Battery Essentials for the new world

Nimy Resources – Company Update Presentation
November 2023
ASX:NIM

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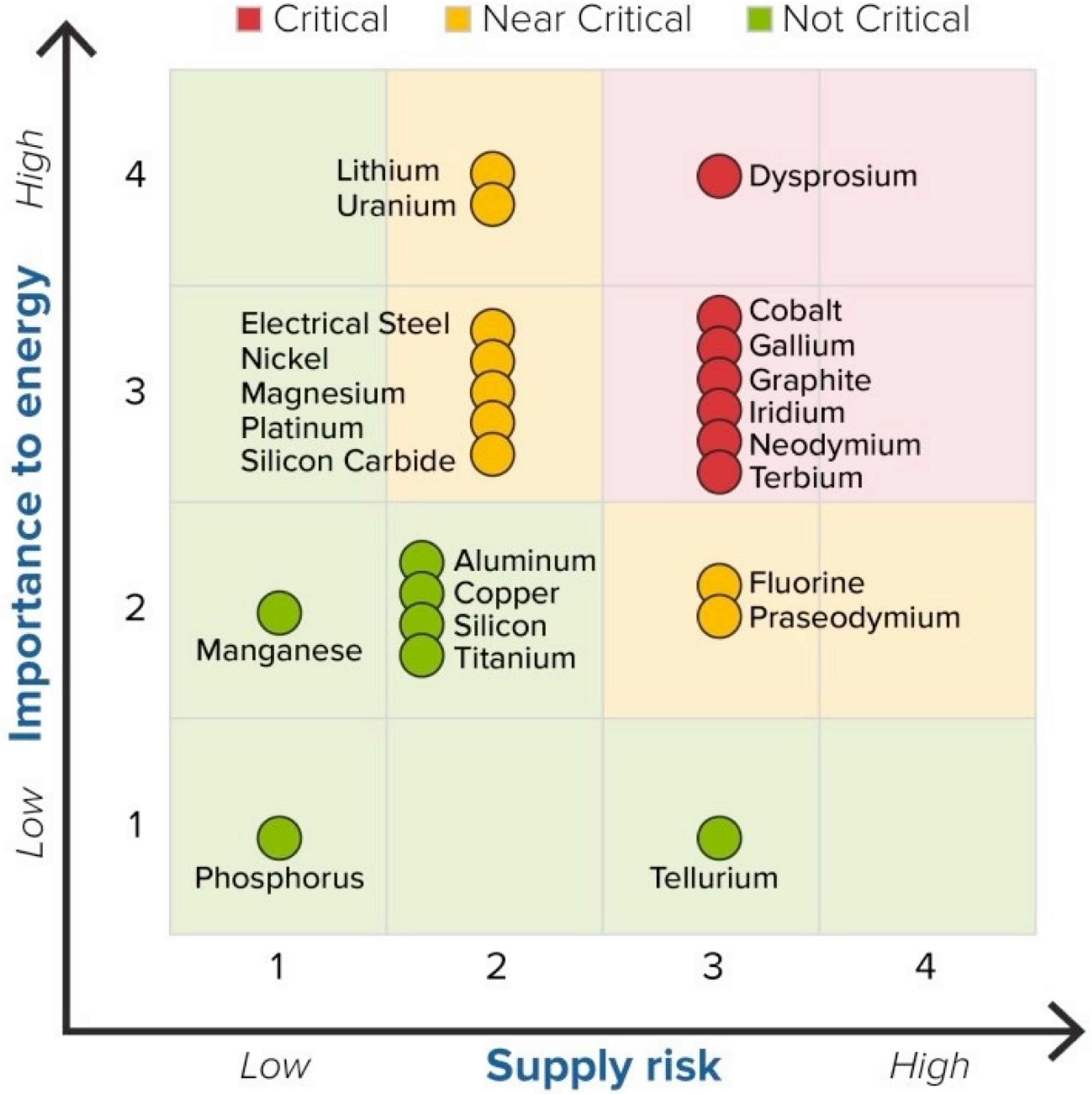
COMPETENT PERSON STATEMENT
The information contained in this report that pertain to Exploration Results, is based upon information compiled by Mr Fergus Jockel, a full-time employee of Fergus Jockel Geological Services Pty Ltd. Mr Jockel is a Member of the Australasian Institute of Mining and Metallurgy (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.

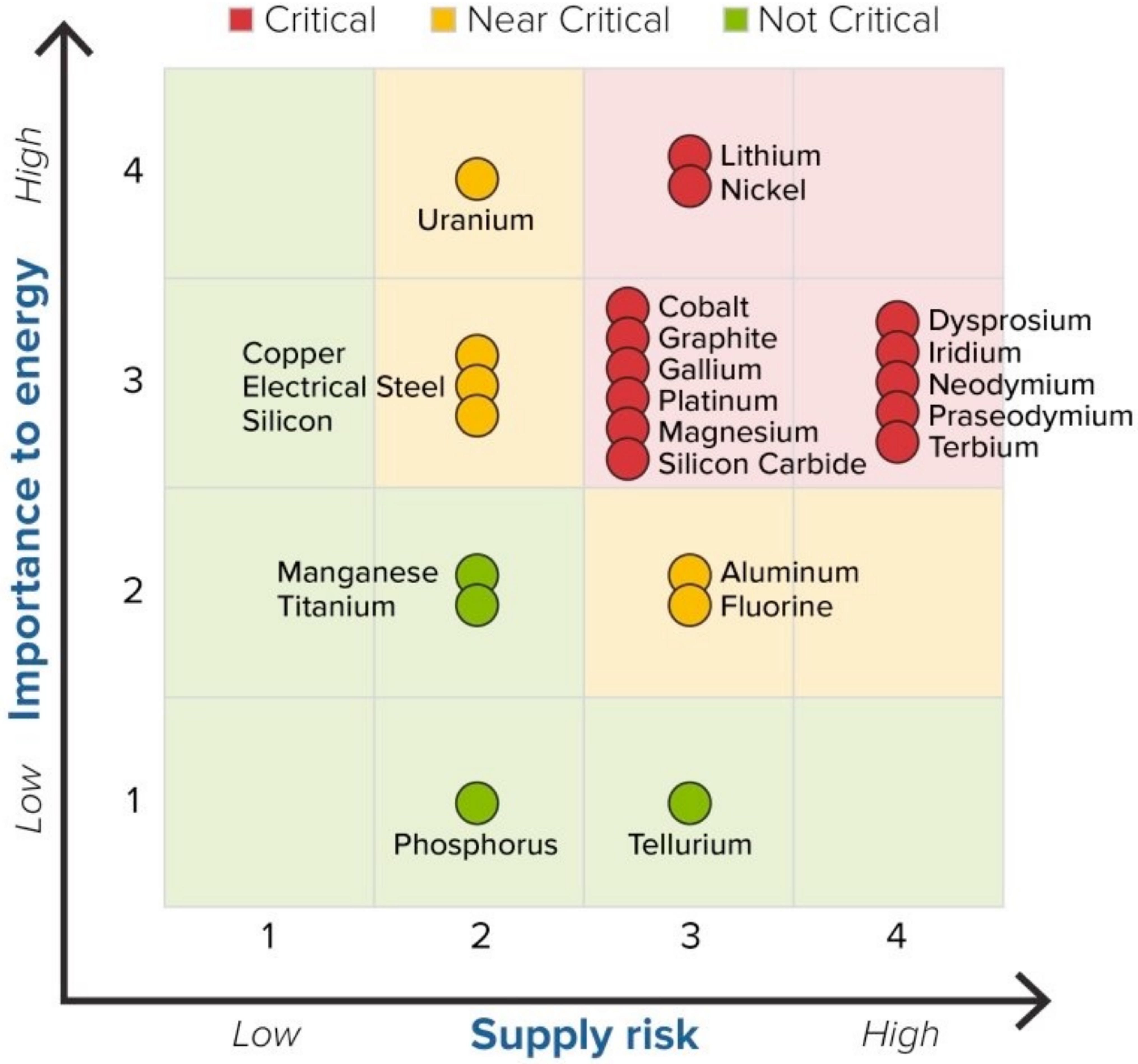
MONETARY VALUES
Unless otherwise stated, all dollar values are in Australian Dollars (A$). The information in this presentation remains subject to change without notice.

World View – Critical Minerals in High Demand

SHORT TERM 2020-2025

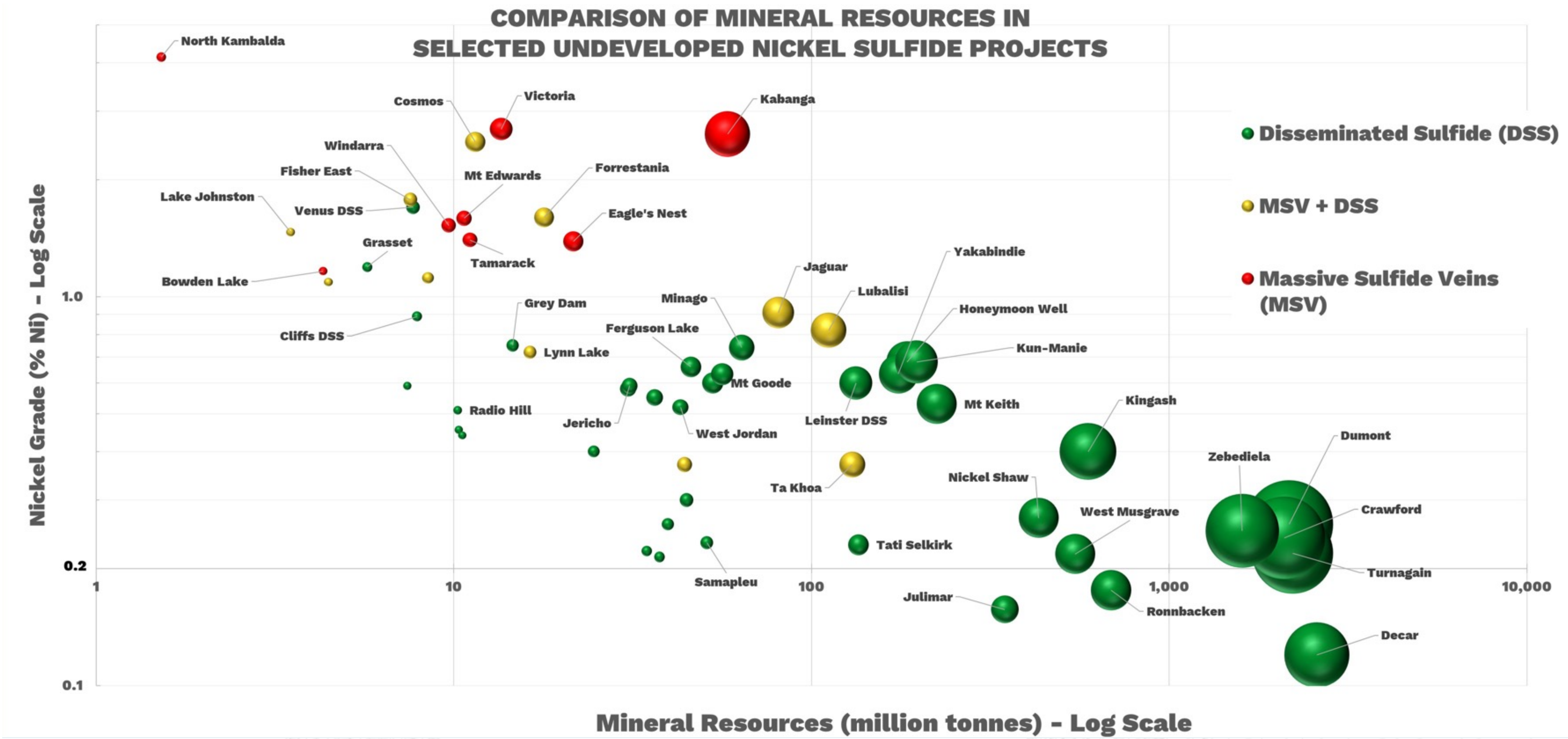


MEDIUM TERM 2025-2035



Source: www.energy.gov
Full Report: https://zurl.co/8oMd

World View – NiS Projects – Undeveloped Mineral Resources

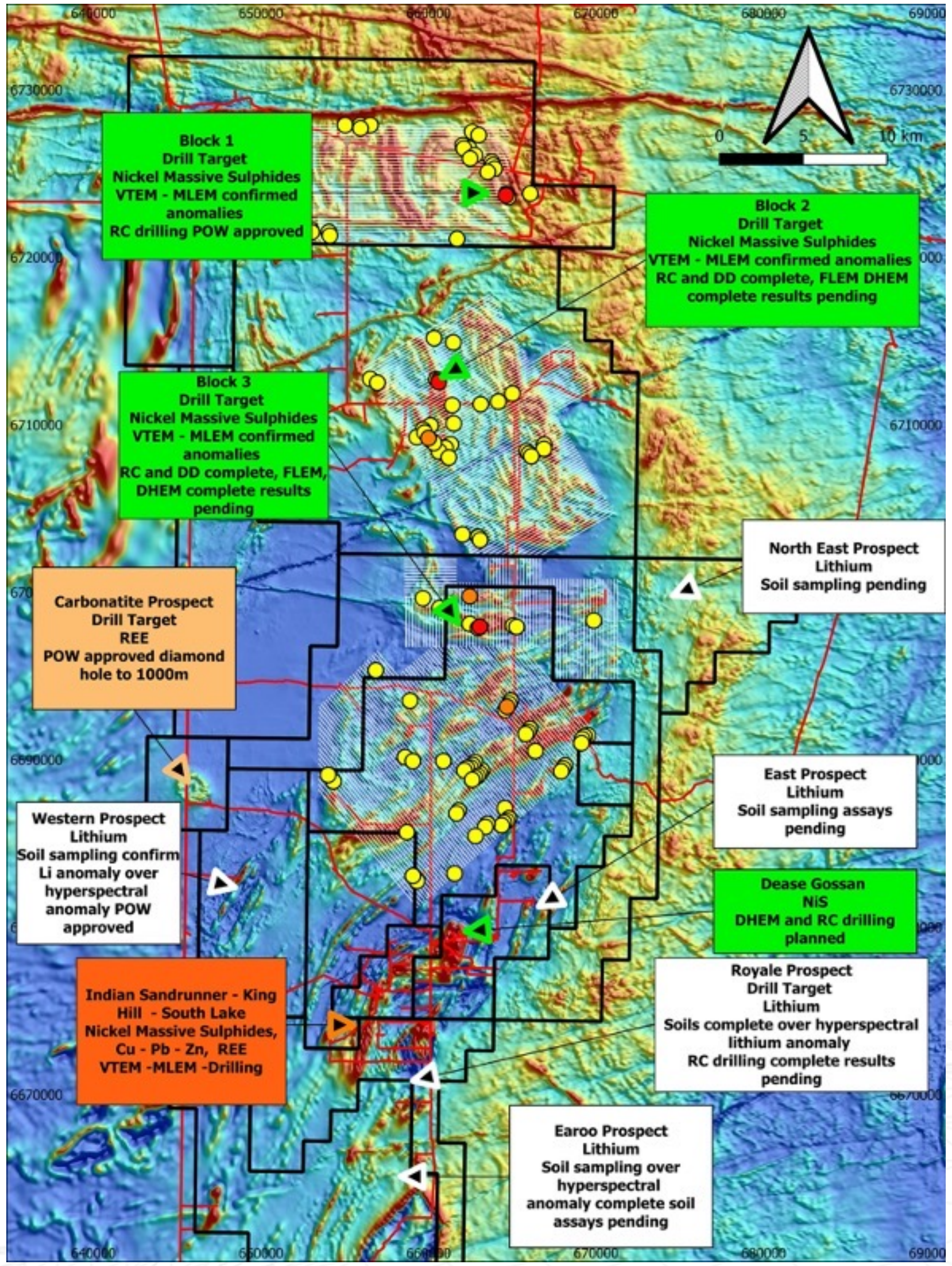


Source: S&P Global Market Intelligence, Terra Studio. Bubble size according to the metal content in mineral resources.

Nimy Resources — Highlights and Activity to November 2023

- Share Price $0.21
- Shares on Issue 136,600,000
- Options on Issue 28,000,000
- Recently raised $2,500,000 with Lind Global Fund
- 17 tenement package totaling 3006 km2
- Works completed include:
  - *16,853m Phase 1 RC Drilling (southern tenements)*
  - *2,417 linear km VTEM survey*
  - *MLEM programs over VTEM anomalies*
  - *4,677m Phase 2 RC Drilling (northern tenements + Lithium aster line)*
  - *DHEM and FLEM surveys over Blocks 2 and 3 (northern tenements)*
  - *406m Phase 2 Diamond Drilling (northern tenements)*
  - *Significant soil sample program in progress*

- Established substantial nickel bearing thick komatiite system in the southern tenements
- Ni-Cu–Co-PGE massive sulphide discovery confirmed at Block 2 with Block 3 results pending
- Established lithium, base metal and REE potential within the project
- Awarded State Government EIS Co-Funding 1,000m hole at the Mons Carbonatite Prospect

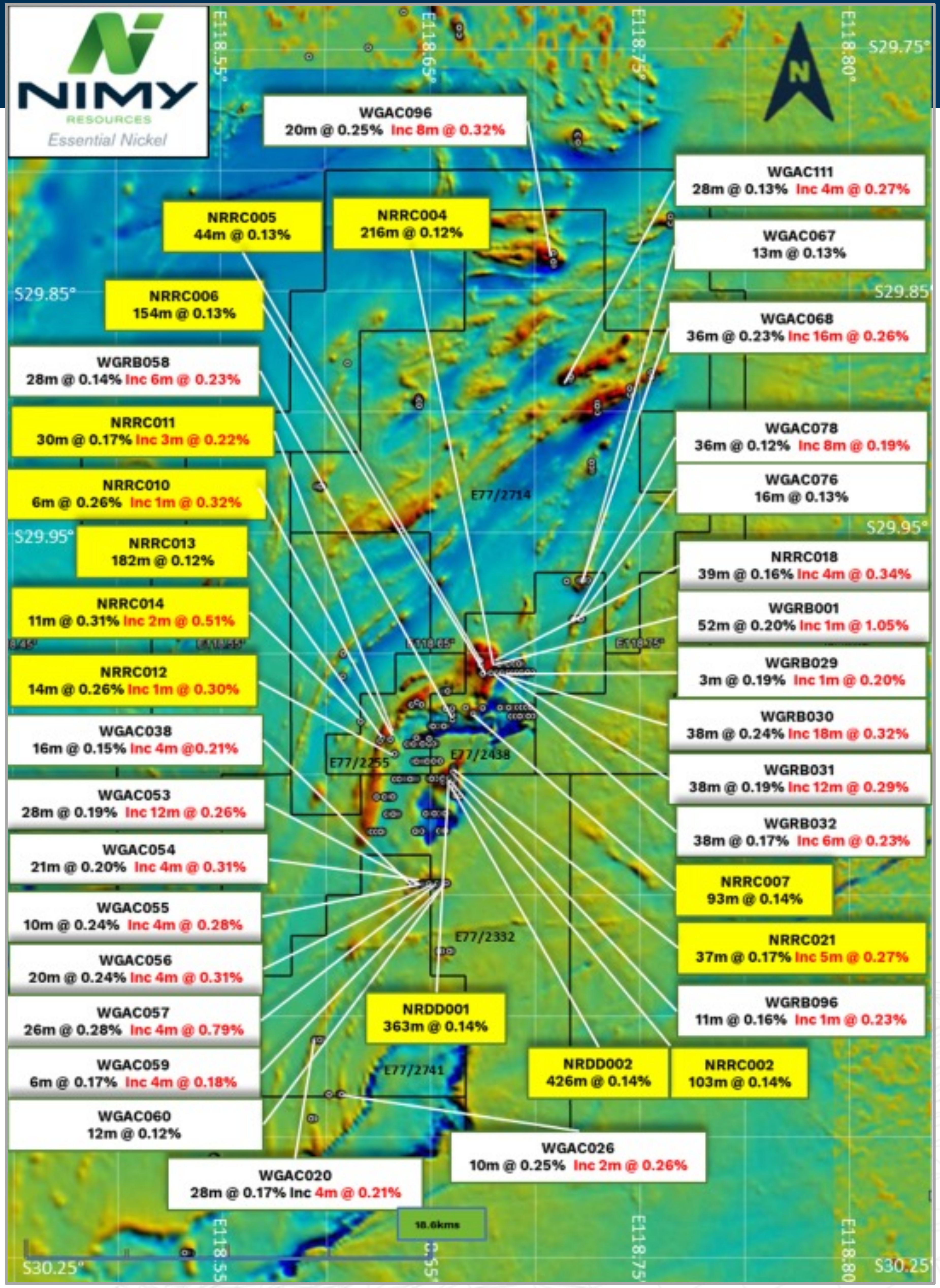


Mapped Priority prospects – including VTEM anomalies Red – priority 1, orange priority 1, yellow –priority 3 over colour magnetics.

Nickel - Southern Tenements

Significant Scale with Huge Low-grade potential

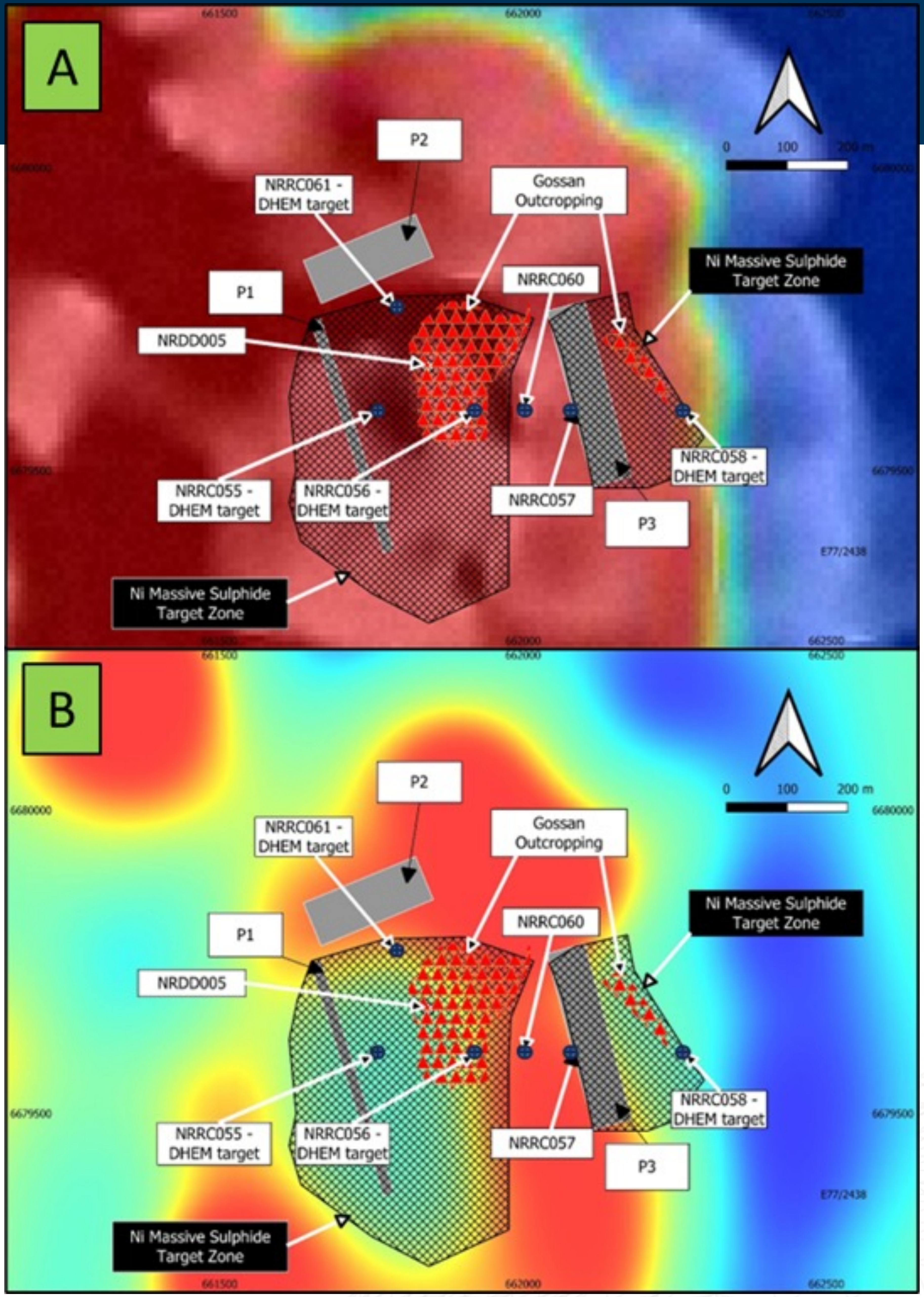
- **Drilling to date** has identified high-tonnage, low-grade Nickel mineralisation, including several higher-grade intervals
- **Large low grade intervals** include 426m @ 0.14% in NRDD002, 363m @ 0.14% in NRDD001
- **Completed drill campaigns** in the southern tenements continue to show massive scale and potential
- **Soil sampling** continuing using ultrafine geochemical analysis
- **Geophysics (V-TEM, MLEM)** work planned to assist in unlocking higher grade accumulations of nickel sulphides within the southern tenement komatiite system



Nickel - Southern Tenements

Nickel enriched oxide zone over thick komatiite flows

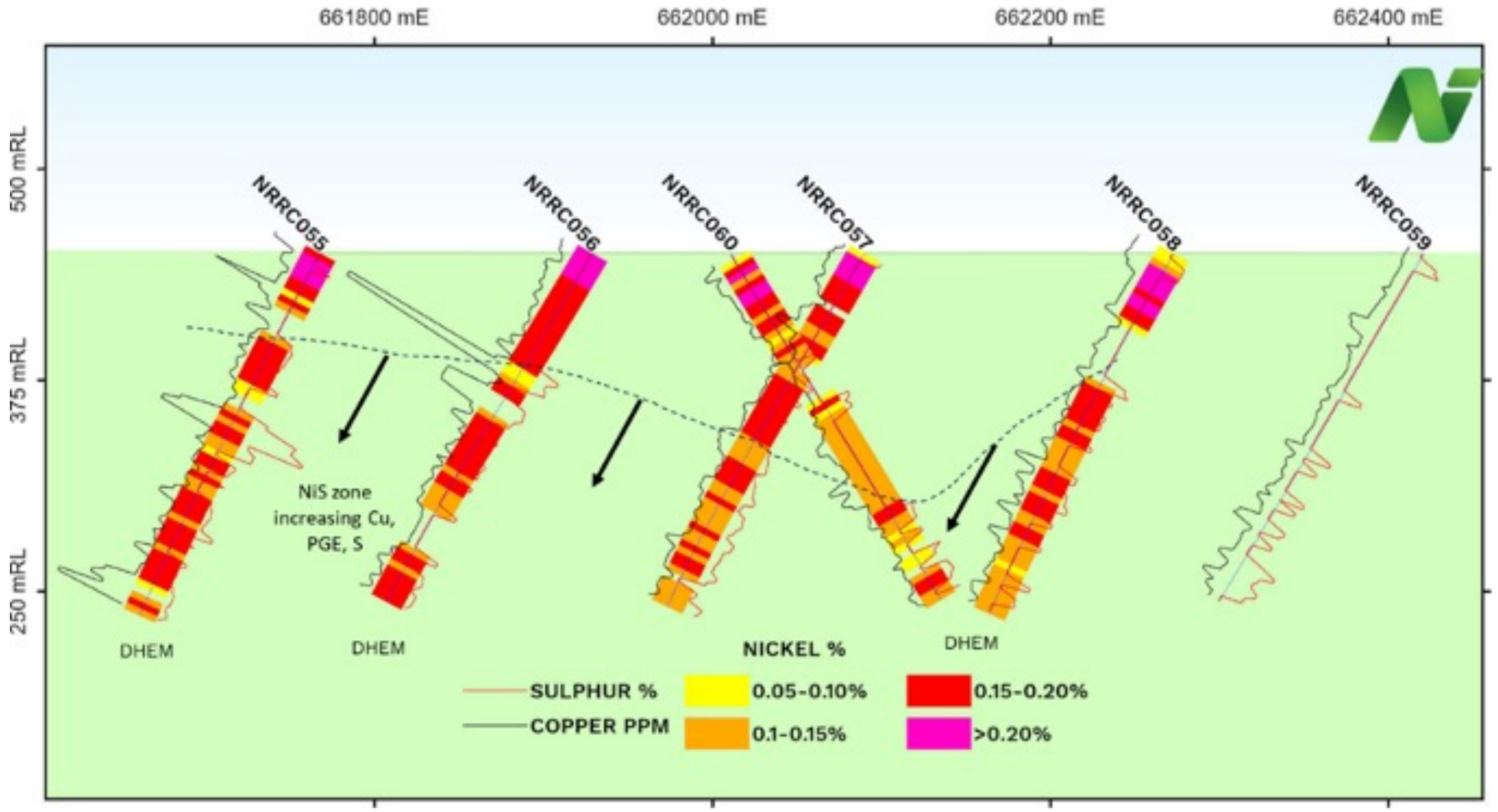
- **Dease Gossan Prospect** (4m composite samples + 1m select re-assays) returned mineralisation down to 292m (end of hole) across a 500m of EW drill line with values up to **0.75% nickel, 1738ppm copper, 877ppm cobalt and 376ppb 2PGE,** sulphur is increasing with depth within the ultramafic with follow up downhole electromagnetic survey planned:
- **NRRC055 - 24m @ 0.21% Ni, 192ppm Co, 45ppb 2PGE from 4m**
  - Including 4m @ 0.27% Ni, 343ppm Co, 79ppb 2PGE from 4m
  - Including 1m @ 0.42% Ni, 676ppm Co, 137ppb 2PGE from 5m
- **NRRC056 - 17m @ 0.30% Ni, 344ppm Co, 38ppb 2PGE from 2m**
  - Including 7m @ 0.45% Ni, 595ppm Co, 68ppb 2PGE from 2m
  - Including 2m @ 0.73% Ni, 877ppm Co, 53ppb 2PGE from 5m
  - 1m @ 0.12% Ni, 0.17% Cu, 0.30% S, 376ppb 2PGE from 85m
- **NRRC058 – 40m @ 0.22% Ni, 210ppm Co, 25ppb 2PGE from 8m**
  - Including 8m @ 0.33% Ni, 463ppm Co, 37ppb 2PGE from 12m
  - Including 4m @ 0.37% Ni, 438ppm Co, 40ppb 2PGE from 12m
  - Including 1m @ 0.48% Ni, 601ppm Co, 40ppb 2PGE from 15m
  - Including 1m @ 0.49% Ni, 677ppm Co, 28ppb 2PGE from 18m
- **Mineralisation** (nickel, copper, sulphur and PGE's) is with increasing with depth westward toward an earlier MLEM anomaly with values at 4x background (Ni x Co x Cu) indicating a vector toward higher mineralisation



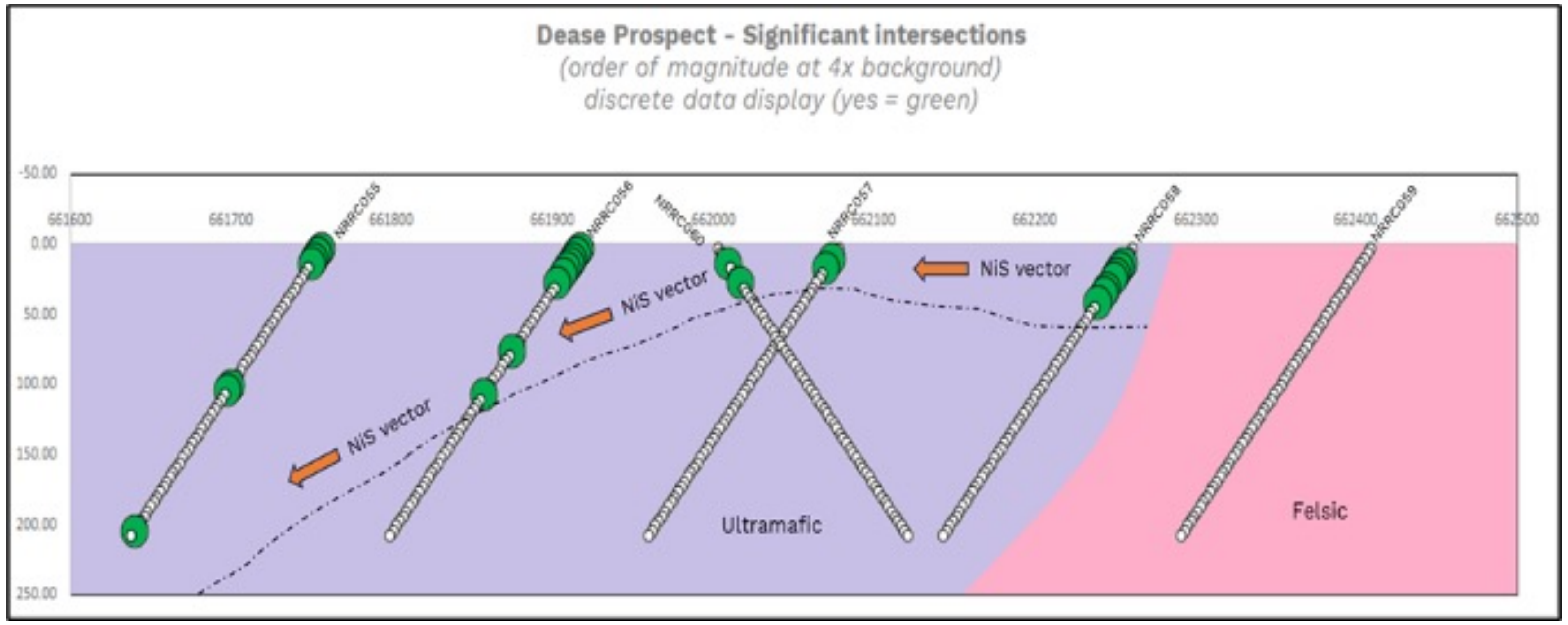
Dease Gossan Prospect drill hole position, gossan outcropping, MLEM anomalies (P1, P2, P3) and NiS (massive sulphide target zones) over (A) colour regional magnetics (B) VOXI depth slice at 250m depth.

Nickel – Southern Tenements

Nickel enriched oxide zone over thick komatiite flows



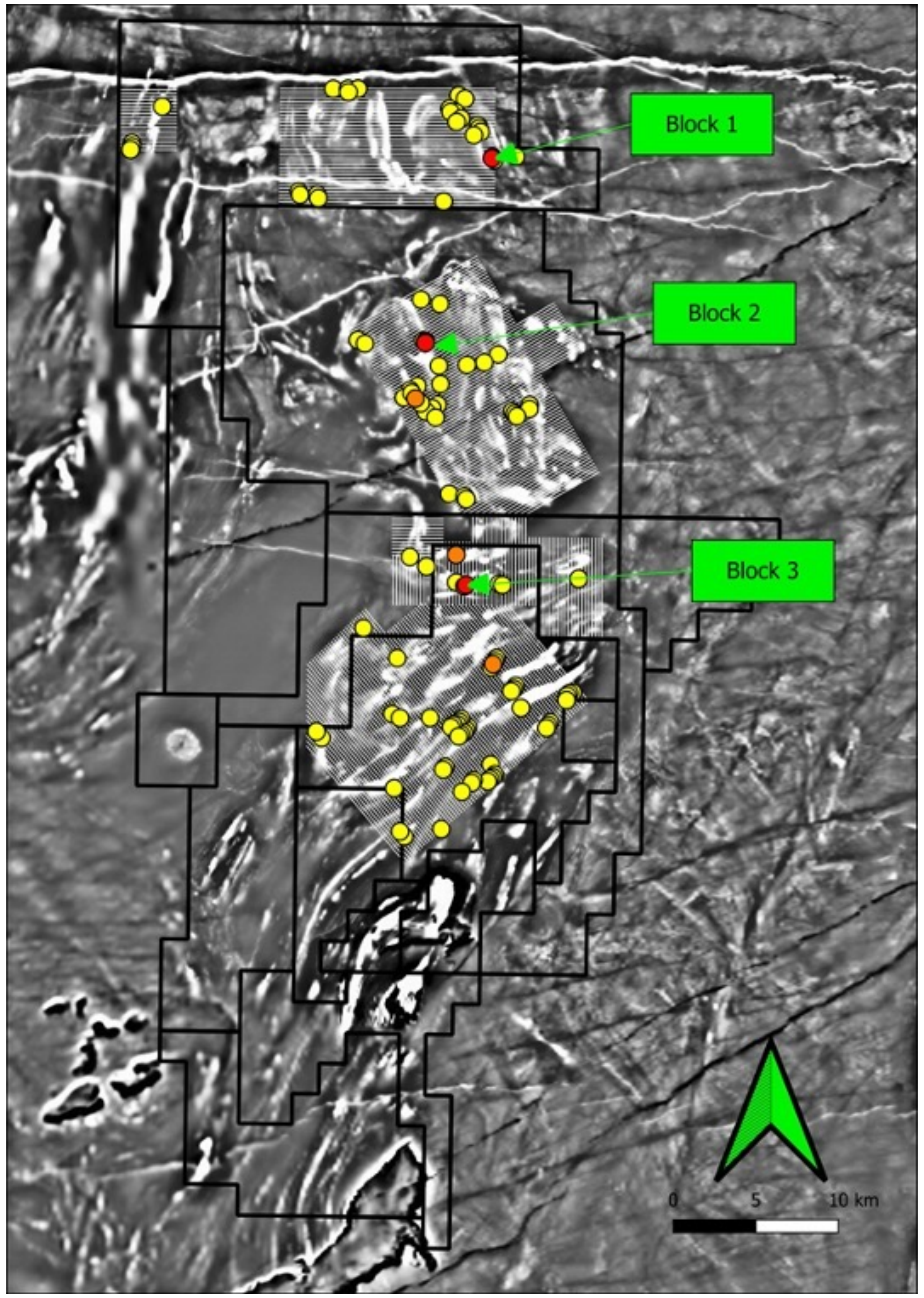
Dease Gossan Prospect (4m composite samples) – Nickel enriched top of profile with copper and sulphur increasing downhole (NRRC055, NRRC056) DHEM priority planned for NRRC055 and NRRC056 (high nickel, copper, sulphur and PGE's).



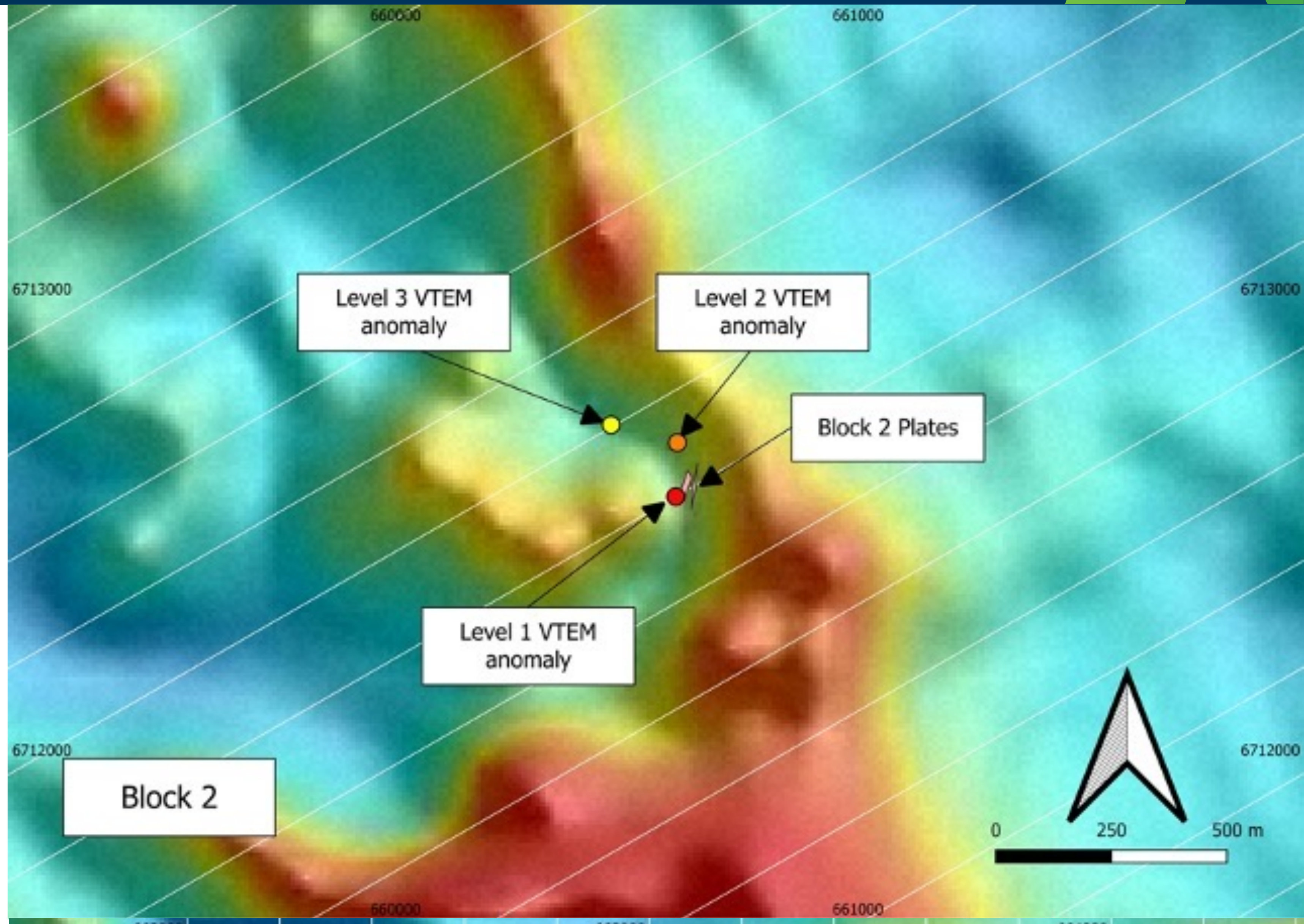
Dease Gossan Prospect (4m composite samples) – significant intersections (Co*Cu*Ni) greater than (order of magnitude) 4 x background.

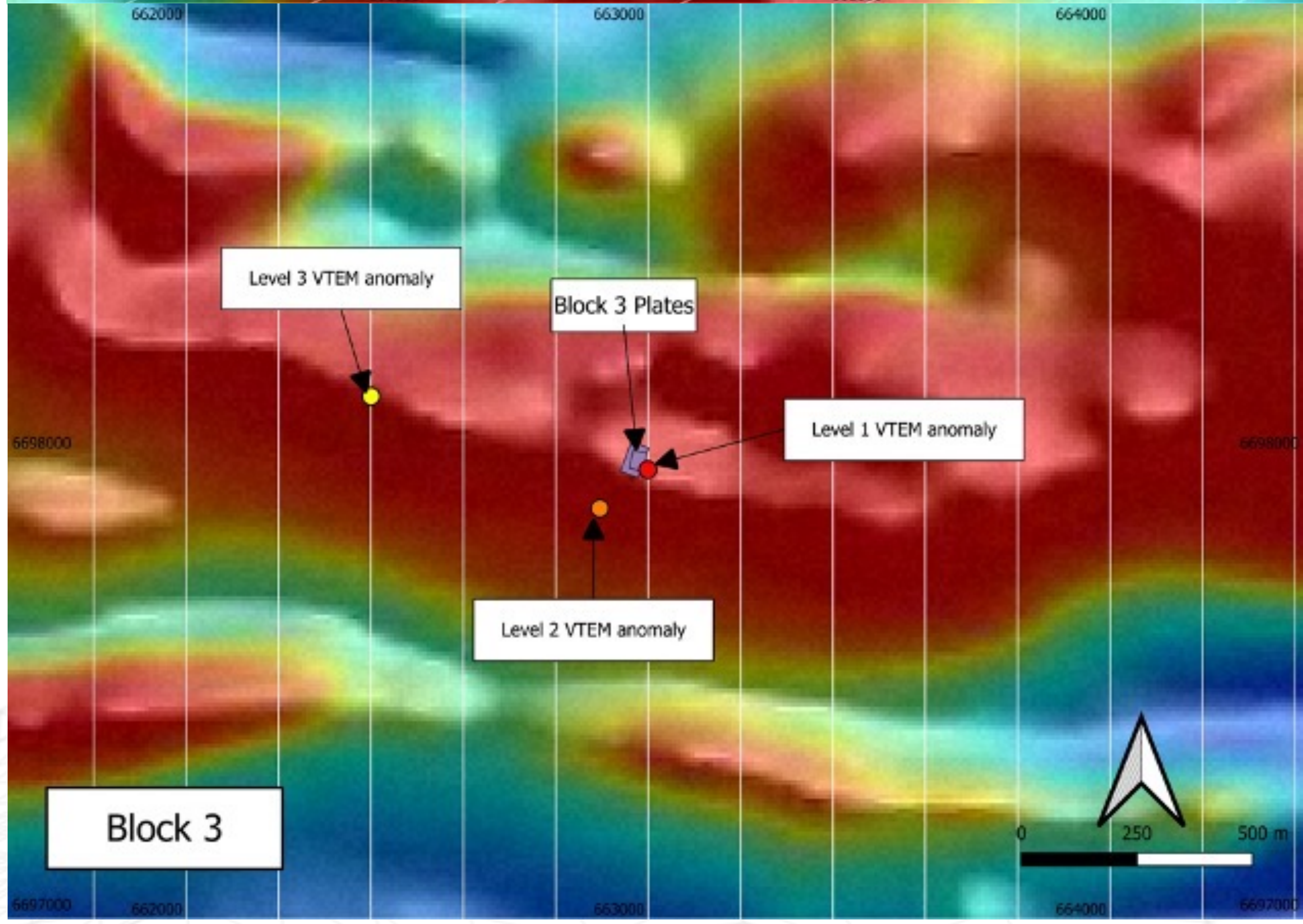
Northern Tenements - VTEM –MLEM-Drilling-DHEM-FLEM

- ***2417km (linear)*** VTEM survey completed January – April 2023
- ***35 (Priority 1,2,3)*** VTEM anomalies detected within the data
- ***3 VTEM anomalies*** were prioritized for follow up MLEM which confirmed high conductance anomalies up to 8000s, plates modelled on 3 anomalies (block 1, 2 and 3)
- ***Block 2 RC hole*** (23NRRC0100) returned a 5m massive, semi-massive sulphide zone at 102m containing anomalous nickel, copper, cobalt, platinum and palladium
- ***Block 2 diamond hole*** (23NRRD009) returned 54m of massive, semi massive and disseminated sulphides assays pending
- ***Block 3 RC*** and diamond drilling assay results are pending
- ***FLEM, DHEM surveys*** complete at both block 2 and 3 with results pending



VTEM survey (white cross hatch) over 2417 line kms containing priority 1 (red), priority 2 (orange) and priority 3 (yellow) anomalies. Block 1 and 2 have had follow MLEM, RC and DD drilling, DHEM and FLEM completed. Block 1 scheduled for early in the new year.





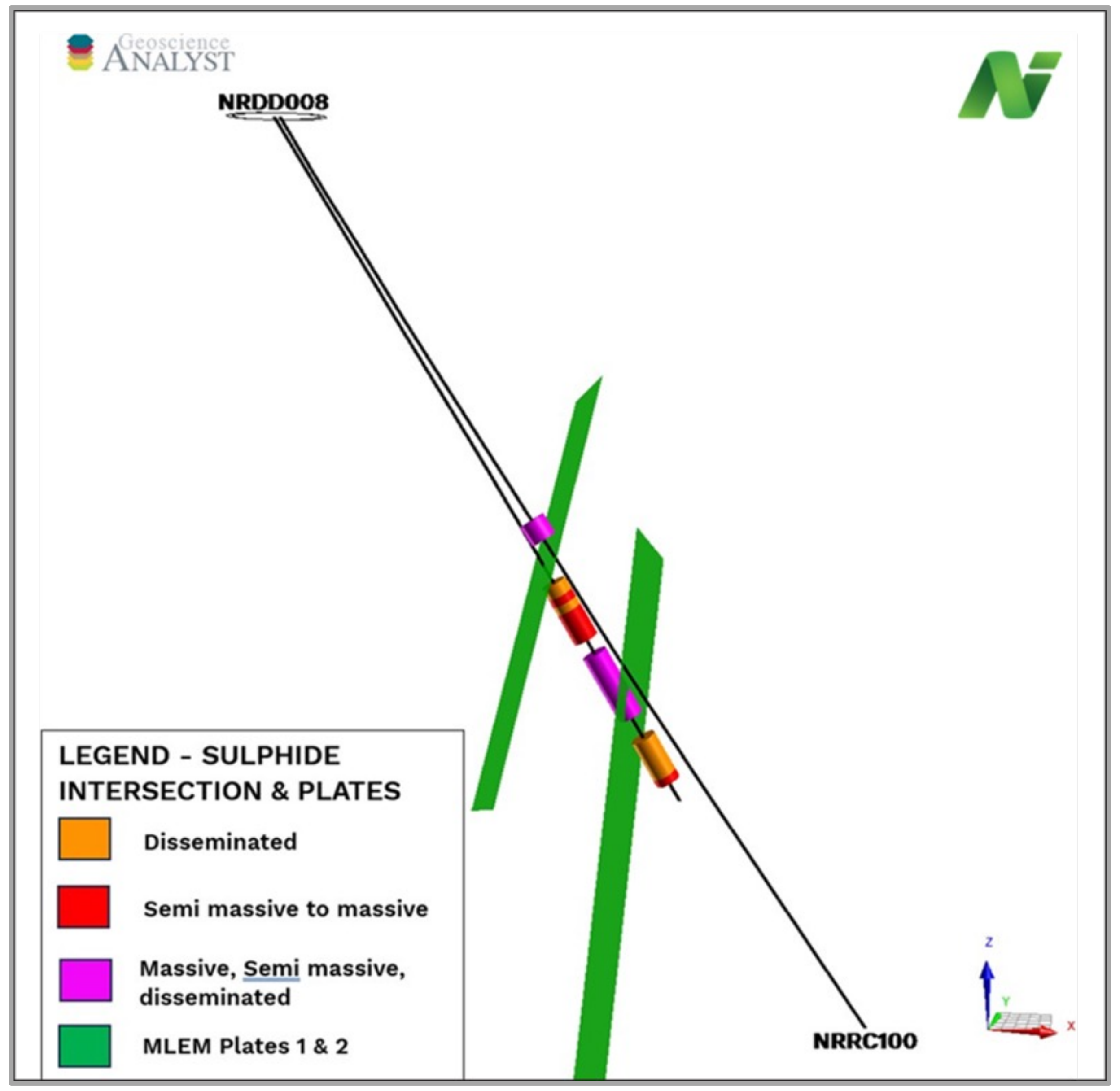
Nickel – Northern Tenements – Block 2, Block 3

Block 2 - Nickel and Copper Massive Sulphide Discovery

- **1st hole (NRRC0100)** targeting MLEM plates intersected the first plate containing 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**
- Calculated Ni equivalent is **5m @ 1.16% Ni, with a peak value of 1m @ 1.47% Ni equivalent**
- **Sulphide mineralisation** hosted by mafic rocks – no ultramafic downhole entirely different to komatiite hosted nickel in the southern tenements
- **Diamond drill** deployed to block 2 to directionally drill through both plates intersected a 54m massive, semi massive and disseminated sulphide zone (NRDD008)
- **Core delivered to Intertek Perth** for photography, scanning (Minalyse), cutting and assay
- **FLEM, DHEM surveys** complete awaiting interpretation

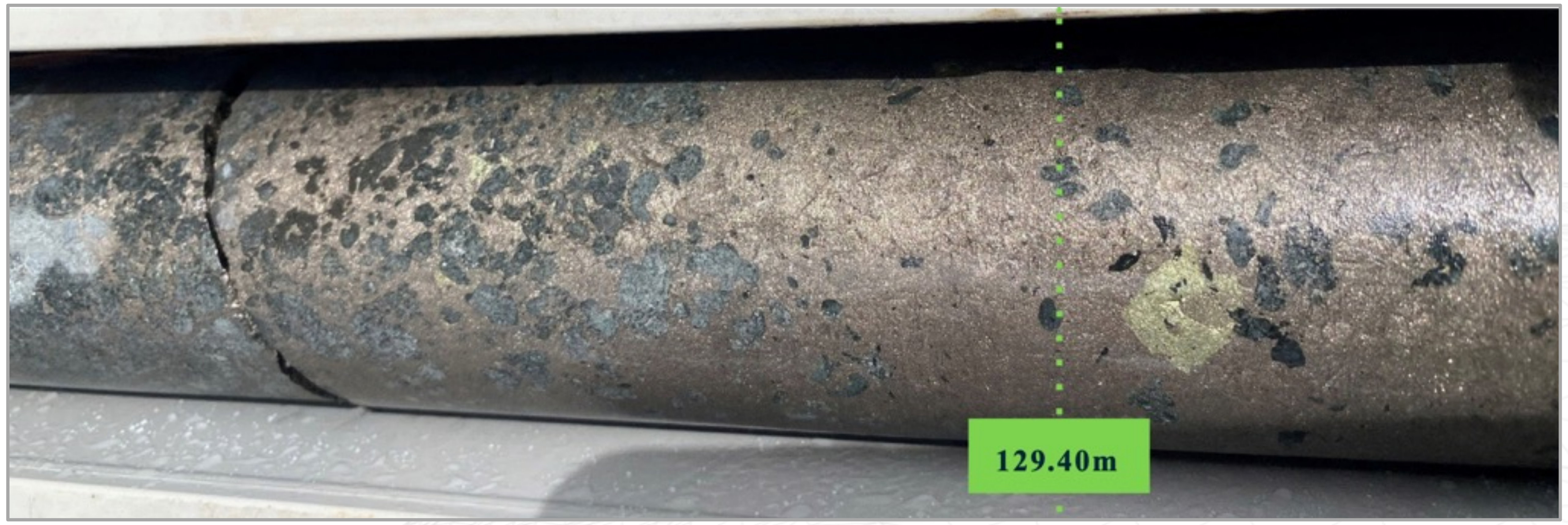
Block 3 Results Pending

- **Reverse circulation** drilling complete at Block 3
- **Diamond drill** deployed to block 3 to directionally drill through both plates
- **Core delivered** to Intertek Perth for photography, scanning (Minalyse), cutting and assay
- **FLEM, DHEM surveys** complete awaiting interpretation



Drill cross-section of RC hole NRRC0100 and Diamond hole NRDD008 showing intersection of sulphide zones relative to conductive plates (green).

RC drill hole NRRC0100 drill piles dark material is massive sulphide mineralisation (Ni,Cu,Co,PGE) 5m from 102m.

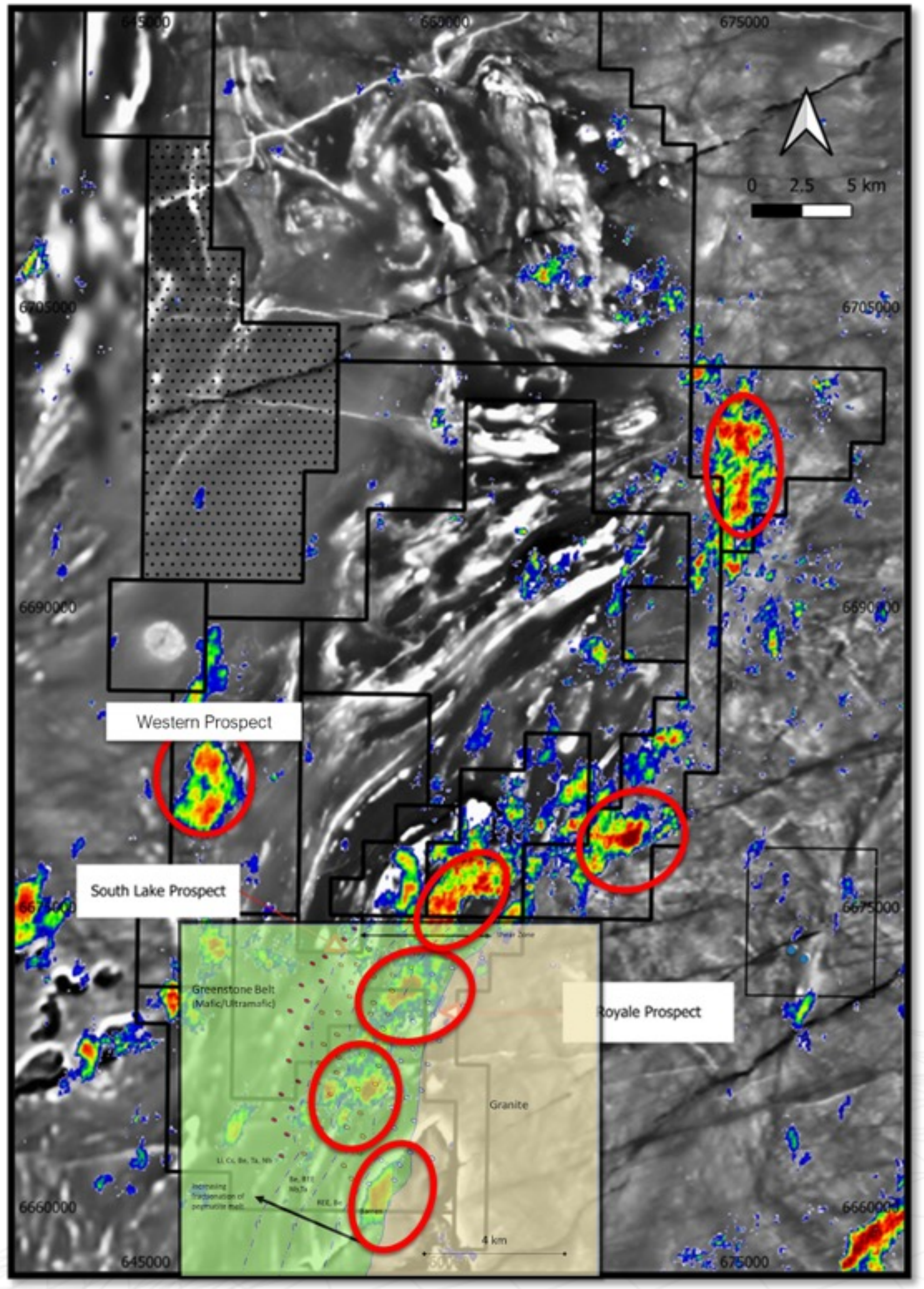


Diamond drill hole NRDD008 core containing massive sulphide mineralisation at 129.40m (within a 54m zone from 118m).

Lithium - Ongoing Target Generation

Work continuing to zero in on Targets

- **RC drilling has intersected pegmatites** below significant lithium soil anomalies (up to 232ppm Li_2O) at the South Lake and Royale prospects
- **Priority 1 Royale Prospect** (drilled over a highly anomalous lithium in soil response) has recorded anomalous Be, Nb, Li_2O, Cs, Ta, Sn and Rb at levels indicating we are in a fertile pegmatite (zone 3 of the goldilocks zone)
- **K/Rb ratio** indicates we are in fractionated (fertile) pegmatite with some values (<20) indicating an LCT pegmatite, coupled with Cs >20ppm and Rb > 500ppm
- **Hyperspectral survey** shows we are in a moderately anomalous pegmatite- however, a strongly anomalous zone is located 1.3kms from the drill line
- **Hyperspectral survey at the Western Prospect** shows we are in a strongly anomalous zone soil sampling has confirmed lithium anomaly
- **Additional 5 hyperspectral anomalies** undergoing evaluation (soil sampling commenced)

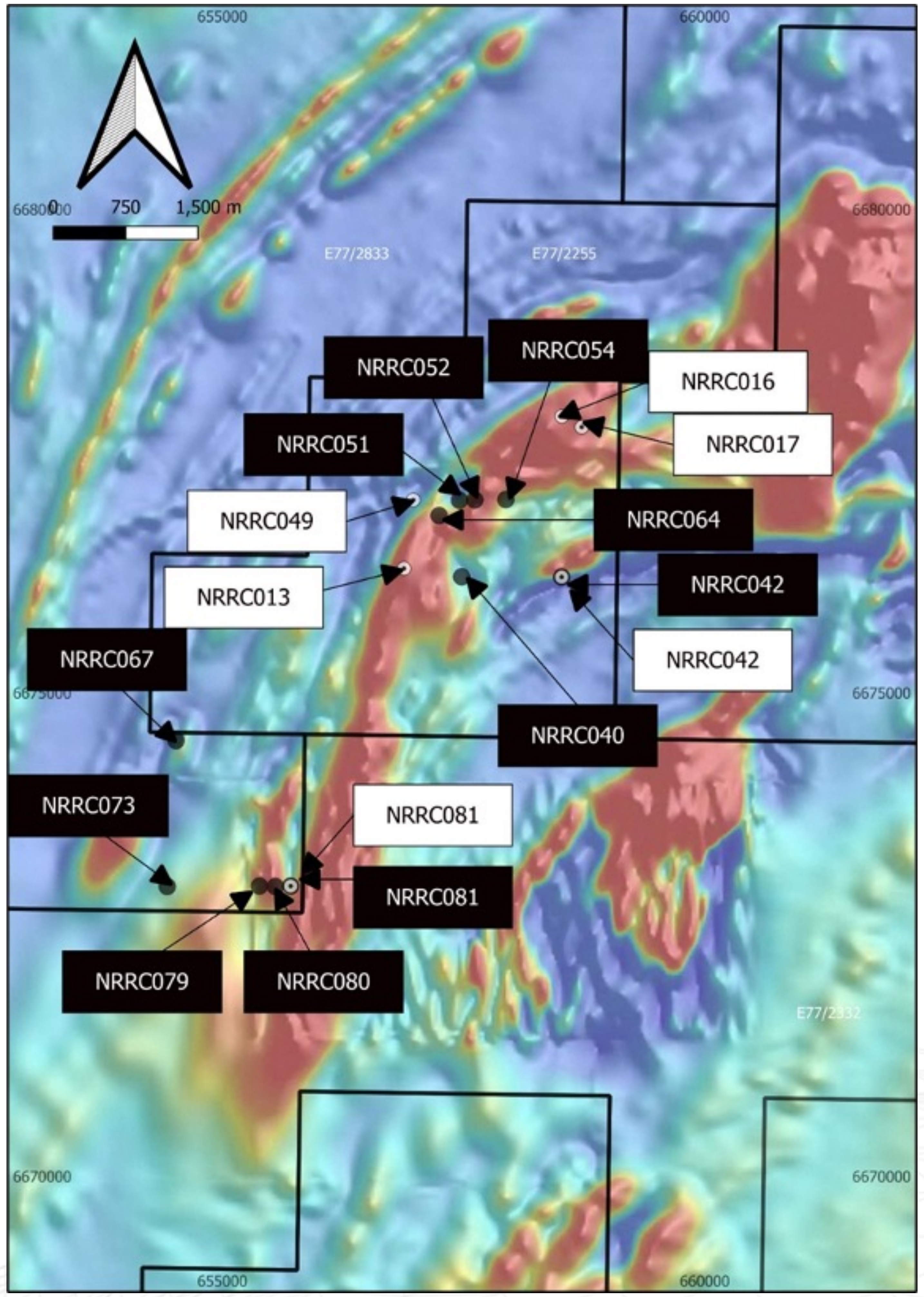


Hyperspectral survey mapping pegmatites and highly prospective LCT pegmatites (warmer colour = better targets, circled red are LCT targets,) over greyscale magnetic survey.

REE & Base Metals – Ongoing Target Generation

Rare earths and base metals identified in stand-alone 4.5km corridor

- **RARE EARTH ELEMENTS**
- **Eleven drill holes** encountered elevated TREO+Y (total rare earth oxide (2) - cerium oxide CeO_2, lanthanum oxide La_2O_3 + yttrium oxide Y_2O_3) at +250ppm to highly anomalous rare earth element intersections with a peak value TREO+Y at 2353ppm
- **COPPER LEAD ZINC SILVER**
- Three drill holes encountered anomalous copper, lead, zinc, +/- silver sulphide zones ranging from 20 to 24 metres along a 4.5km strike zone coincident with previously reported copper gold anomalies (Indian Sandrunner to South Lake corridor and out to East King Hill) highlights include:
- **NRRC042 20m sulphide zone with peak values of:**
  - 1m @ 435ppm Cu, 104ppm Pb, 0.48% Zn from 192m
  - 2m @ 25ppm Cu, 0.54% Pb, 952ppm Zn from 201m
- **NRRC081 24m sulphide zone with peak values of:**
  - 1m @ 461ppm Cu, 42ppm Pb, 0.11% Zn, 1ppm Ag from 98m
  - 1m @ 550ppm Cu, 37ppm Pb, 0.37% Zn, 1ppm Ag from 99m
  - 1m @ 662ppm Cu, 42ppm Pb, 0.23% Zn, 2ppm Ag from 100m
  - 1m @ 617ppm Cu, 908ppm Pb, 0.37% Zn, 8ppm Ag from 116m
  - 1m @ 847ppm Cu, 395ppm Pb, 0.16% Zn, 3ppm Ag from 117m

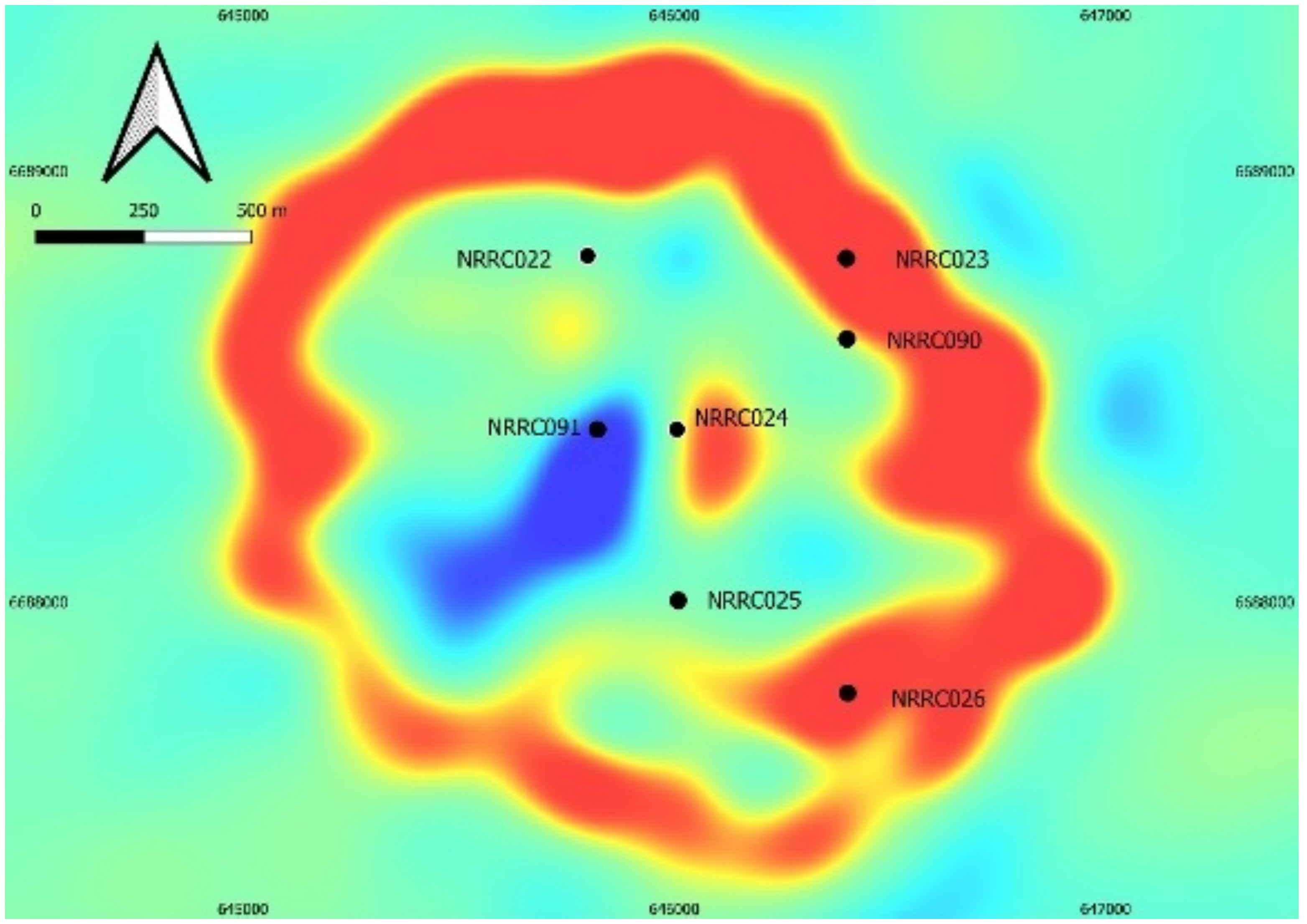


Drill hole collar positions indicating REE anomalies (black background) and Cu, Pb, Zn, +/- Au Ag anomalies (white background) over colour magnetic image.

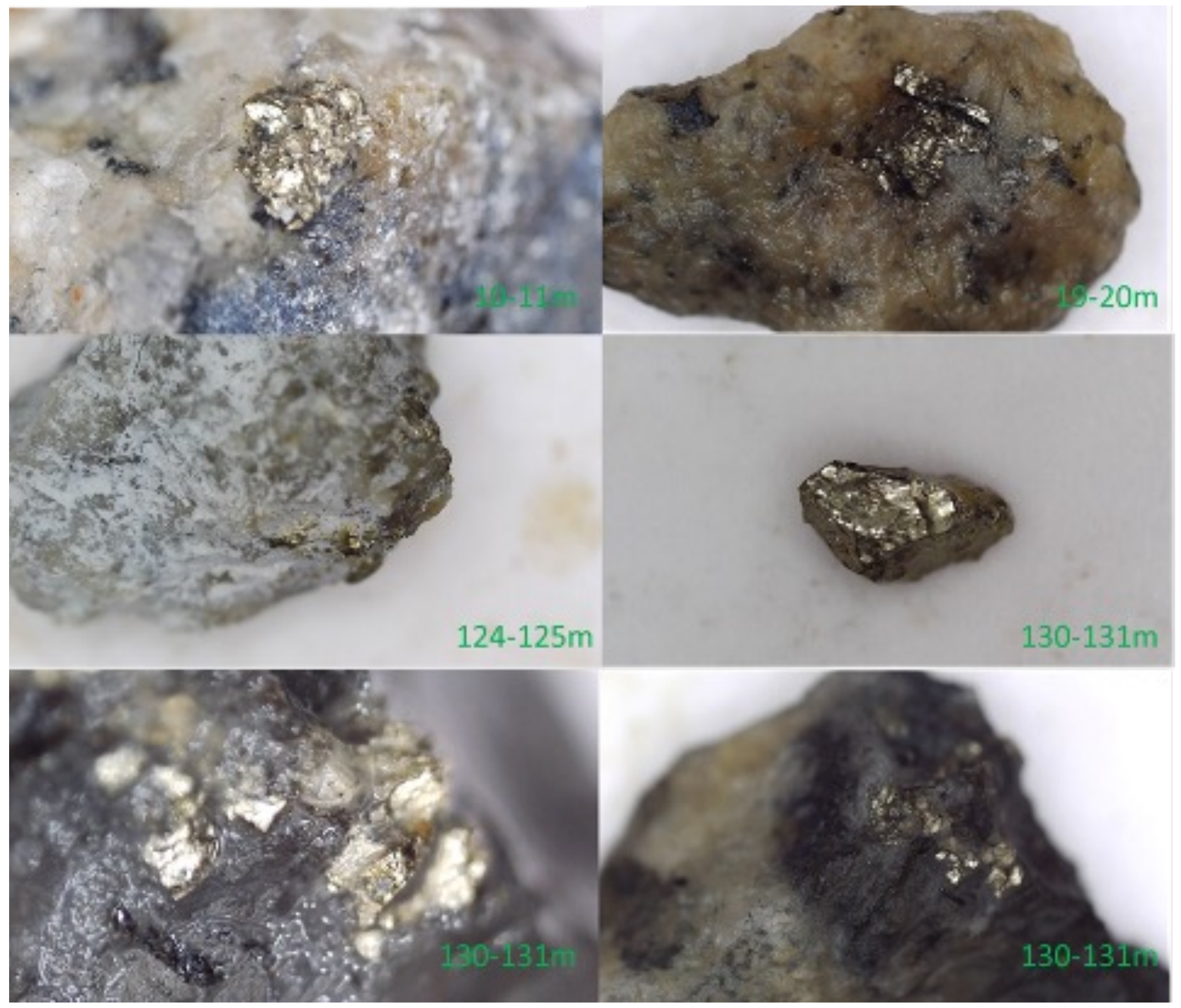
RC Results REE - Carbonatite Prospect

- **Seven holes drilled** of which 6 holes intersected dominate micro diorite
- **The seventh hole drilled** into the core of the intrusive has returned anomalous Bismuth, Molybdenum sulphides
- **Bi-Mo these elements** are strongly associated with carbonate rocks which is being assessed in context of the carbonatite proposition
- **EIS diamond hole** to be drilled (up to 1000m) off the seventh hole pad

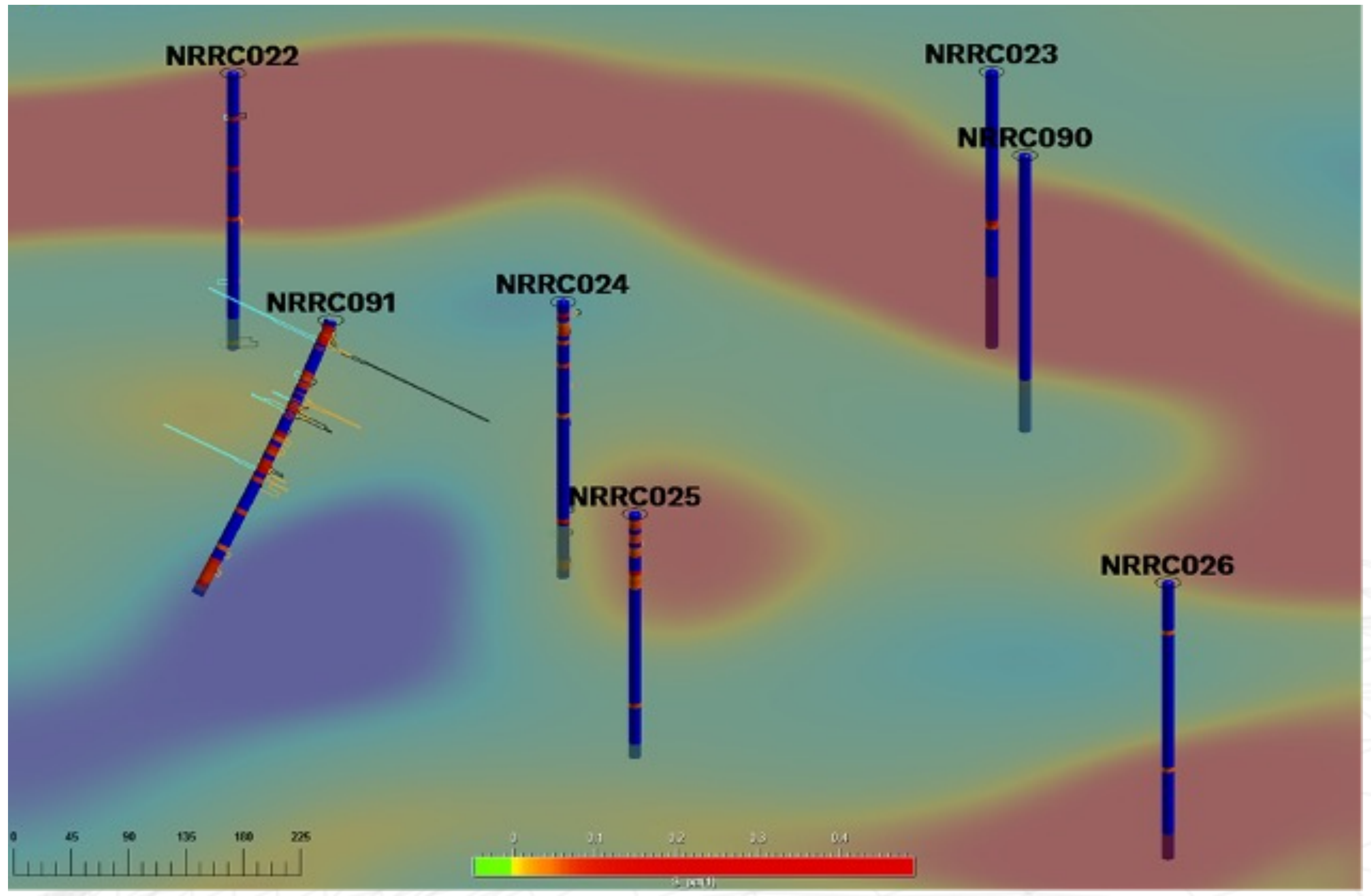
Carbonatite Prospect						INTERSECTION						
Bi, Mo, S, Ag anomalies					EOH	From	To	Width	Ag	Bi	Mo	S
HOLE ID	EAST	NORTH	Dip	Azi	(m)	(m)	(m)	(m)	ppm	ppm	ppm	ppm
NRRC091	645823	6688402	60	225	240	16	20	4	3	149	30	2100
					including	18	19	1	6	347	51	4700
					including	19	20	1	2	143	33	2400
						64	68	4	0	2	47	0
					including	66	67	1	0	4	109	0
					including	67	68	1	0	2	51	0
						70	71	1	0	68	8	4700
						76	80	4	2	96	18	800
					including	77	78	1	1	66	28	1700
					including	78	79	1	1	78	23	0
					including	79	80	1	2	118	12	600
						128	132	4	0	171	27	2200
					including	130	131	1	1	299	41	3400
					including	131	132	1	0	79	19	4000
						135	136	1	0	2	50	0
						140	144	4	0	11	40	0



VOXI Depth slice at 250m hole NRRC091 drilled to 240m into the core Bi, Mo sulphides throughout the hole.



NRRC091 drilled to 240m into the core Bi, Mo sulphides throughout the hole.



Downhole geochemistry sulphur (colour coded hole), bismuth (black), silver (light blue), molybdenum (yellow) over VOXI magnetic image 250m slice.

Corporate & Capital Structure

$0.21
Share Price (as at 14 November 2023)

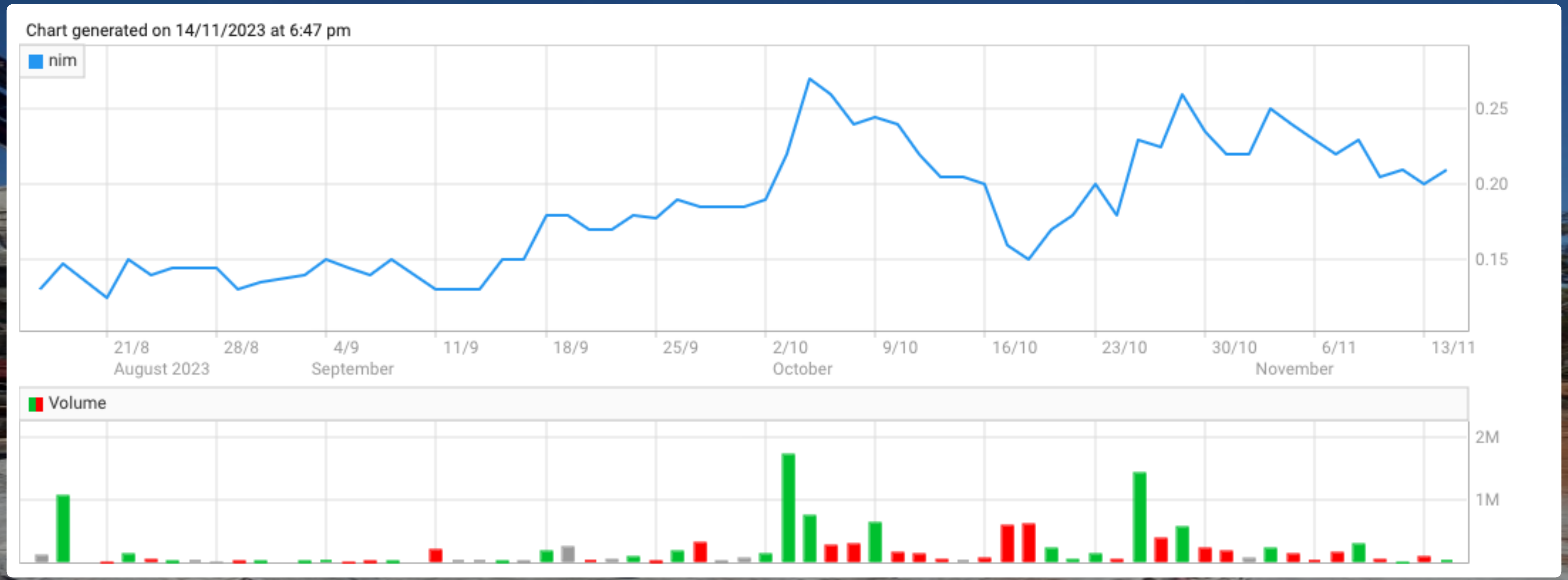
A$28.69M
Market Cap (as at November 2023)

136.6M
Shares on Issue

28.00M
Options on Issue

$1.52M
Cash at Bank (as at 30 September 2023)

62.24%
Top 20 Shareholders



CHAIRMAN – SIMON LILL

Simon has over 30 years experience in stockbroking, capital raising, Corporate management for a range of small to medium and start-up companies, both in the manufacturing and resources industries, and has specialised in that time in company restructuring activities. Simon is the Chairman of De Grey Mining

EXECUTIVE DIRECTOR – LUKE HAMPSON

Luke has over 30 years in the mining industry and has led management teams working throughout the Asia Pacific region. Luke specialises in project asset management having 19 years experience at WesTrac Pty Ltd, 3 years at Rio Tinto Iron Ore and 11 years Managing Director of Cloonmore Mining and Energy.

HEAD OF EXPLORATION – FERGUS JOCKEL

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.

EXECUTIVE DIRECTOR – CHRISTIAN PRICE

Christian is a Mining Engineer and Mineral Economist with over 19 years of experience, in operation, technical and senior leadership roles in operating, development and exploration Australia most recently COO & CEO of ASX:REZ explorer and developer of projects in Western Australia and Queensland.

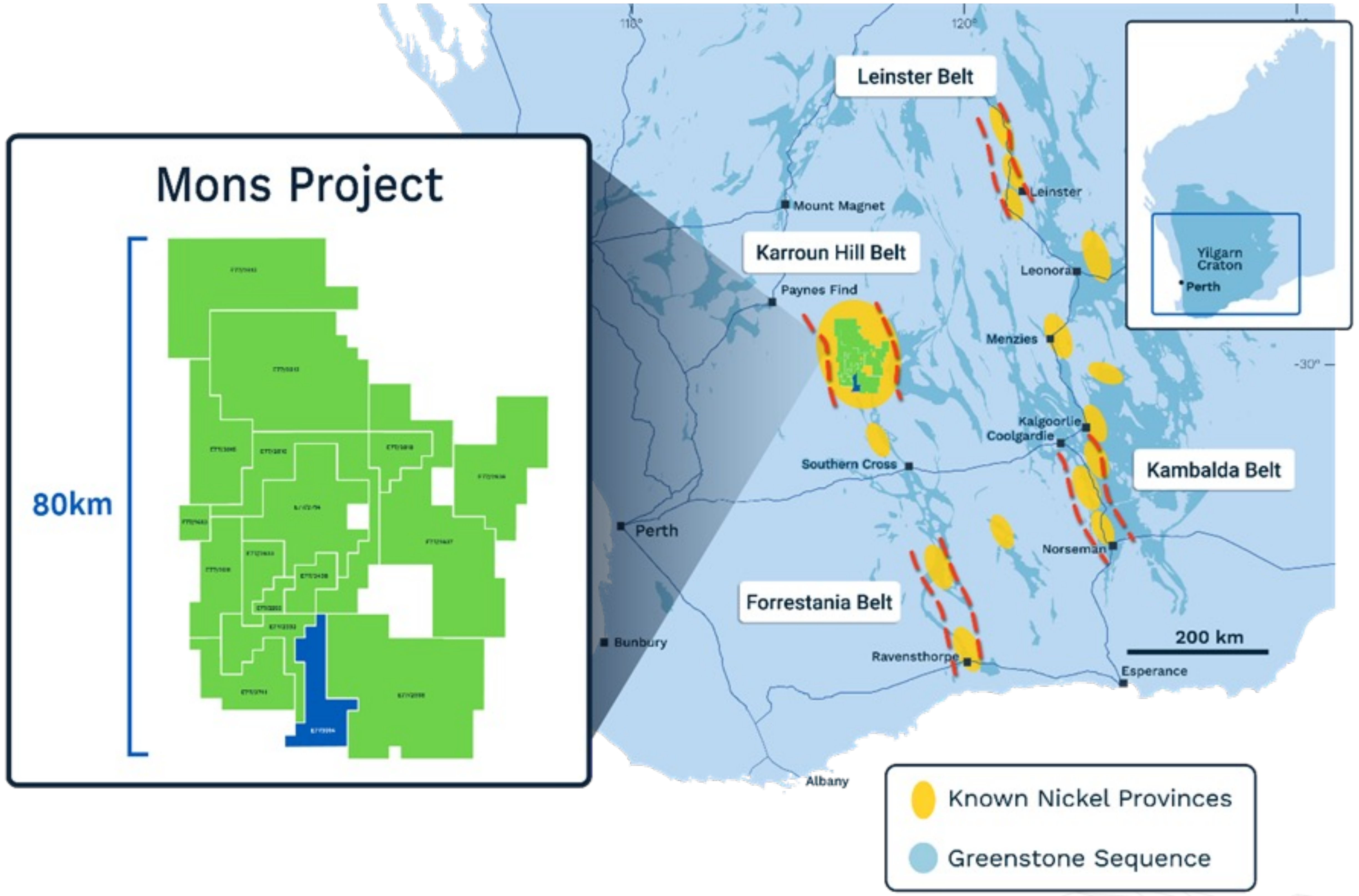
COMPANY SECRETARY – HENKO VOS

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 Summary - Scale and Potential to Develop

Large land holding extended to over 3000km2, covering newly discovered Ni-Cu province within the Yilgarn Craton

- **Northern extension** of the Forrestania Belt
- **370km** to the north-east of Perth, Western Australia
- **Ever growing pipeline** of targets garnered from varying geological methodologies
- **Exploration Success to date** with large low-grade Nickel zones in the Southern tenements and high-grade massive sulphide discovery in the northern tenements
- **Lithium, REE and Base metal** potential all being assessed for further works



Thank you

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