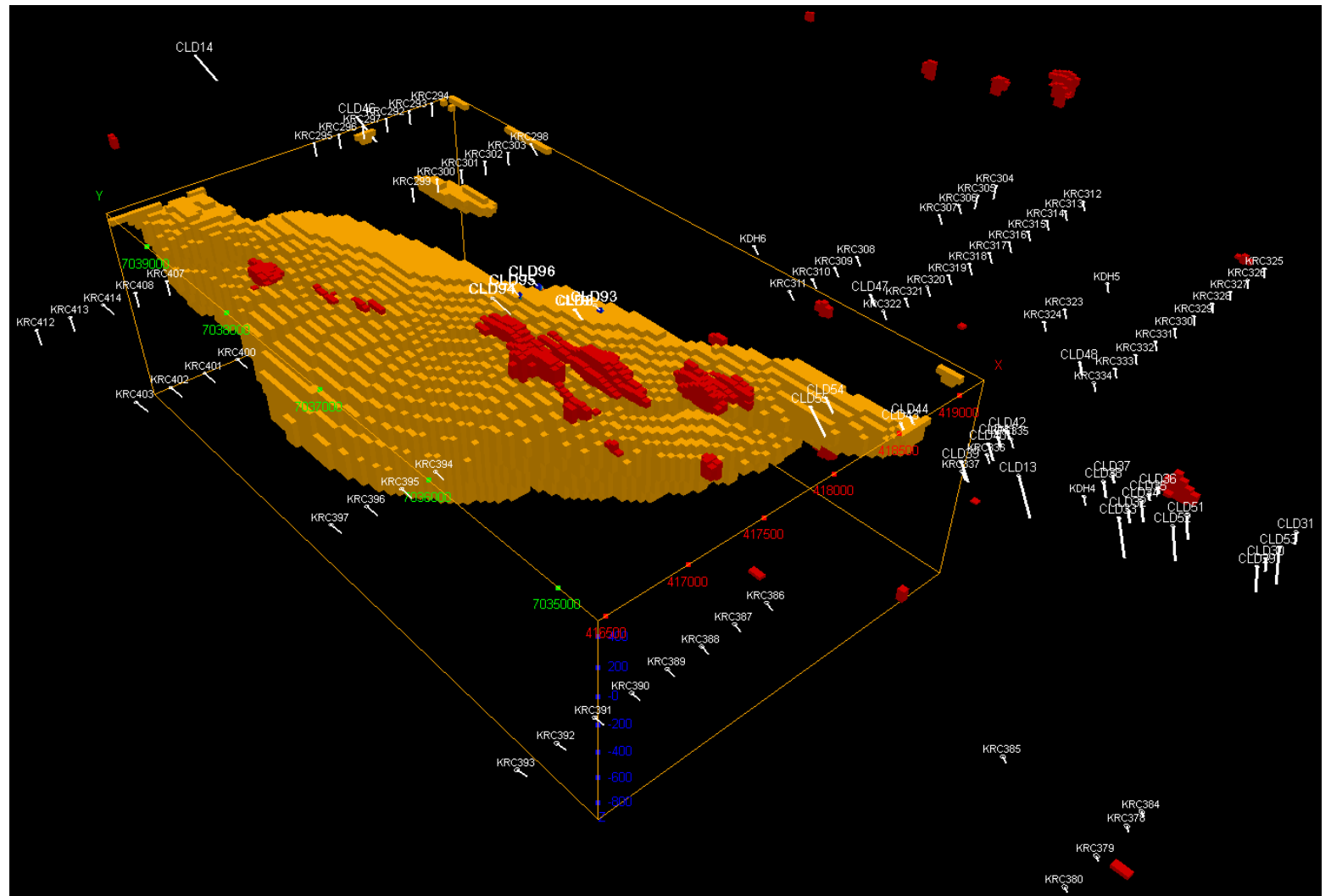
Inversion of magnetic data indicates NNW oriented, elongated anomaly (yellow) in the south-western section of the tenement. Discrete conductive bodies within the magnetic anomaly are highlighted (in red). Conductivity values are from 100 mS to 400mS



Achilles Magnetic map with magnetic data inversion (left) and historic drill holes (right)

Achilles NE Ni/PGE/Au Recent TMB AEM Survey Results

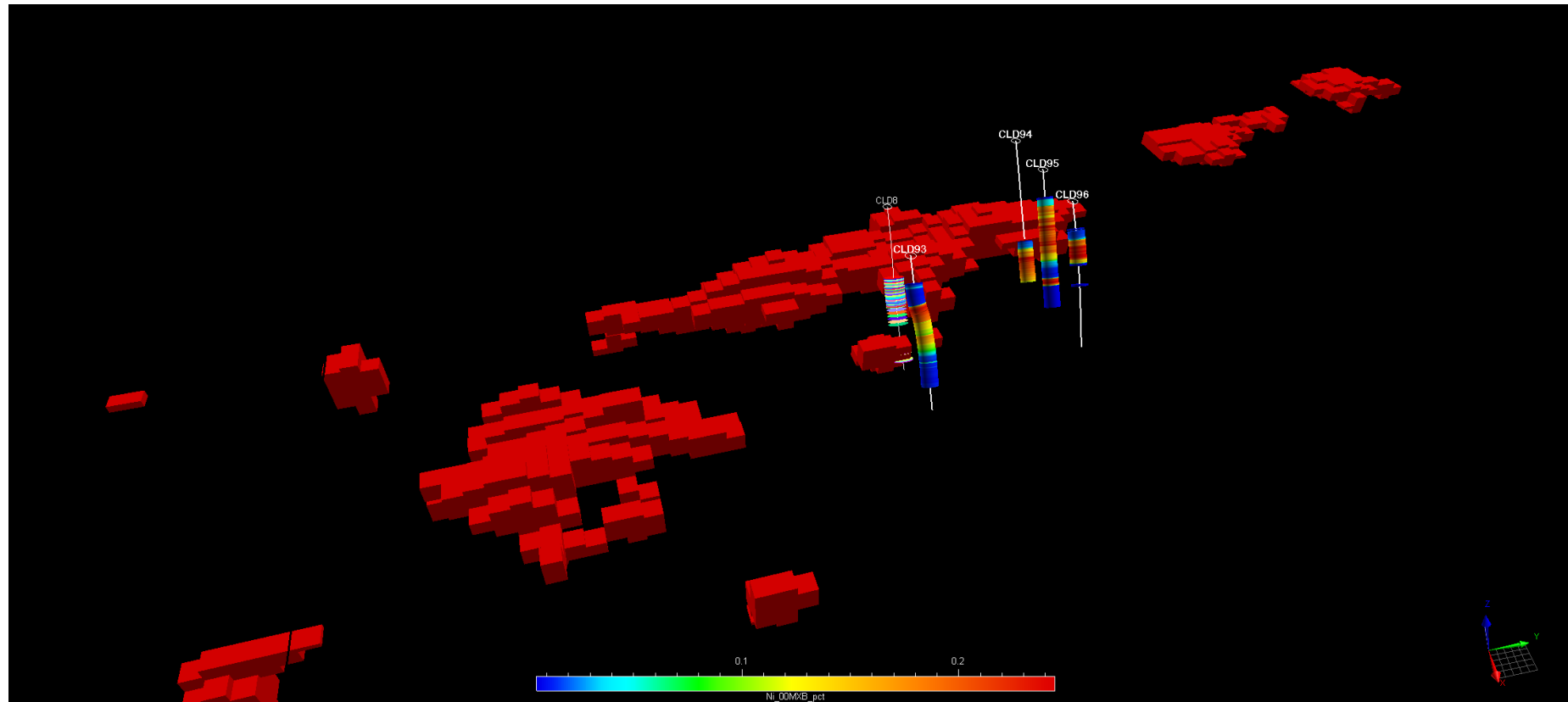
- Inversion of magnetic data indicates NNW oriented, elongated anomaly (yellow) in the south-western section of the tenement.
- Discrete conductive bodies within the magnetic anomaly are highlighted (in red).
- Conductivity values are from 100 mS to 400mS. Historic drillholes are shown in white



Achilles Inversion Model

Achilles NE Ni/PGE/Au Recent TMB AEM Survey Results

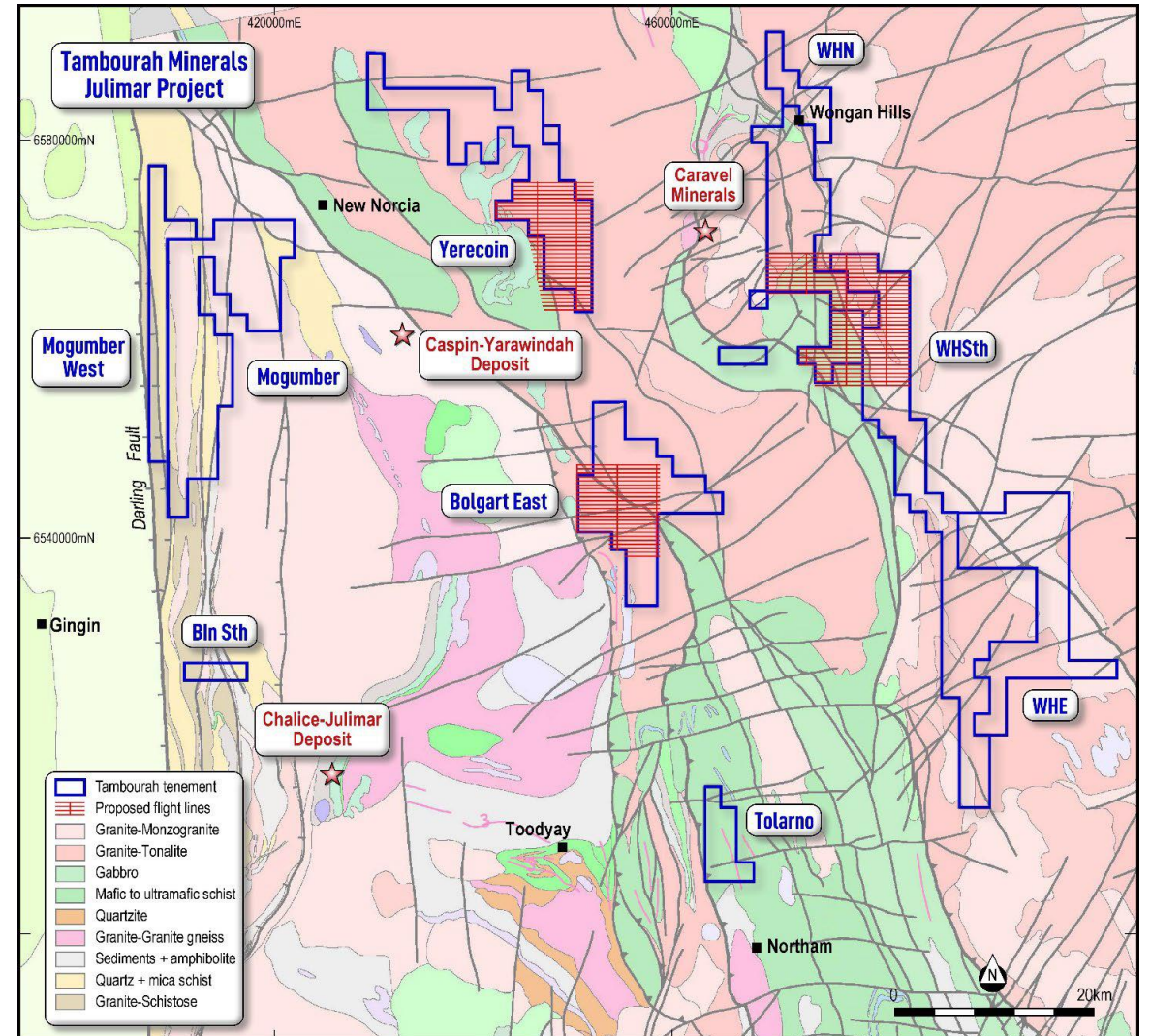
- This image shows discrete conductive bodies, oriented in accordance with NNW linear magnetic highs.
- Conductivity values are from 100 mS to 400 mS (milisiemens). Some historic DD drillholes were drilled close to eastern margins of the conductors.
- Colourbar indicates Ni grade (in ppm). No soil sampling was completed in the area



Achilles Inversion Model including historic drilling with Nickel values.

Julimar Nth Ni/PGE/Cu

- Tambourah Metals has the largest exploration portfolio in the Julimar Region behind Chalice Mining
- Chalice Mining is developing its Gonnevillle Ni-Cu-PGE resource at Julimar
- 2 Tier 1 mines are within a 50 km radius
- Caravel Resources is developing a Cu/Mo/Au mine with a 25-year mine life West of Wongan Hills.
- Tambourah has announced the results of the MMT survey and soil sampling results included copper anomalies.



Julimar North Project Locations Map

Work Program

Projects	Q2				Q3							
	June				July				August			
Lithium												
- Russian Jack			New Applications						Review			
- Sampling Result	Assays				Proposed Drill Targets		Heritage Clearance					
- CSIRO		1st Review			Data Compilation							
- Nullagine Li/Au	Sampling & Assays				Hyperspectral Data Comp							
- Tambourah Li/Au			Sampling Results		EM Survey		Proposed Drill Targets					
- Tambina			Sampling Results		Heritage Clearance		Proposed Drill Targets					
Nickel - REE												
- Achilles	Survey Results		22 conductors		EM Survey		Drill Program		RC/DD Program			
- Julimar N th	Soil Results				WH Sth EM Survey		Sampling & Assays		Proposed Drill Targets			

Board and Management



Rita Brooks
Executive Chairperson
BA(Ed)



Peter Batten
Non-Executive Director
BAppSc(Geol), BappSc,
MAusIMIM



Chris Ramsay
Non-Executive Director
MPM, BSc, MAusIMM



Ralf Kriege
Chief Executive Officer
MBA, MSc, MAusIMM

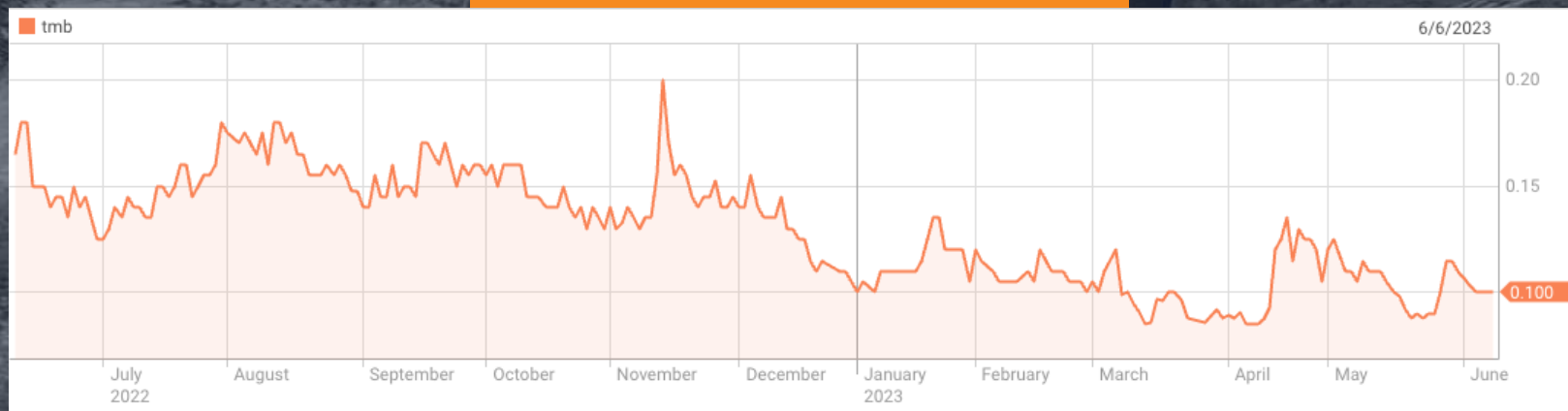


Graeme Smith
Company Secretary
MBA, MComLaw, FCPA, FCG (CS,
CGP), MAusIMM

Corporate Overview

CAPITAL STRUCTURE	
Share Price (06/06/2023)	\$0.10c
Cash (27/04/2023)	\$3.2M
Debt	Nil
Ordinary Shares	40.5M
Escrowed shares (24 Months)	24.5M
Total Shares On Issue	68M
Market Cap	\$6.8M
Share Code (ASX)	TMB

TMB: SHARE PRICE PERFORMANCE



Investment Summary



PILBARA GOLD

- Over 10 Million ounces of gold has been discovered in the last 10 years.
- Three Gold Projects in the Pilbara Region Tambourah, Cheela and Nullagine
- Positive results from maiden drilling program completed at Tambourah Gold



CRITICAL MINERALS

- Four 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
- Exploration Rare Earth Elements (REE) at Achilles and Adam Range



KEY FUNDAMENTALS

- Experienced Board and management
- Strong business strategy to contribute to a growing demand for renewable energy.
- Developing advanced gold mining projects in Tier 1 mining regions
- ESG principals (Environmental, Social, Community relation and Governance)

ESG – Sustainability



ENVIRONMENT

Commitment to minimise ground disturbance, CO2 emissions & water usage in exploration activities



SOCIAL

Continued engagement with local suppliers and recognising Traditional Owners and Native Title Agreements



GOVERNANCE

Integrate best practice environmental and social standards into corporate governance principles

Tambourah

— Metals Ltd —

DIRECTORS

Ms. Rita Brooks	Executive Chairperson
Mr. Chris Ramsay	Non-Executive Director
Mr. Peter Batten	Non-Executive Director
Mr. Graeme Smith	Company Secretary

CONTACT US


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