



ASX:RDM

Five Potential Winners in 2025

Booth 9

**RIU Explorers Conference
Fremantle February 2025**

Sybella Discovery

Corporate Snapshot



ASX Code

RDM

Shares on Issue

359,658,006

Share Price 17 February 2025

12 cents

Market Cap

\$40M

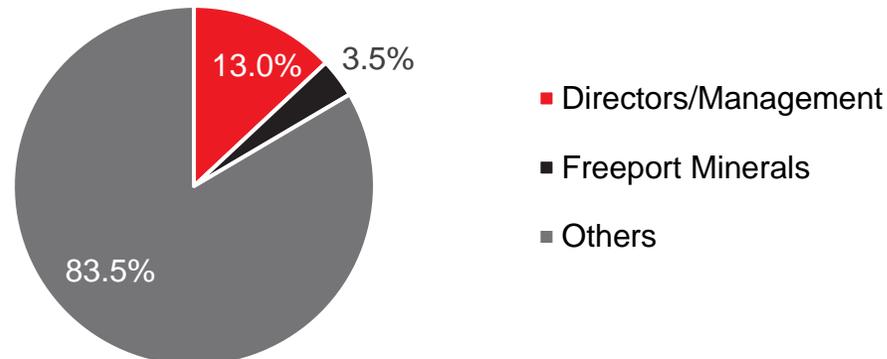
Cash (Current)

\$5.1M

Board Of Directors & Senior Management

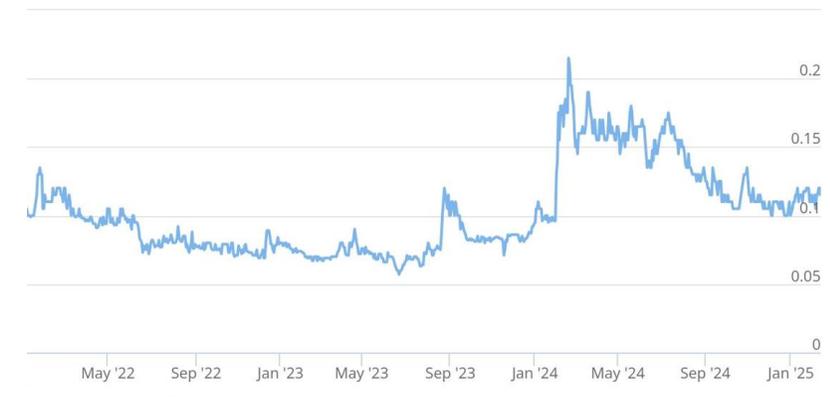
Rob Rutherford	Managing Director
Russell Barwick	Chairman (non exec)
Joshua Pitt	Director (non exec)
Kim Grey	Exploration Manager
Patrick Flint	Company Secretary

Substantial Shareholders



Share Price :

14/02/2022 – 14/02/2025



Potential Winners in 2025

Near-Term News Flow



Project		Q1 25	Q2 25	Q3 25	Comments
Sybella	New REO Discovery	Infill drilling assays pH optimisation test	Met coring Column leach tests	Additional infill drilling	Mount Isa QLD
Pardoo	Gold	IP survey	Drilling		Hemi types
Great Sandy	Gold-Copper	Heritage	Drilling	Drilling	Winu/Havieron types
Gulf	Copper-Gold			Drilling	Giant IOCG types

Asset	44% Equity	Q1	Q2	Q3	Comments
Maronan ASX: MMA	Advanced Silver-Lead Copper-Gold	Met work and assays from infill drilling on Starter Zone pending	Resource Review on Starter Zone	Advanced Mining Study	Cannington analogue Strong silver play

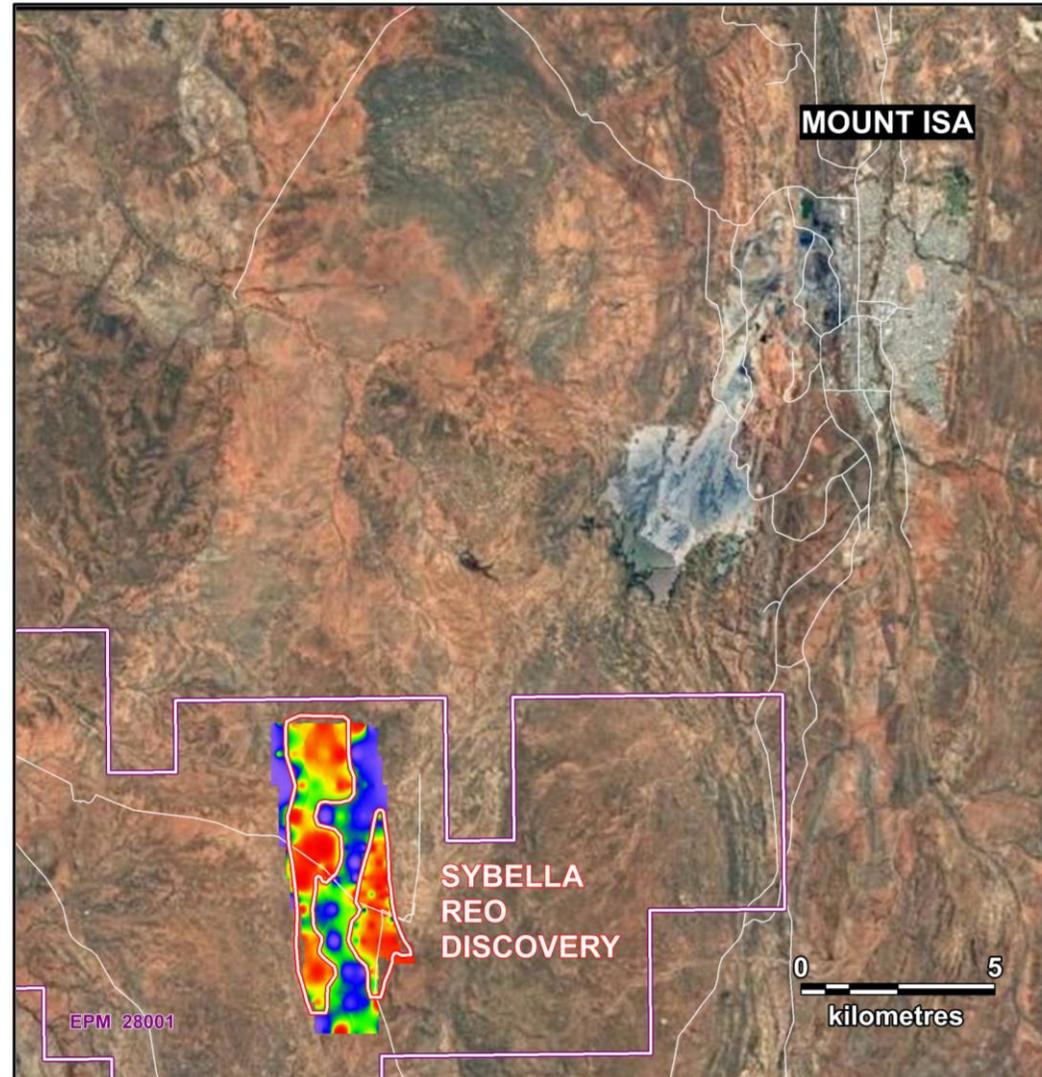
Sybella Discovery

A 'World First' in Northwest Queensland



New Granite-Hosted REO Deposit

- 12.4km long 3km wide intrusion
- Just 20km SW of Mt Isa
- Excellent infrastructure



Sybella Discovery

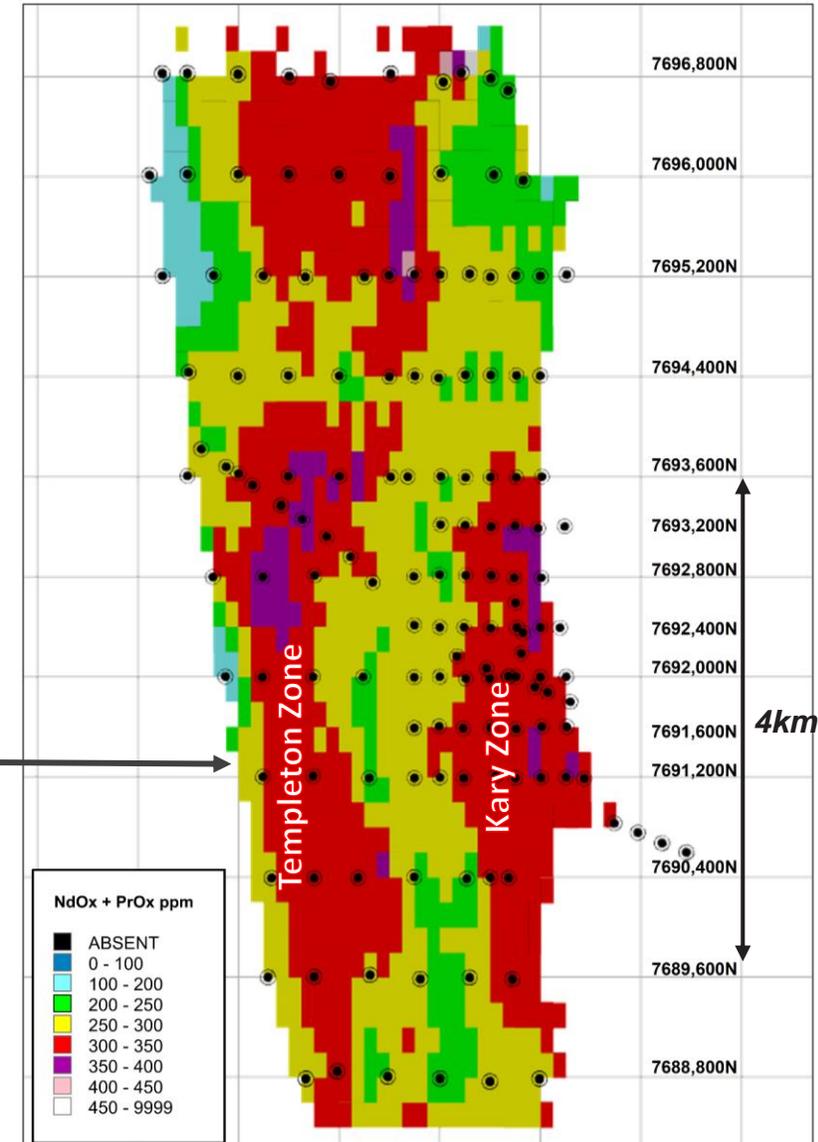
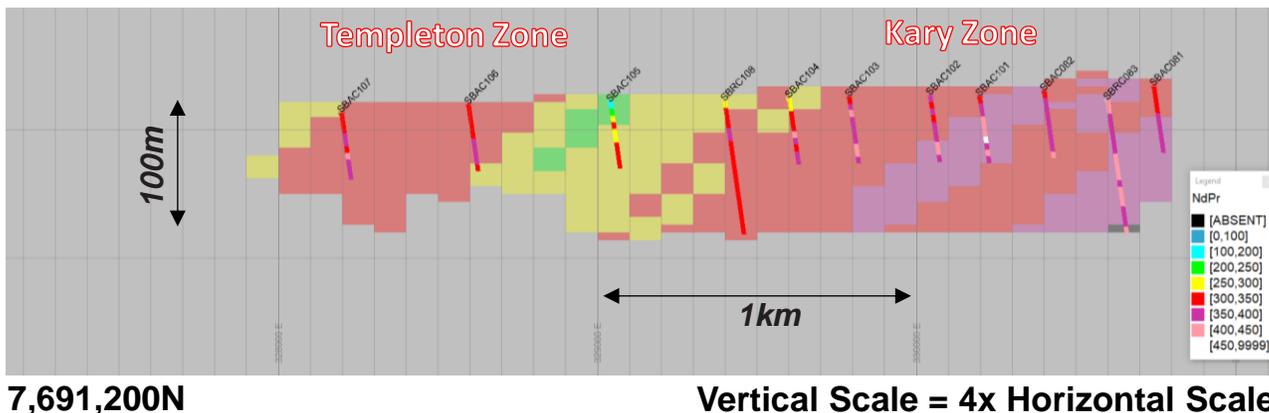
Inferred Mineral Resource Estimate

Confirms Giant Status

- **4.795 Bt** at 302 ppm NdPr, 28 ppm DyTb*
(200 ppm NdPr cut-off grade)

Includes Weathered Granite

- **788 Mt** at 297 ppm NdPr, 28 ppm DyTb*
(200 ppm NdPr cut-off grade)



* RDM: ASX Release dated 21 October 2024

Soluble REO Ore Minerals

Low-Acid Consuming Host Rock



Weathered Granite
Base Lower Saprolite

Metallurgical
Boundary

Transitional - Part Weathered
& Part Fresh Granite

Fresh Granite

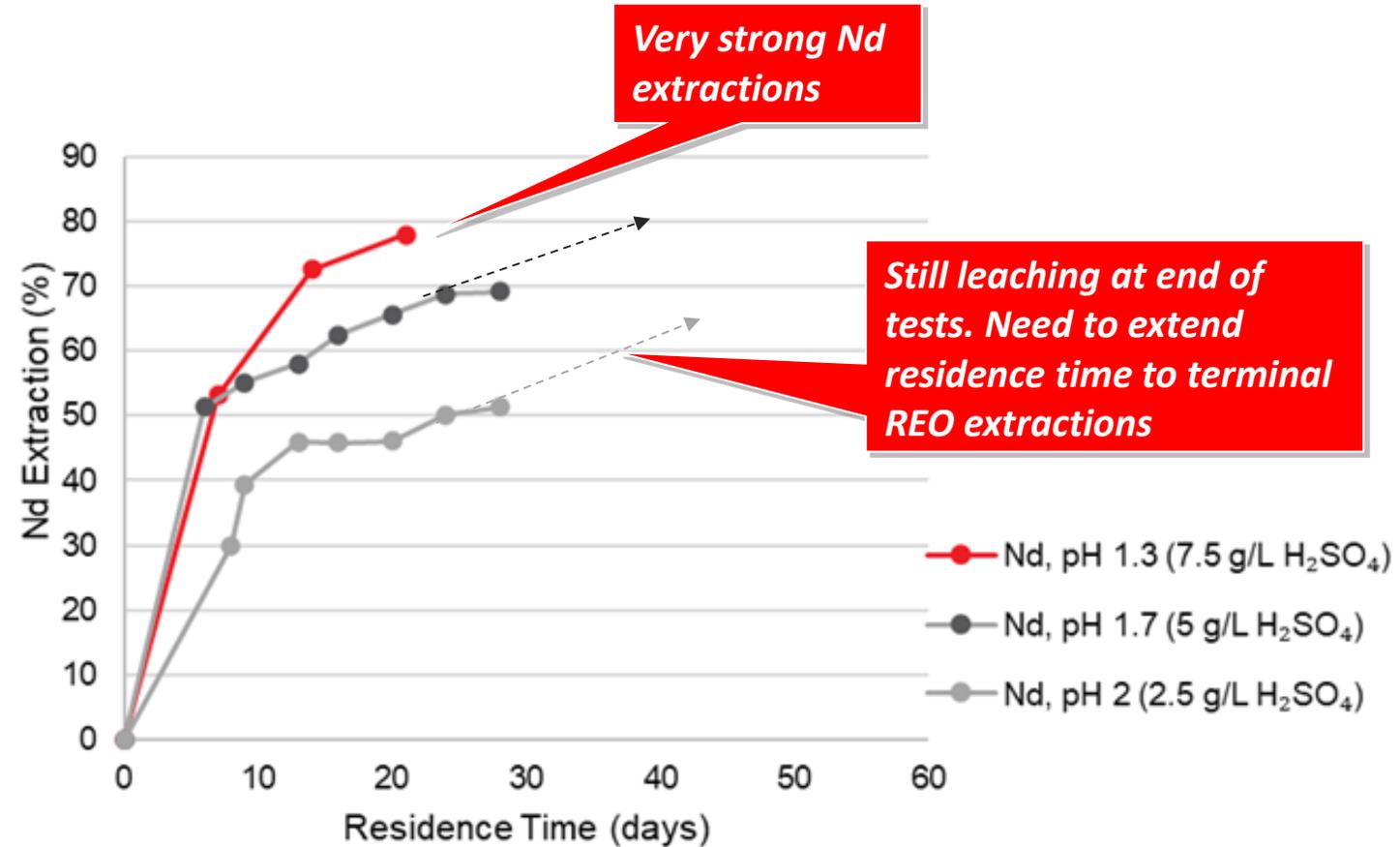
Sybella Discovery

First Leach Tests - Weathered Granite



Weathered Granite

- >70% REO extraction
- Using ambient temperature
- Sulphuric acid pH 1.5-2.5



**Bottle Roll
pH Optimisation
in Progress**

Sybella Discovery

Accelerated Exploration Programs



Bottle Roll Test Work on Weathered Granite

- pH optimisation Kary Zone (Results Q1 2025)
- pH optimisation Templeton Zone (Initiate Q1 2025)

Column Test Work on Weathered Granite

- Drill PQ diamond cores holes (Initiate Q1 2025)
- Composite Column Leach Tests (Results Q2 2025)



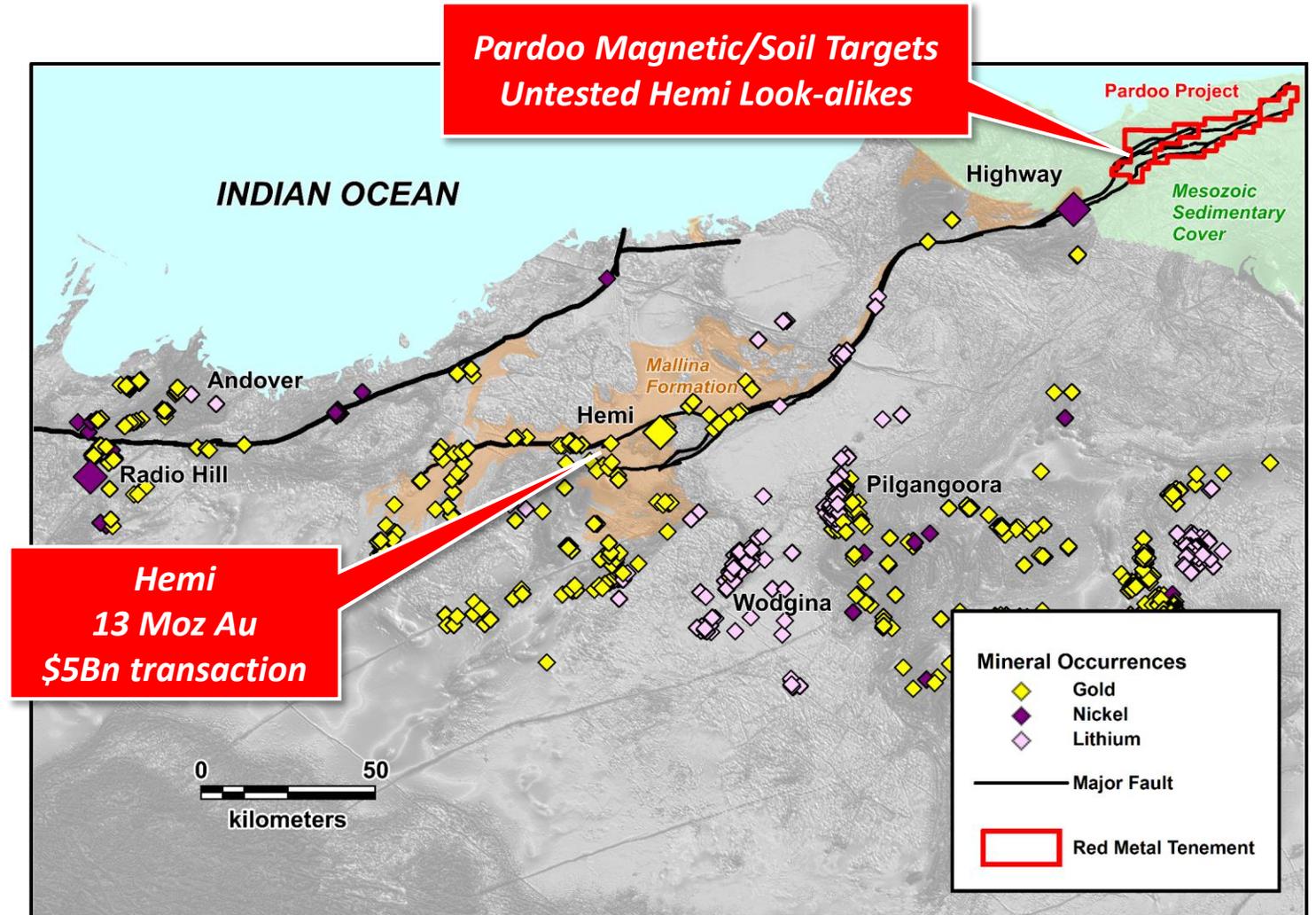
Pardoo

Hemi-style Gold Potential



Extension of Hemi Terrain

- Untested Hemi look-alikes
- Same structural corridor
- Under 50-150m of cover

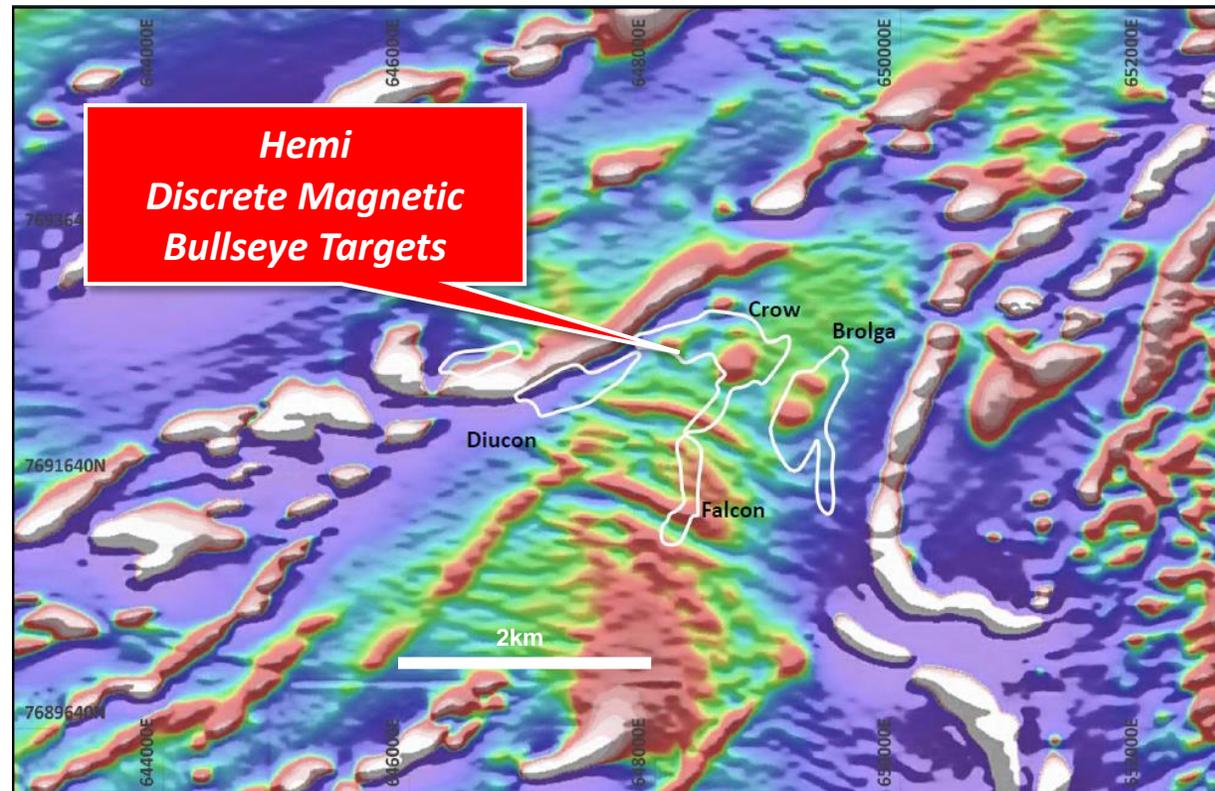


Pardoo

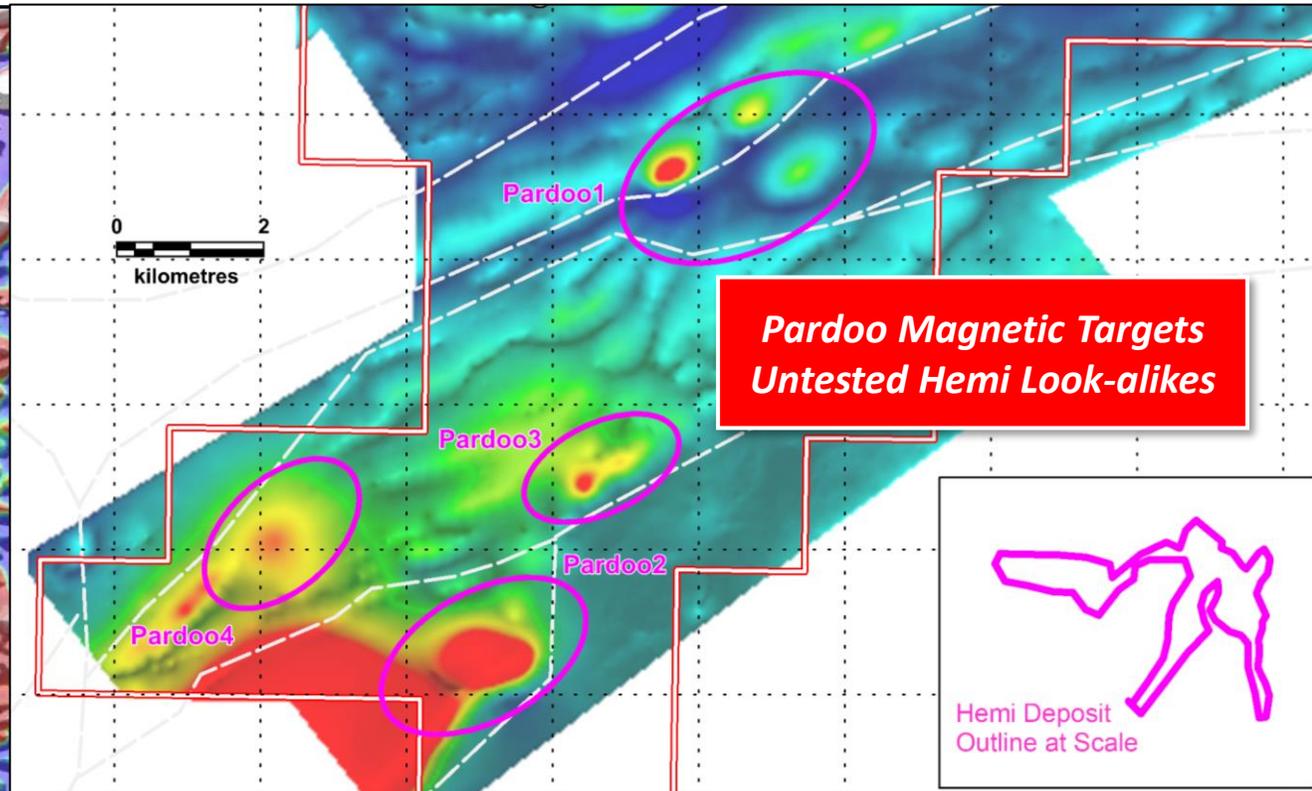
Bullseye Magnetic Targets

Hemi - 13 Moz Au

Pardoo Untested



Hemi - Vertical Derivative Magnetic Imagery (from DeGrey Nov 2021)



Pardoo - TMI Magnetic Imagery on Geology showing Bullseye Magnetic Targets

Pardoo

Anomalous Soils

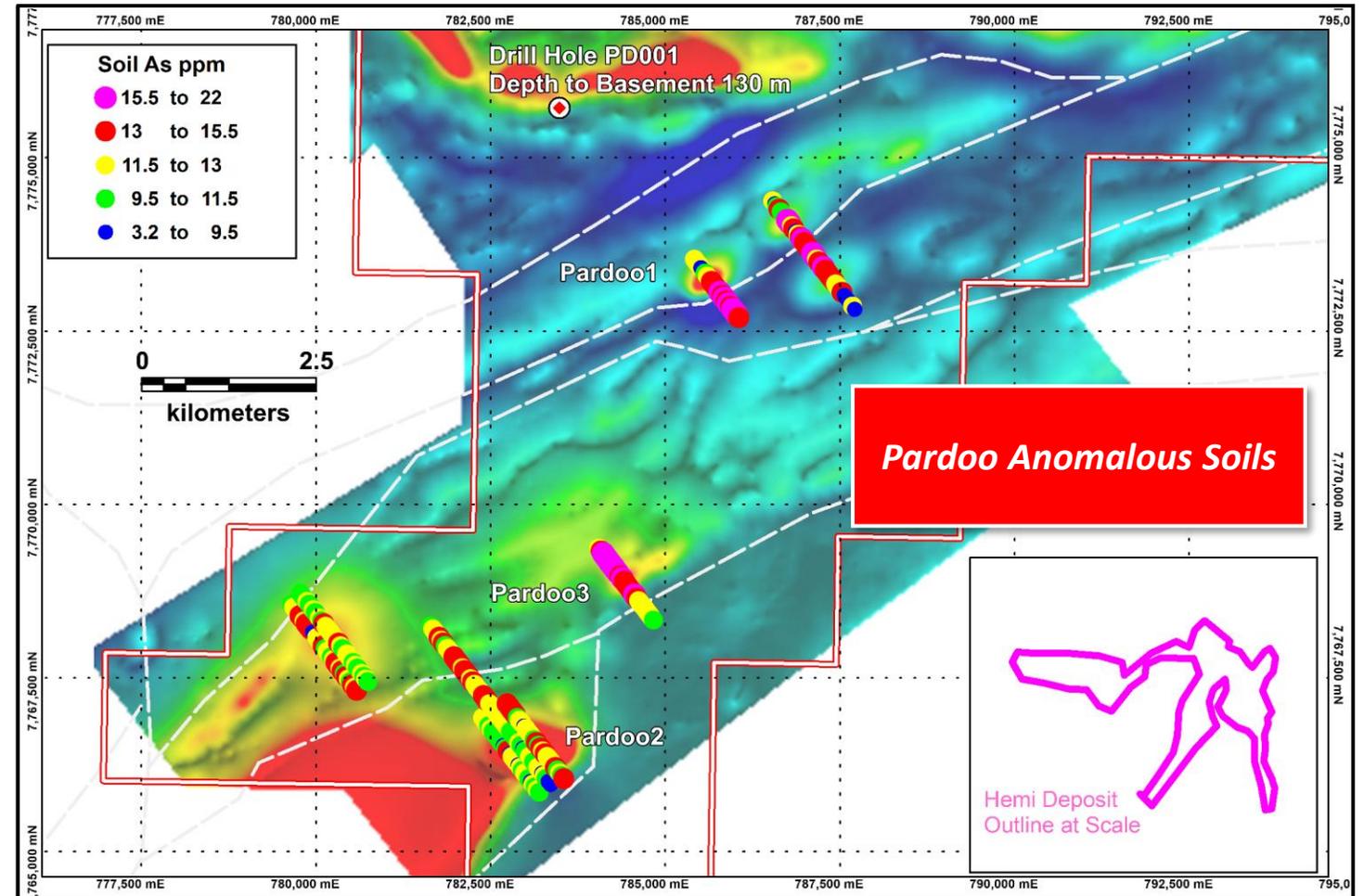


Ultra-Fine Fraction Soils

- Anomalous: As, Sb, Bi, W, Sn, Te, Ag, Zn over magnetic targets
- Plus: Sn, Ta, Li targets

Deep IP Planned Q1 2025

Drilling Q2 2025



Pardoo TMI Image and Ultra-fine Fraction Soil Geochemistry

Great Sandy

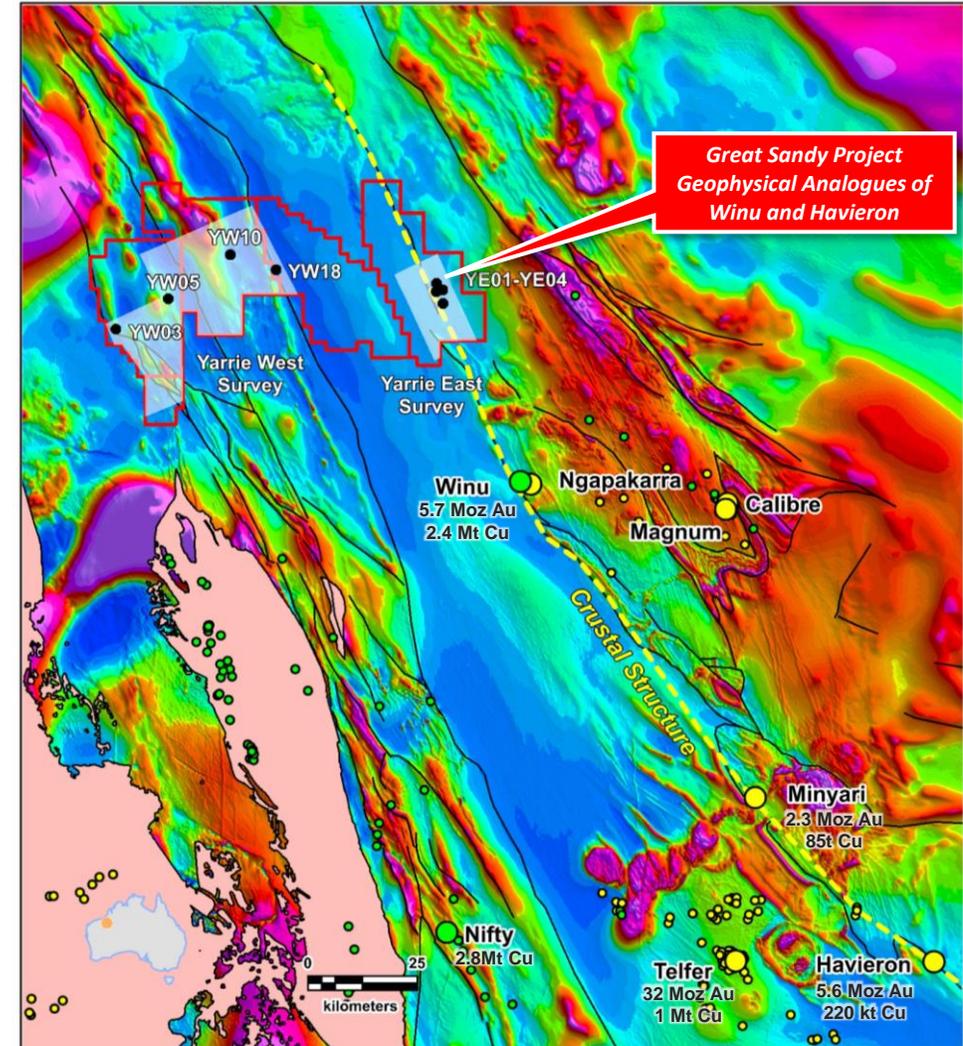
Intrusion-Related Gold-Copper

Proven Paterson Terrain

- Giant intrusion-related gold-copper deposits
- Telfer, Haveron, Winu, Minyari

Great Sandy

- Extension north
- Untested Haveron & Winu 'look-alikes'
- Heritage surveyed
- Drilling planned 2025

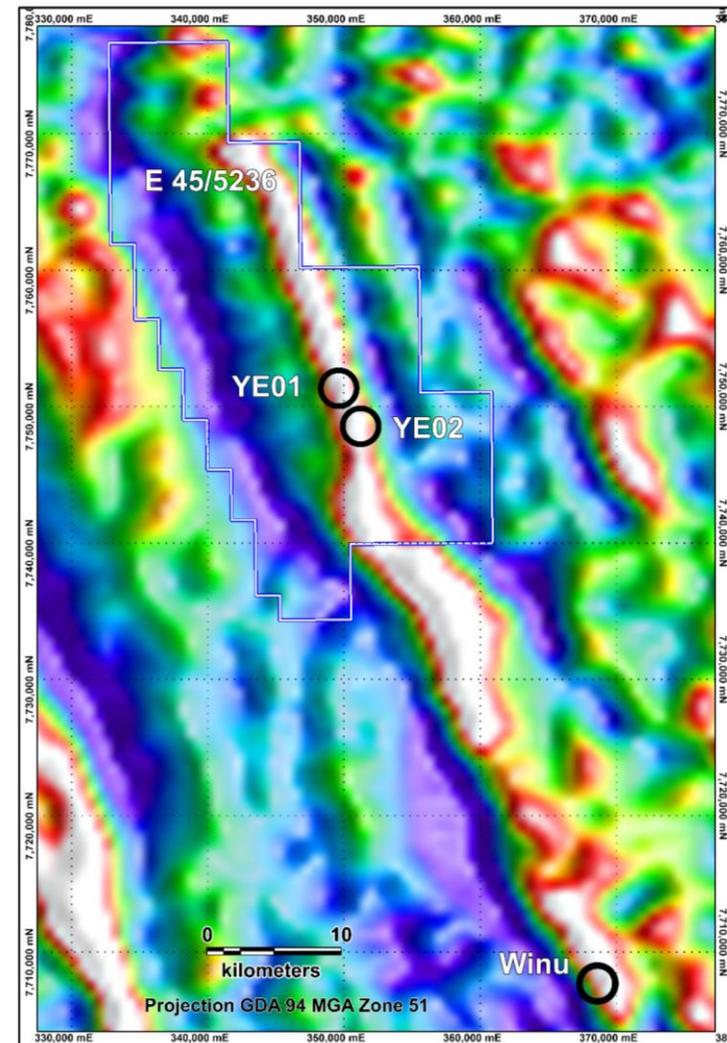
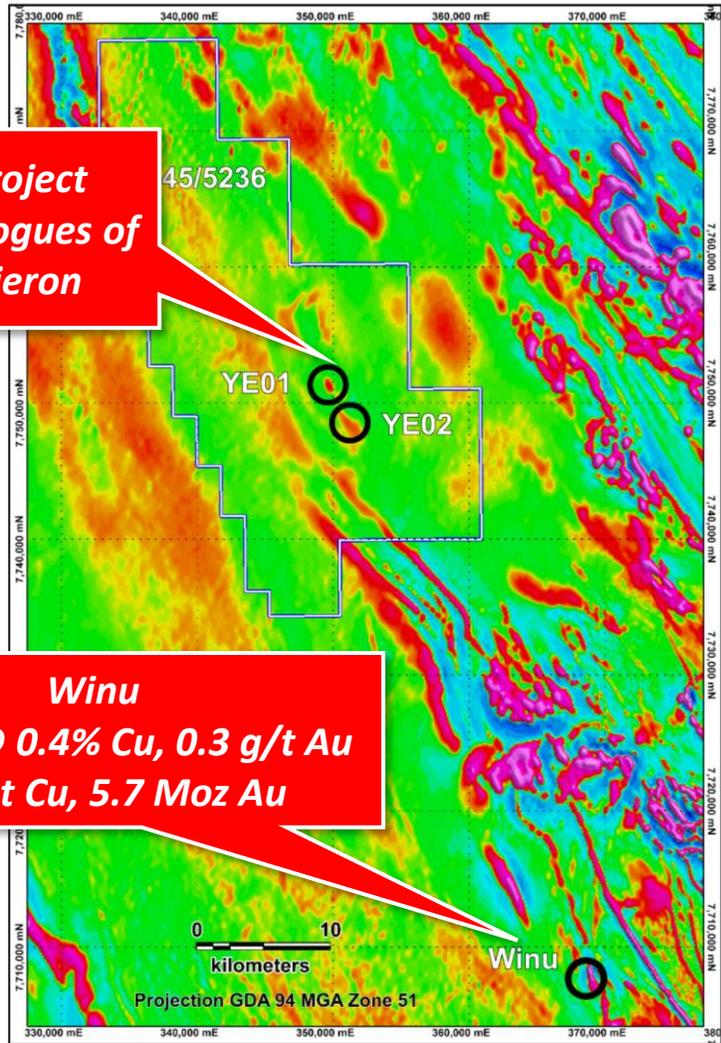


Paterson TMI and Deposits

Great Sandy Intrusion-Related Gold-Copper

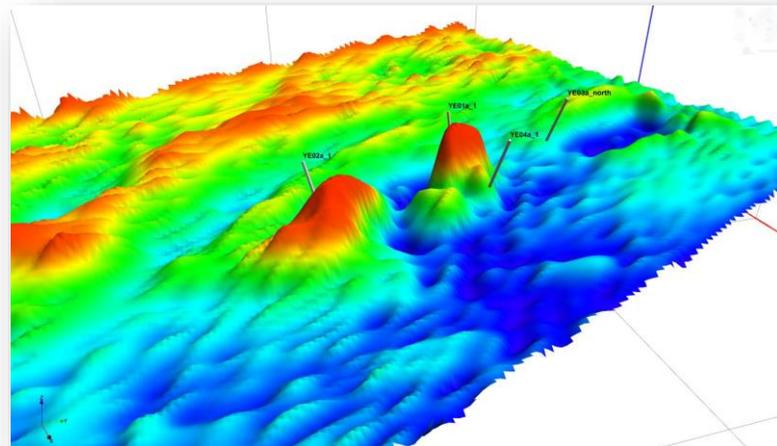
**Great Sandy Project
Geophysical Analogues of
Winu and Havieron**

**Winu
608 Mt @ 0.4% Cu, 0.3 g/t Au
2.4 Mt Cu, 5.7 Moz Au**

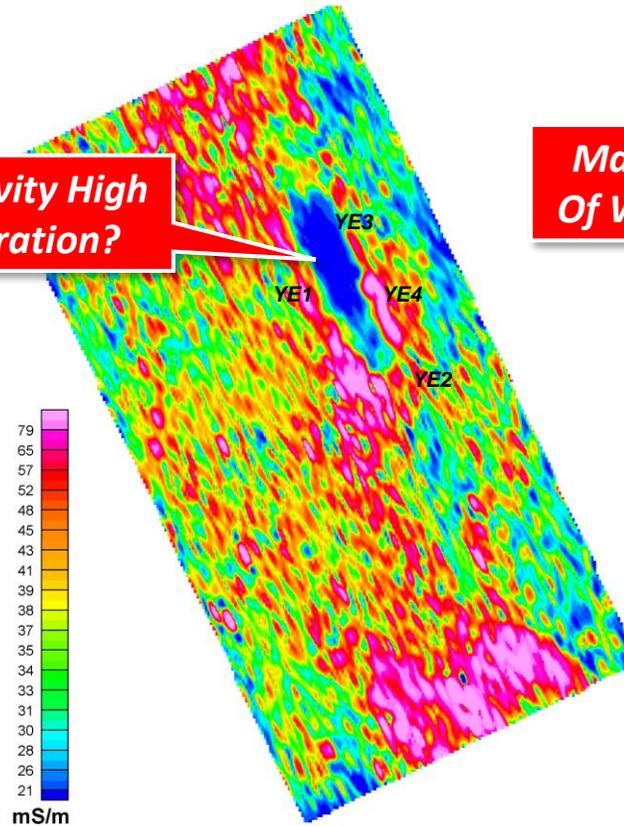


Great Sandy Intrusion-Related Gold-Copper

Untested Havieron & Winu 'look-alikes'

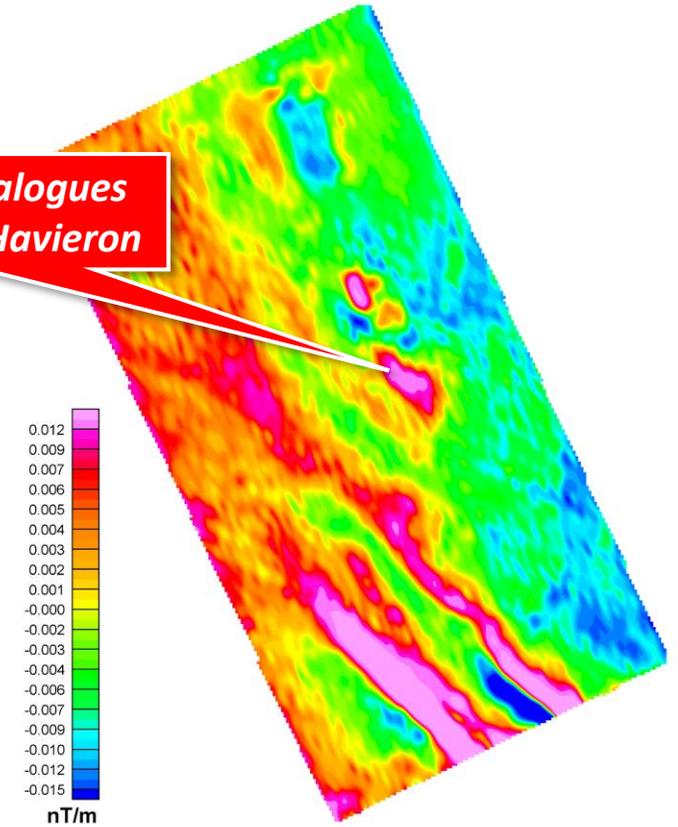


*Blue Resistivity High
Silica Alteration?*



Dcon db z 350m

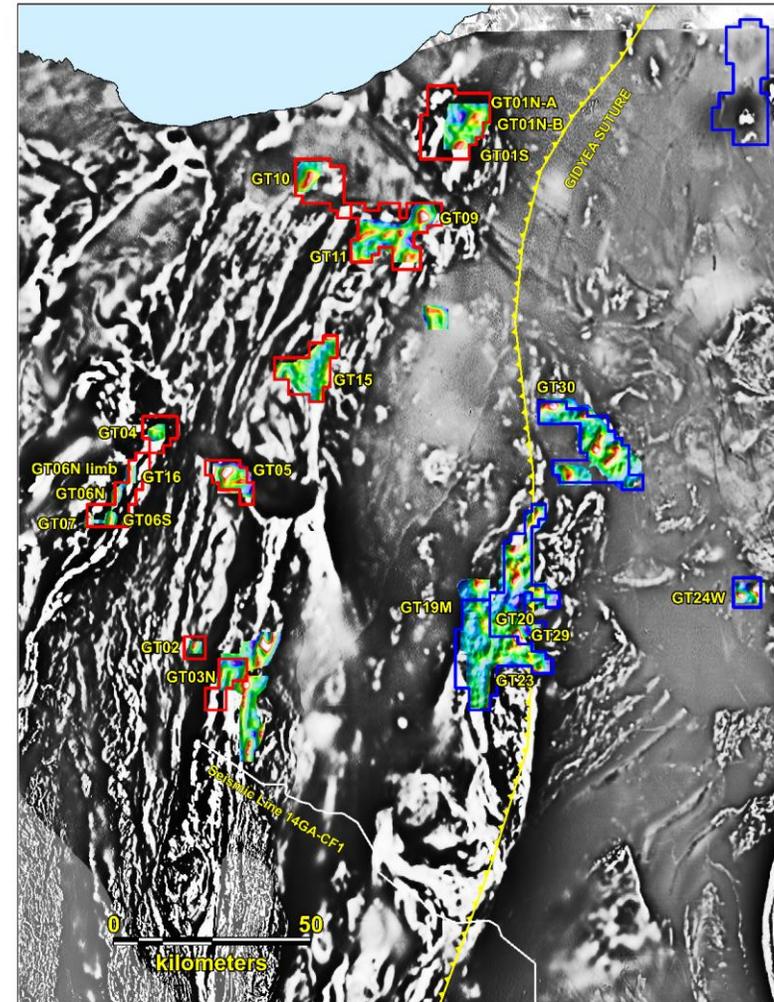
*Magnetic Analogues
Of Winu and Havieron*



TMI Vertical Derivative

First Mover Advantage

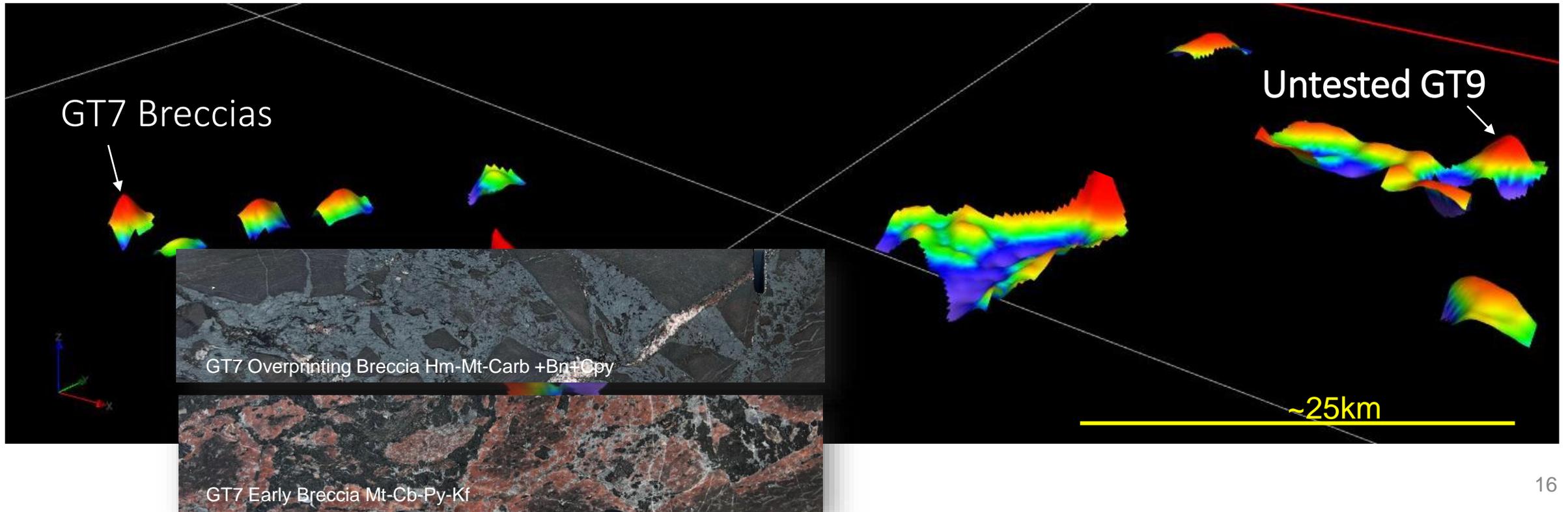
- Covered extension of Cloncurry IOCG terrain (Ernest Henry)
- First to apply high resolution gravity
- Early drilling discovering new hematite and magnetite IOCG breccias
- Comparable to Gawler Craton SA



Greyscale Vertical Gradient Magnetic Image Overlain by Red Metal Infill Vertical Gradient Gravity Image

Early Drilling

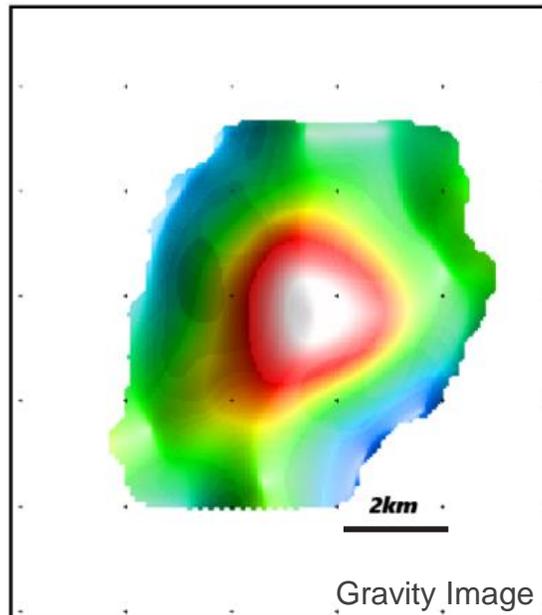
- New hematite and magnetite IOCG breccias emerging
- Comparable to Gawler Craton SA



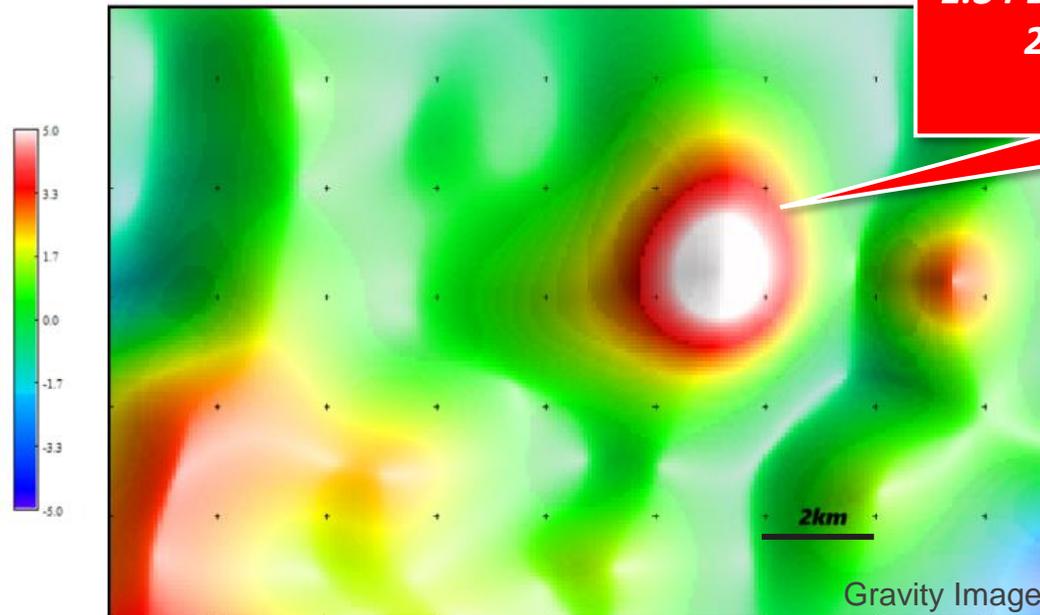
Large Untested Gravity Target GT9

- Comparable response to BHP's giant Oak Dam deposit in the Gawler Craton

Gulf GT9



Oak Dam



**1.34 Bt @ 0.66% Cu, 0.33 g/t Au including
220 Mt @ 1.96% Cu, 0.68 g/t Au
(BHP August 2024)**

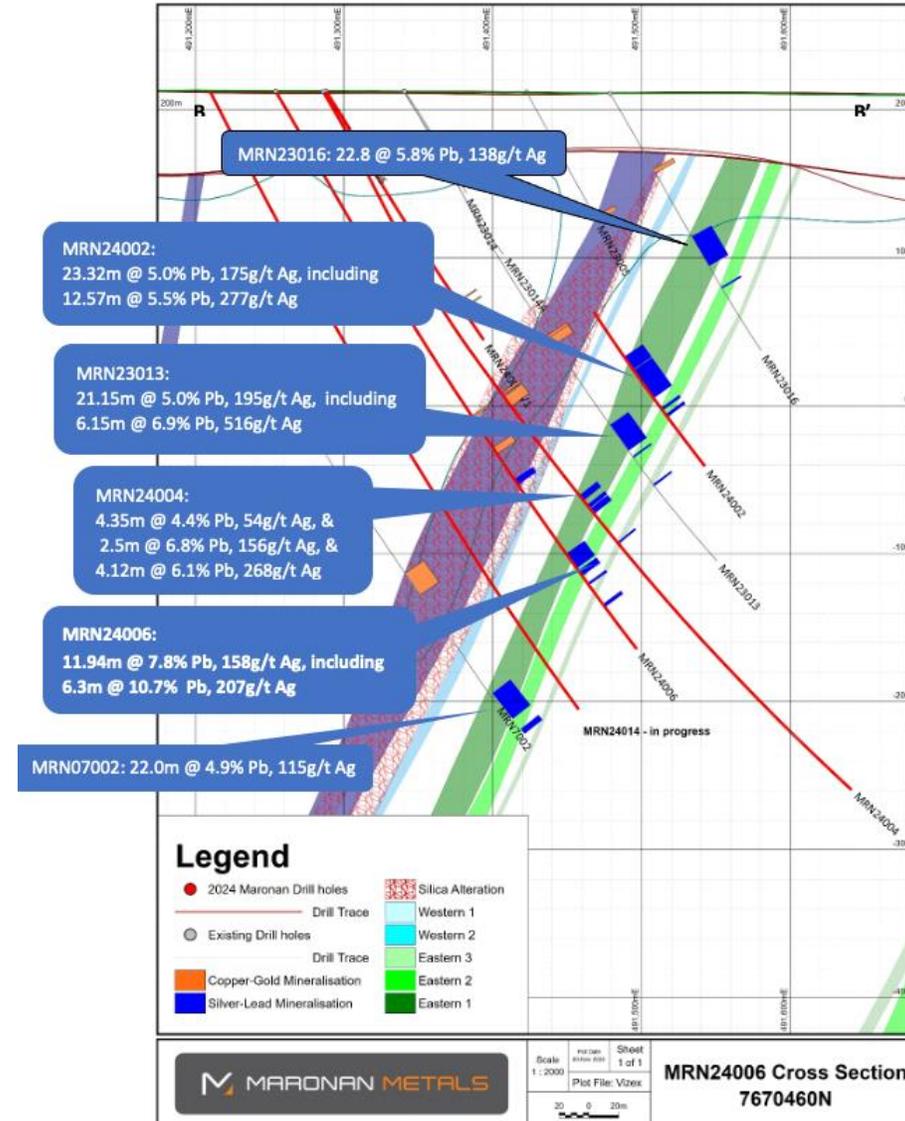
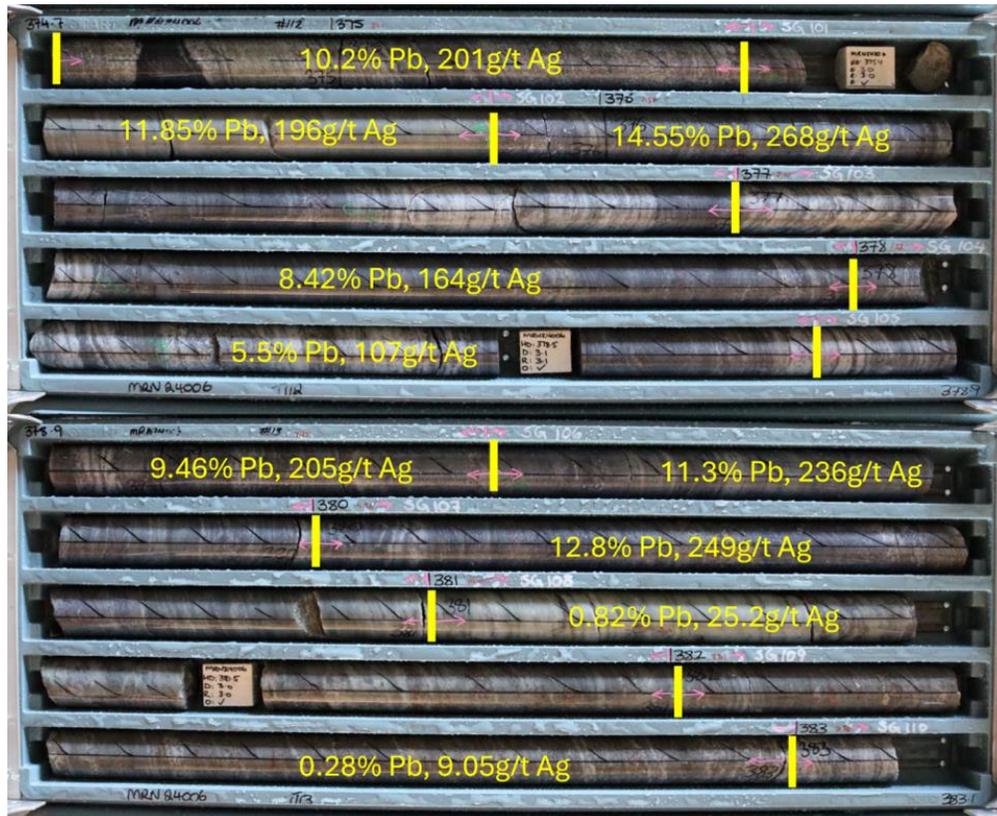
44% Equity in Maronan Metals ASX:MMA

Silver-Lead & Copper-Gold



Moving Towards "Mine Ready"

- A Cannington look-alike



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This Presentation was Authorised by the Board of Red Metal.

Caution Regarding Forward-Looking Statements.

This Presentation contains forward-looking statements which are identified by words such as 'may', 'could', 'potential for', 'scope for', 'opportunity for', 'believes', 'expects', or 'intends' and other similar words that involve risks and uncertainties.

These statements are expressed in good faith and believed to have a reasonable basis, and are based on a number of assumptions regarding future events and actions that, as at the date of this Presentation, are expected to take place.

Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the Directors and the Company's management.

The Company cannot and does not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this Presentation will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements.

The Company has no intention to update or revise forward-looking statements, or to publish prospective financial information in the future, regardless of whether new information, future events or any other factors affect the information contained in this Presentation, except where required by law.

These forward-looking statements are subject to various risk factors that could cause the Company's actual results to differ materially from the results expressed or anticipated in these statements.

Competent Persons Statement

The information in this report that relates to Exploration Results is based on and fairly represents information and supporting documentation compiled by Mr Robert Rutherford, who is a member of the Australian Institute of Geoscientists (AIG). Mr Rutherford is the Managing Director of the Company. Mr Rutherford has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (the JORC Code). Mr Rutherford consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results and estimates of Mineral Resources for the Sybella Project was previously reported by the Company in compliance with JORC 2012 in various market releases with the last one being dated 11 February 2025. The Company confirms that it is not aware of any new information or data that materially affects the information included in those earlier market announcements and, in the case of the estimate of Mineral Resources all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

The information in this report that relates to Exploration Results and estimates of Mineral Resources for the Maronan Project was previously reported by the Company and its controlled entity Maronan Metals Limited in compliance with JORC 2012 in various market releases with the last one being dated 7 August 2024. The Company confirms that it is not aware of any new information or data that materially affects the information included in those earlier market announcements and, in the case of the estimate of Mineral Resources all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.



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