



Mons Project

Exploring a new Western Australian
Base and Precious Metals
Greenstone Belt

Company Update
August 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.

Corporate & Capital Structure

\$0.051

Share Price (as at 31 July 2024)

A\$8.5M

Market Cap (as at July 2024)

166.5M

Shares on Issue

29.5M

Options on Issue

58.64%

Top 20 Shareholders



Simon Lill
Non Executive Chairman

Simon has over 35 years' experience in capital markets and corporate management bringing experience to drive growth across a range of small to medium sized listed companies during that time, most notably Simon is credited, along with his management team at the time with the Hemi discovery at De Grey Mining (6.0Moz @ 1.5g/t Au). Simon remains non-executive Chairman of De Grey Mining (ASX: DEG), an ASX200 company.



Luke Hampson
Executive Director

Luke is co-founder of Nimy Resources and continues to be a major driver in our development. With over 36 years in the mining industry, holding senior management roles within the Asia Pacific region across multiple disciplines including exploration, engineering, asset planning and delivery, procurement, business improvement, marketing and human resources. Luke's previous appointments were 19 years experience at Caterpillar dealer WesTrac Pty Ltd, 3 years at Rio Tinto Iron Ore and 13 years as Managing Director of Cloonmore Mining and Energy.



Christian Price
Executive Director

Christian is a Mining Engineer and Mineral Economist with over 20 years in operation and technical roles within the resources industry. Christian has a passion in the exploration and ultimate discovery and brings with him technical knowledge that is invaluable to the Nimy Resources management team. Most recently Cristian was the CEO of ASX:REZ explorer and developer of projects in Western Australia and Queensland.



Fergus Jockel
Head of Exploration

Fergus has over 30 years' experience in mineral exploration and resource development. He has been involved in commodities, including gold, base metals, rare earths, uranium, coal, nickel, phosphate, lithium and magnetite, in a number of geological environments. Whilst working in Australia he was involved in several gold discoveries in the Eastern and Murchison Goldfields in Western Australia, the Scuddles Cu-Zn-Ag deposit and the Maroochydore copper deposit



Henko Vos
Company Secretary

Henko is a member of the Australian Institute of Company Directors, the Governance Institute of Australia and Chartered Accountants Australia and New Zealand. He holds similar secretarial roles in various other listed public companies in both the industrial and resource sectors.

Investment Highlights

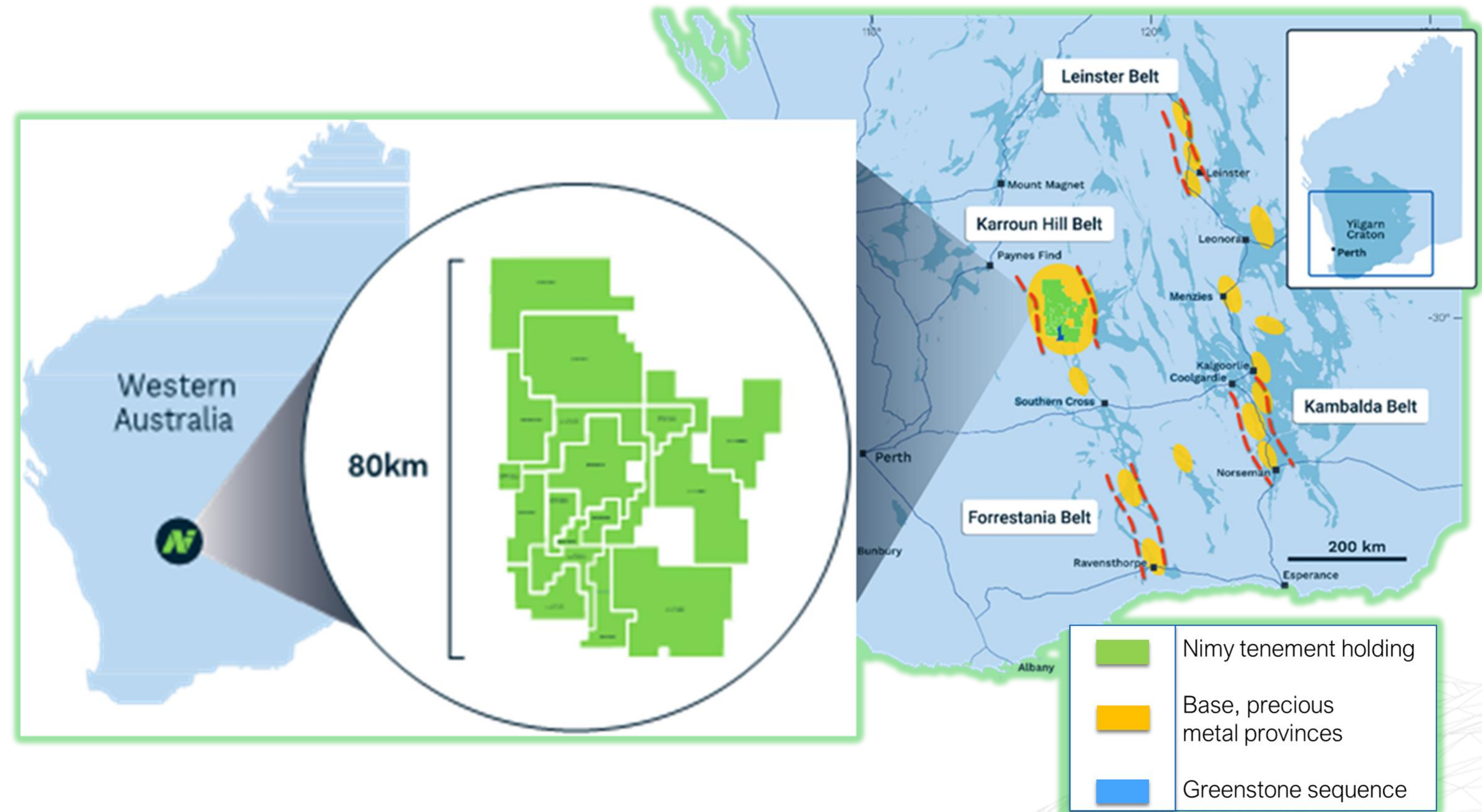
- ✓ Exploration confirms new 80km x 30km Western Australian greenstone belt in the Yilgarn Craton 370kms north – east of Perth
- ✓ Multi commodity potential confirmed in drilling
- ✓ Hi tech approach to exploration for mineral deposits – VTEM, MLEM, DHEM, IP surveys successfully applied.
- ✓ Early success in discovering highly promising mineralised massive and disseminated sulphides carrying nickel, copper, cobalt, platinum, palladium, gold and silver
- ✓ Gabbroic host rock similar to Voisey's Bay, Nova Bollinger large high grade, high value deposits
- ✓ Pipeline of targets point to multiple occurrences - first 2 of over 230 VTEM anomalies successful in locating massive sulphide mineralisation
- ✓ Drilling extensions of mineralisation discoveries commencing 5th August 2024
- ✓ Gold exploration strategy and model in development – structural interpretation and AI targeting model underway after multiple gold hits in weathered zones.



Diamond core from NRDD008 – Masson discovery

Nimy Resources – Mons Project – Location

- New greenstone belt of over 80km strike length in area previously interpreted as granite
- Land holding of over 3000km² in the Murchison Domain, Youanmi Terrane, Yilgarn Craton Western Australia
- 370km to the north-east of Perth, within the shires of Yilgarn and Westonia, Western Australia
- Yilgarn craton is of Archean age and contains world class nickel, copper, gold, lithium deposits
- Ever growing pipeline of multi commodity targets identified



28
Ni
Nickel

29
Cu
Copper

27
Co
Cobalt

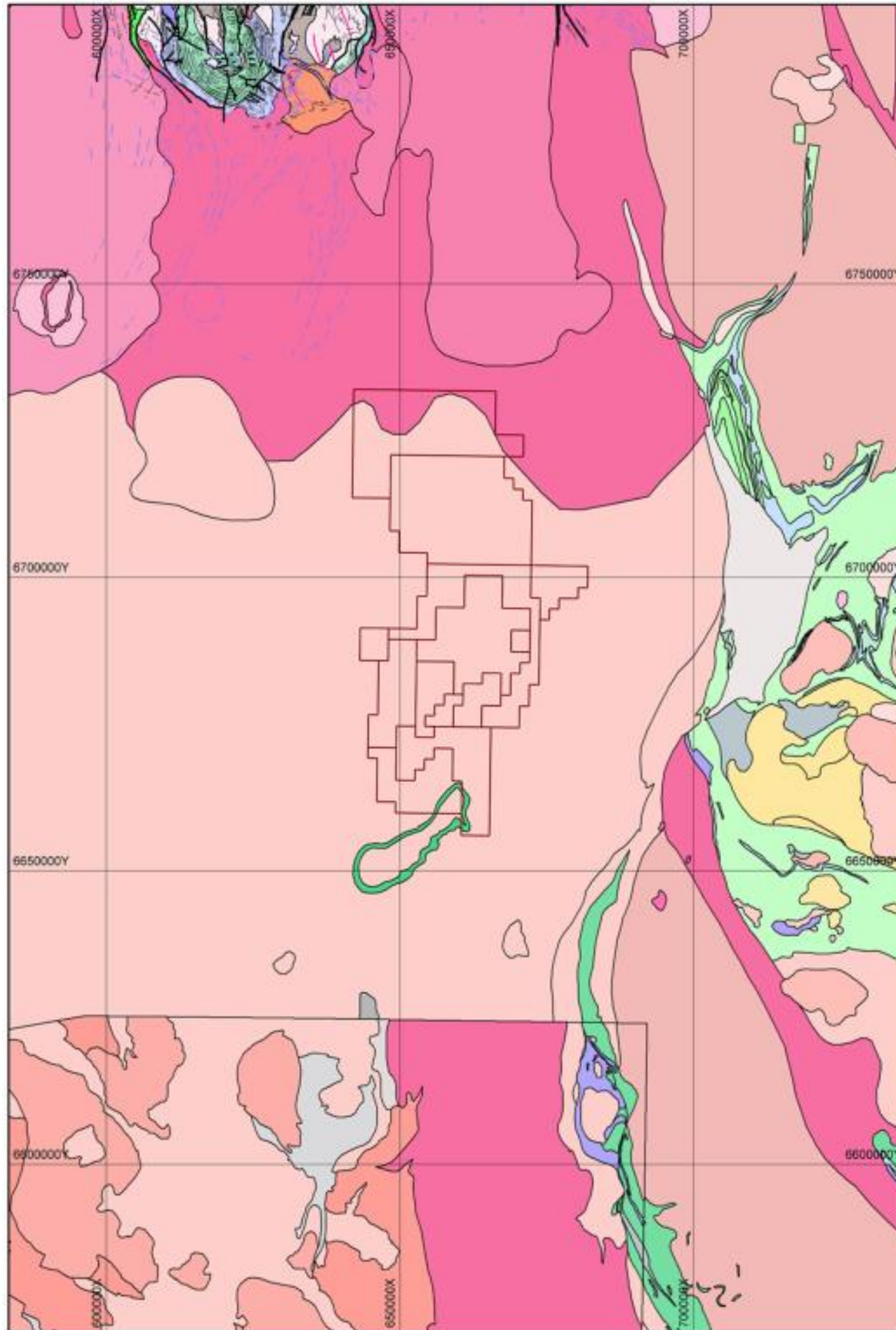
46
Pd
Palladium

78
Pt
Platinum

79
Au
Gold

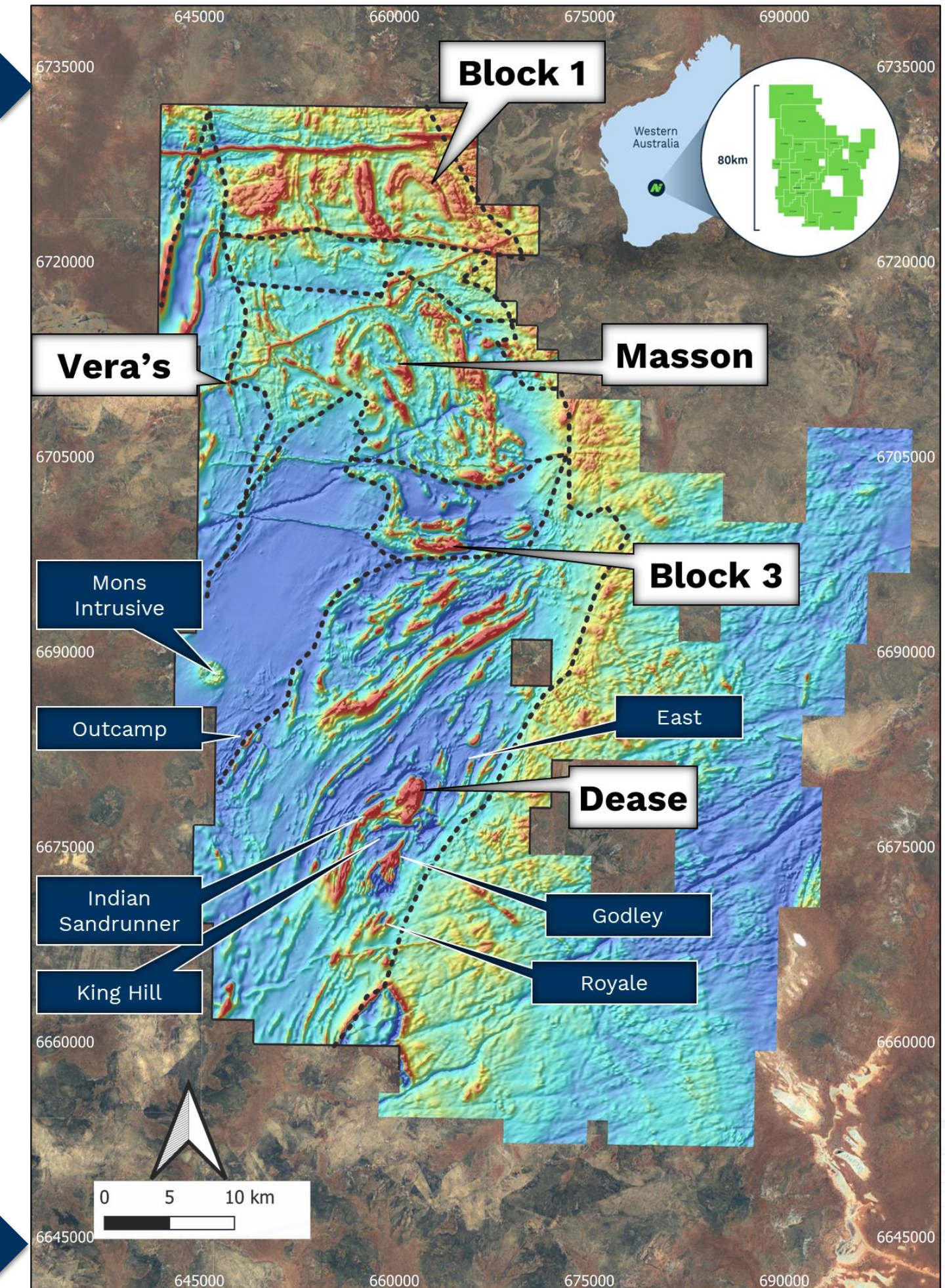
47
Ag
Silver

Geology – large scale, new and complex greenstone belt



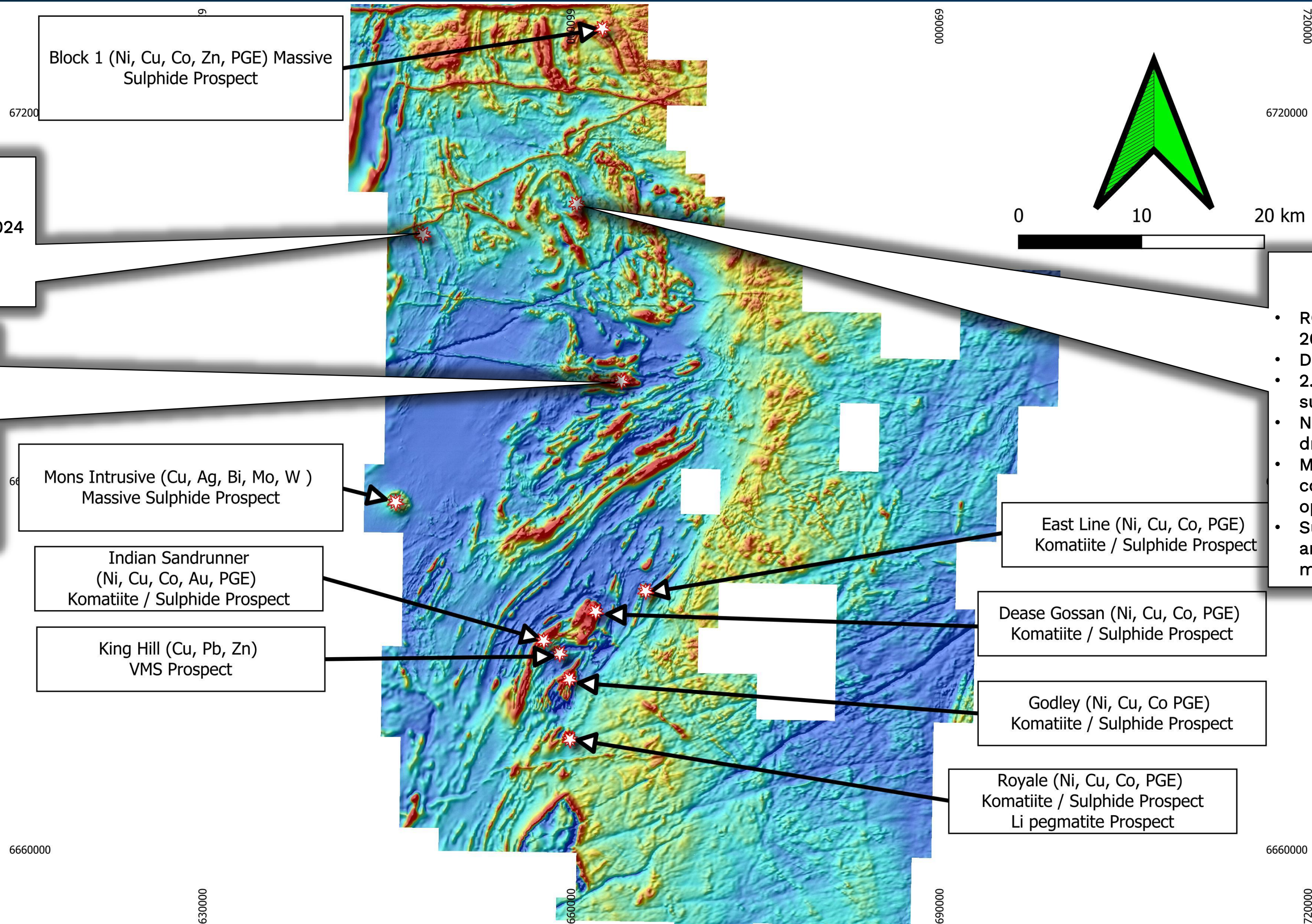
Current GSWA interpretation – entirely granite terrain

- ❑ New greenstone belt containing up to 8 zones of geological difference
- ❑ Currently mapped as granite – GSWA
- ❑ Numerous prospects and commodities identified through geophysics, surface sampling and drilling
- ❑ Nimy has reprocessed all magnetic, gravity and radiometric surveys available and completed 2,417 line kms of VTEM
- ❑ Komatiite flows in the south, ortho-magmatic intrusions in the north with later stage felsics, cross cutting dolerite dykes and sills
- ❑ Fertile massive and disseminated sulphides drilled carrying nickel, copper, cobalt, platinum, palladium, gold and silver
- ❑ Anomalous zones of rare earths and gallium
- ❑ Fractionated LCT pegmatites drilled



Nimy Resources interpretation consisting of 8 zones of geological difference identified in drilling and geophysics

Multi Commodity Potential Unveiled –Priorities Set



Veras Gossan Prospect

- RC drilling commencing early August 2024
- 3 EM anomalies identified
- Anomalous Ni-Cu-Co-Zn soil and rock chip assays

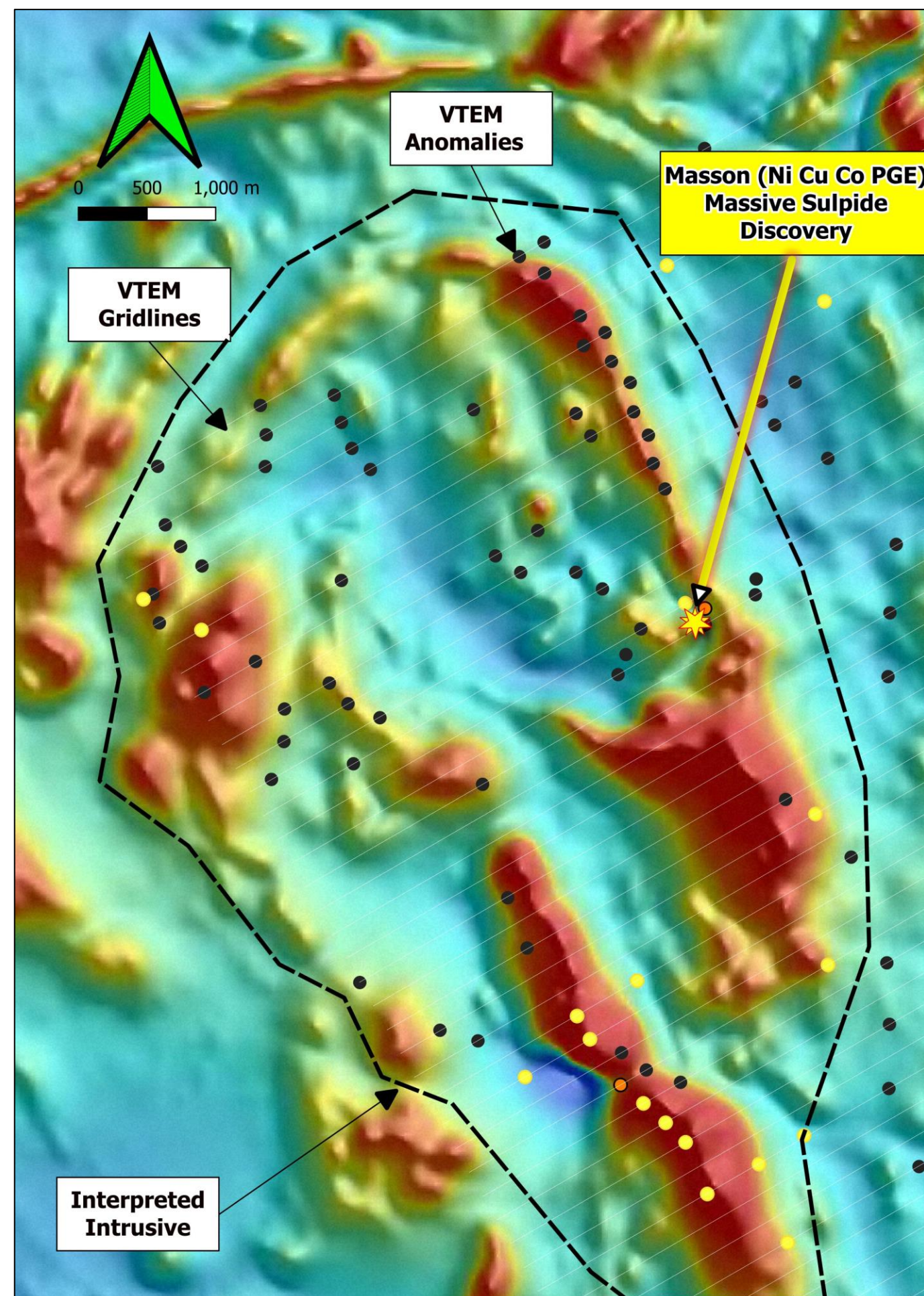
Block 3 Prospect

- RC drilling commencing early August 2024
- Dipole –Dipole survey August 2024
- Cu-Au-Ag in massive and disseminated sulphides,
- Large coincident IP chargeability / resistivity anomalies identified

Masson Discovery

- RC / DD drilling commencing early August 2024
- DHEM survey August 2024
- 2.5D Inversion modelling of Block 2 VTEM survey underway
- Ni-Cu-Co-PGE massive sulphide's - first drilling of VTEM anomalies,
- Mineralisation from 102m -215m, anomaly continues another 70m depth and remains open in all directions
- Sulphide mineralisation is within an anorthositic gabbro setting – not typical WA more the Canadian style i.e. Voisey's Bay

Masson Discovery – Unlocking Potential at Scale



- 1st hole (NRRC0100) targeting MLEM conductive anomalies 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.
- Sulphide mineralisation hosted by gabbro (mafic) rocks, no ultramafic downhole entirely different to komatiite hosted nickel in the southern tenements
- Additional diamond hole drilled intersecting a 54m sulphide zone containing Ni-Cu-Co-PGE in massive sulphides
- Further 8 holes drilled of which 5 encountered significant sulphide mineralisation extending the strike to 160m with a downhole depth of 102m - 215m depth (open in all directions)
- Peak values over 1m of up to 1.49% Cu, 0.97% Ni, 0.16% Co, 0.73g/t PGE (2), 3.84 g/t Ag, 0.05 g/t Au

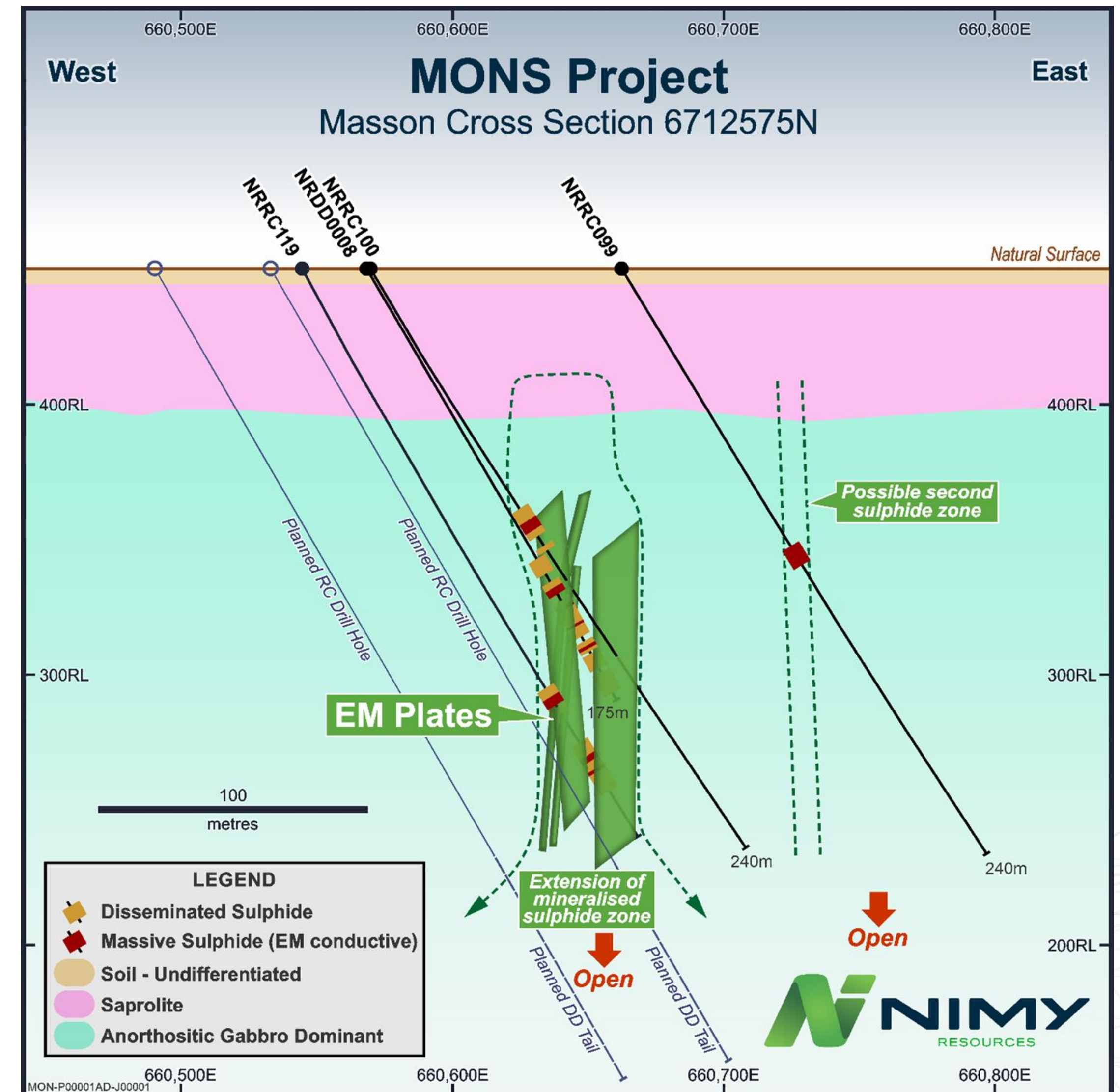


Masson Prospect position relative to outline of intrusive and remaining VTEM anomalies

Masson Prospect discovery drill hole NRRC0100 showing Massive and disseminated sulphide mineralisation (5m @ 0.73% Ni, 0.53% Cu, 0.06% Co and 0.55 g/t 2PGE from 102m). Inset of follow up diamond core (massive sulphides)

Masson Discovery – Drilling the Extension

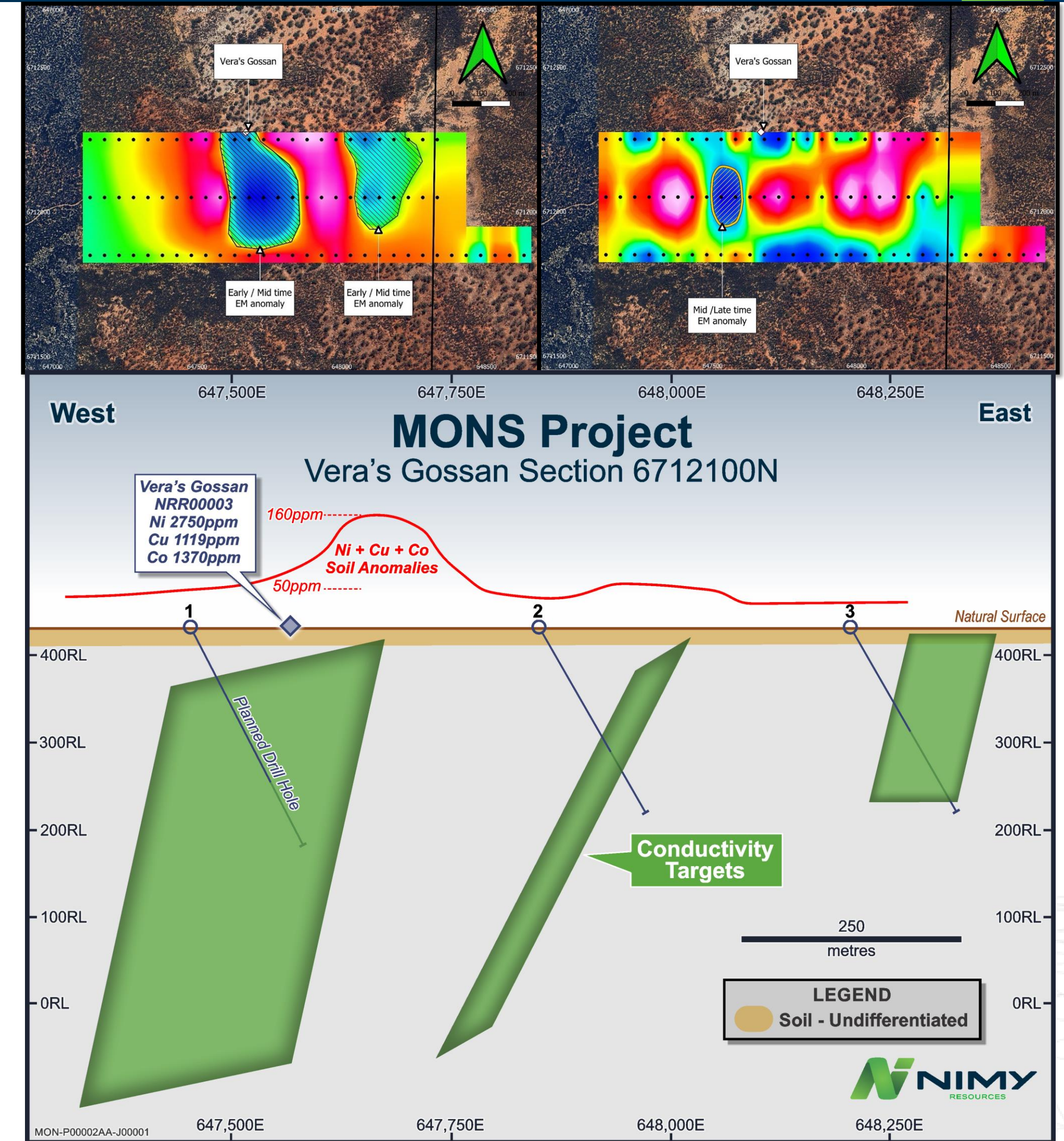
- Extension of mineralisation remains open
- Targeting extension and increasing thickness of mineralised sulphide which is currently interpreted as a subvertical shoot above a potential orebody
- Drilling of RC pre collar and diamond drill tails commencing August 2024
- DHEM following drilling
- 2.5D Inversion modelling of VTEM survey data in progress
- The conductor plates extend approximately 70 metres below the previously reported conductor plates and 38 metres below the massive, semi massive and disseminated sulphide mineralisation in drill hole NRRC119.



Schematic showing EM anomalies below mineralisation and proposed drill holes

Vera's Gossan – Repeat of Masson Discovery?

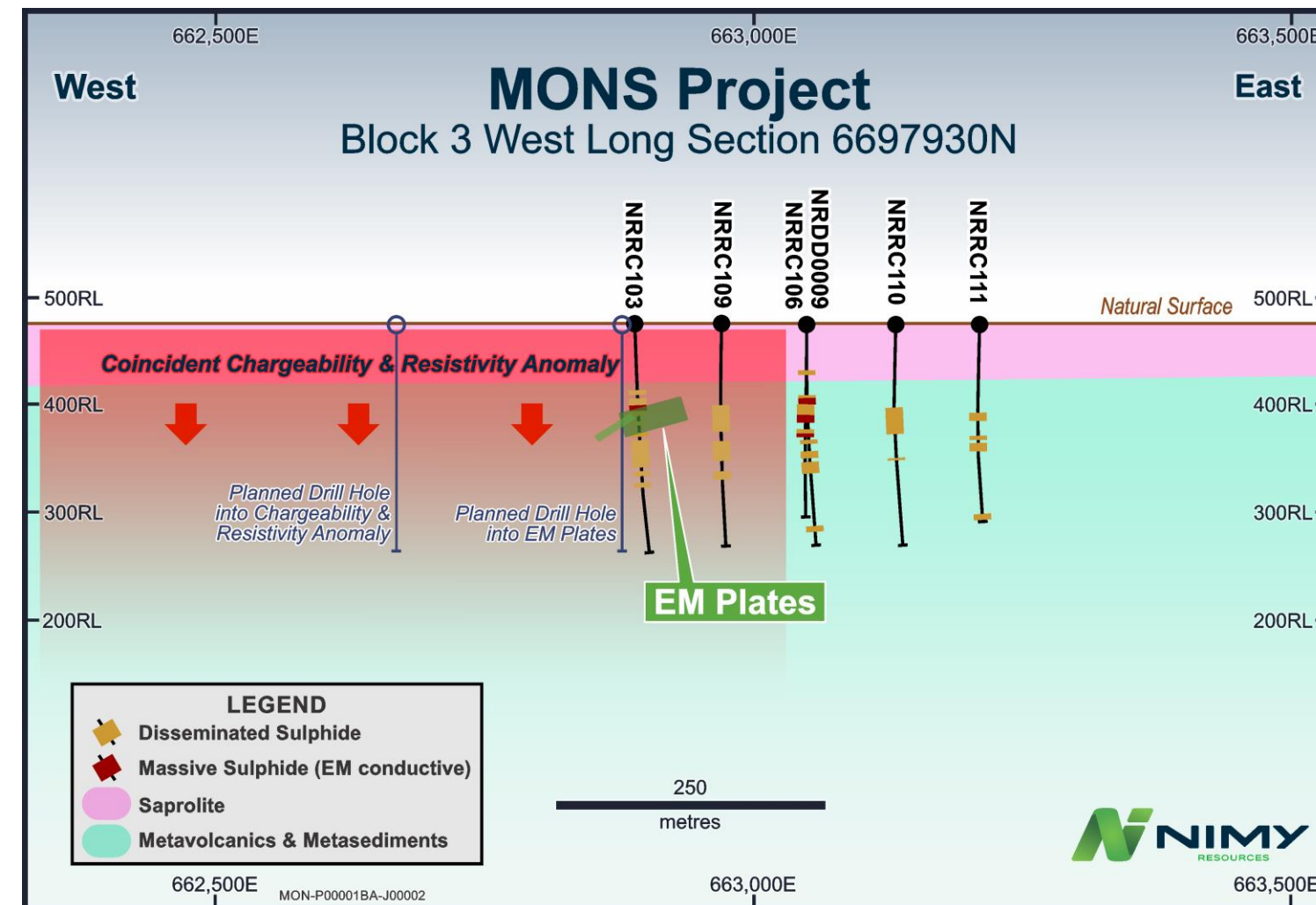
- 3 of RC drill holes targeting EM anomalies (August 2024)
- MLEM survey detected three large EM anomalies beneath, extending south and remain open to the north of the outcropping gossan
- Rock chip sampling of Vera's Gossan returned highly anomalous assays with the peak sample being NRR00004 with nickel 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 Prospect nickel, copper, cobalt and PGE massive sulphide discovery.



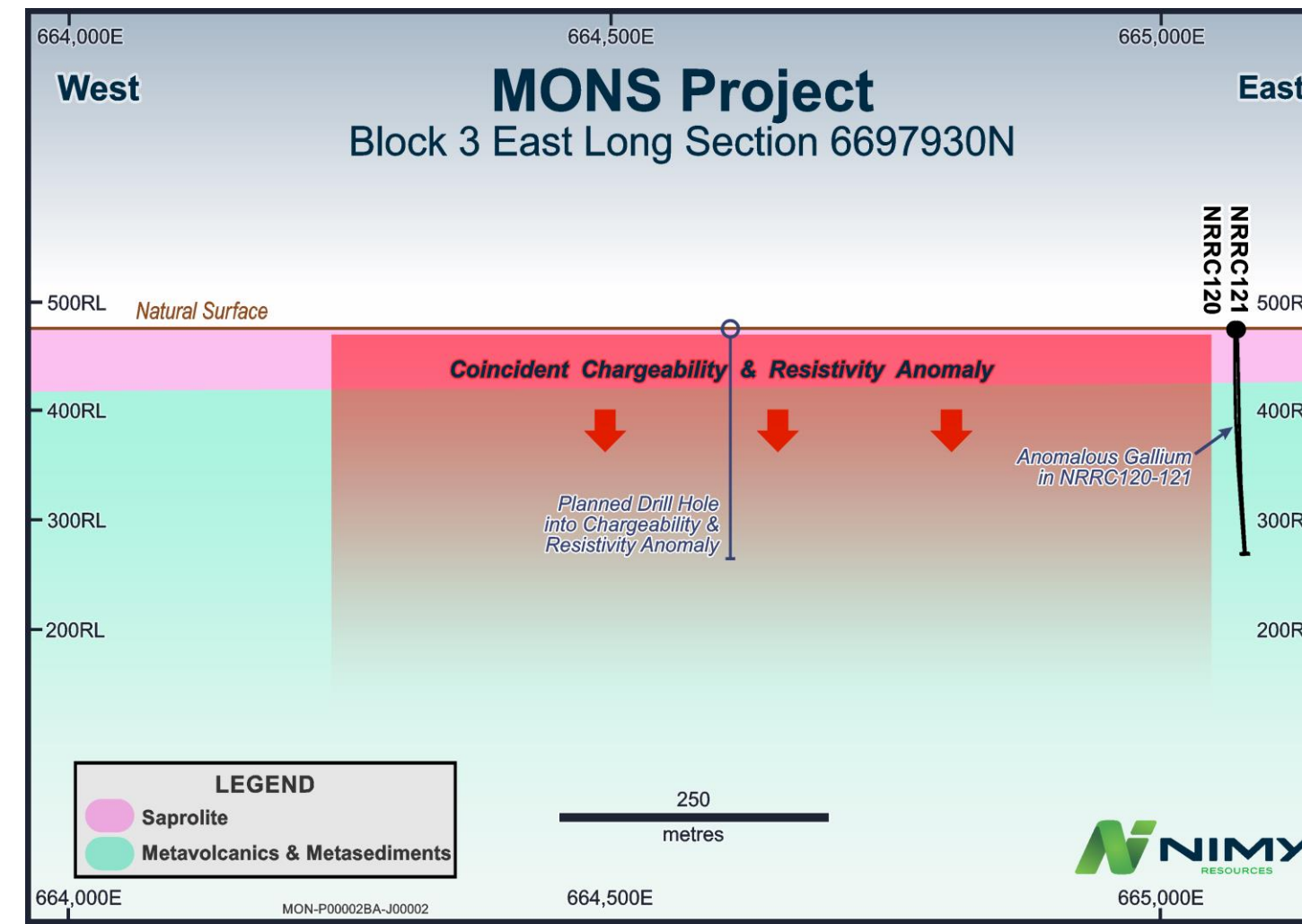
Top -Vera's Gossan (white square), MLEM decay time channel 10 Z component anomaly outlines (Black polygons), MLEM decay time channel 20 Z component anomaly outlines (yellow polygons),

Below – Em conductive anomalies beneath Vera's Gossan and proposed drill holes

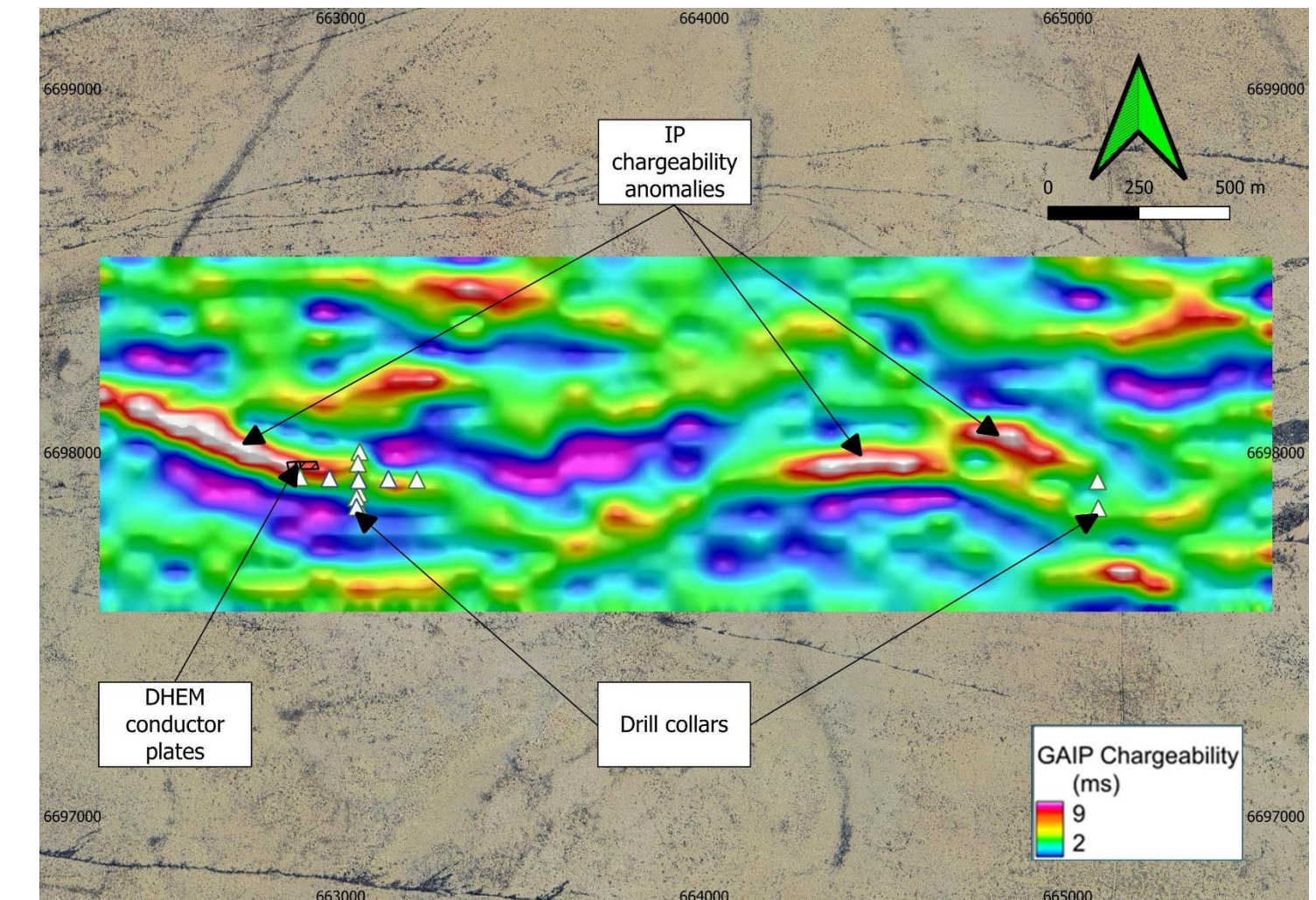
Block 3 – Copper, Gold, Silver, REE, Gallium prospect



Section view of Block 3 West, sulphide intersections of previous drilling relative to chargeability / resistivity anomaly and new conductive DHEM plates

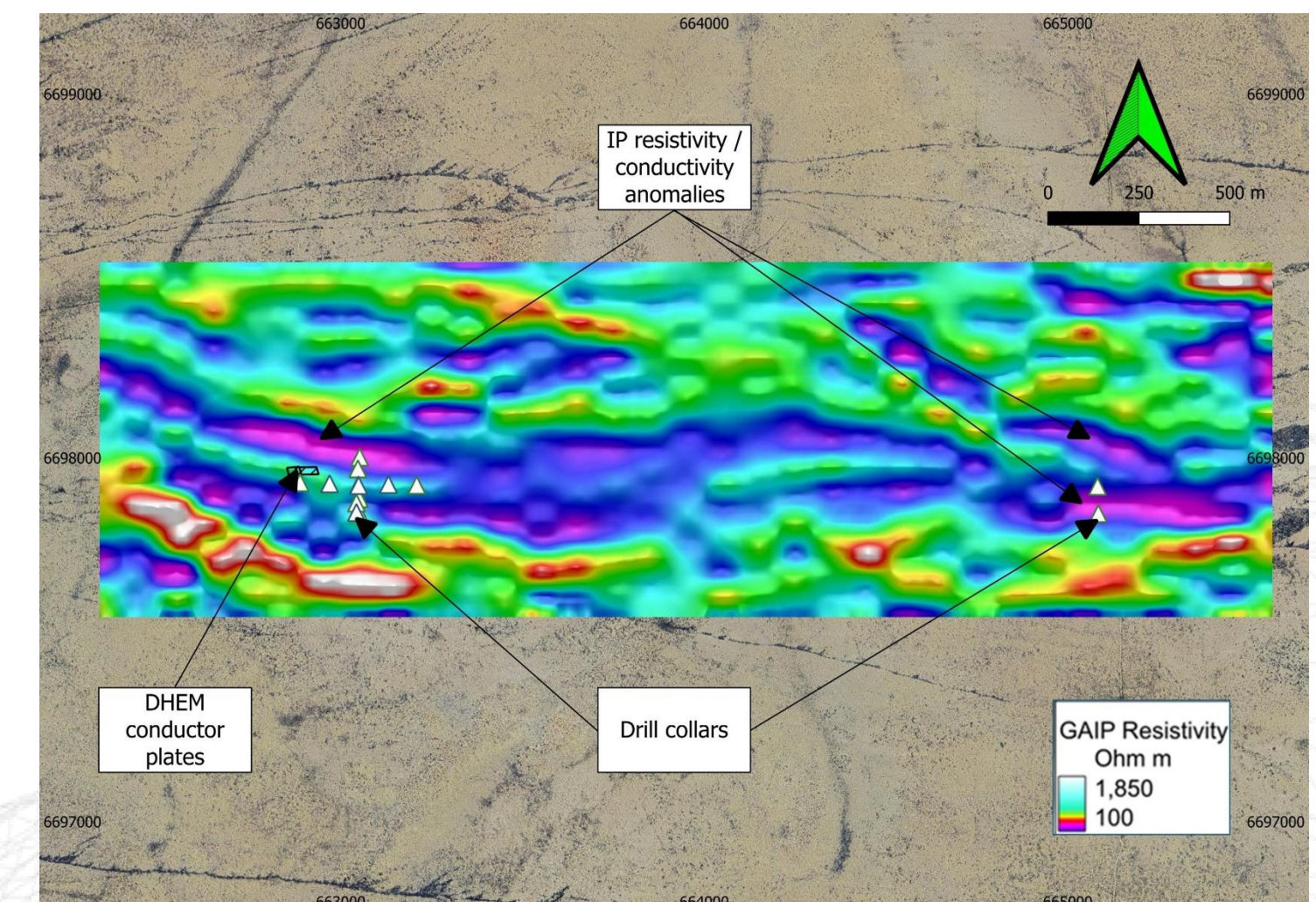


Section view of Block 3 East, previous drilling relative to chargeability / resistivity anomaly



Chargeability grid image (hotter colours are higher chargeability values), and Block 3 drillholes, over a satellite image.

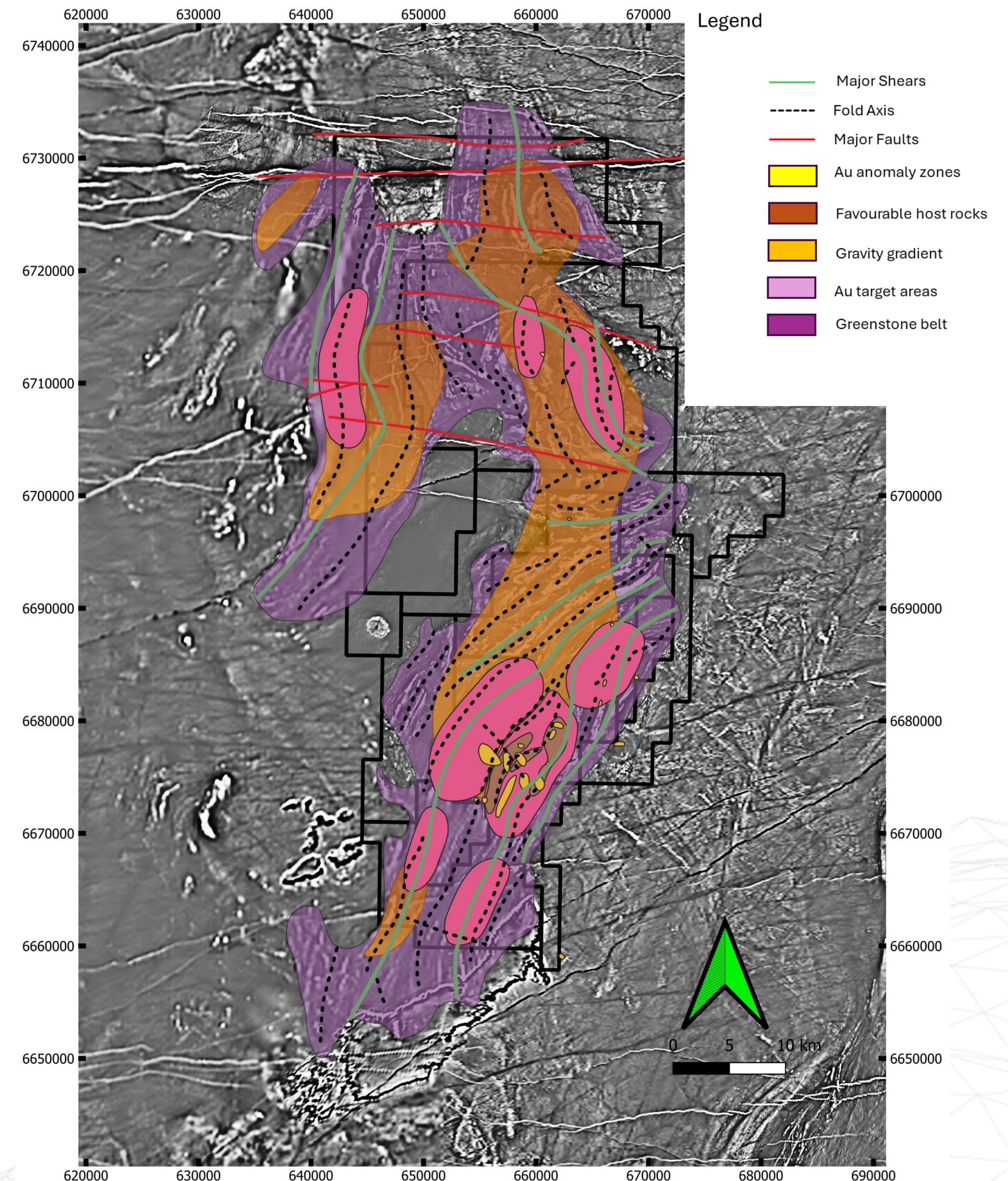
- ❑ Follow up RC drilling and dipole –dipole survey early August
- ❑ VTEM and MLEM identified electromagnetic anomalies, Block 3 West drill tested and returned Cu, Au, Ag in massive and disseminated sulphides, potential for large mineralised system
- ❑ Follow up Gradient Array Induced Polarisation (GAIP) survey has identified two extensive anomalous zones of coincident chargeability and conductivity indicating large zones of continued sulphide mineralisation proximal to initial drill holes
- ❑ Drilling returned anomalous copper, and high grade gallium at Block 3 East



Resistivity grid image (Hotter colours indicate higher resistivity / lower conductivity) and cooler colours indicate lower resistivity /higher conductivity) and Block 3 drillholes, over a satellite image.

Mons Project – Unlocking Gold Potential

- ❑ Gold exploration strategy and model in development – structural interpretation and AI targeting model underway after multiple gold hits in weathered zones (up to 0.2 g/t).
- ❑ Geophysics consultants Resource Potentials completed a desktop review of geophysics, structures, soil and drill anomalies to complete a prospectivity target model (figure to the right)
- ❑ Surface sampling has revealed several areas of interest including area east of King Hill (outcropping of Andesite) which has recorded Au highs of 51ppb in soil, with numerous assays of rock chips ranging between 10-80ppb.
- ❑ Extensive soil sampling program underway over areas identified as prospective
- ❑ Upon delivery drill programs including air core to be considered.



Work Plan - Priority Targets 2024

Exploration Schedule - Primary Targets

Jan - Dec 2024												
2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Masson Prospect												
Geophysics - DHEM / FLEM												
Target Generation												
Drilling R/C - Diamond												
Geochemical Assays												
Petrographic Analysis												
Block 3 Prospect												
Geophysics - DHEM / FLEM /VTEM Inv												
Geophysics - GAIP												
Target Generation												
Drilling R/C - Diamond												
Geochemical Assays												
Petrographic Analysis												
Vera's Gossan Prospect												
Soil and Rock Chip sampling												
Geophysics - FLEM												
Target Generation												
Approvals												
Drilling R/C - Diamond												
Geochemical Assays												
Gold Exploration Strategy												
Desktop Study (Resource Potentials)												
Soil sampling program												
Nimy Review (historic data)												
Target Generation												
Approvals												
Drilling (method tba)												
AI gold model (Sensore)												
Geochemical Assays (soil)												

Thank you

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Appendix – Previous Related Announcements



19/07/24	Drilling set to commence at Mons
12/07/24	Nimy raises 1.2m to drive drilling campaign
27/06/24	Extension to copper gold sulphide targets at Block 3
25/06/24	EM anomalies identified beneath Vera's Gossan
20/06/24	EM anomalies extended at Masson
24/05/24	Geophysical surveys commenced at Mons
21/05/24	Vera's Gossan confirmed as a nickel, copper target
18/04/24	Copper Rare Earths and Gallium at Block 3
26/03/24	Nimy receives \$1.47m R&D Refund
12/03/24	Copper – Nickel Discovery Extension
16/02/24	Second Drill for Equity Agreement with Raglan Drilling
11/01/24	Drilling to Re-commence at Masson Prospect
08/12/23	Strong Nickel Copper in large EM anomaly
15/11/23	Nimy Resources Investor Presentation November 2023
25/10/23	Hole Intersects 54m of Nickel Copper Sulphides from 118m
17/10/23	Assays confirm nickel and copper massive sulphides discovery
03/10/23	Massive Nickel-Copper Sulphides in First Hole