



Mons Project

Exploring a new Western
Australian Base and Precious
Metals Greenstone Belt

Exploration Update
November 2024
ASX:NIM



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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 – Exploration Success with Scale

Exploring a **new 90km x 30km Greenstone Belt** in the **Yilgarn Craton**, 370 kms northeast of Perth.

Successful application of **hi-tech approach (VTEM, MLEM, DHEM, GAIP, Dipole, soil sampling)** to exploration.

Discovery made at the Masson Prospect with a **sub vertical copper lens of >1% copper from 126 intersected in 4 holes**

High copper equivalent within mineralisation zone extending 240m along strike and contains **high copper, nickel, cobalt, PGE's and silver**

Discovery is within an interpreted intrusive stretching **6kms across by 9kms long, one of 5 such geological settings** (also containing similar VTEM responses).

High grade gallium discovered at Block 3, an emerging listed critical metal used in manufacture of semi conductor chips.

29

Cu

Copper

42

Mo

Molybdenum

31

Ga

Gallium

28

Ni

Nickel

27

Co

Cobalt

78

Pt

Platinum

46

Pd

Palladium

79

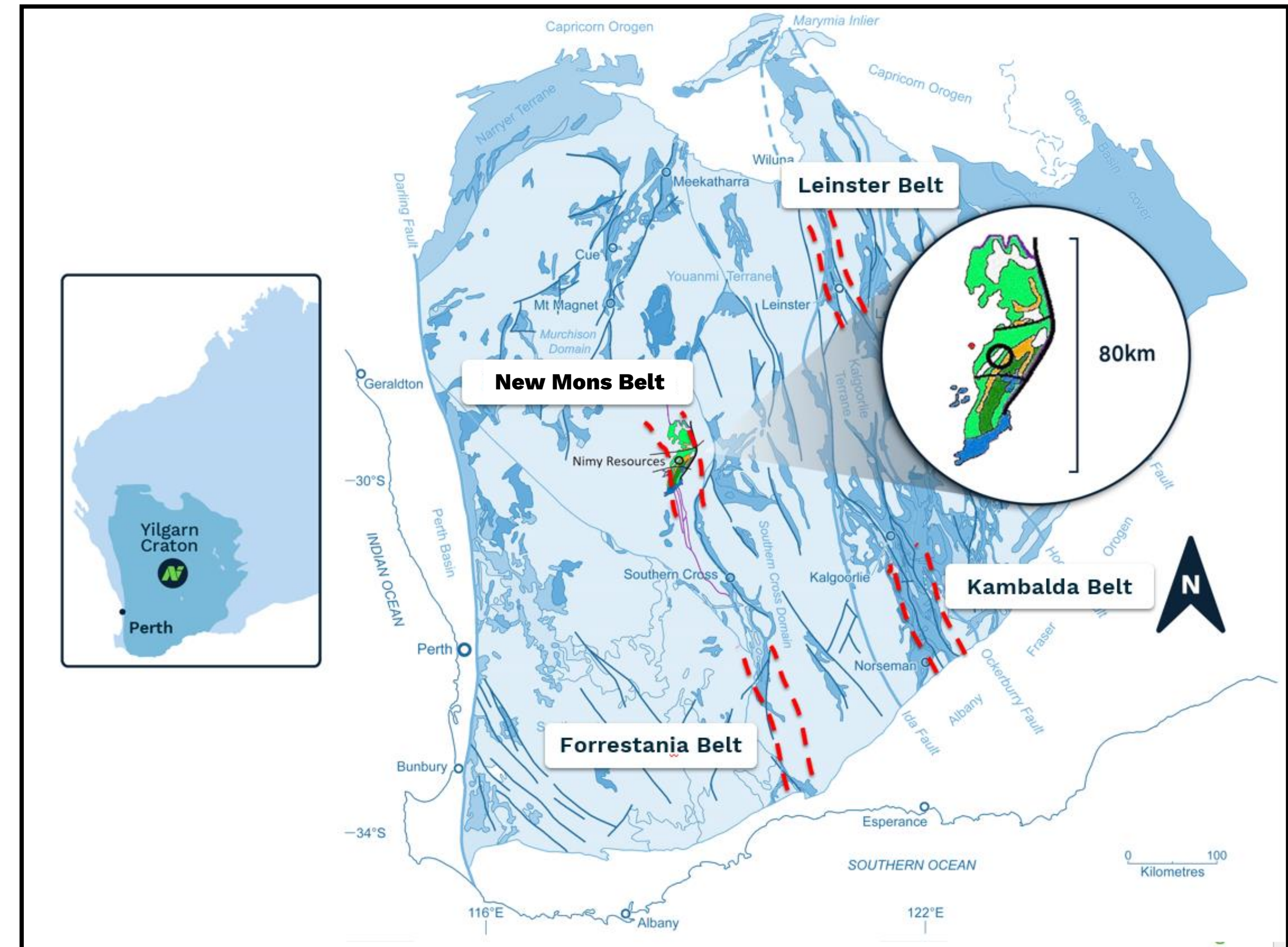
Au

Gold

47

Ag

Silver



Project location on the Yilgarn Craton of Western Australia

Timeline of Significant Events

NOVEMBER 2021

IPO & ASX Listing
\$6.0m raised

MARCH 2022

MLEM over sulphide targets

2022

JANUARY 2022

Deep Diamond Drilling Commenced

SEPTEMBER 2022

Significant Ni Komatiite Intercepted

FEBRUARY 2023

\$3.0m raised

2023

JANUARY 2023

Northern tenements 2,417km VTEM Surveys Commenced

MARCH 2023

MLEM & EM at Masson and Block 3

FEBRUARY 2023

RC Drilling Southern Prospects

SEPTEMBER 2023

RC & DD drilling Masson and Block 3

FEBRUARY 2024

R&D funds \$2.4m

2024

JANUARY 2024

RC/DD Drill Block 3 & Masson

(High grade Gallium intercepted)

AUGUST 2024

RC/DD drilling Masson and Block 3

NOVEMBER 2024

R&D funds \$1.2m

2025

JANUARY 2024

JORC Targets Masson and Block 3

NOVEMBER 2024

CSIRO Mineral Indicator Study

FEB 2024

RC/DD drilling Masson and Block 3

MAJOR MINERAL DISCOVERY

Corporate Overview



Luke Hampson
Executive Chairman



Christian Price
Executive Director



Neil Warburton
Non - Executive Director



Fergus Jockel
Head of Exploration



Henko Vos
Joint Company Secretary

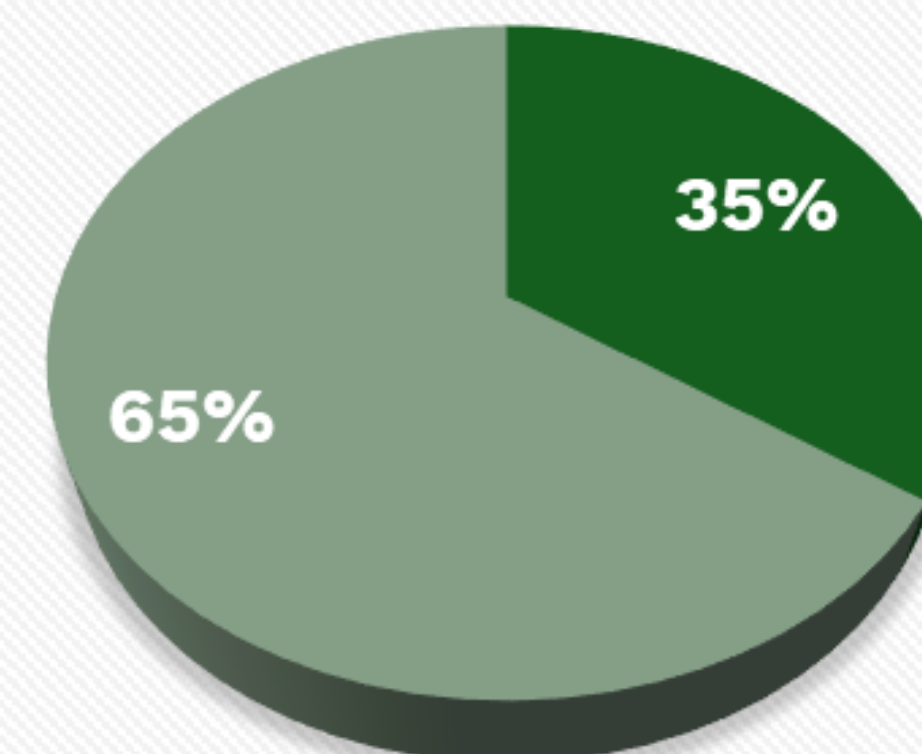


Geraldine Holland
Joint Company Secretary

Capital Structure

Share Price	\$0.044
52 Week Range	\$0.034 - \$0.25
Shares on Issue	174.92m
Listed Options	25.38m
Cash (28th Nov 2024)	\$0.77m
Market Capitalisation	\$7.696m

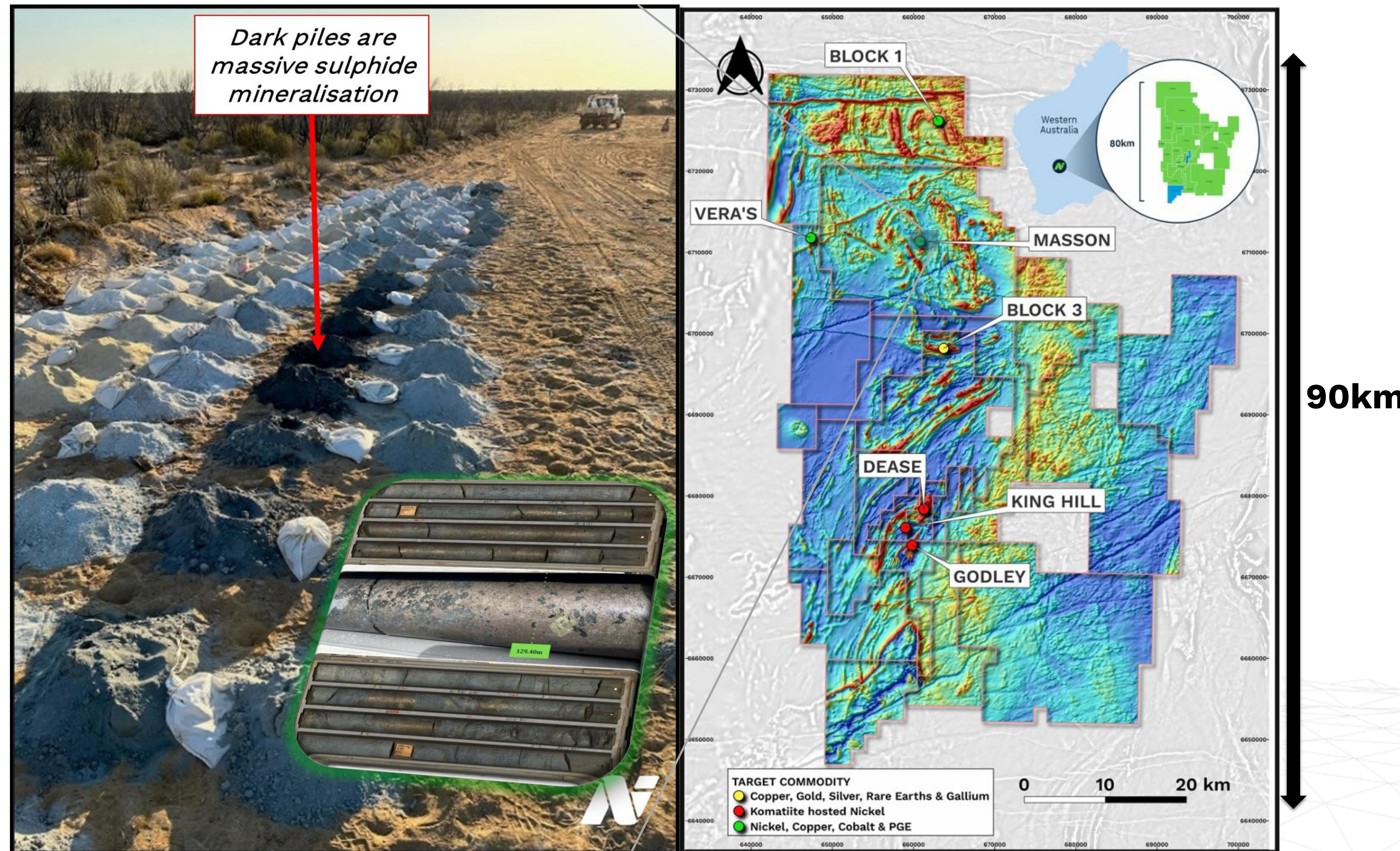
Shareholder Summary



■ Directors and Management ■ Other Holders

Mons Belt Scale Opportunity – Masson

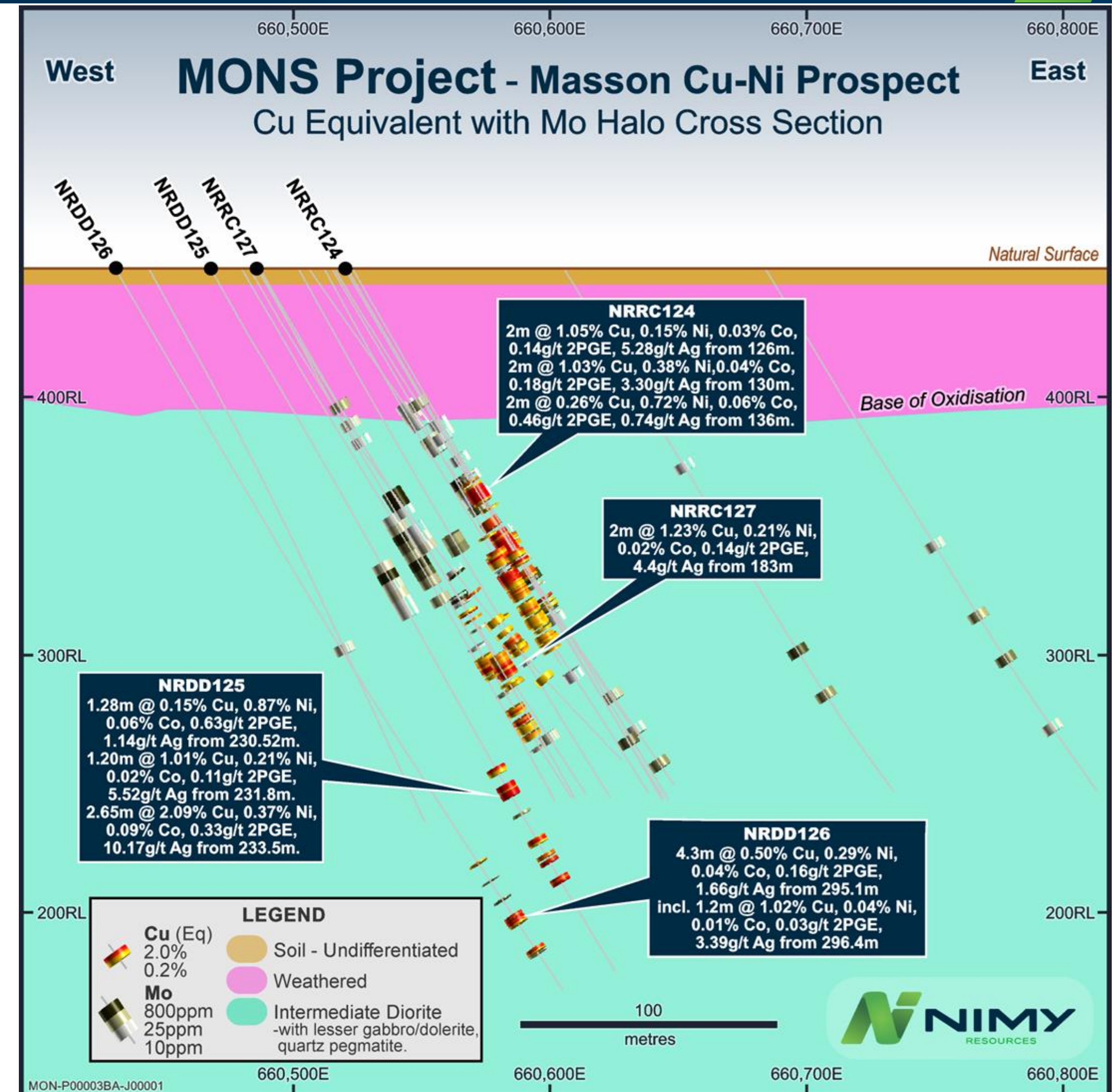
- Airborne **VTEM target delivered drill-discovery** under thin cover.
- 1st hole (NRRC0100 – November 2023) targeting MLEM conductive anomalies
- Drilling intersected massive and semi massive sulphides and returned **5m @ 0.73% Ni, 0.53% Cu, 0.06% Co and 0.55 g/t 2PGE from 102m within a 10m sulphide zone.**



Masson Prospect discovery drill hole NRRC0100 showing massive and disseminated sulphide mineralisation from 102m. Inset of follow up diamond core (massive sulphides)

The Discovery - Masson (Cu-Ni-Co-PGE-Ag) Highlights

- **Cu, Ni, Co, Pd, Pt and Ag within sulphide mineralization extending along a strike of 240m** with a maximum downhole width of 62m and has been encountered from **102m to 328m downdip and remains open downdip and along strike**
- **Copper at >1% extends** in a vertical lens from 126m in 4 holes
- **Molybdenum halo is present above and around the copper mineralization**, molybdenum is a reliable pathfinder to copper mineralisation

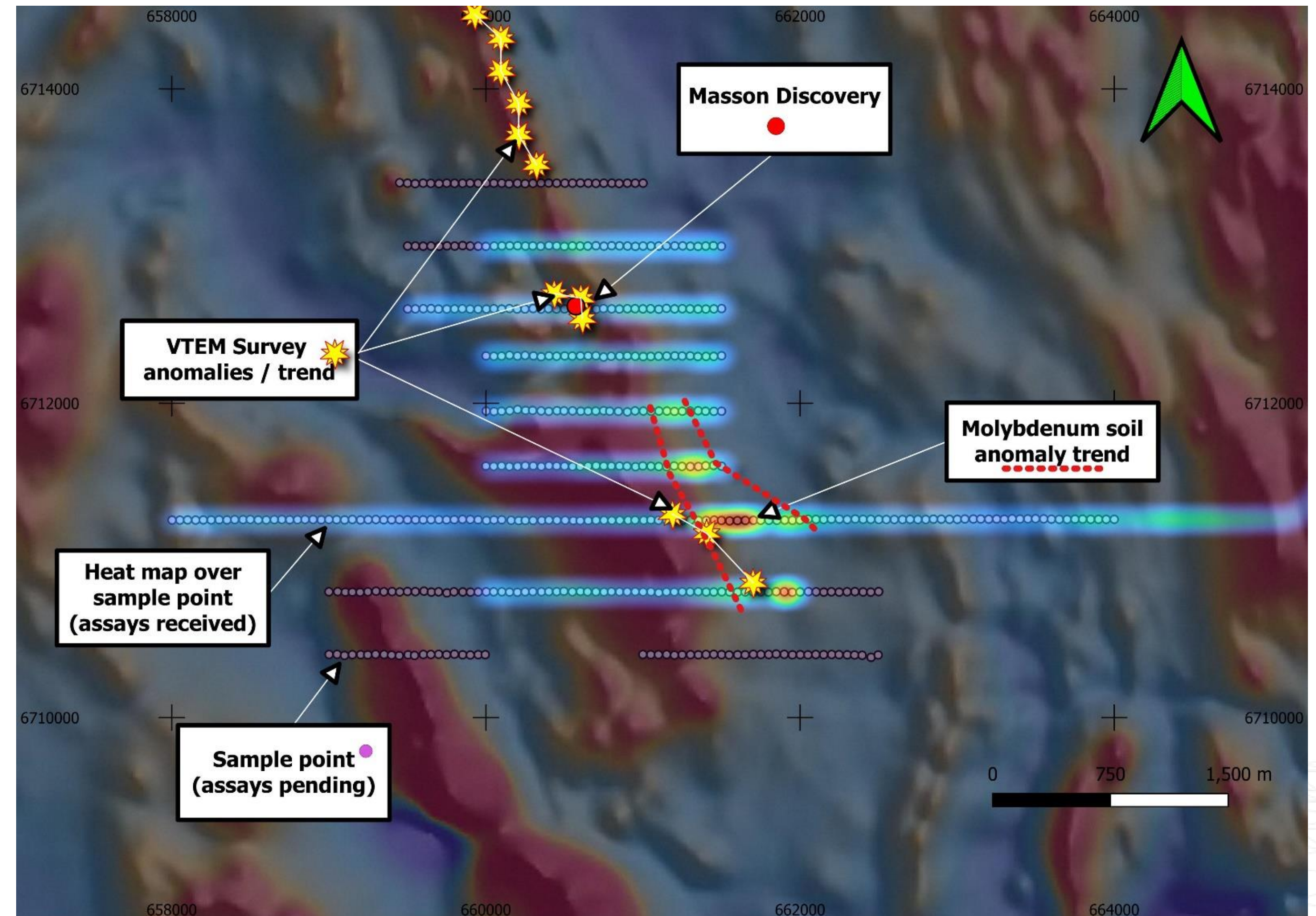


Masson Prospect September 2024 drilling of 4 holes delivered a 172m downhole depth copper in sulphide lens at greater than 1% copper

Drilling the Masson Extension - soil and VTEM anomalies

Copper pathfinder Molybdenum in drilling and soil sampling

- ❑ Anomalous molybdenum is present above and surrounding the copper lens (up to 804ppm - 4m composite sample)
- ❑ Soil sampling indicates a 1.4km molybdenum in soil anomaly 700m south along strike from the Masson Discovery
- ❑ Soil anomaly is coincident with VTEM anomalies
- ❑ 124 soil sample assays pending, extended sampling to the north beginning week 3rd November
- ❑ Conductor plate modelling underway – expect drill targets along the trend

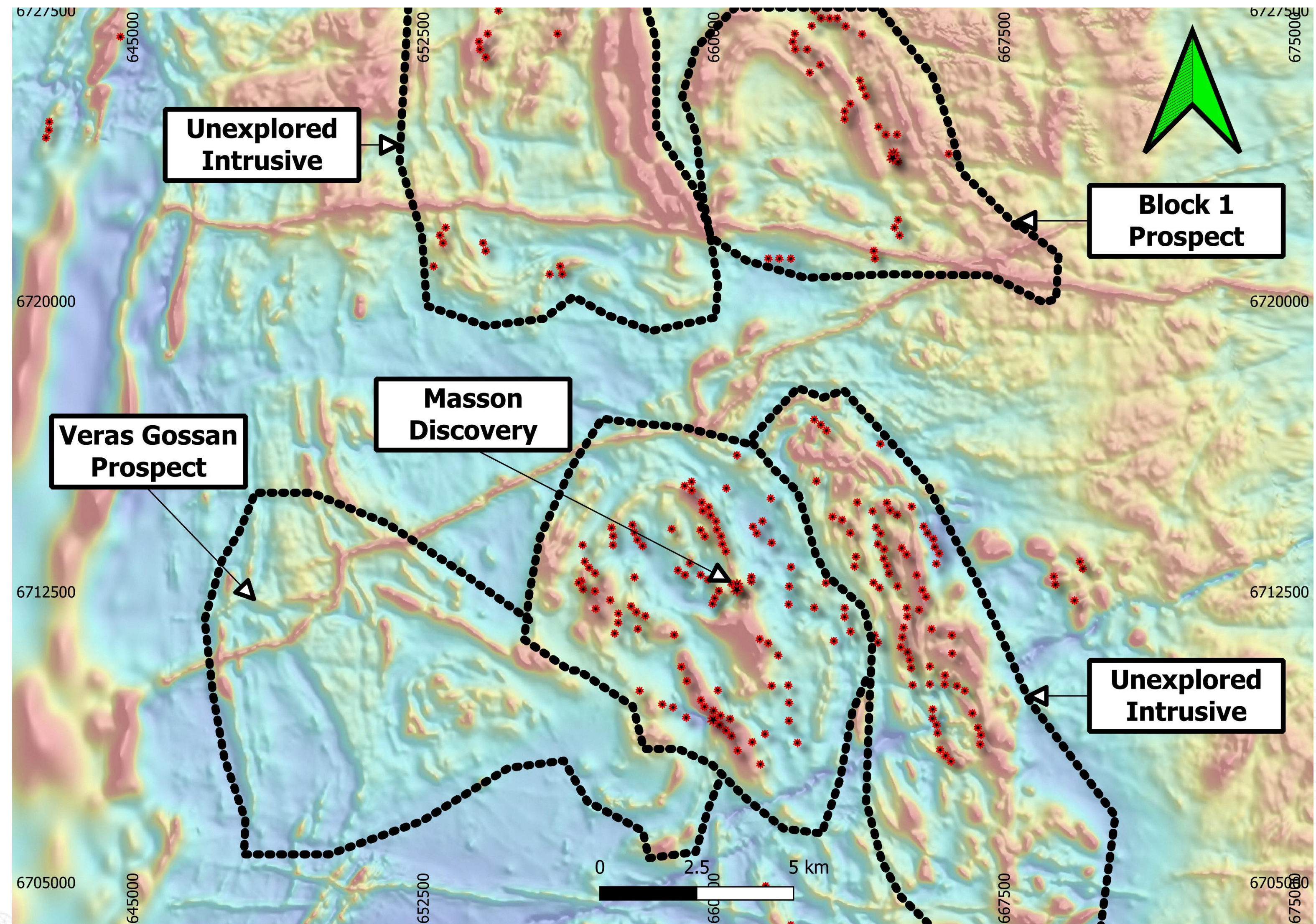


Soil sampling (assays received and pending) over heat map showing molybdenum trend, relative to Masson discovery and VTEM anomaly trend.

Mons Masson Discovery – Scale of exploration targets

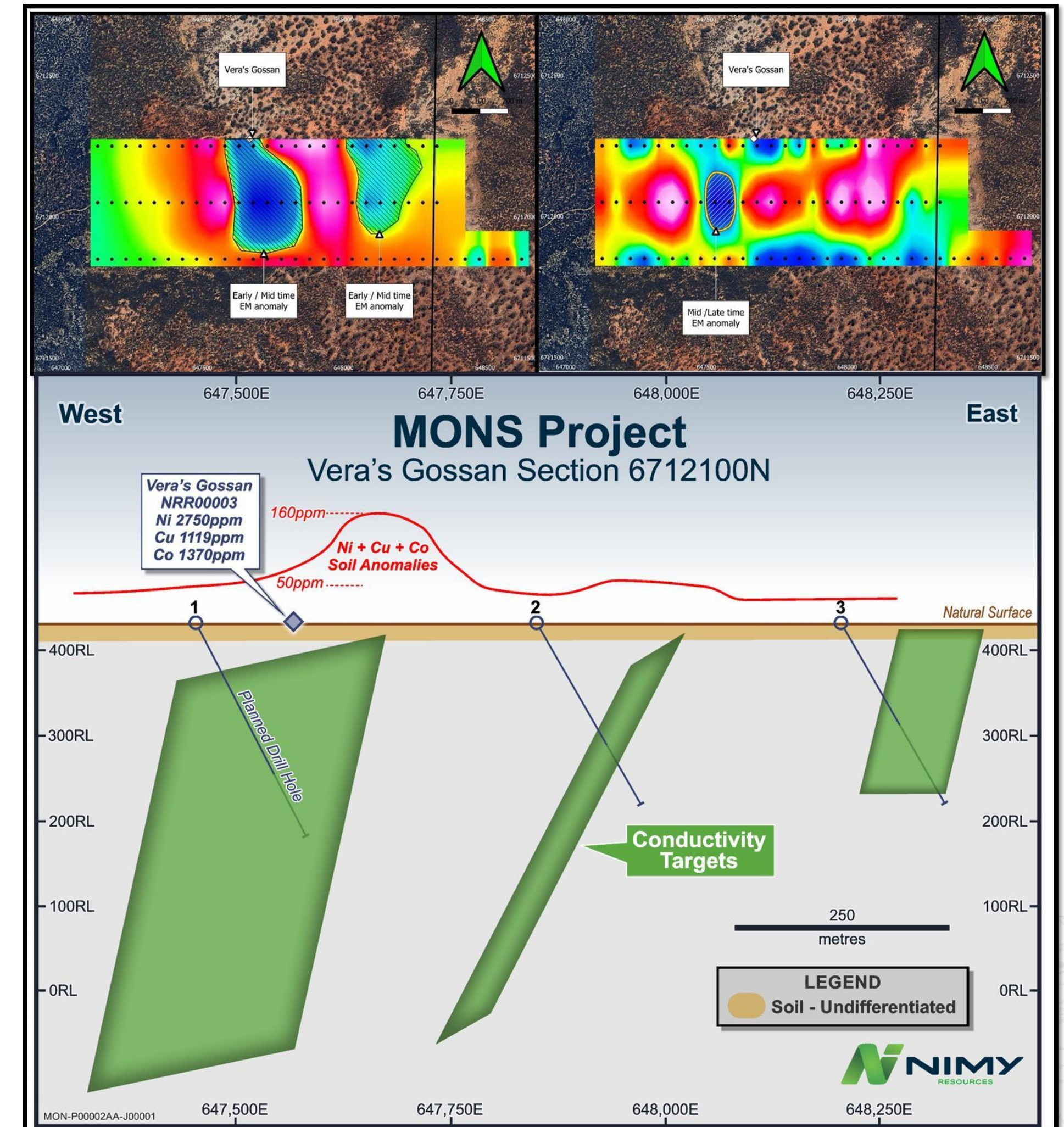
Multiple interpreted intrusive zones

- ❑ Masson intrusive (mafic /gabbro – felsic / diorite) is one of 5 interpreted in the north of the Mons Project
- ❑ 4 of the intrusive zones contain VTEM anomalies for follow up (currently soils over priority picks)
- ❑ Masson discovery made following VTEM – MLEM- drill –DHEM
- ❑ Veras Gossan – surface discovery of mineralized gossan – follow up MLEM delivered 3 large moderate conductance anomalies coincident with soil anomalies (Cu, Ni, Co, Pb, Zn)
- ❑ Block 1 follow up MLEM delivered 1 large low conductance EM anomaly
- ❑ Priority exploration at Masson – soils, VTEM plate modelling, upcoming drill and DHEM program



Vera's Gossan – Masson Repeat?

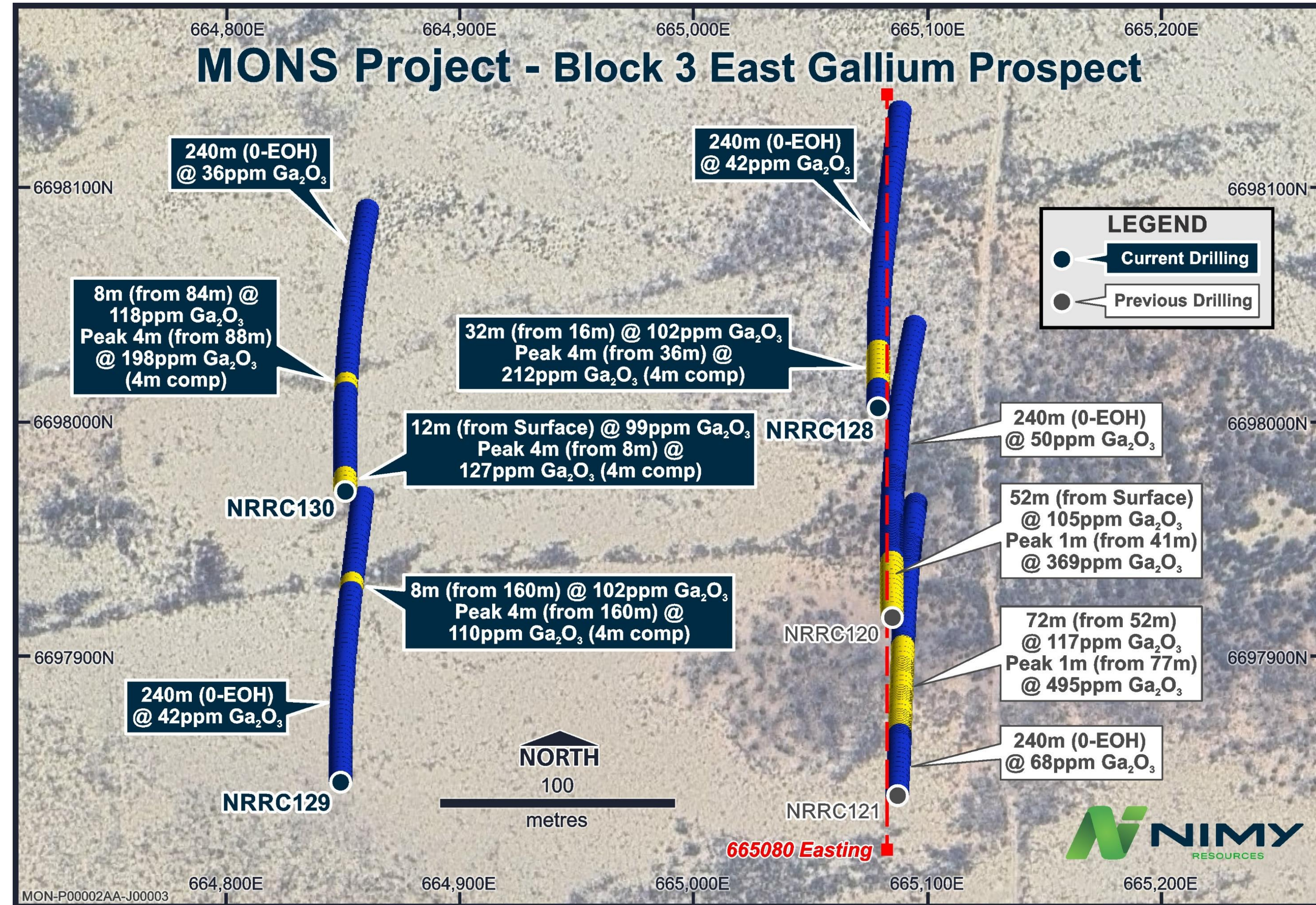
- ❑ Rock chip sampling of Vera's Gossan returned highly anomalous assays with the peak sample being **NRR00003 with nickel at 2750ppm, copper at 1119ppm, cobalt at 1370ppm, zinc at 3180ppm and sulphur at 1360ppm** (reported 21/05/2024).
- ❑ The gossan is 13kms directly west of the Masson Discovery copper, nickel, cobalt and PGE massive sulphide.
- ❑ GAP geophysics completed a MLEM survey and **detected three large EM anomalies beneath, extending south and remain open to the north of the outcropping gossan.**
- ❑ Soil sampling grid completed extending the anomaly both west and south. Extended grid planned 2025.
- ❑ Three RC drill holes targeting EM anomalies planned for 2025.
- ❑ Further soil sampling and MLEM grid /DHEM (when appropriate) works planned.



Top - Vera's Gossan (white square), MLEM decay time channel 10 Z component anomaly outlines (Black polygons), MLEM decay time channel 20 Z component anomaly outlines (yellow polygons).
Below – EM conductive anomalies beneath Vera's Gossan and proposed drill holes

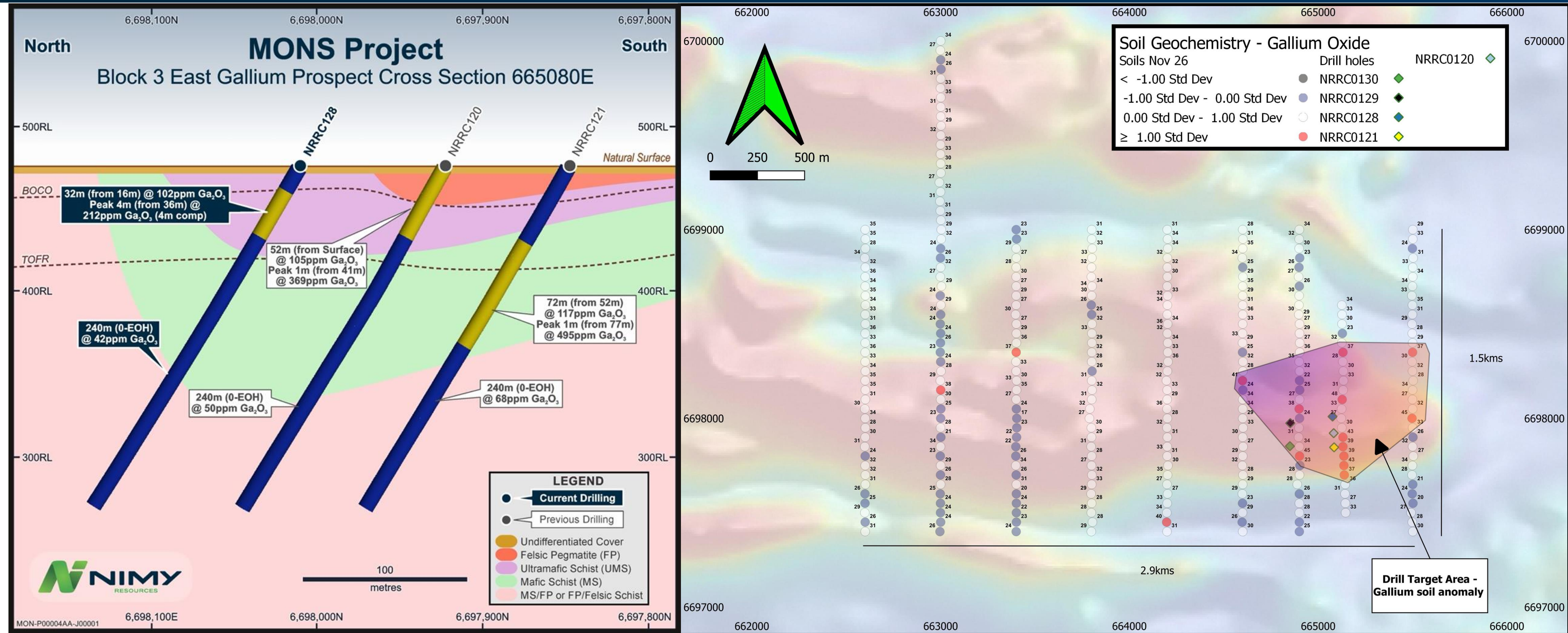
Block 3 High Grade Gallium – an emerging critical metal

- ❑ The 24NRRC0128 drill hole extends the near surface high-grade gallium strike length intersected previously to 160m and is repeated 220m to the west in hole 24NRRC0129 and 24NRRC0130.
- ❑ **Gallium is on the critical metals list** for Australia, USA, EU, India, Japan, Republic of Korea and the UK.
- ❑ According to the US Geological Survey, **China produces 98 percent of the world's supply of gallium**. China introduced sanctions in August 2023.
- ❑ **Gallium is needed to produce gallium nitride** (GaN), used in the manufacture of LED's, magnets, integrated circuits, and solar panels.
- ❑ **Gallium handles higher amounts of power than silicon**, meaning GaN-based chips can be more efficient and durable than their silicon counterparts.
- ❑ Block 3 has high grade **near surface gallium** resource potential.



Schematic view of drill holes at Block 3 East Gallium Prospect

Block 3 Gallium – Soil sampling expands the footprint



- Soil geochemistry outlines a highly anomalous surface area of approx. 900m x 650m with a maximum value of 48ppm Ga_2O_3
- Nimy now targeting maiden gallium JORC Resource with upcoming infill drilling program.
- High-grade gallium in drilling already outlined over 160m strike, starting at surface.
- Offtake discussions underway with third parties.

Exploration Focus

Priority 1 – Masson (Cu, Mo, Ag) extension

- Soil sampling along strike – assays pending
- Modelling of VTEM anomalies (Resource Potentials)
- JORC Target Estimate – January 2024
- Drill program – RC and DD (tail), DHEM

Priority 2 – Gallium

- Extend soil sampling across anomaly
- JORC Target Estimate – January 2024
- Metallurgical testing
- Air-core extensional drilling

Priority 3 – Veras Gossan

- MLEM anomalies modelled – drill ready (RC)
- Extend soil sampling

Priority 4 – Masson Repeats

- Soil sampling across select VTEM anomalies

Priority 5 – Gold Prospectivity

- Structural interpretation of prospective areas
- Soil sampling



Thank you

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