

Critical Minerals Exploration

Gold Coast Investment Showcase



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Compliance Statement

The information in this Presentation that relates to prior Exploration Results for the Rocky Gully Project and Canadian Projects is extracted from the following announcements lodged with ASX 19 September 2022, 22 November 2022, 20 March 2023, 8 May 2023, 11 July 2024, 28 August 2024, 20 November 2024, 14 April 2025, 12 March 2024, 29 January 2025, 19 June 2024 which are available on the Company's website www.narryer.com.au and the ASX website (ASX code: NYM). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the market announcements continue to apply and have not materially changed. The Company confirm that form and context in which the Competent Person's finding are presented have not been materially modified from the original market announcement.

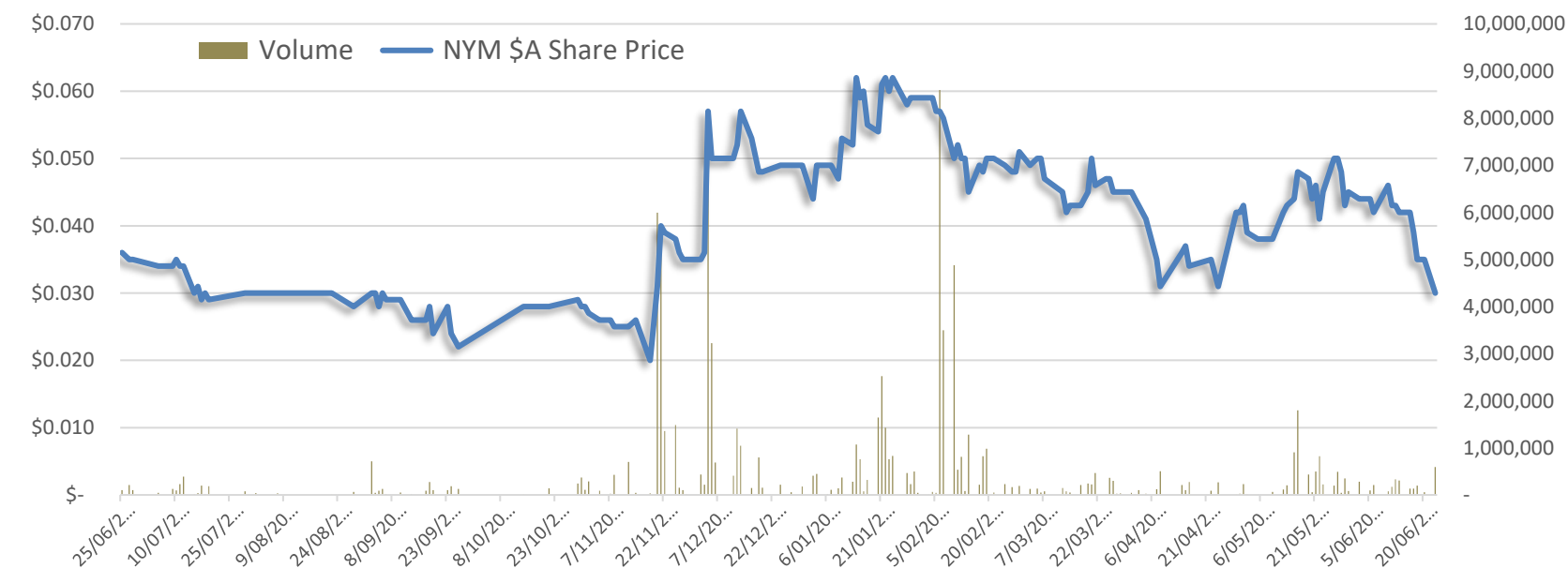
Competent Person Statement

The information in this announcement that relates to Exploration Results is based on information compiled by Dr Gavin England, a Competent Person who is a member of the Australian Institute of Mining and Metallurgy and the Australian Institute of Geosciences. Dr England is the Managing Director of Narryer Minerals Limited. Dr England declares in accordance with the transparency principles of the JORC Code that he has a personal financial interest in Narryer Mineral Limited. Dr England has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr England has consented to the inclusion in this Public Report of the matters based on his information in the form and context in which it appears.

CORPORATE OVERVIEW

STOCK CODE	ASX:NYM
Current Shares on Issue	176,054,803
Market Cap (@ 0.03 cents 24/04/2024)	~\$5.2M
Cash (31 March 2025)	\$1,860,000
Options (@ \$0.10, 2026-2027)	3,500,000
Options (@ \$0.30, 2025-2027)	12,000,000
Performance Rights	4,710,000

RECENT SHARE TRADING



SHAREHOLDER COMPOSITION

Horley Pty Ltd	17.0%
Directors and related parties	5.2%
Top 10 Shareholders	41.9%

BOARD OF DIRECTORS



Richard Bevan
Executive Chairman



Dr Gavin England
Exec Director (Technical)



Philip Warren
Non-Executive Director

CRITICAL MINERALS EXPLORATION

Advancing a portfolio of **critical minerals projects** across **Australia** and **Canada**.

- **Rocky Gully** has **delivered a high-grade scandium, gallium, and REE discovery** linked to a potential **carbonatite system**.
- **Muckanippie Project** (Petratherm JV) has **discovered titanium-rich heavy mineral sands** and associated critical minerals.
- Projects in a highly prospective and underexplored region in **Canada's Northwest Territories**

01

ROCKY GULLY PROJECT

HIGH-GRADE
**SCANDIUM, GALLIUM
& REE DISCOVERY**

Western Australia

02

MUCKANIPPIE PROJECT

Petratherm JV (ASX:PTR)

**TITANIUM-RICH HEAVY
MINERAL SANDS**

South Australia

03

CRITICAL MINERALS

**STRATEGIC CRITICAL
MINERALS & LITHIUM
PROJECTS IN NWT**

Canada



ROCKY GULLY PROJECT (100% NYM)

A New Critical Mineral Discovery

- Up to **1.8 % Total Rare Earth Oxide (TREO)** and high-grade **512 ppm Scandium oxide (Sc_2O_3)** and **104 ppm Gallium oxide Ga_2O_3** in assays
- MREO (magnet REE) up to 0.6% of REE mineralisation
- Mineralisation is **shallow** and hosted in unconsolidated regolith **clays**, favourable for low-cost mining and processing
- Drilling intersects of carbonatite dikes and related alteration - **Potential for discovery of larger mineralised system**

China restrictions on exports of Sc, Ga and REE position Rocky Gully is a potential new, low-cost source



Drilling confirms multi-commodity critical minerals project



High value Scandium, Gallium and REE



Follow-Up program to confirm metallurgy, extend high-grade mineralization and test new targets



FOCUS ON HIGH VALUE CRITICAL MINERAL PRODUCTS

- Drilling has identified a large mineralised system at surface
- Targeting high value Scandium and Gallium and Magnetic REE
- Metallurgy and beneficiation studies underway to determine processing options
- Evidence for the potential for a larger critical mineral system in the bedrock



Praseodymium

EST PRICE – **US \$56 / Kg**
ROCKY GULLY MAX
GRADE – 1128 ppm
 Pr_6O_{11}

Neodymium

EST PRICE – **US \$55 / Kg**
ROCKY GULLY MAX
GRADE – 4467 ppm
 Nd_2O_3

Dysprosium

EST PRICE – **US \$198 / kg**
ROCKY GULLY MAX
GRADE – 180 ppm
 Dy_2O_3

Terbium

EST PRICE – **US \$871 /Kg**
ROCKY GULLY MAX
GRADE – 44 ppm Dy_4O_7

Scandium

EST PRICE – **US \$630 / Kg**
ROCKY GULLY MAX
GRADE – 582 ppm
 Sc_2O_3

Gallium

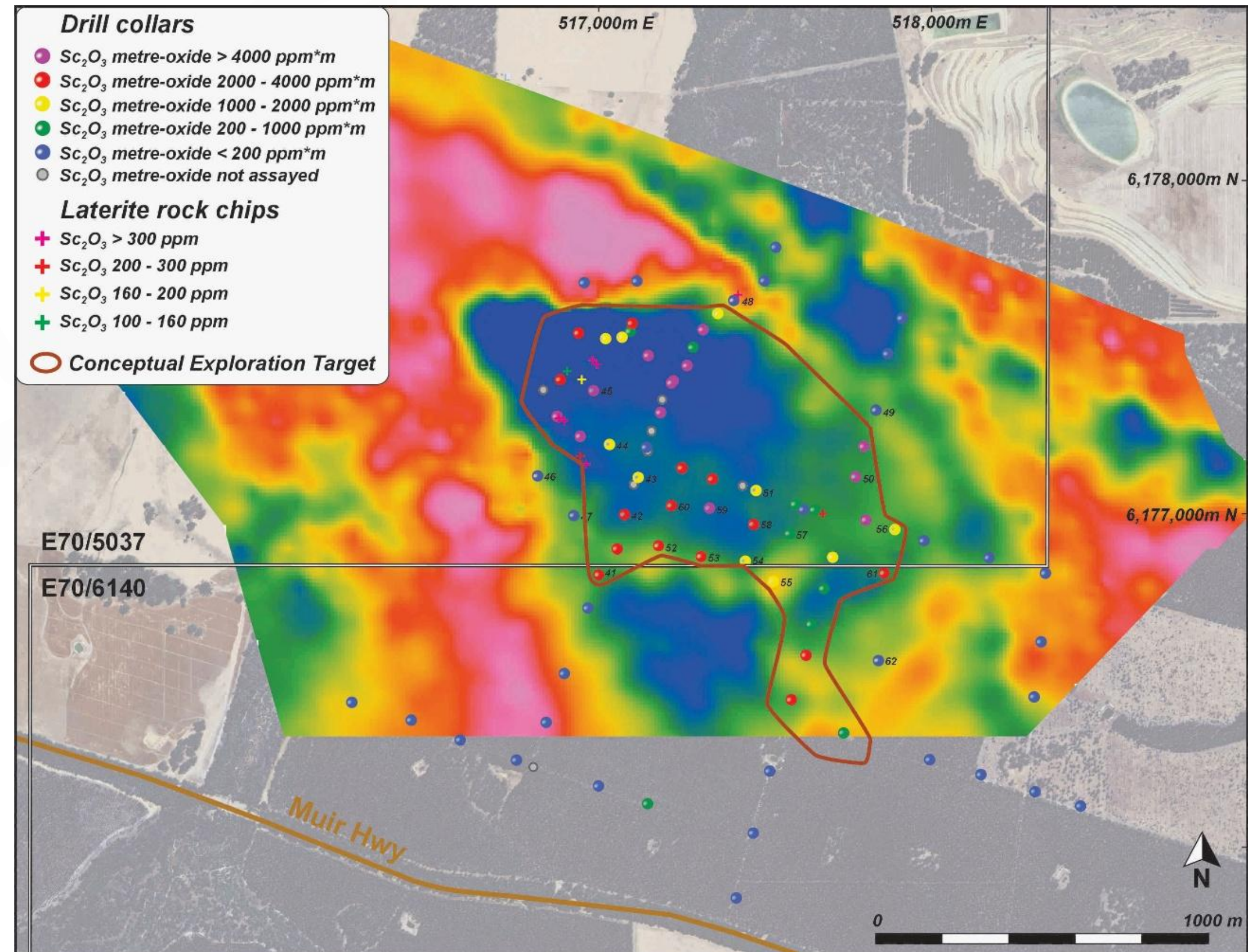
EST PRICE – **US \$405/ Kg**
ROCKY GULLY MAX
GRADE – 104 ppm
 Ga_2O_3

SHANGHAI METAL MARKET METAL OXIDE PRICES

ROCKY GULLY PROJECT

Critical Minerals Discovery

- Mineralisation **from surface to 30m** depth, over an area 1400m by 800m
- Hosted in unconsolidated clays
- **Scandium** - some of the highest grades of Sc_2O_3 reported (>500 ppm) in WA^{1,2}
- High grade **Gallium** (> 50 ppm Ga_2O_3) over widths of 10 to 20m
- **REE** - High grade (> 1% TREO), with significant % in high-value Magnet Rare Earths¹
- Mineralisation grades generally higher than typical clay hosted projects in Australia



Magnetic image with Scandium oxide x metre shows extent of REE content

¹ NYM ASX Announcement 28 August 2024

² NYM ASX Announcement 20 November 2024

ROCKY GULLY PROJECT

Significant Advantages for Development

- Project sits on farming land and blue gum plantations
- Muir Highway adjacent to project, only 50km west of the town of Mt Barker
- Multiple transport options with existing ports of Albany, Bunbury and Kwinana
- Recently WA Government announced Strategic Industrial Areas * (SIA) include:
 1. Mirambeena, 86 km by road
 2. Shotts, 217km by road
 3. Kemerton, 260km by road



Muir Hwy, Rocky Gully

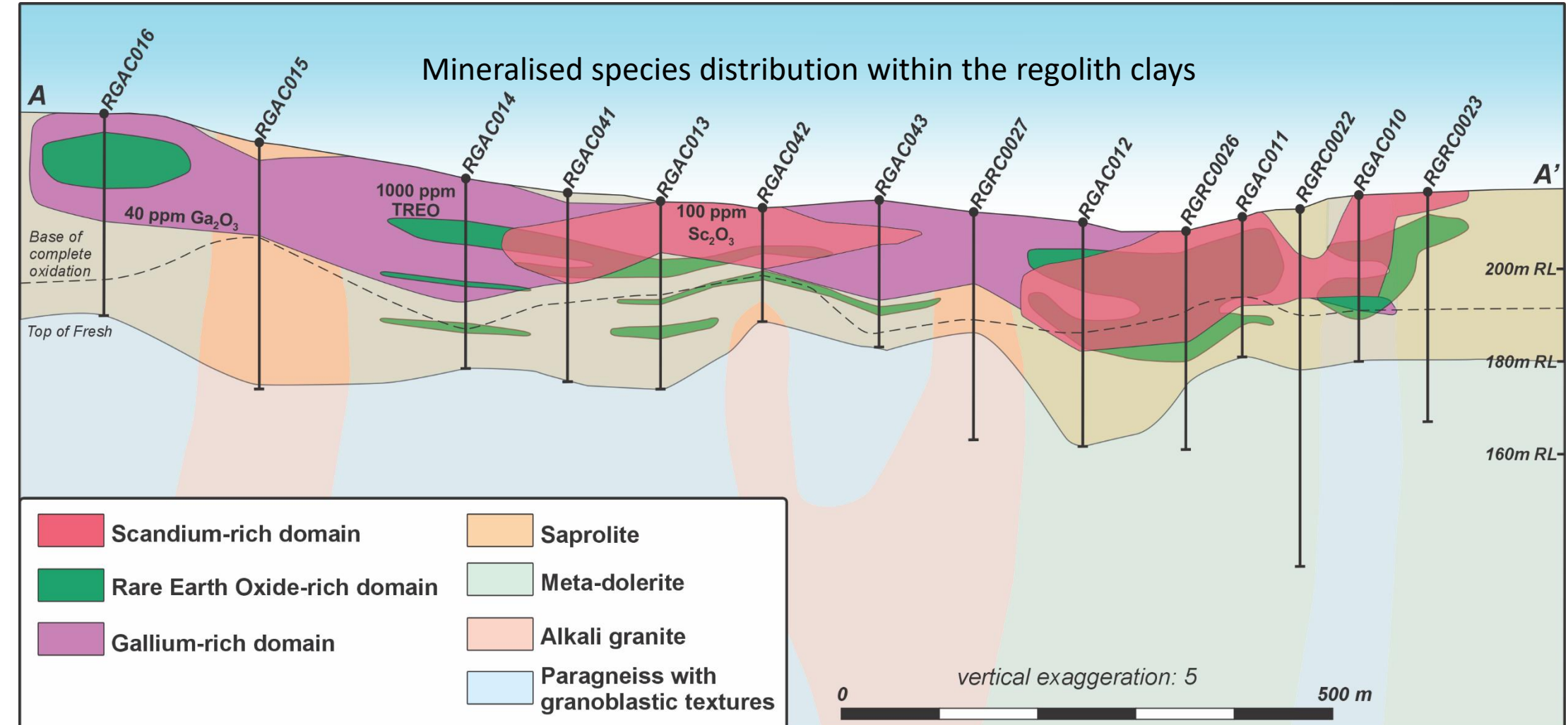


Port of Albany

*Source - <https://www.wa.gov.au/government/publications/western-australias-strategic-industrial-areas>

FORWARD PROGRAM AT ROCKY GULLY

- NYM participating in state and federal government co-funded MRIWA study¹
- Examining both conventional and newly developed organic acid extraction methods for REE (and Ga, Sc) in Clays
- Leach test work currently underway at Curtin University, WA
- Independent metallurgist engaged to devise potential processing pathway
- Current focused on beneficiation – physical upgrade of ore by screening methods
- Metallurgy will inform targets for next phase of drilling



Drill cross section showing extent of scandium and gallium mineralisation within the regolith at the Ivar Prospect.



¹ NYM ASX Announcement 23 January 2025

MUCKANIPPIE PROJECT (NYM/PTR JV) - GAWLER CRATON SA

A New World-Class Titanium Discovery

- High-grade titanium heavy mineral sands
- Rosewood Prospect mineralisation open to the north and improving in grade and thickness
- NYM JV Tenement contains circa 30-40% of the current Rosewood mineralised area
- Best Rosewood intersection - 16m @ 12.1% HM from 14m, incl. 8m @ 19.6% HM from 15m¹
- High Value product, dominant in rutile and leucoxene
- Other northern targets at Claypan, Nardoo and Dukes sit on NYM JV tenure

Potential Tier-1 Titanium Project



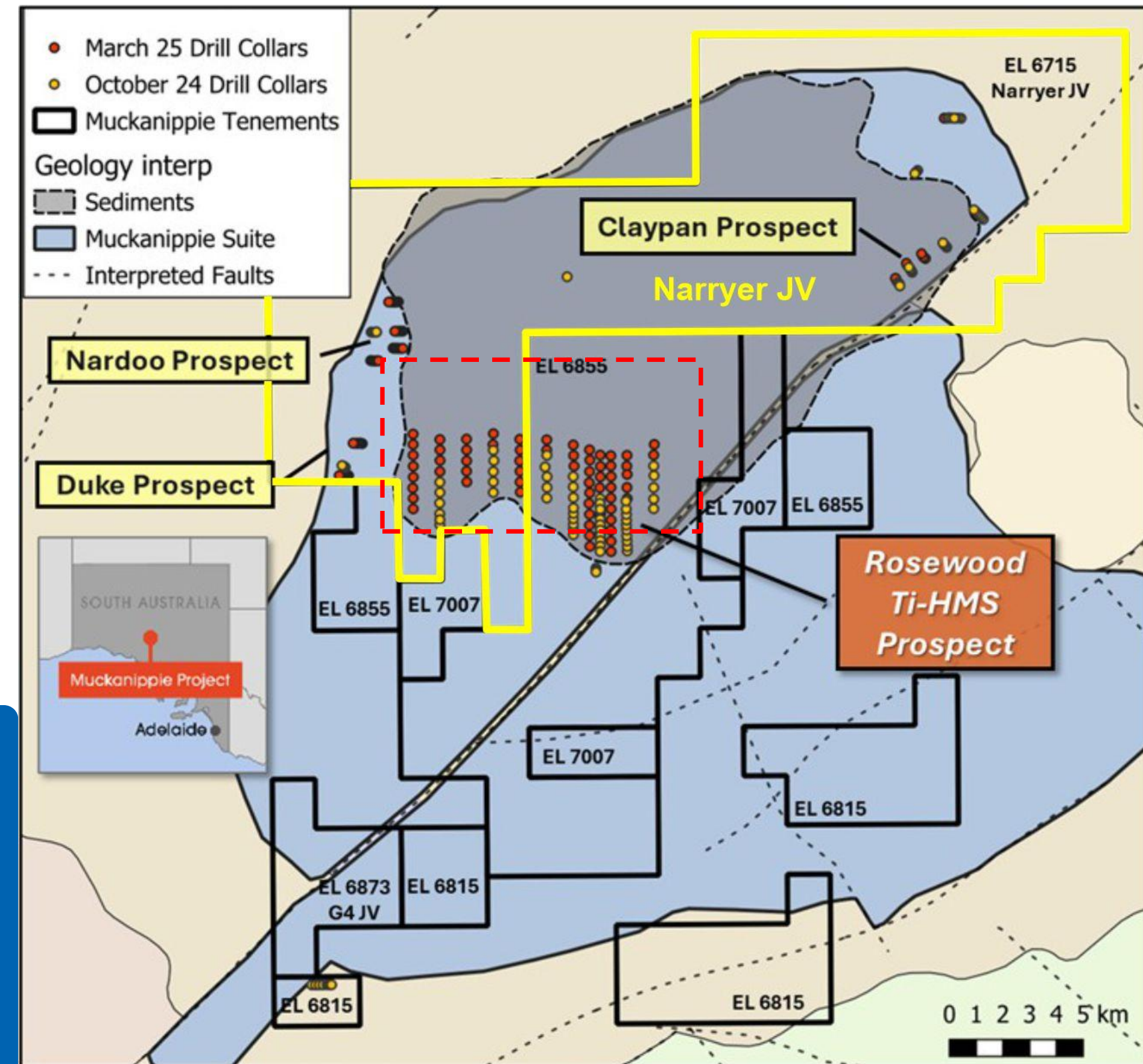
Drilling confirms high-grade HM concentrates



High-Value \$ Titanium products identified



Drilling extensions of high-grade mineralisation and northern targets



Geology Map of Muckanippie Project Area, Tenements, Prospect Names and drill collars.

¹Petratherm Limited ASX announcement 6 February 2025

- **Titanium** is on the critical minerals list for Australia, US and EU
- Used in EV's and battery storage, wind technology, pigments, and as an alloy in steel and superalloys.
- At Rosewood prospect, high grade titanium rich heavy mineral sands (HMS) striking over 8km, with ~ 3.5 km within the NYM JV tenure¹
- Mineralisation is **thick** (averaging ~12m), **near surface** and **open to the North**
- **Coarse grained** - HM particle size ideal for low-cost extraction (90% > 75 micron)⁴
- Trial heavy mineral separation tests show **high grade** Heavy Minerals (HM) of up to 28% HM¹
- Early-stage analyses at Rosewood indicate **a high value product** with 19-21% Rutile, 4-7% Anatase and 68-70% Pseudorutile^{2,3}.
- Early-stage drilling and heavy mineral separation at northern prospects **Nardoo, Dukes and Claypan** show thick mineralised intersections (40-60m) with grades up to 30% HM on **NYM JV tenure**⁵



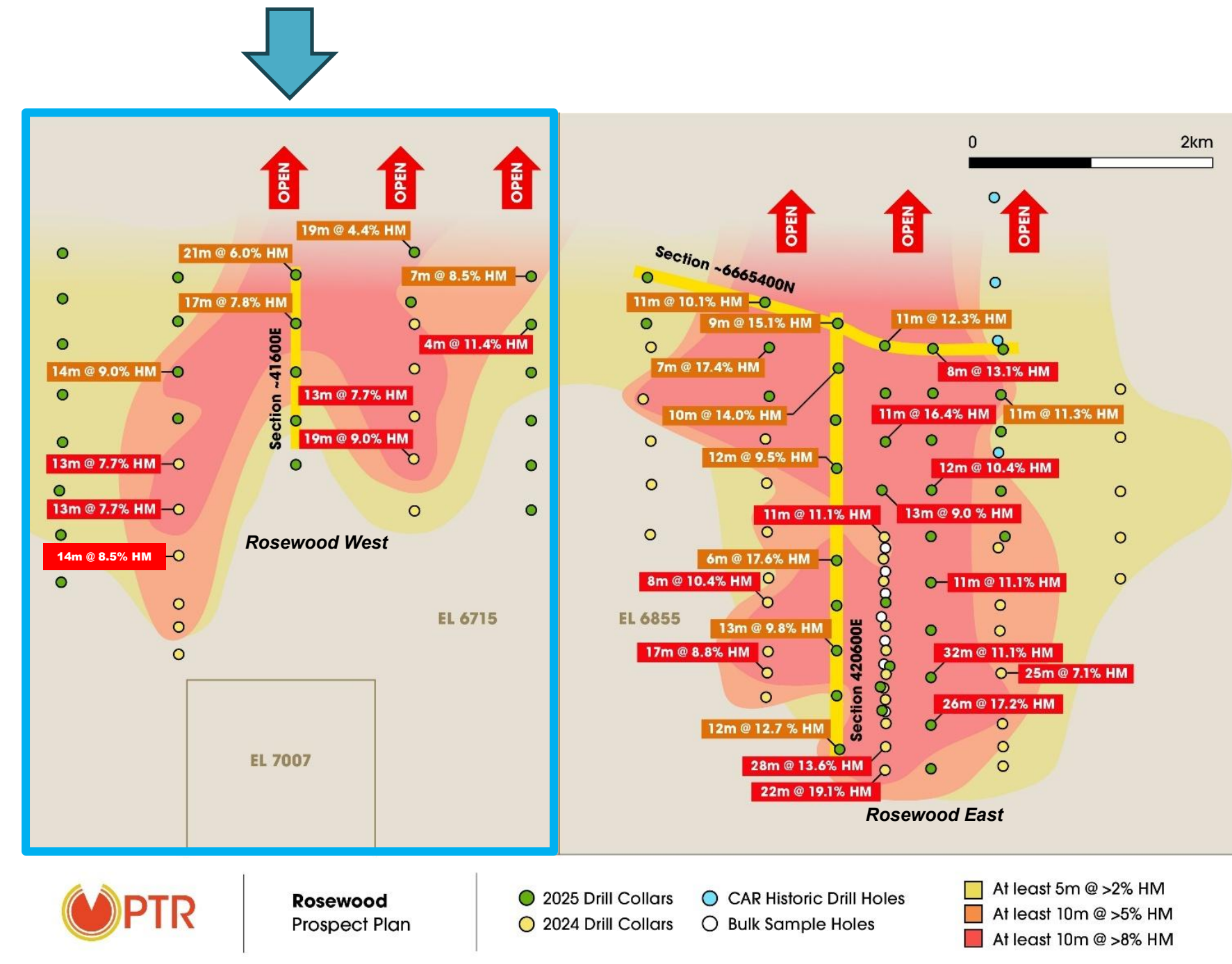
Rosewood Drilling Area

- Recent Rosewood drilling tested ~1.2km extension to the north
- 26 holes on the NYM JV ground
- **Results now shows continuous mineralisation to the north which is open-**
 - 25RW052 – 17m @ 7.8% HM from 8m, incl. 6m @ 15.2% HM from 19m
 - 25RW053 - 21m @ 6.0% HM from 6m, incl. 8m @ 9.4% HM from 9m
- **Mineralisation to the north also appears to be thickening into the basin**
- **Drilling recommences** this week to test prospective ground to north of current program area at Rosewood
- Heavy mineral analysis to soon commence on Rosewood West HM concentrates



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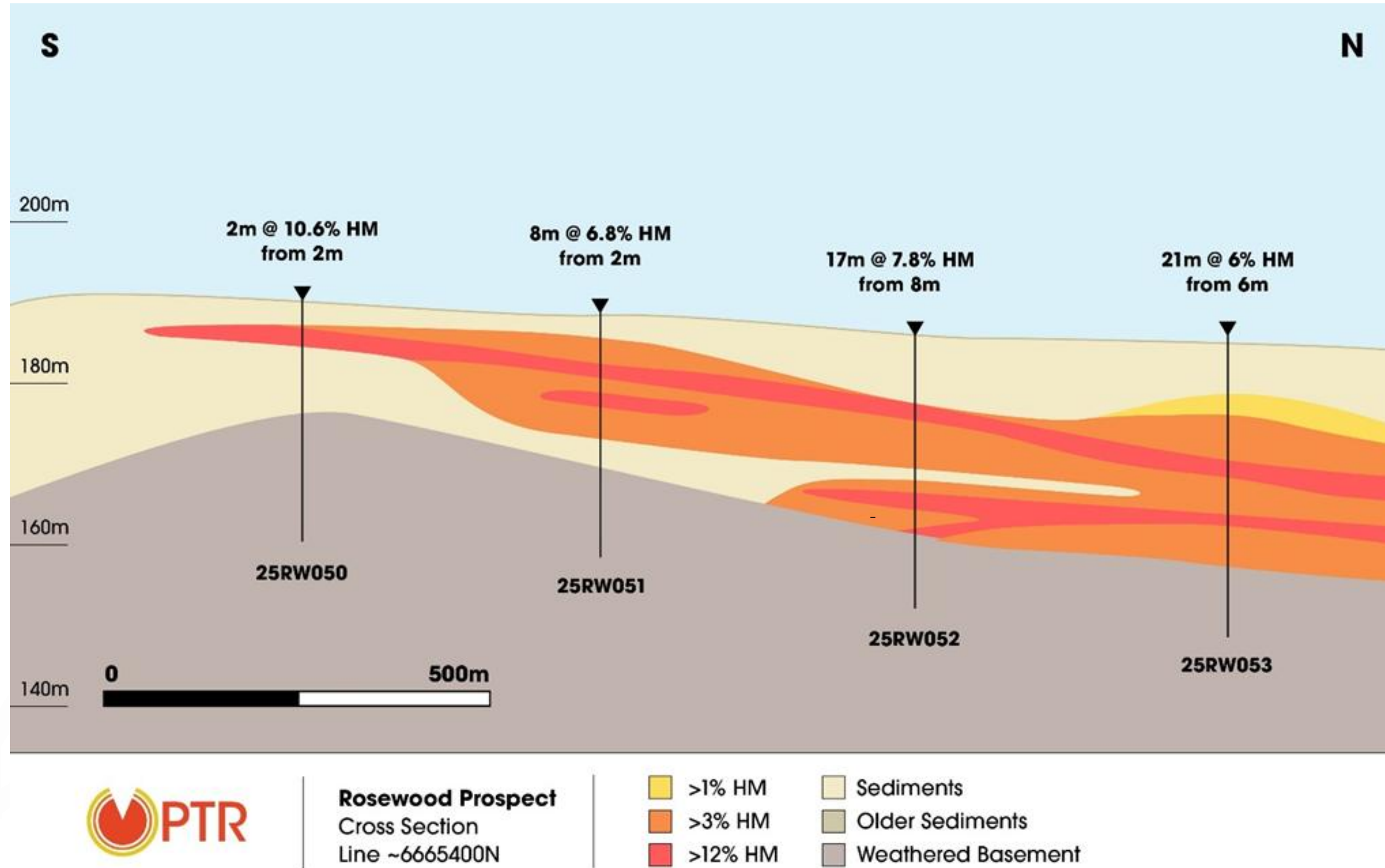
ROSEWOOD WEST DRILLING RESULTS



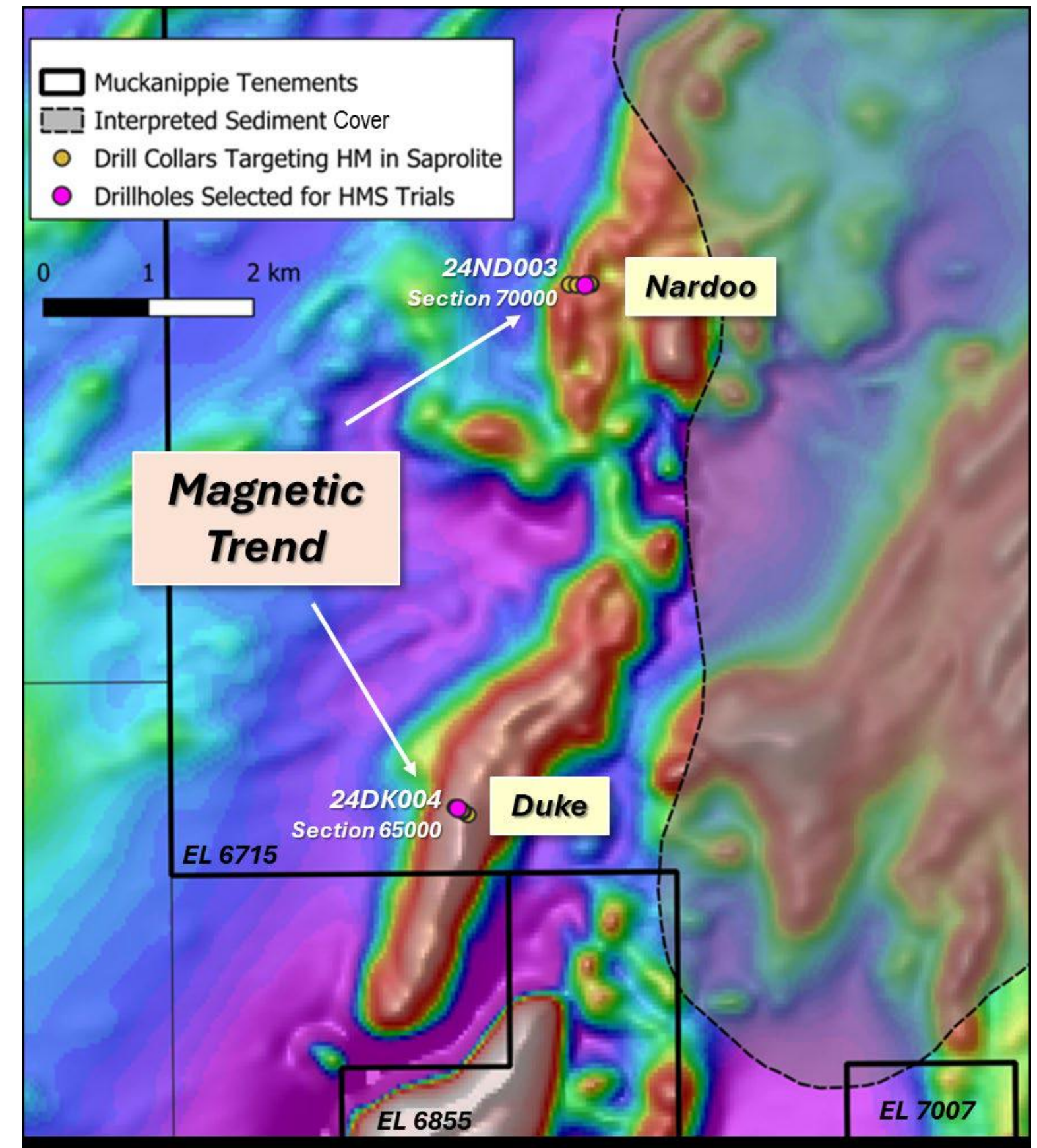
Rosewood Prospect plan of drill collar locations, significant drill assay results and section locations.

¹Petratherm Limited ASX announcement 23 June 2025

MUCKANIPPPIE JV – ROSEWOOD WEST CROSS SECTION



- Potentially a very large tonnage project
- Mineralisation at Duke and Nardoo occurs along a magnetic trend, that is **16 kilometres long, most remains unexplored**
- Mineralisation hosted in soft, easily minable saprolite clay
- Style of mineralisation is analogous to the Sovereign Metals (ASX: SVM) Kasiya Deposit in Malawi.
- Claypan Prospect shows high-grade titanium mineralisation assoc. with discrete magnetic features,
- Visual estimates suggest predominantly ilmenite with associated higher valued leucoxene
- Assay and HM analysis results from 55 drill holes testing HMS saprolite targets at Duke, Nardoo and Claypan prospects are expected in coming weeks



Magnetic image of Nardoo-Duke Prospect areas and 2024 drill collars. Note mineralisation occurs along a regionally extensive magnetic horizon which extends over a 16 kilometre trend on the Muckanippie Project Area.

DRILLING RESULTS ON THE JV TENURE¹

- Shallow, high-grade heavy mineral (HM) concentrates of up to **30% HM**
- TiO₂ assays up to 30%
- Preliminary HM separation tests have returned thick (**40 to 60m**) high-grade results

Nardoo Prospect:

44m @ 29.4% HM from surface to EOH

Duke Prospect:

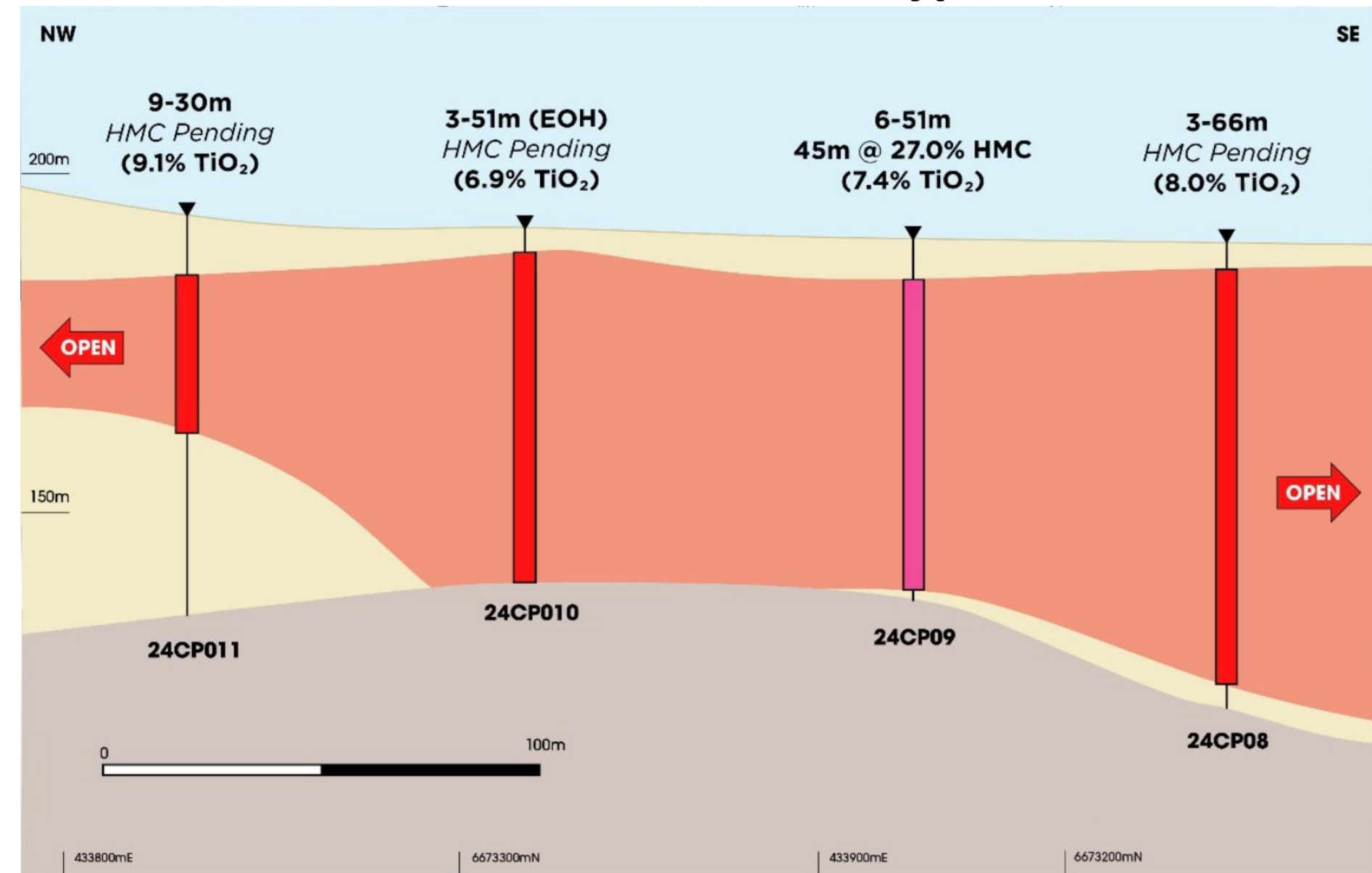
61m @ 19.7% HM from surface EOH

Claypan Prospect:

45m @ 27.0% HM from 6m

48m @ 23.5% HM from 10m to EOH

Claypan Cross Section



Claypan
Section 73250

Interpreted HM Zone
(Using >3% TiO₂ Proxy)

Drill Hole

Saprolite Zone

Basement Zone

Claypan Prospect – Cross section 73250 showing HM intercepts and extent of TiO₂ mineralisation.



Multi-Commodity Exposure in Tier-1 Jurisdictions

Diversified exploration portfolio across **Australia** and **Canada** with exposure to **scandium**, **REEs**, **titanium**, **gallium**, and other critical minerals *essential to future technologies*.



High-Grade Critical Metals Discovery at Rocky Gully

High-grade scandium, **gallium**, and **rare earth elements (REEs)**, linked to a potential carbonatite system—*a highly prospective and strategic geological setting*.



High Grade Titanium HM at Muckanippie Project (ASX:PTR JV)

- Impressive drill results continue from Potential Tier 1 Project
- Mineralisation remains open and extensional drilling is underway.
- This is an *early-stage project with exceptional upside potential*.

For More Information



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APPENDICES





GALLIUM

China sanctions makes western supplies vital

Used in electronics, with manufacture of semi-conductor wafers, diodes, LEDs, photo detectors and solar cells



SCANDIUM

Makes aluminium stronger

Critical Minerals List – Australia, Canada, United States of America and Europe



MAGNETIC RARE EARTHS

High-Value REE

Critical application in REPMs used in high-end and ultra-efficient motors for electric vehicles and wind turbines

Scandium – High-Value REE

Makes Aluminium Stronger

- Scandium (Sc) is on the Australian, Canadian, US and EU critical minerals list
- Key use is in the production of highly specialised aluminium-scandium (Al-Sc) alloys.
- Historically used in the high-tech and military aviation industry (jet fighters)
- Growing applications in the aerospace industry, energy sector as a key component in solid oxide fuel cells (SOFC), automotive industry, sporting equipment (high-end bicycles) and in 3D printing technology
- Most of the world's scandium is sourced from China, which has now placed trade restrictions
- Western economies have a limited source of scandium and as its application to new technologies grows, reliable, long-term sources will be required from countries like Australia
- Rio Tinto recognise the importance of Scandium and is becoming a major player in the Scandium Market, with the purchase of Australian Sc project and entering production from its refineries in Canada¹
- The USGS quote **price \$2,100 to \$3,900** per kg for scandium oxide²



¹ Source - <https://www.riotinto.com/en/can/products/scandium>;

²USGS Scandium Fact Sheet 2024. See <https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-scandium.pdf>

China Sanctions Makes Western Supplies Vital

- Gallium (Ga) is a critical mineral used in electronics, with the manufacture of semiconductor wafers, diodes, LEDs, photo-detectors and solar cells
- Gallium Nitrate (GaN) will also have increased use in light weight and higher speed chargers, as they produce less heat as conventional silicon-based chargers
- According to the US Geological Survey¹, China has > 90 % of the global production and hold ~86% of the World Reserves
- **In late 2024, China placed an export control ban on Gallium**
- Alternate sources are required for manufacture of high-end electronics globally
- Gallium is at a high price and an in-demand commodity, up ~50% in price since **Aug 2023 to currently \$400/Kg US²** in China and over **\$500 / Kg delivered to Europe³**

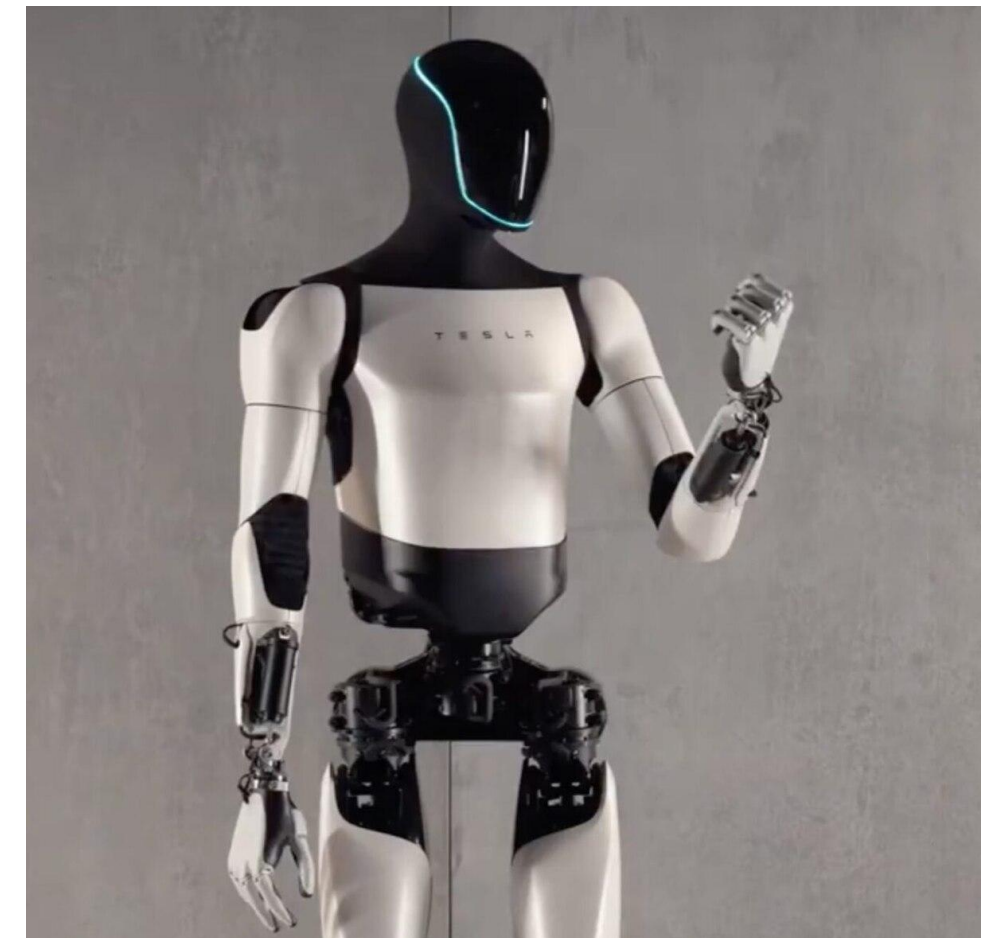


¹Source USGS - <https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-gallium.pdf>; ² Source of Gallium oxide price - <https://tradingeconomics.com/commodity/gallium>; ³ Bloomberg New, 3 April 2024

Magnetic Rare Earths

High Value REE

- Magnet Rare Earth Elements consist of Praseodymium (Pr), Neodymium (Nd), Dysprosium (Dy) and Terbium (Tb) and capture > 90% of the value in the REE market
- Critical application in rare earth permanent magnets (REPMs), used in high end and ultra-efficient motors for electric vehicles and wind turbines
- Magnet REE are also important for use in semiconductors and other electronic components (e.g. Mobile Phones and computing), high temperature fuel cells, military equipment, nuclear reactors, and medical equipment (X-ray)
- China has implemented export restrictions on magnet rare earth elements – as well as permanent REE magnets – with supply now critical to the western world
- Announcements in Australia regarding the requirement for a REE stockpile¹
- Tesla Optimus Gen 2 robot contains ~3.5 kg of Nd magnets. Production has now been hindered. Projected 1 million robots per year to be produced by 2030². Tesla will need to source 3.5 tonnes of Nd magnets.

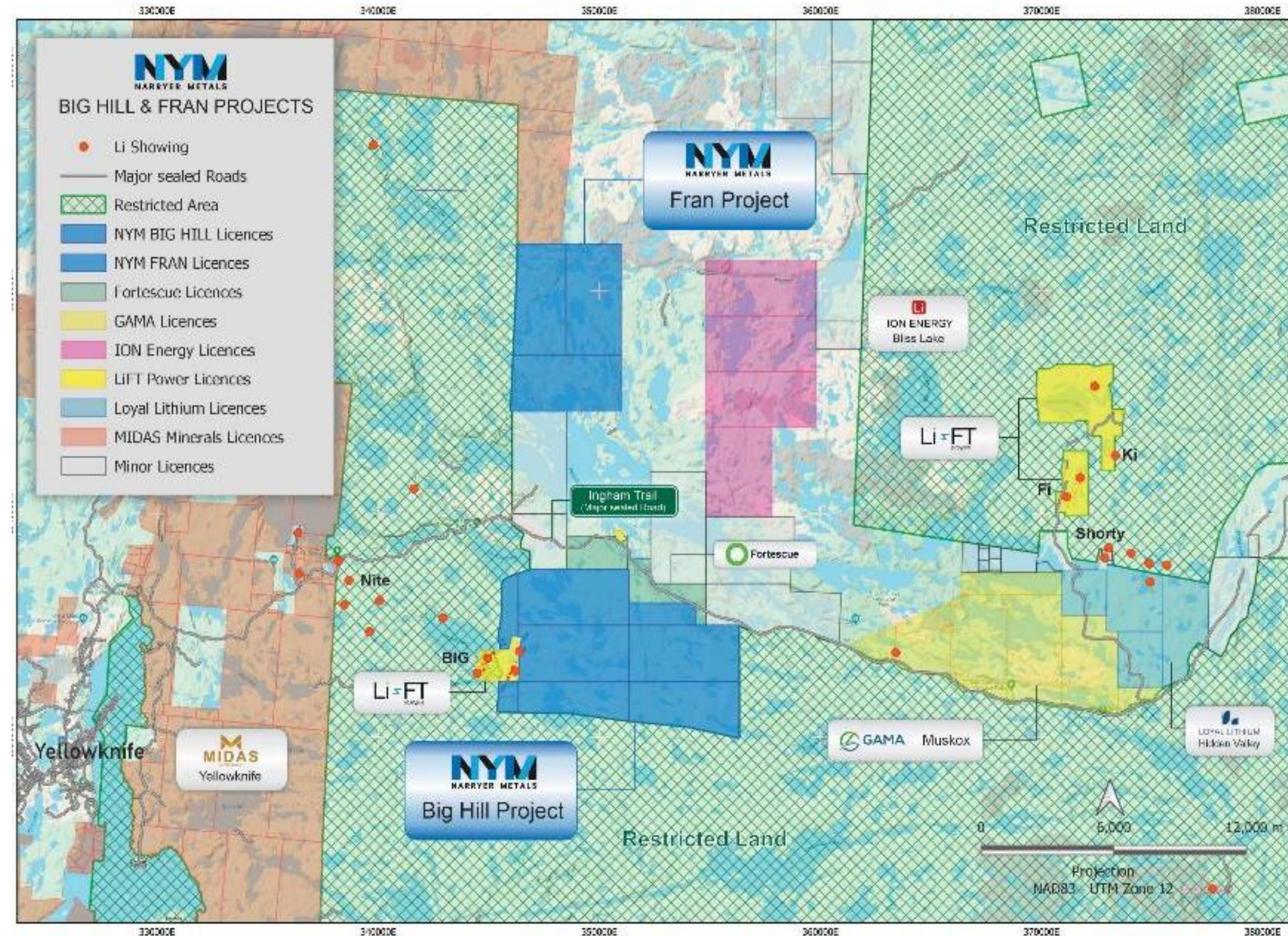


¹Source : <https://stockhead.com.au/resources/high-voltage-miners-welcome-aussie-1-2bn-critical-minerals-stockpile-plan/> :

²Source - <https://www.reuters.com/business/autos-transportation/musk-says-teslas-optimus-humanoid-robots-affected-by-chinas-export-curbs-rare-2025-04-23/>

A Lithium Hotspot

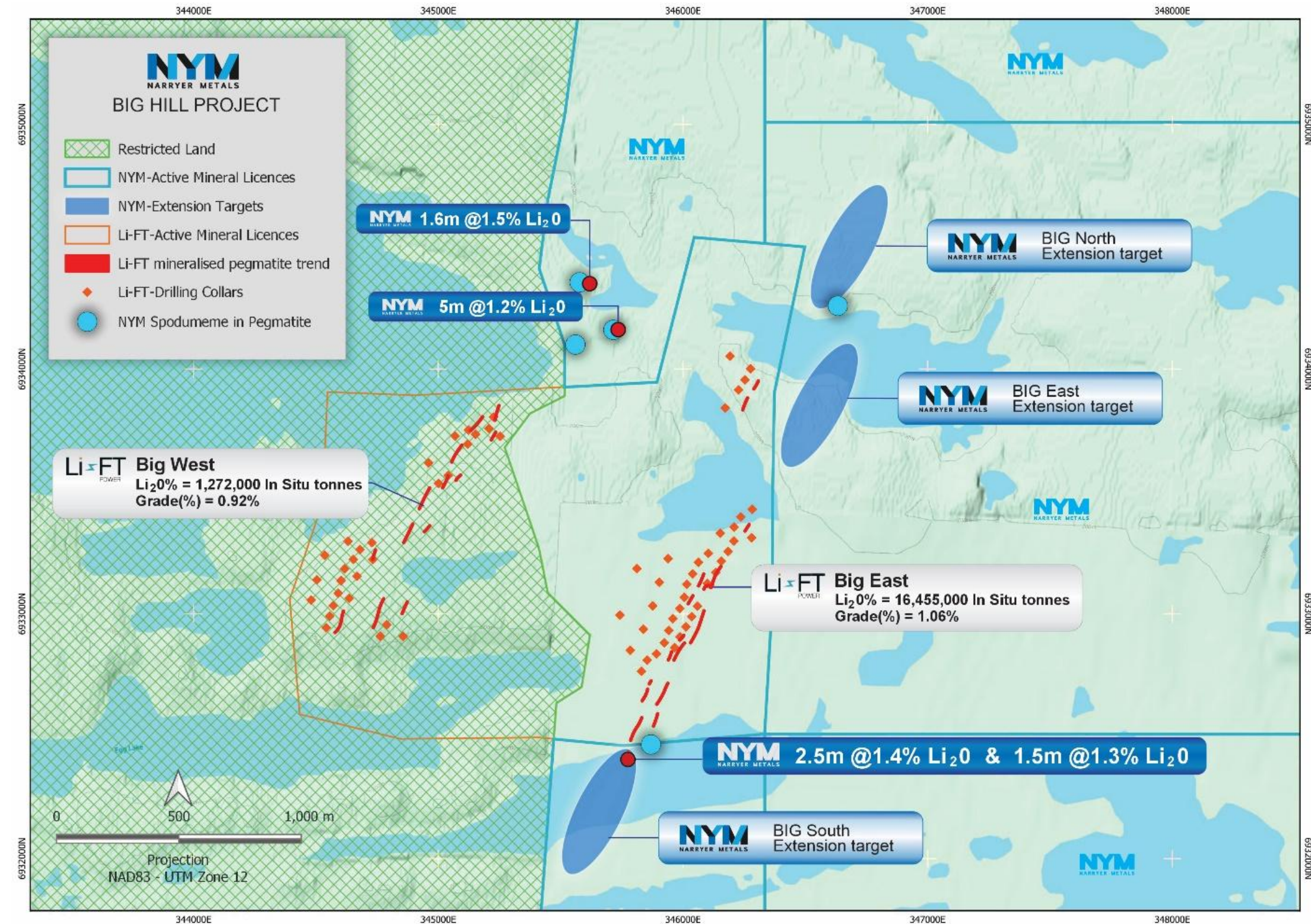
- Current Lithium exploration activity in the Slave Craton
 - **Li-FT Power** – Yellowknife Project combined resources over 50 Mt @ 1% Li₂O¹ (TSXV:LFF)
 - **Loyal Lithium/Patriot Battery Metals JV** (ASX:LLI,PMI)
 - **Blackbird Minerals (Gama Exploration)** (CSE:BBRD)
 - **Trinex Minerals** (ASX:TX3)
 - **Fortescue Minerals** (ASX:FMG)



¹Li FT Power TSX-V announcement 1 October 2024

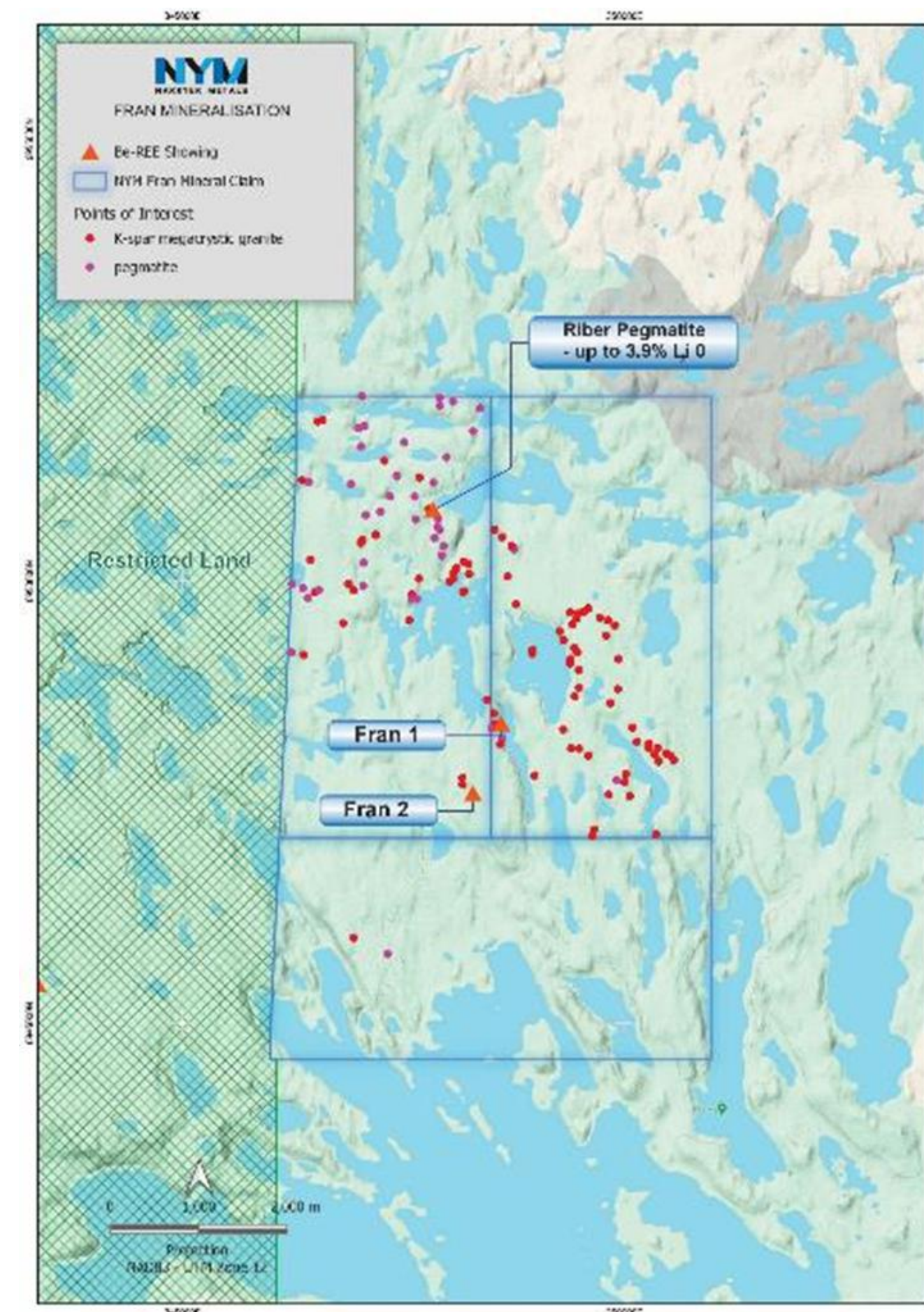
BIG HILL PROJECT (NYM 70%)

- **Less than 30km from Yellowknife**, with excellent infrastructure and access
- NYM ground along strike to LIFT Power Big East Inferred Resource at 16.5Mt @ 1.06% Li_2O and Big West 1.2Mt @ 0.925 Li_2O ¹
- NYM ground with known occurrences of spodumene-hosted pegmatites proximal to claim boundary (channel sample of up to **5m@ 1.2% Li_2O**)^{2,3}
- LIFT claim area is only 2.9 km²
- Land to the west falls under an unresolved First Nation land claim and is excluded from staking
- NYM claims can provide adequate footprint for any future mining development



FRAN CRITICAL MINERALS PROJECT (NYM 70%)

- Fran is prospective for critical minerals (Li, Ta, Rb, Ga, Ge) identified in a highly fractionated and evolved pegmatite system
- 3 Claims located 10km north of Big Hill and covering 36km²
- Historic rare earth occurrences identified at Riber pegmatite, Fran 1 and Fran 2
- The Riber Prospect demonstrates potential for high value **Gallium and Germanium**
- Like gallium, germanium is a technology metal and has similar China trade restrictions in place. Germanium trades at US \$3000-\$3300 / kg² and has risen 115% since 2022¹
- The Riber pegmatite provided high grade grab samples² of up to **114 ppm Ga₂O₃ and 42 ppm GeO₂** (as well as 3.95% Li₂O, 0.4% Cs₂O, 2% Rb₂O)
- Initial work has identified > 40 pegmatites and 89 pegmatoidal granites on the property intruding metasediment³
- LIDAR and fieldwork planned for 2025 field season



¹ Source; <https://www.fastmarkets.com/insights/war-instability-impact-defense-metals-supply-chains/>; ² Narryer Metals ASX announcement 12 March 2024; ³ Narryer Metals ASX announcement 19 June 2024;

High-Grade Critical Metals Discovery at Rocky Gully

Rocky Gully has delivered **high-grade scandium, gallium, and rare earth elements (REEs)**, linked to a potential carbonatite system—a highly prospective and strategic geological setting.

Strong Position in Canada's Critical Minerals Frontier

Early-mover advantage in a highly prospective, underexplored region of Canada's Northwest Territories, targeting rare earths and other strategic minerals.



Multi-Commodity Exposure in Tier-1 Jurisdictions

Diversified exploration portfolio across Australia and Canada with exposure to scandium, REEs, titanium, gallium, and other critical minerals **essential to future technologies**.

Expanding Mineralisation at Muckanippie Project (ASX:PTR JV)

Drilling at Rosewood West has extended high-grade titanium-rich heavy mineral sands mineralisation by 1.2km, with results including:

- 17m @ 7.8% HM (incl. 6m @ 15.2%)
- 21m @ 6.0% HM (incl. 8m @ 9.4%)

Mineralisation remains open and further drilling is underway.



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