



**28 NOVEMBER 2022**

**ASX/MEDIA RELEASE**

**TREK METALS TO PRESENT AT RESOURCES RISING STARS  
INVESTOR CONFERENCE**

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Trek Metals is pleased to advise that the company's Chief Executive officer, Derek Marshall will be presenting at the Resources Rising Stars Summer Series investor conferences to be held in Sydney on November 29, 2022 and in Melbourne on December 1, 2022.

The Melbourne presentations will be live streamed and investors can access the presentation from the following link [RRS LIVE STREAM](#)

The presentation slides to be delivered by Mr Marshall are attached.

Approved for release by the Board.

**ENDS**

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**BATTERY-FOCUSED MINERALS EXPLORER**

# Powering up in the Pilbara

*Emerging high-grade lithium discovery*

*Newly-acquired Hendeka manganese project*

**RESOURCES RISING STARS – SUMMER SERIES**

29 Nov & 1 Dec 2022



+

+ **ASX  
TKM**

+ **PRESENTER**

**DEREK MARSHALL – CEO**

**ASXTKM** ⊕

# Disclaimer



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## **Forward Looking Statements**

This presentation may contain forward looking statements that are subject to risk factors associated with mineral exploration, mining and production businesses. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including but not limited to price fluctuations, actual demand, currency fluctuations, drilling and production results, reserve estimations, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory changes, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates. This presentation also contains reference to certain intentions, expectations, future plans, strategy and prospects of the Company. Those intentions, expectations, future plans, strategy and prospects may or may not be achieved. They are based on certain assumptions, which may not be met or on which views may differ and may be affected by known and unknown risks. In particular, there is a risk that the Company will not be able to expand or upgrade its existing JORC resource. The performance and operations of the Company may be influenced by a number of factors, many of which are outside the control of the Company. No representation or warranty, express or implied, is made by the Company, or any of its directors, officers, employees, advisers or agents that any intentions, expectations or plans will be achieved either totally or partially or that any particular rate of return will be achieved. Given the risks and uncertainties that may cause the Company’s actual future results, performance or achievements to be materially different from those expected, planned or intended, recipients should not place undue reliance on these intentions, expectations, future plans, strategy and prospects. The Company does not warrant or represent that the actual results, performance or achievements will be as expected, planned or intended. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. The forward-looking statements are made as at the date of this announcement and the Company disclaims any intent or obligation to update publicly such forward looking statements, whether as the result of new information, future events or results or otherwise.

## **Competent Person’s Statement - Exploration Results**

The information in this announcement relating to Exploration Results is based on information compiled by the Company’s Chief Executive Officer, Mr Derek Marshall, a competent person, who is a Member of the Australian Institute of Geoscientists. Mr Marshall has sufficient experience relevant to the style of mineralisation and to the type of activity described 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 Marshall consents to the inclusion in this announcement of the matters based on his information in the form and content in which it appears.

## **Competent Person Statement – Mineral Resources**

The information in relation to Mineral resources is extracted from the report entitled “Trek accelerates battery metals strategy with acquisition of advanced WA manganese project via scheme of arrangement with Edge Minerals Limited” dated 6 June 2022 and is available to view on [www.asx.com.au](http://www.asx.com.au) (Search ASX:TKM). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the 6 June 2022 market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.

## **For Additional Information refer TKM ASX Announcements**

Tambourah:

- 07/11/22 - High Grade Lithium Assays of up to 3.07% Li<sub>2</sub>O at Tambourah
- 27/10/22 - Spodumene Confirmed at Tambourah Lithium Project
- 21/07/22 - Pilbara Battery Metals Exploration Advancing on Multiple Fronts
- 26/05/22 - Lithium Pegmatites Identified at Tambourah

Hendeka:

- 20/09/22 - Edge Minerals Scheme Booklet
- 06/06/22 - Trek Accelerates Battery Metals Strategy & Scheme Implementation Agreement with Edge Minerals

# Why Trek Metals?

A diversified explorer with a high-growth battery metals portfolio



## Proven team with deep battery market experience

The Trek board were founding directors of lithium producer Pilbara Minerals Ltd (ASX: PLS) and played an instrumental role in transforming it from a junior exploration company into the multi-billion-dollar ASX-100 company it is today.



## Strategically Located Assets

Trek's portfolio is focused within Western Australia, recently rated as the #1 mining jurisdiction globally. The Pilbara region is an established mining hub with world-class infrastructure and services – an ideal location to discover and develop new projects.



## Battery Metal Focused

Trek's focus is to explore for and develop critical metals that are essential in the production of lithium-ion batteries, in particular nickel-cobalt-manganese (NCM) battery chemistries which are currently gaining market share because of their superior performance.



## Leveraged to Decarbonisation and Electrification Trends

Climate change is driving decarbonisation and electrification trends across the global economy. Trek is focused on finding and supplying critical metals to this rapidly expanding sector, positioning it to benefit from one of the most compelling global thematics.

# Corporate Snapshot

Experienced team of battery metals pioneers

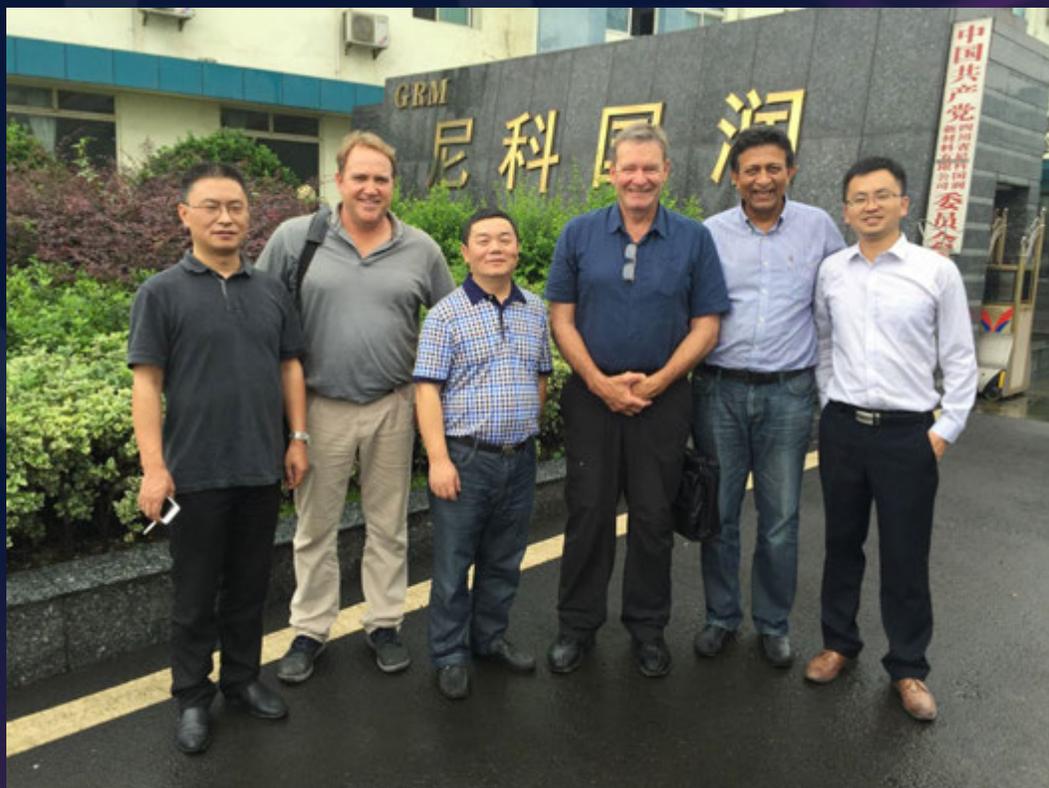


## Capital Structure

<b>ASX Code</b>	<b>TKM.ASX</b>
<b>Share Price</b> (15 <sup>th</sup> November 2022)	\$0.097
<b>Shares on issue</b>	363.9m
<b>Market Cap.</b>	\$35.3m
<b>Cash and cash equivalents</b> (30 <sup>th</sup> September 2022)	\$5.1m
<b>Enterprise Value</b>	\$30.2m

## Board of Directors

<b>Neil Biddle</b>	<b>Non-Executive Director</b>
<b>John Young</b>	<b>Non-Executive Director</b>
<b>Tony Leibowitz</b>	<b>Non-Executive Chairman</b>
<b>Valerie Hodgins</b>	<b>Non-Executive Director</b>

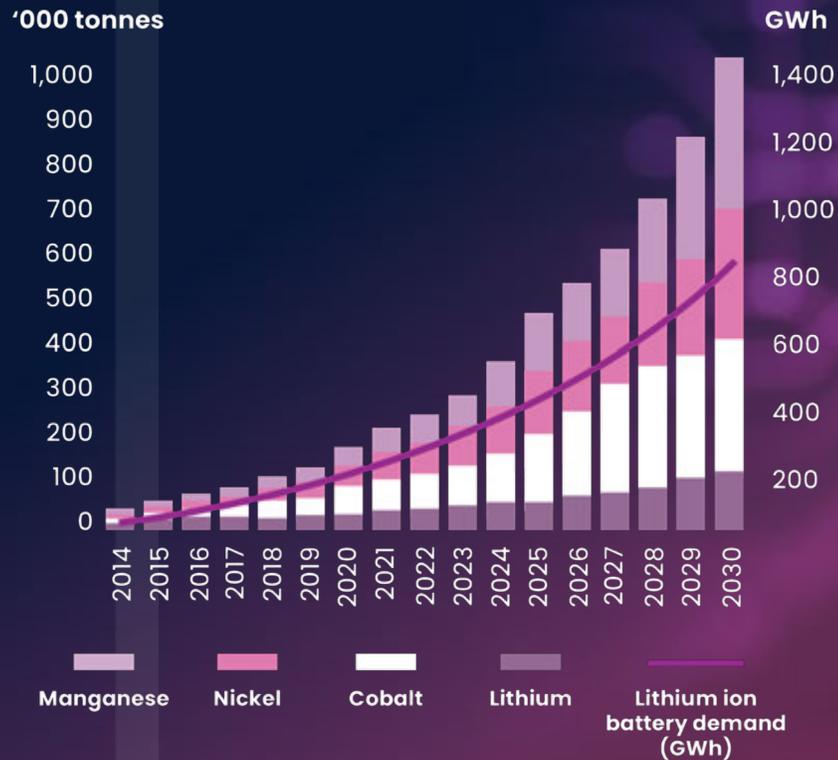


*Pilbara Minerals team securing lithium offtake, China 2015*

# Battery Metal Focus

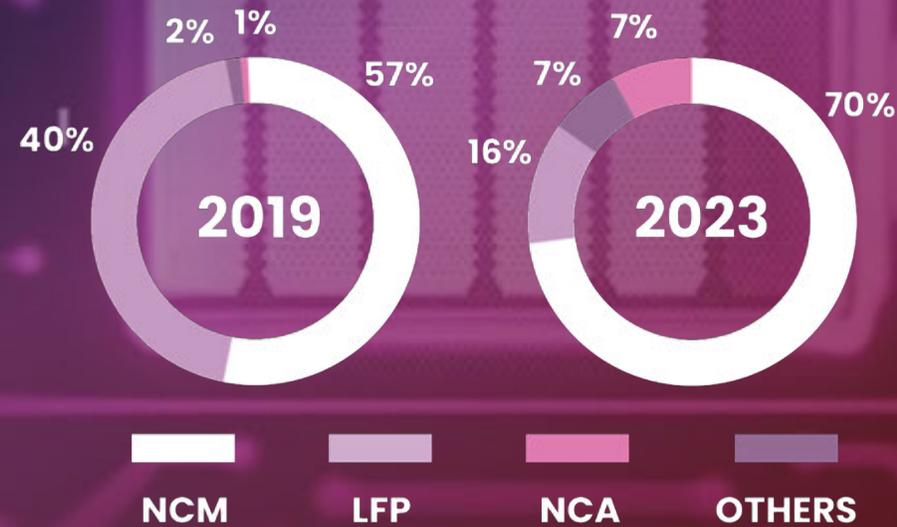
Transformational demand being driven by the burgeoning lithium-ion battery industry

Global lithium-ion and materials demand forecast from EV sales, 2015-2030 (Thousands of tonnes, GWh)



Source: Bloomberg New Energy Finance

## NCM chemistry gaining market share



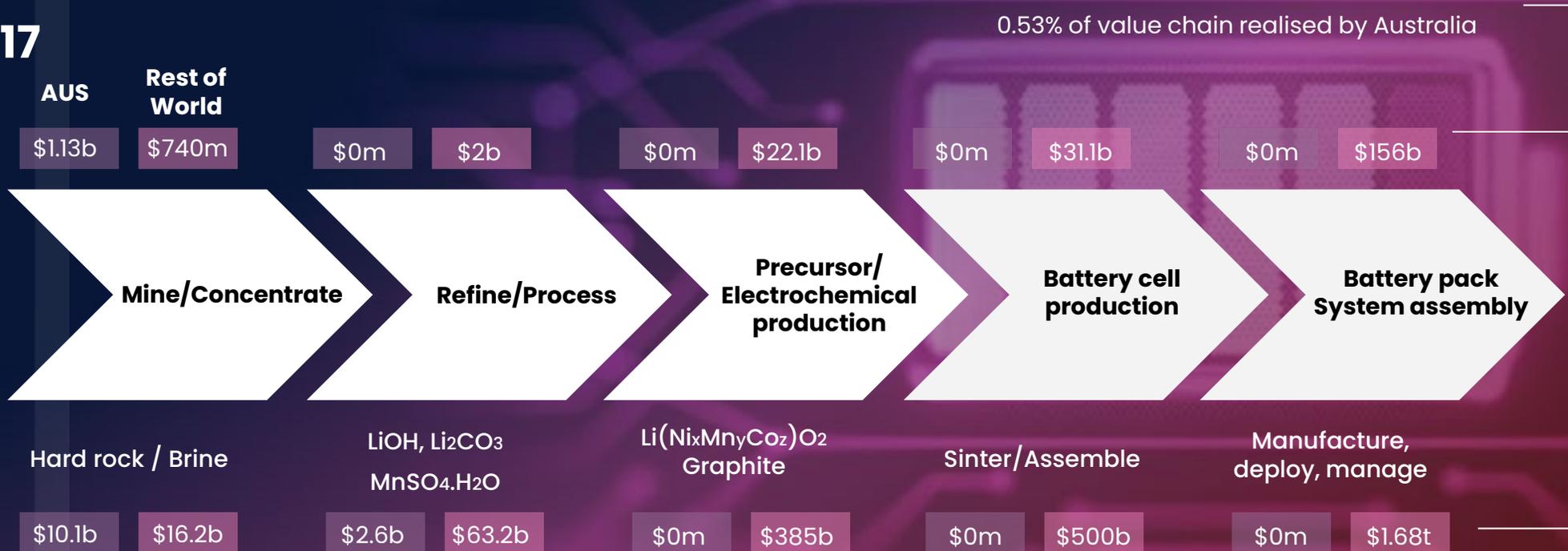
Source: FBI CRC Li-ion battery cathode manufacturing in Australia

# Battery Metal Focus



Aiming to move up the value chain by participating in downstream processing

**2017**



**2025**

0.47% of value chain realised by Australia

Source: FBI CRC Li-ion battery cathode manufacturing in Australia

# World-Class Location

The Pilbara region of Western Australia is a mining powerhouse

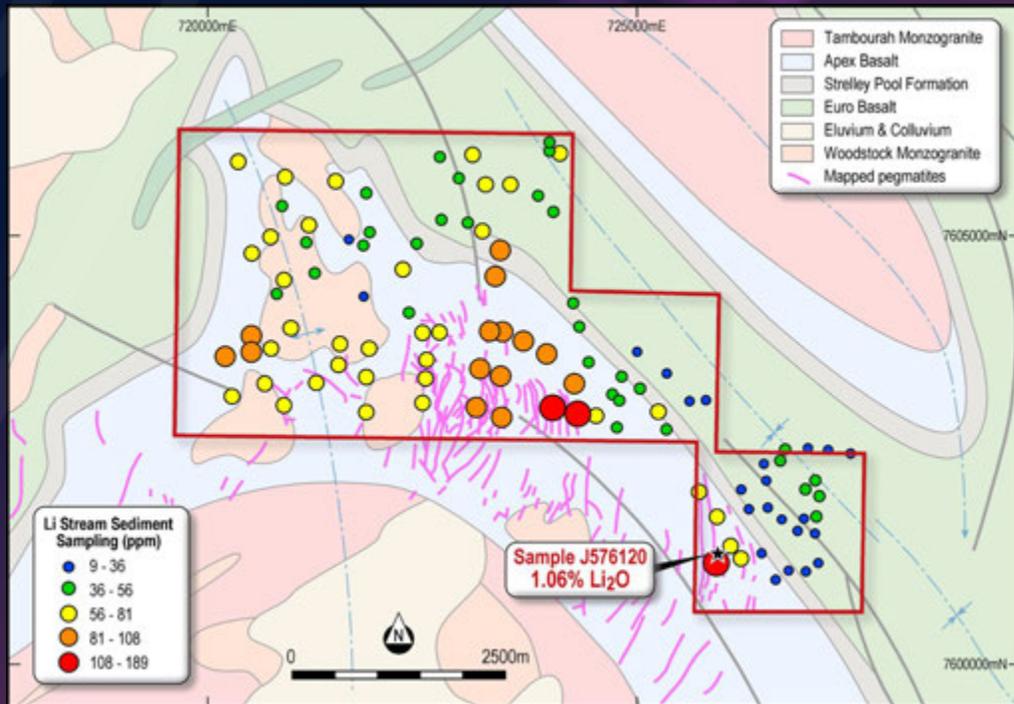
- Infrastructure-rich: roads, rail & port
- A region rich in world-class ore deposits
- Proven pathway to development in a short timeframe



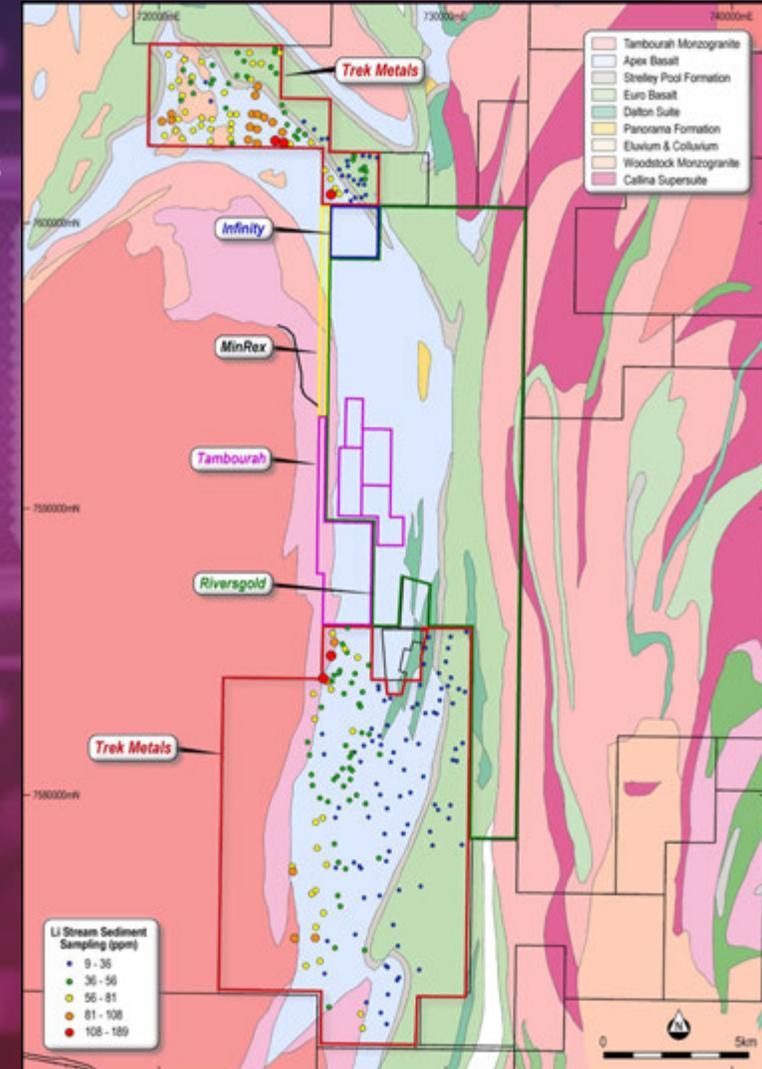
# Tambourah – Lithium

Large tenement holding with a significant Lithium-Caesium-Tantalum (LCT) pegmatite system

- Large area with elevated Li-Cs-Ta in steam samples
- Multiple pegmatites mapped at surface
- High grade lithium identified in outcrop



Tambourah North – Anomalous lithium in streams

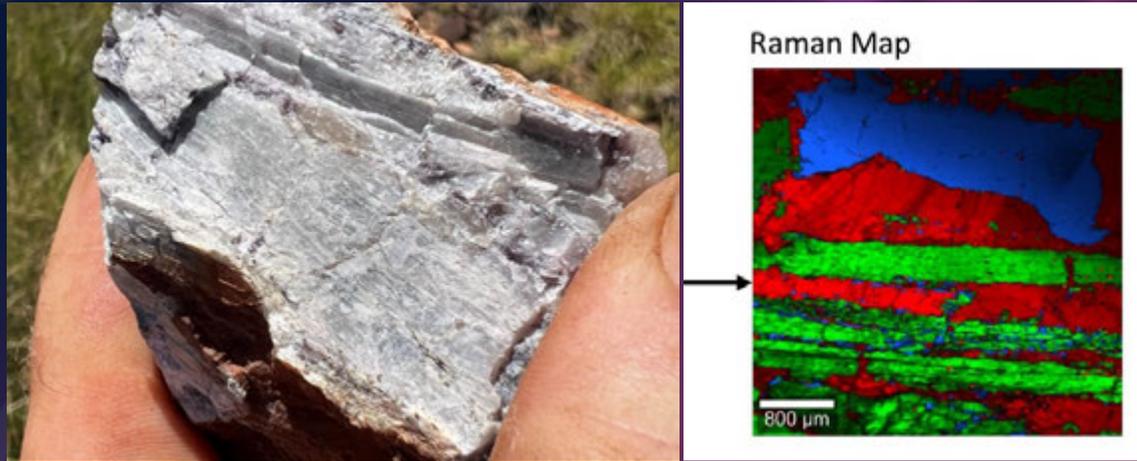


Tambourah Project – streams

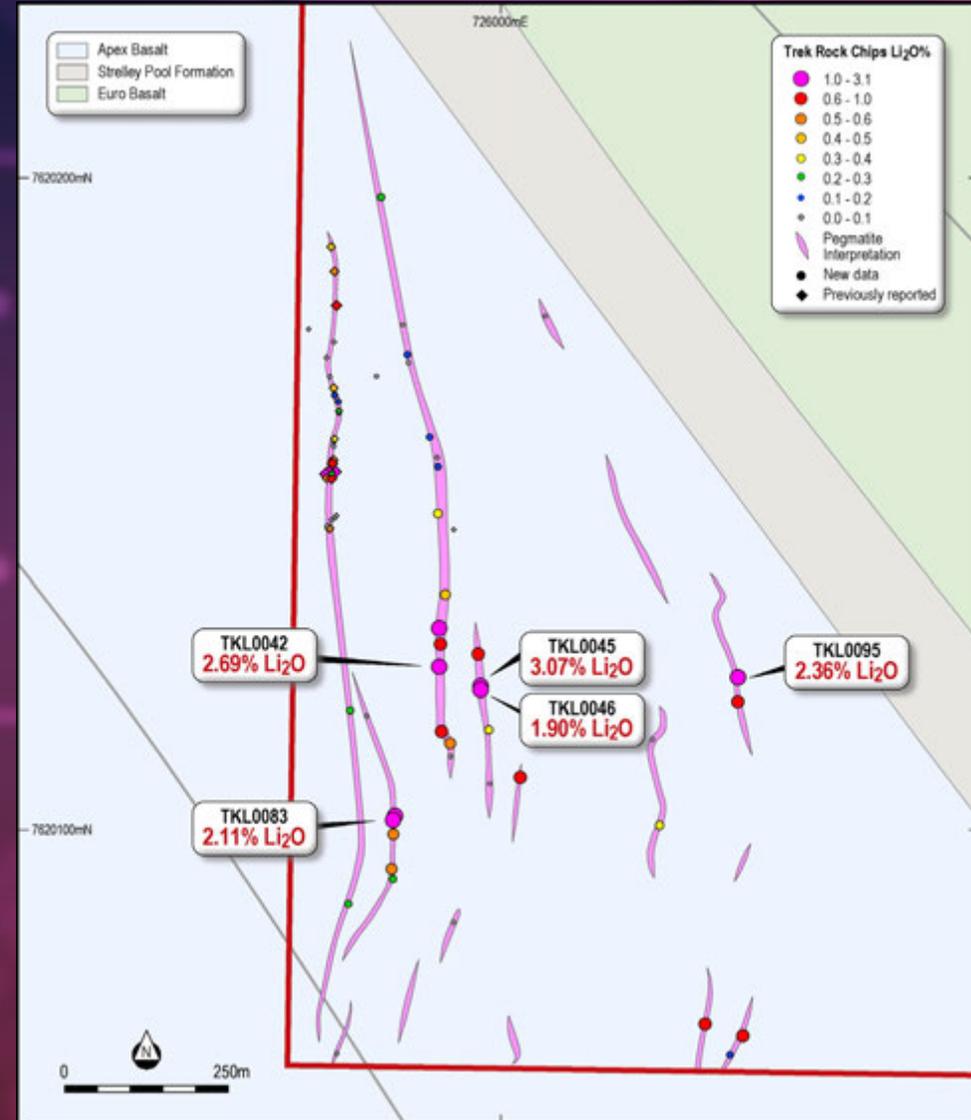
# Tambourah – Lithium

High-grade lithium & spodumene, drill targets generated

- Recent rock chip sampling returned higher grade lithium
- Spodumene confirmed across multiple dykes



Spodumene from outcrop at the Eastern Prospect (spodumene in green, quartz in blue & albite in red)

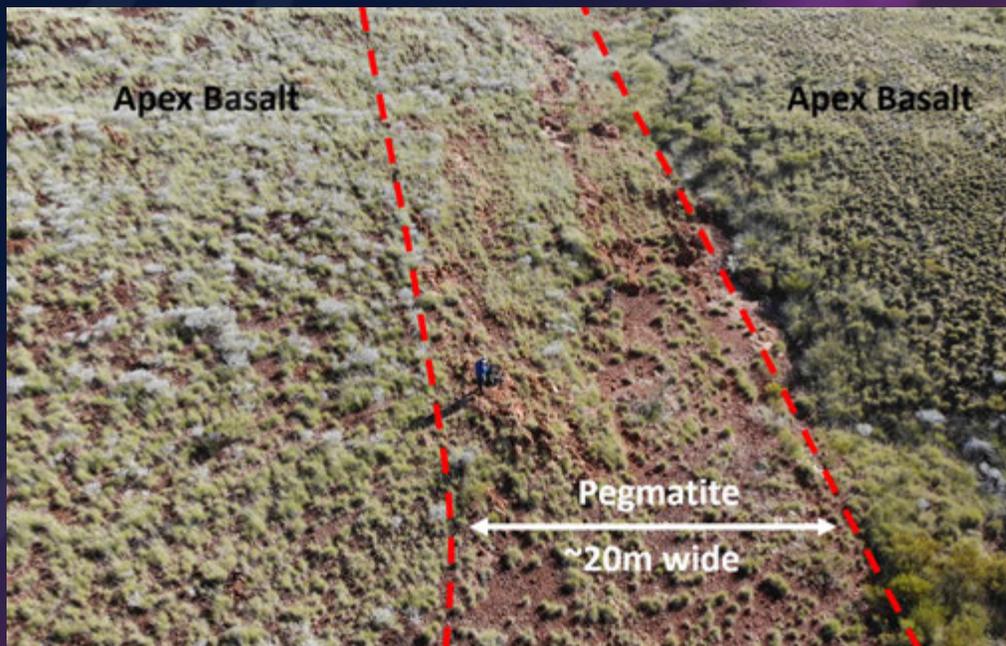


Eastern Prospect – High grade rock chips

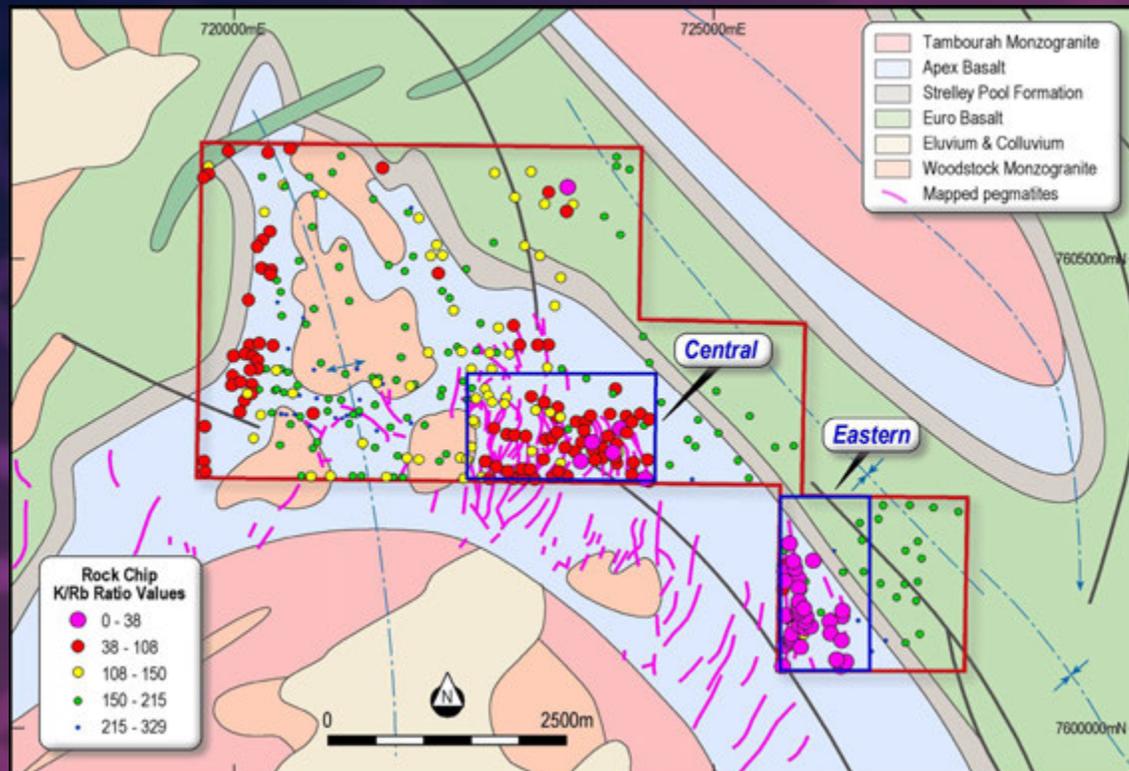
# Tambourah – Lithium

Multiple advanced exploration targets

- Thicker and higher density of fertile pegmatites at the Central Prospect
- Under-explored, entire tenement never drill tested



Central Prospect pegmatite outcrop



Tambourah North – K/Rb fractionation ratios highlight lithium prospectivity

# Hendeka – Manganese



A forgotten Pilbara battery metals asset with huge upside

- Manganese – the forgotten battery metal
- Inferred Resource 11Mt @ 15% Mn
- Upgradeable through beneficiation
- Granted tenure

	Mt	Mn%	Al <sub>2</sub> O <sub>3</sub> %	Fe%	SiO <sub>2</sub> %	P%	LOI(1000)
<b>Contact</b>	2.8	13.6	5.1	15.7	42.9	0.054	8.4
<b>Contact North</b>	8.5	15.4	3.0	15.0	42.4	0.057	8.6
<b>Combined</b>	<b>11.3</b>	<b>15.0</b>	<b>3.5</b>	<b>15.2</b>	<b>42.5</b>	<b>0.057</b>	<b>8.5</b>

Table 1: JORC Inferred Resource utilising a 10.1% Mn cut-off



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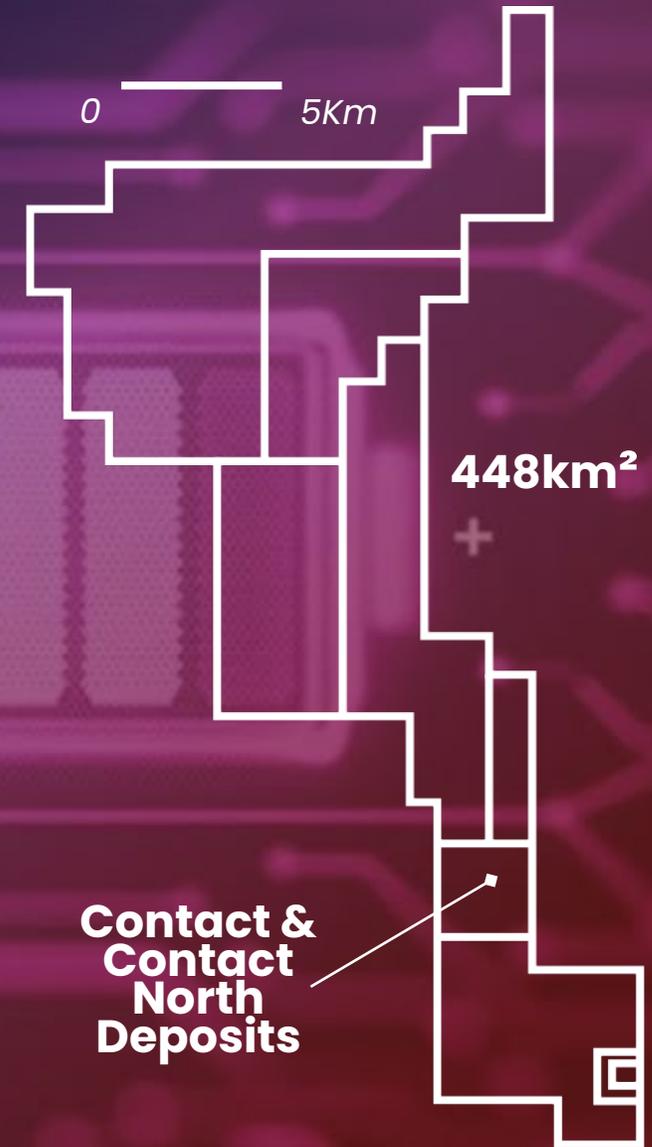
# Hendeka – Manganese

Significant growth potential, opportunity to produce a value-added product

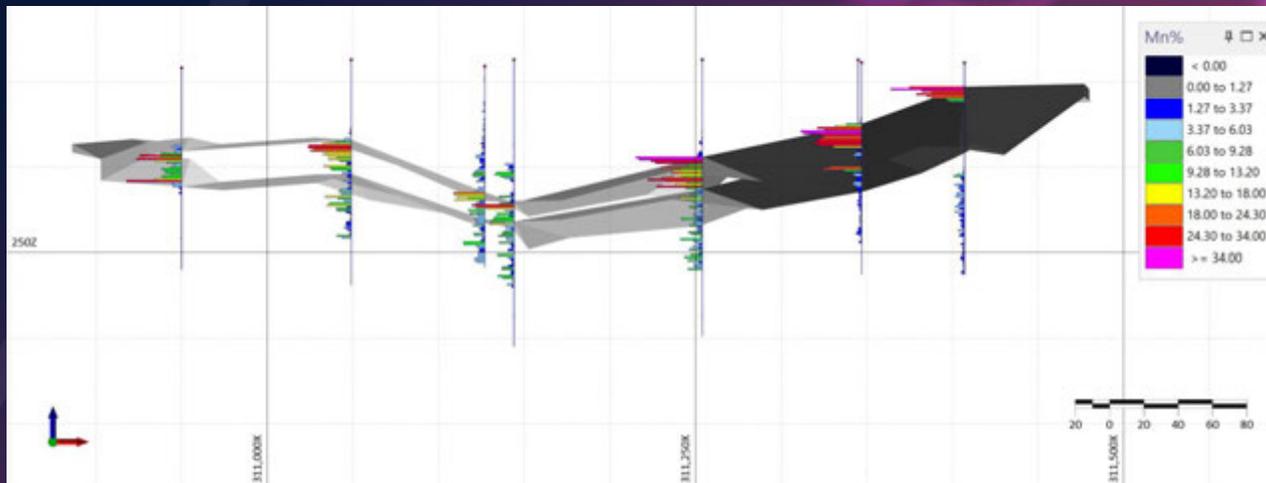
- Resource expansion
- Exploration success
- Vertical integration – produce High Purity Manganese Sulphate Monohydrate (HPMSM)



$MnSO_4 \cdot H_2O$



Large regional landholding



Contact North Deposit – Cross Section [View N 7537450 +/-20m]

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# Invest with us

## ASXTKM



**For more information please contact**

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**Come and see me at the booth for extra information**