May 2025 | ASX:NIM

Mons Project

A World-Class Gallium discovery

NIMY RESOURCES

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COMPETENT PERSON STATEMENT

The information contained in this report that pertain to Exploration Results, is based upon information compiled by Mr Fergus Jockel, a full-time employee of Fergus Jockel Geological Services Pty Ltd. Mr Jockel is a Member of the Australasian Institute of Mining and Metallurgy (1987) and has sufficient experience in the activity which he is undertaking to qualify as a Competent Person as defined in the December 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Jockel consents to the inclusion in the report of the matters based upon his information in the form and context in which it appears.

MONETARY VALUES

Unless otherwise stated, all dollar values are in Australian Dollars (A$). The information in this presentation remains subject to change without notice.

Investment Highlights

The Mons Belt is located in the famed Yilgarn Craton in Western Australia, a world class **Tier 1 mining district**.

High-grade gallium discovered at Block 3 in April 2024, peak value of **1m @ 495 Ga_2O_3.** (ASX Copper Rare Earth and Gallium at Block 3 18/04/24)

Follow-up drilling has confirmed extended depth and grade.

Infill and step-out drilling planned for immediate mobilisation to aid in establishing a JORC.

A **small fraction** of the total target area drill tested.

+350 soil samples have delivered a mean of 30ppm **Ga_2O_3 increasing the target zone significantly.**

China produces in excess of 98% of the worlds Gallium and has banned exports to the U.S.

Military & defence spending rapidly growing, other exponential growth areas include semiconductor & AI.

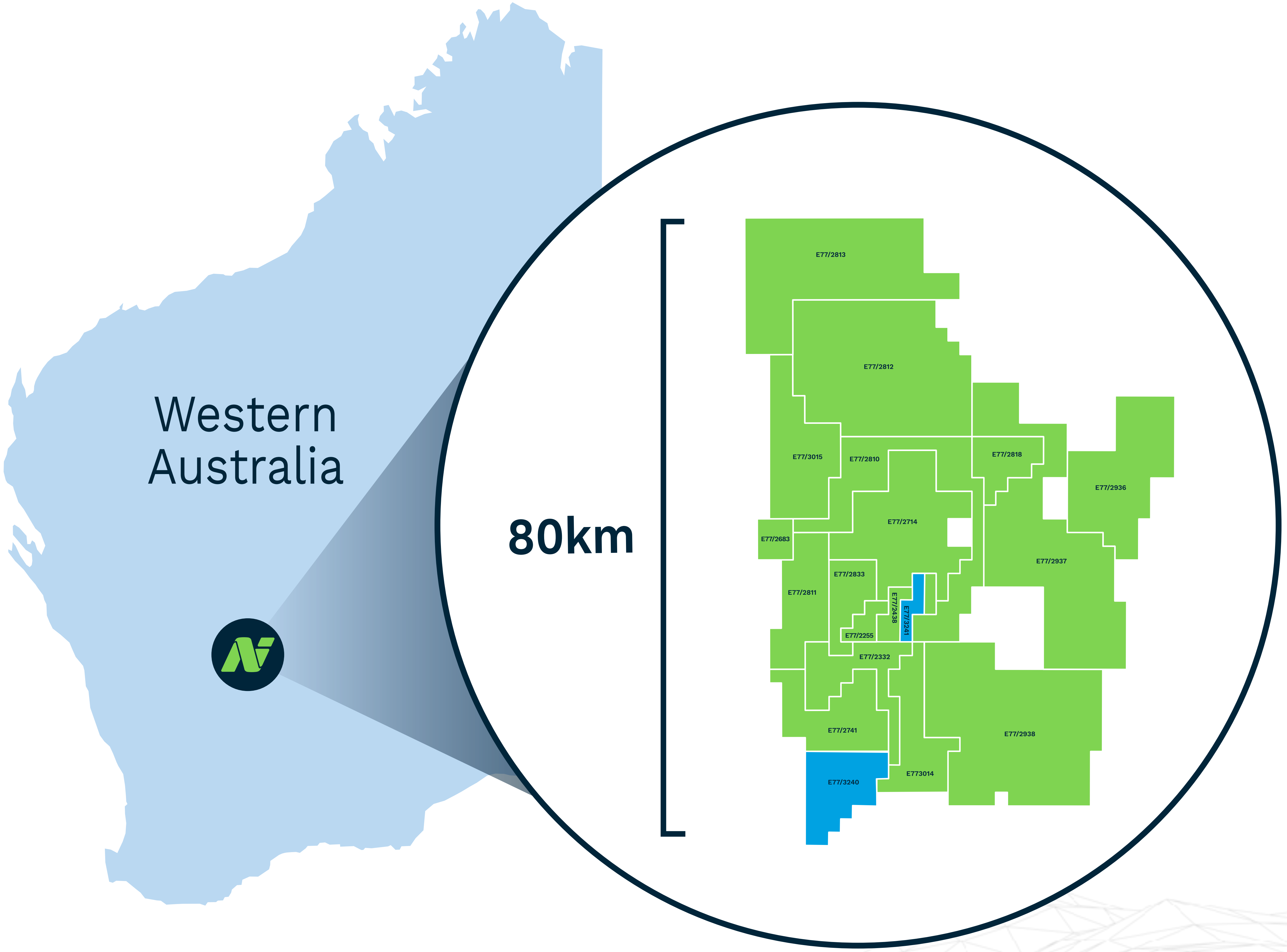


Figure 1 – Nimy Resources tenement package in Western Australia.

NIMY Resources — Company snapshot and leadership team

Neil Warburton
NON-EXECUTIVE CHAIRMAN

Luke Hampson
MANAGING DIRECTOR

Christian Price
EXECUTIVE DIRECTOR

Fergus Jockel
HEAD OF EXPLORATION

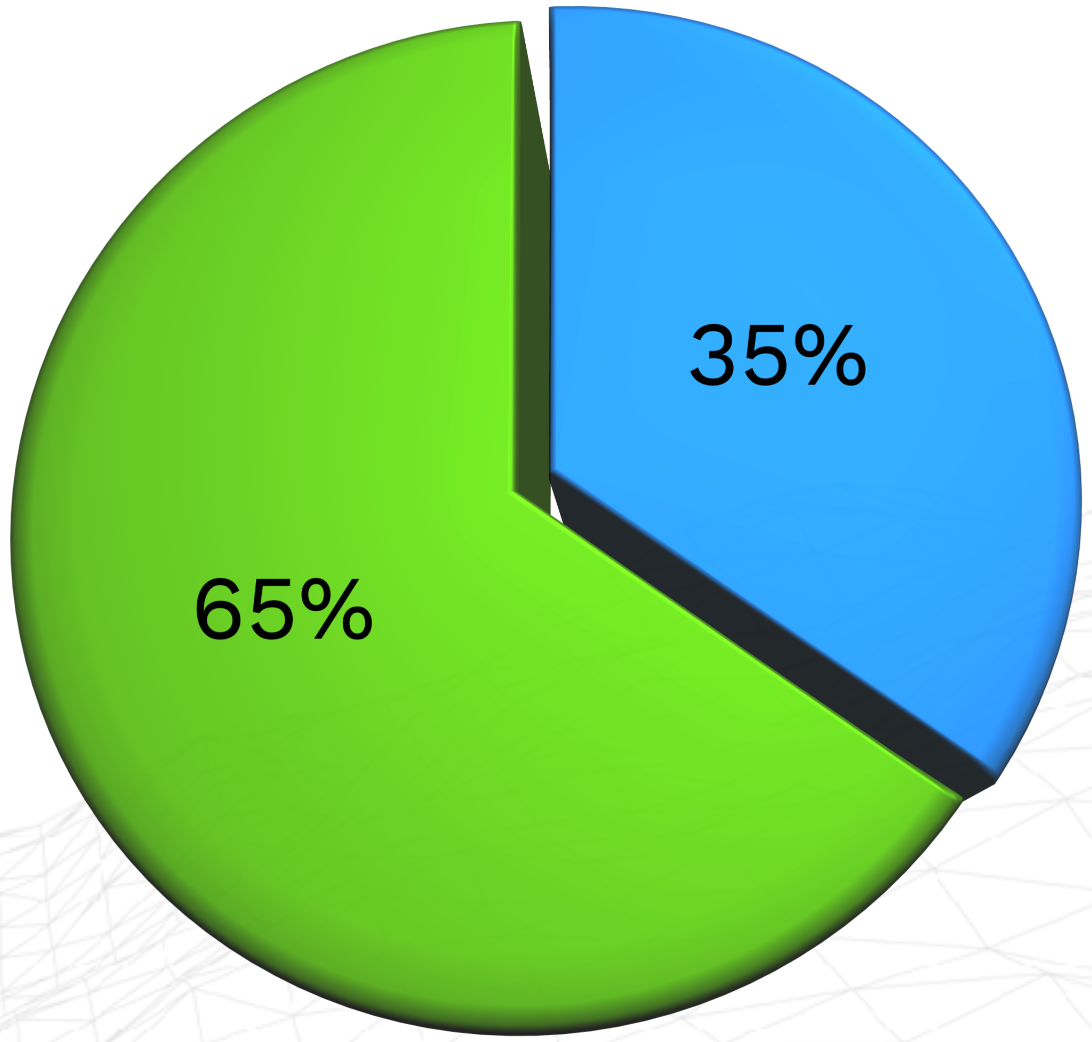
Dr John Simmonds
TECHNICAL ADVISOR - GEOLOGY

Capital Structure 16/05/2025

Share Price	$0.105c
52 Week Range	$0.034 - $0.185
Shares on Issue	208.12m
Unlisted Options	31.38m
Market Capitalisation	$21.85m

Shareholder Summary

- Directors and Management
- Other Holders



Nimy Resources — M2i Global Collaborative Agreement

Nimy Resources has:

- **a Collaboration Agreement with M2i in the US.** M2i is a company that specialises in the development and execution of complete global value supply chains for critical minerals particularly for the US government and the Defense Industrial Base.
- current and ongoing discussions with global partners with a view to collaborative, supply and off-take agreements.

Our objective is to be a key gallium supplier given current Chinese export restrictions and exponential growth predicted for demand.

NIMY RESOURCES | M2i MINERALS METALS INITIATIVES

NIMY Resources — Collaborations & Key Consultants

CSIRO – Mineral Indicator Study[1]

- Mineralogical characterisation of the Masson project – focusing on defining the Cu-Ni-PGE sulphide prospectivity
- Geological characterisation underway at Block 3 prospect with a focus on the gallium host lithology

1. CSIRO kick-start and mineral indicator study secured (ASX:NIM) – 19 November 2024

Curtin MoU – Gallium Collaborative Agreement[2]

- Non-binding MoU to co-operate; for gallium-based research focusing on metallurgical recovery and flow sheet development and;
- Increase stakeholder mapping and engagement to secure external funding opportunities, including from US Sources

2. Curtin University signed MoU on Gallium related research(ASX:NIM) – 18 March 2025

SRK Consulting – Gallium Inferred Resource Definition

- SRK Consulting have been engaged to undertake an Inferred Mineral Resource Estimate for the Block 3 Gallium Prospect post drill definition

Block 3 East — Nimy an early mover: pathway to production

- Tenement package is approximately 3004km², with only a fraction having been explored, **the possibility of additional rare earth, gallium, copper, nickel and other base metals discoveries is open ended**.
- **Nimy drilling has returned amongst the highest-grade gallium intervals in Australia** – (our research to date has shown no recent, comparative grade and intervals located across the world).
- **Multiple intervals of >100ppm gallium**, including **72m at 117ppm Ga_2O_3** intersected in early Nimy drilling.
- Approximately **3km x 1.5km target area defined**, **aided by over 350 soil samples with a mean of 30ppm Ga_2O_3** (peak soil value 47ppm Ga_2O_3), JORC exploration target limited to eastern portion of target area.
- **Nimy has signed a non-binding collaboration agreement with M2i Global Inc.** with a view to supplying gallium to the US Government and the Defense Industrial Base.

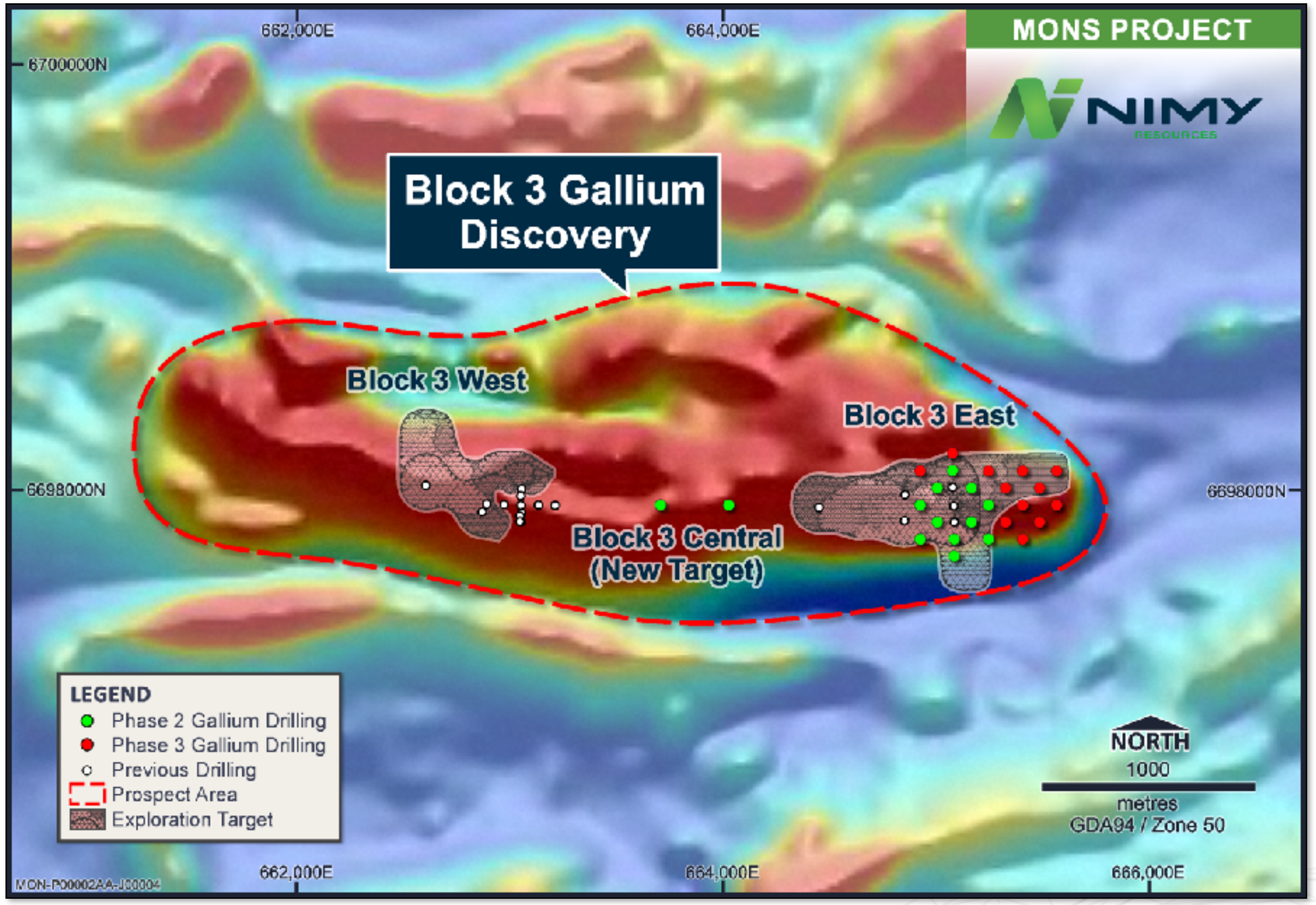


Figure 2 – Block 3 Discovery - Phase 2 and Phase 3 Planned Drilling.

(see ASX release "Drill Program Underway Targeting Maiden Gallium Resource May 15, 2025)

*Source: researchandmarkets.com - Gallium Global Market Report 2024 – January 2024

Block 3 East — Gallium discovery drill results

- **RC hole NRRC0120** returned 240 metres (0-240m eoh) @ 50ppm Ga_2O_3 including a zone of **52m @ 105ppm Ga_2O_3**, peak value **1m @ 369ppm Ga_2O_3.**
- **RC hole NRRC0121** returned 240 metres (0-240m eoh) @ 68ppm Ga_2O_3 including a zone of **72m @ 117ppm Ga_2O_3**, peak value **1m @ 495ppm Ga_2O_3.**
- **Hole 24NRRC0128** returned **32m @ 102ppm Ga_2O_3** from 16-48m, peak value **4m @ 212ppm Ga_2O_3** (4m composite) from 32m.
- **Hole 24NRRC0129** returned **8m @ 102ppm Ga_2O_3** from 160m, peak value **4m @ 110ppm Ga_2O_3** (4m composite) from 160m.
- **Hole 24NRRC0130** returned **12m @ 99ppm Ga_2O_3** from surface, peak value **4m @ 127ppm Ga_2O_3** (4m composite) from 8m, and **8m @ 118ppm Ga_2O_3** from 84m peak value **4m @ 198ppm Ga_2O_3** (4m composite) from 88m.

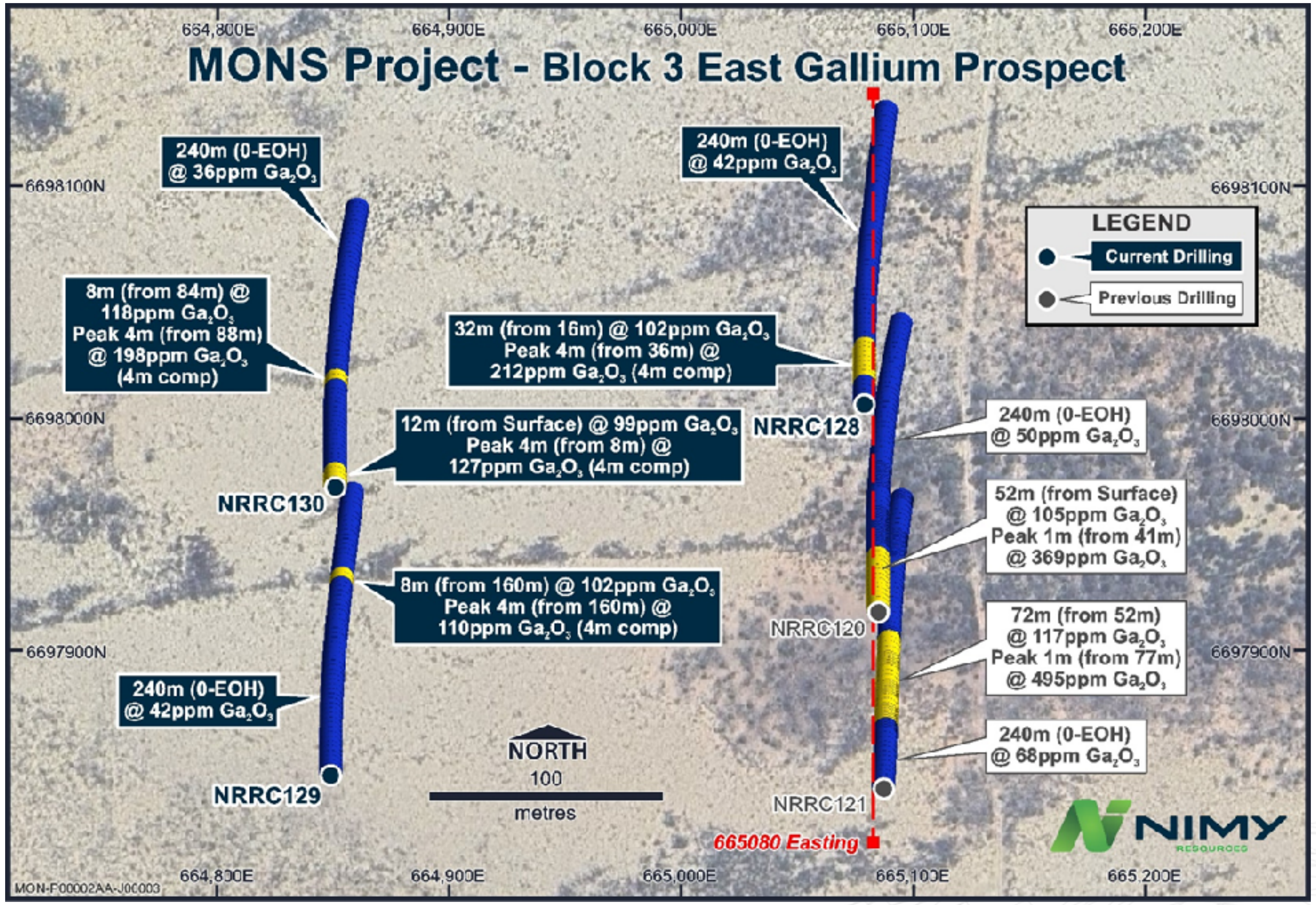


Figure 3 – Schematic view of latest drill holes at Block 3 East gallium prospect

Refer announcements NIM:ASX

Gallium soil anomaly extends high grade potential - 27/11/2024

High Grade Gallium extended at Block 3 - 9/10/2024

Block 3 East — Building scale and grade

- **Block 3 high grade gallium prospect is open in all directions**, drill campaign designed, stepping out from drilled high grade zone and testing 400m west along strike.
- **Resistivity depth imaging** (RDI) identifies a **900m x 300m footprint** west along strike of Block 3 East, with coincident IP and soil anomaly.
- **Drilling designed to extend the +100g/t** (ppm) gallium saprock & +150g/t (ppm) gallium high grade fresh rock zones.
- **R/C drilling samples** to be utilised for **ongoing metallurgical test work** studies.
- **Technical studies to be undertaken** to test gallium extraction method advancing toward JORC mineral resources estimate.
- **Drill program has started and is expected to take three weeks with assays scheduled for later this quarter.**

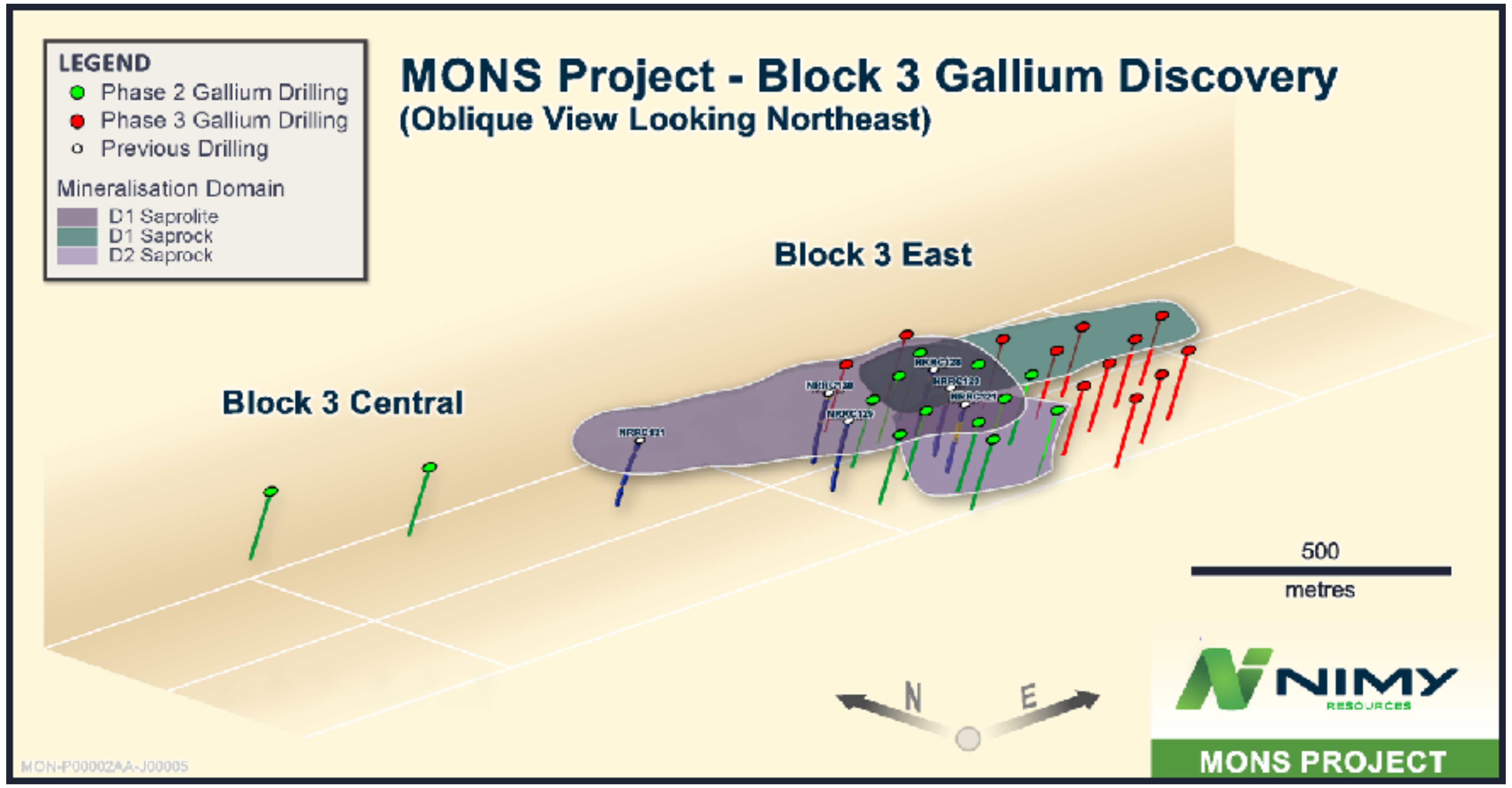


Figure 4 – Block 3 Discovery – Oblique view Phase 2 and Phase 3 drilling – step out and infill drilling.

Domain	Ga Grade Range (ppm)		Estimated Tonnes Range (Mt)	
	Low	High	Low	High
D1 Saprolite	22.8	58.5	5.9	7.9
D2 Saprolite	24.7	40.1	1.1	1.9
D1 Saprock	67.3	116.0	1.6	3.2
D1 Schist	104.2	122.5	1.0	1.3
Total Rounded	**38.9**	**74.7**	**9.6**	**14.3**

Table 1 – Gallium exploration target (see ASX release "Gallium Exploration Target Defined" - 28/01/2025)

Cautionary Note: The Exploration Target quantities and grades are conceptual in nature. Insufficient exploration has been conducted to estimate Mineral Resources, and it is uncertain if further exploration will result in the estimation of Mineral Resources. The Exploration Target has been prepared in accordance with the JORC Code 2012. A low end cut-of grade of 25ppm Ga was applied to the oxide saprolite, 50ppm Ga to the transitional saprock, and 100ppm Ga to the fresh schist over a 1m interval

Block 3 East — Building favourable mineralogy

- **The study undertaken by CSIRO** characterised high-grade fresh rock samples from Block 3 Prospect, **confirming the presence of gallium mineralisation in a chloritised schist.**
- The mineralogy of the schists is relatively simple, comprising talc, chlorite, with minor amounts of quartz and amphibole. Preliminary compositional analyses indicate that chlorite is the primary host for gallium, **early estimates suggest gallium within chlorite ranges from 400 to 800 ppm.**
- The results are important because they will play a key role in the **first metallurgical tests, which are about to commence at Curtin University.**
- Curtin University will undertake metallurgical test work covering **ore characterisation, gallium recovery analysis, extraction methods**, and flowsheet development
- Drilling has outlined high-grade gallium over an area measuring 250m by 150m at Block 3. **The mineralisation remains open, and the host geology extends for several kilometres.**
- **Drilling and metallurgy results will underpin a maiden JORC Resource in 2025.**

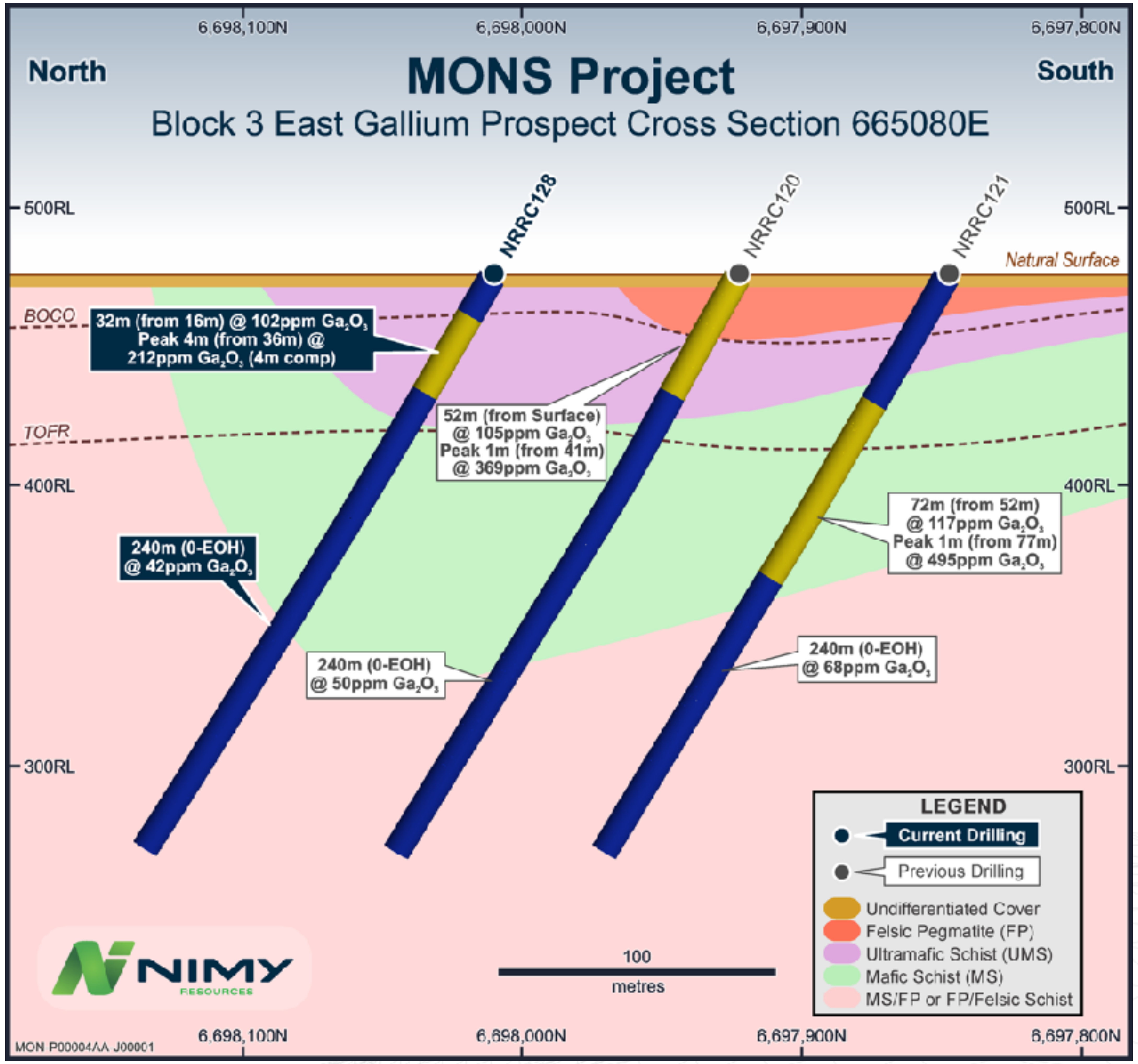
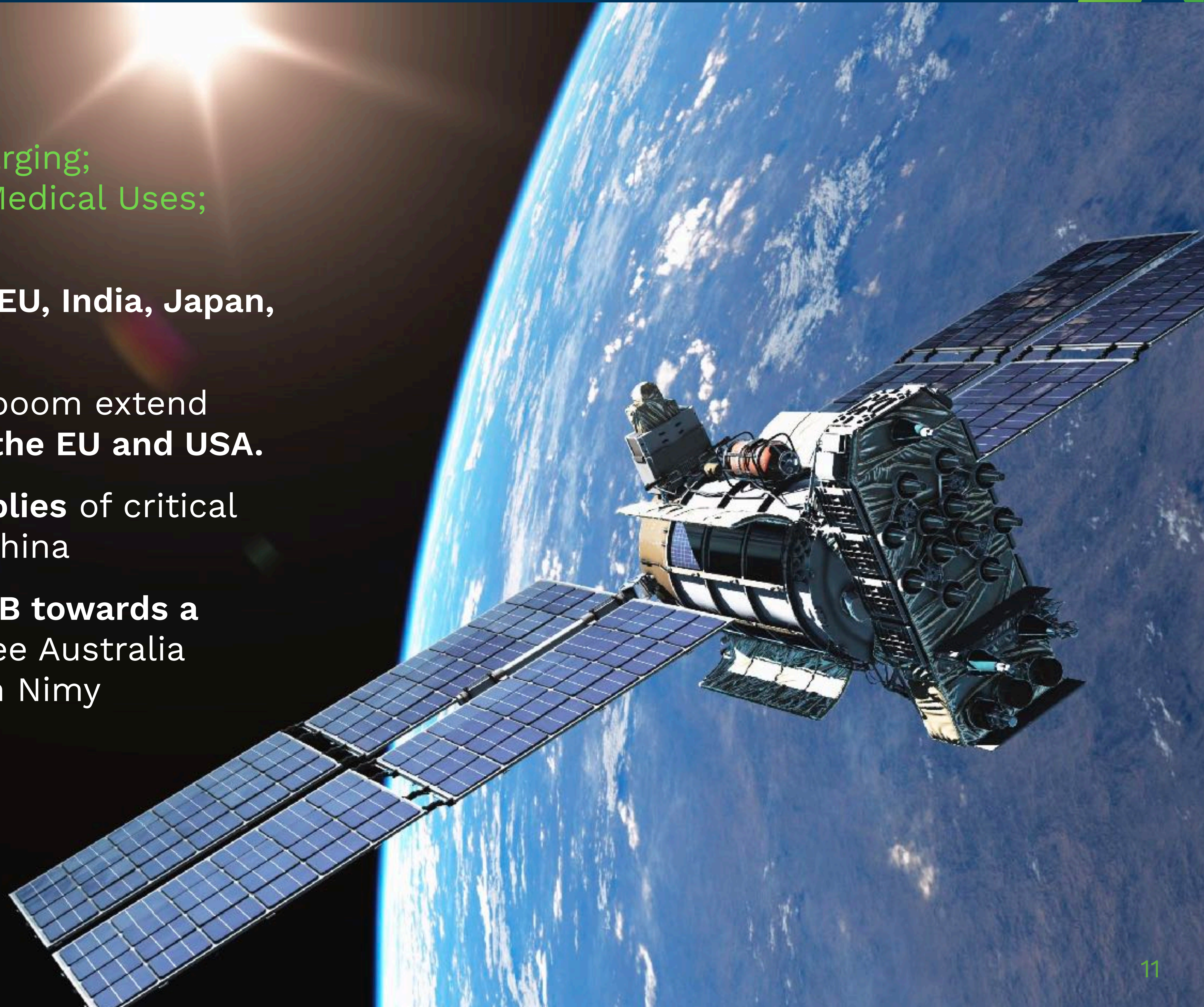


Figure 5 - Block 3 East - Drill Section NRRC121 76-79m interval.

(see ASX release "High Grade Gallium extended at Block 3" – October 10, 2024)

Gallium — The most in demand critical mineral, globally.

- **Gallium has a rapidly evolving world focus with exponential growth in the usage of:** Semiconductors; 5G Technology; Power Charging; Green Technologies; Telecommunications; Medical Uses; Radar and Military Applications.
- **Listed as a critical metal in Australia, USA, EU, India, Japan, Republic of Korea and the UK.**
- Estimates of the coming military spending boom extend into **hundreds of billions of dollars both in the EU and USA.**
- **Europe will need to secure substantial supplies** of critical metals in markets currently controlled by China
- **Australian government commitment of $1.2B towards a strategic critical minerals reserve,** could see Australia become a world critical minerals "hub" with Nimy Resources set to benefit given the strong and growing demand for gallium.

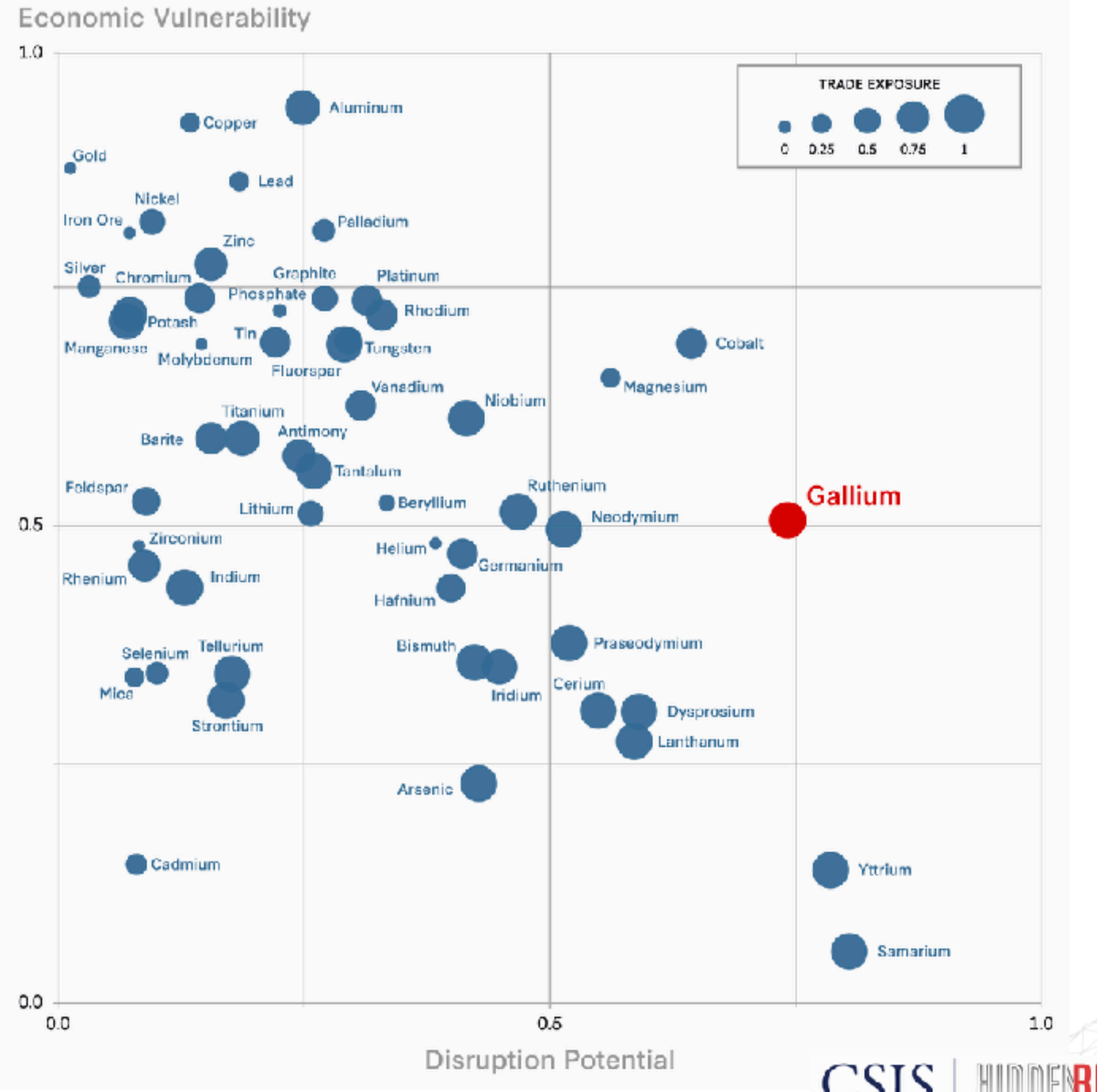


Gallium — Rapidly growing demand

Economic Vulnerability & Disruption Potential:

- The **Review and Revision of US Critical Minerals List 2021**, gallium is precarious in both disruption potential and economic vulnerability.
- **China total ban** on exports of gallium to the US has heightened both measures.
- **Increased applications for gallium** with Military applications, semiconductor production, the proliferation of advanced technologies has added to supply pressures.
- **Governments** in Europe, US and Asia are **seeking secure supplies** for future Defence and Economic Security.

Critical Minerals Commodity Supply Risk Assessment



CSIS | HIDDEN REACH

Note: The disruption potential (horizontal axis), economic vulnerability (vertical axis), and trade exposure (point size) are the inputs used by the USGS to calculate the overall supply risk. **Source:** Adapted from Nedal T. Nassar and Steven M. Fortier, Methodology and Technical Input for the 2021 Review and Revision of the U.S. Critical Minerals List, Open-File Report 2021-1045 (Reston, VA: 2021, USGS), https://doi.org/10.3133/ofr20211045.

Uses and Applications:

- **Multiple applications;**
- **Radar & Aerospace systems;**
- **Semiconductors;**
- **Data centres;**
- **5G technologies;**
- **Telecommunications;**
- **Power Charging;**
- **Medical applications;**
- **Power devices;**
- **Consumer electronics;**
- **Green technology applications.**

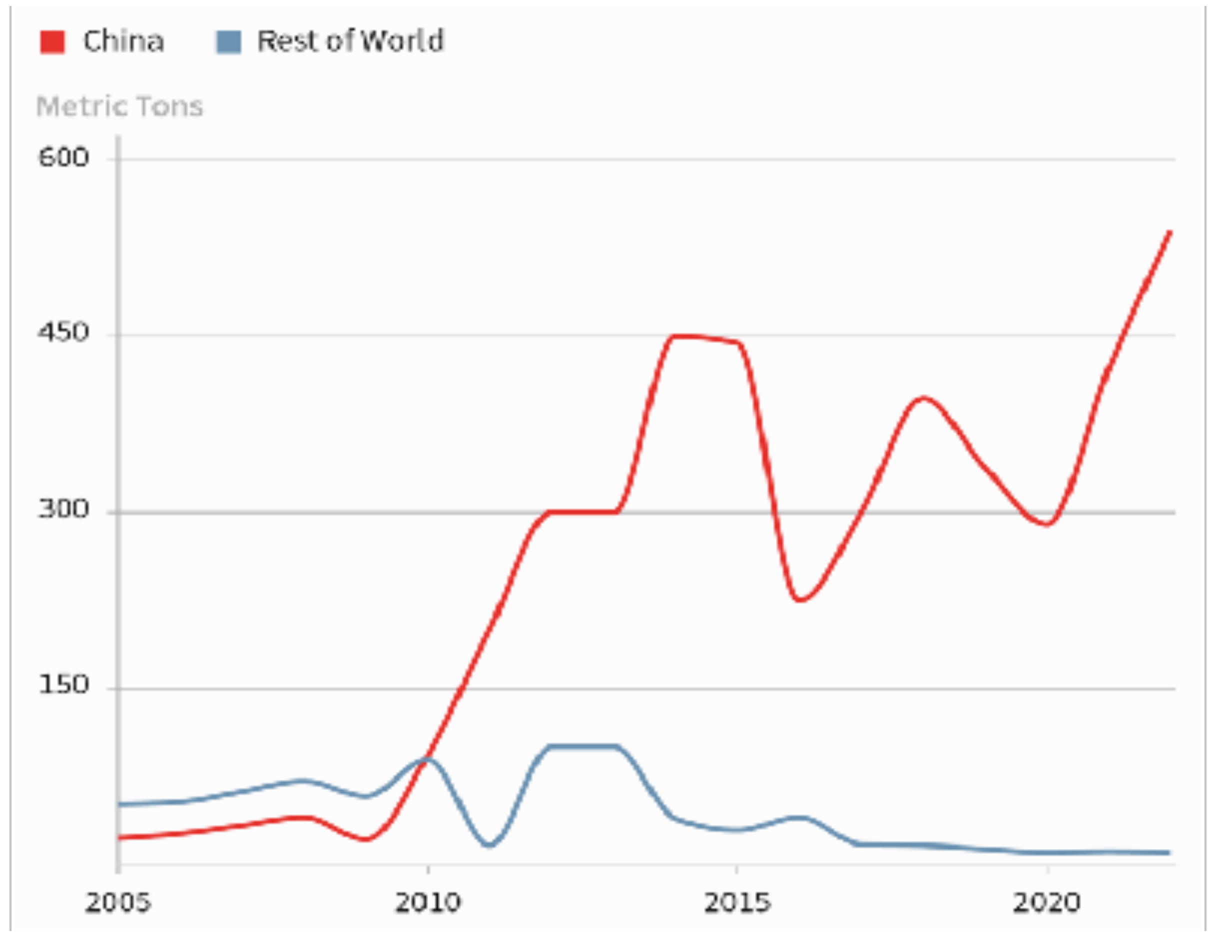
Gallium — Global supply and market factors

List of NATO defence critical raw materials:

Aluminium	Beryllium	Cobalt
Gallium	Germanium	Graphite
Lithium	Manganese	Platinum
Rare Earth Elements	Titanium	Tungsten

NATO - News: NATO releases list of 12 defence-critical raw materials, 11-Dec.-2024

Global Primary Gallium Production



Source: "Gallium Statistics and Information," National Minerals Information Center, USGS

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Gallium production and refining

Russia	5 Tonnes (1%)
Japan	3 Tonnes (0.5%)
Korea	2 Tonnes (0.5%)
China	**600 Tonnes 98%**

Outlook

- The demand for gallium is expected to grow, driven by the expansion in military and radar applications, semi-conductor, 5G technology, renewable energy infrastructure.
- **A restriction of supply, already enacted has increased the strategic importance of a reliable source.**

China Imposes Its Most Stringent Critical Minerals Export Restrictions Yet Amidst Escalating U.S.-China Tech War

*Market faces **uncertainty due to supply constraints from China's export controls**, underscoring the metal's strategic importance in the global economy. The ongoing need to diversify supply chains and increase domestic production or recycling efforts will be critical in mitigating the risks associated with gallium's concentrated production."*

Source: csis.org December 4, 2024

NIMY Resources — Momentum building in all directions

- **Nimy is a First Mover exploring a new greenstone belt in the Tier 1 mining jurisdiction of Western Australia.**
- **Tenement package of over 3004 km² with known gallium, REE, copper, nickel, cobalt, PGE and gold potential.**
- **Expanded skillset board, technical team and collaborative partners.**

Gallium - a clear priority for Nimy and the world today

- Nimy has amongst the **highest-grade gallium** intervals recorded in Australia, possibly the world.
- Exploration target estimate as per JORC guidelines, 2021 published.
- Expanded soil anomalies 3km x 1.5 km delineated.
- Rapidly increasing demand for gallium.
- **No stand-alone high grade mining supply** currently operational in the world.
- Collaborative agreement with M2I global to establish supply chain into the US military.
- Working closely with the **CSIRO**, **Curtin University** and **Department of Energy, Mines, Industry and Safety and Geological Survey of Western Australia** to advance to project both structurally and metallurgically.
- Drill program has commenced to extend high grade gallium footprint into a JORC resource.

Thank you

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