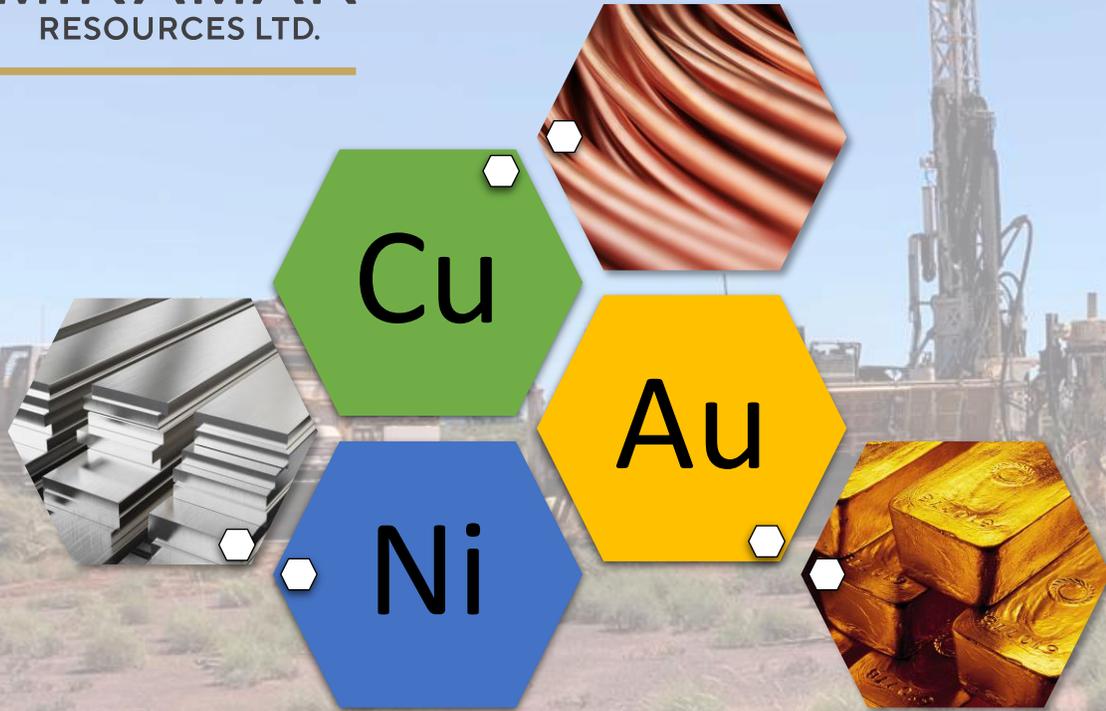




MIRAMAR
RESOURCES LTD.



GOLD COAST INVESTMENT SHOWCASE
21-22 JUNE 2023

ASX: M2R



Disclaimer/Competent Person Statement

Forward-Looking Statements

Statements in this presentation which are not statements of historical facts, including but not limited to those relating to the proposed transactions, are forward-looking statements. These statements instead represent management's current expectations, estimates and projections regarding future events.

Although management believes the expectations reflected in such forward-looking statements are reasonable, forward-looking statements are based on the opinions, assumptions and estimates of management at the date the statements are made and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. Accordingly, investors are cautioned not to place undue reliance on such statements.

Competent Person Statement

The information in this report that relates to Exploration Targets or Exploration Results is based on information compiled by Allan Kelly, a “Competent Person” who is a Member of The Australian Institute of Geoscientists. Allan Kelly is the Executive Chairman of Miramar Resources Ltd. He is a full-time employee of Miramar Resources Ltd and holds shares and options in the company.

Allan Kelly has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken 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’. Allan Kelly consents to the inclusion in this presentation of the matters based on his information and in the form and context in which it appears.

Information on historical results for all projects within this presentation, including JORC Table 1 and 2 Information, is included in the Miramar Resources Limited Prospectus dated 4 September 2020.

JORC Table 1 and 2 Information for Miramar results for all projects within this presentation are included in the relevant ASX releases.

Miramar Resources

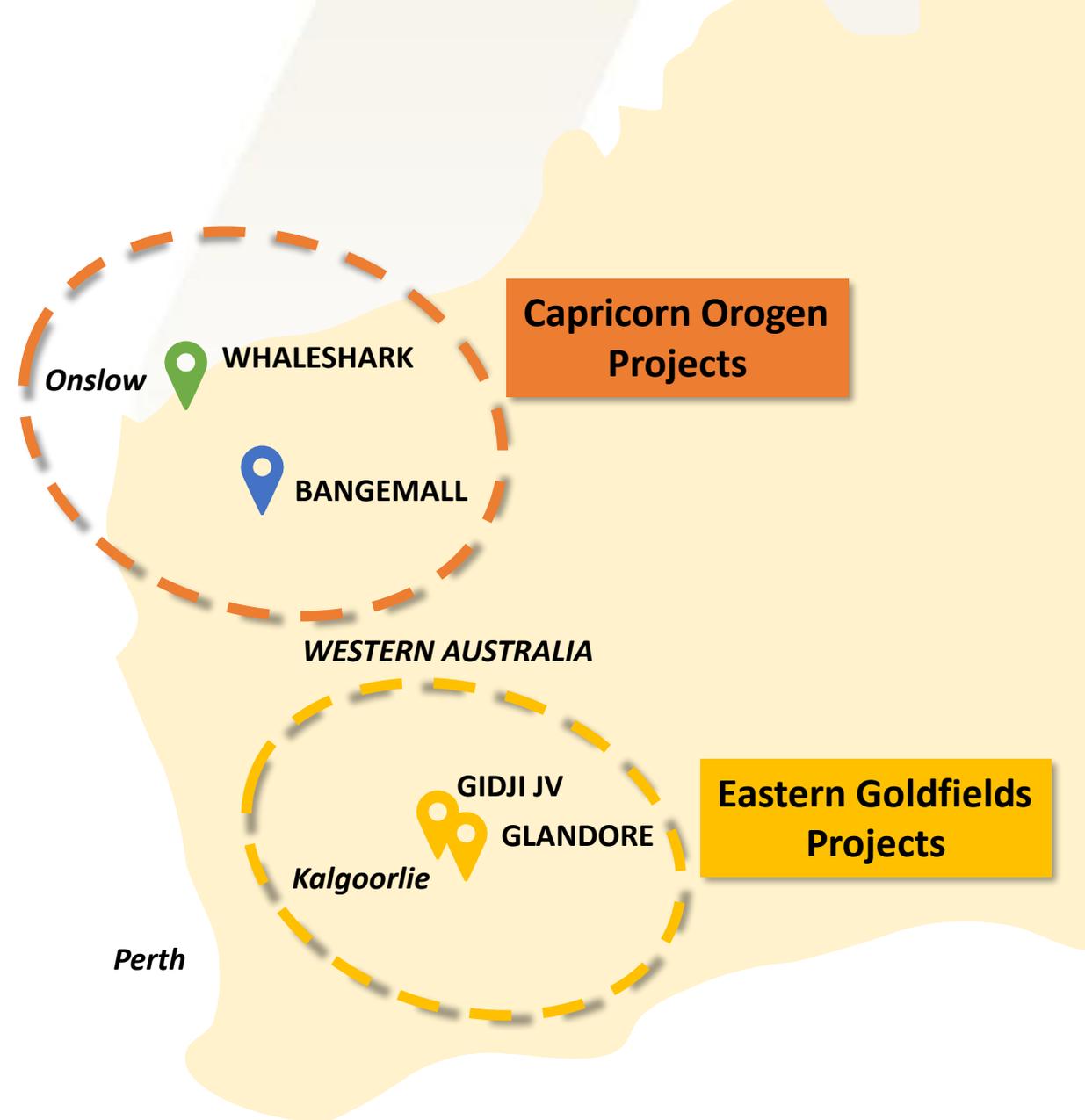
“Aiming to create shareholder value through discovery of world-class mineral deposits”

Multiple large discovery opportunities

- Large shallow **IOCG** targets at **Whaleshark**
 - (e.g. *Ernest Henry, Carrapateena*)
- Multiple **Ni-Cu-PGE** targets at **Bangemall**
 - (e.g. *Nova, Nebo-Babel, Savannah*)
- Potential **new gold camp** at **Gidji JV**
 - (e.g. *Paddington, Mt Charlotte*)

Unmatched leverage to discovery

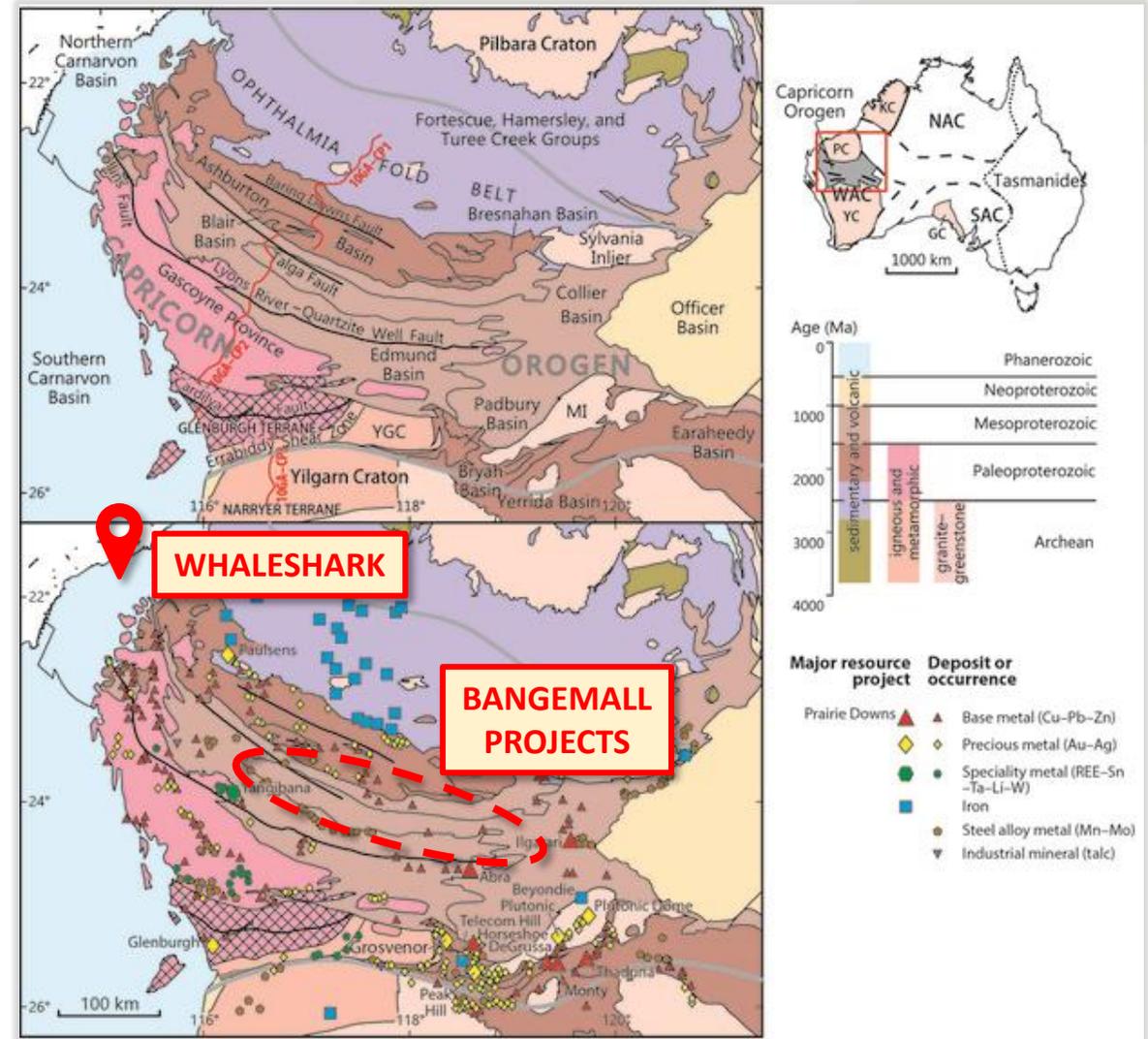
- Tight share register and low EV
- Well funded via recent **\$2M capital raising**



Capricorn Orogen

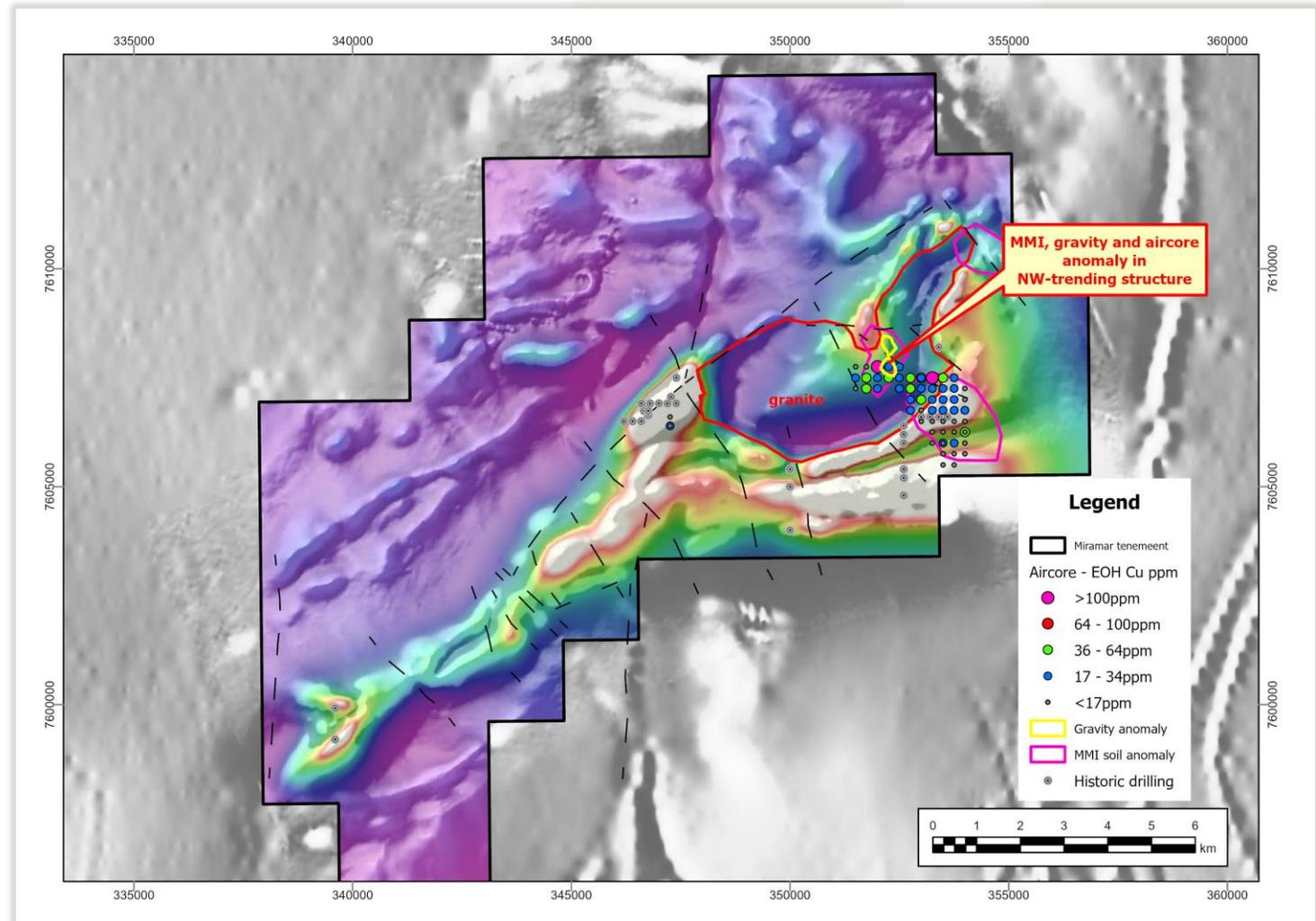
Rapidly emerging mineral province

- Proterozoic orogens host major mineral deposits worldwide
- The Capricorn Orogen is underexplored but highly prospective for multiple commodities and deposit types
 - IOCG (Whaleshark)
 - Ni-Cu-PGE's (Bangemall)
 - Lithium (Yinnetharra)
 - REE's (Yangibana)
 - Cu-Pb-Zn (Abra)
 - Gold (Paulsens, Mt Olympus)



Whaleshark – large shallow IOCG target

- Proterozoic granite and BIF under basin
- Gravity and MMI soil anomaly within granite
- 2022 interface aircore drilling
 - Shallow basement
 - **Cu-Co-Au-Ag-Re** anomalism
 - Na + K alteration
 - Sulphides



Whaleshark

Key ingredients for a large IOCG deposit

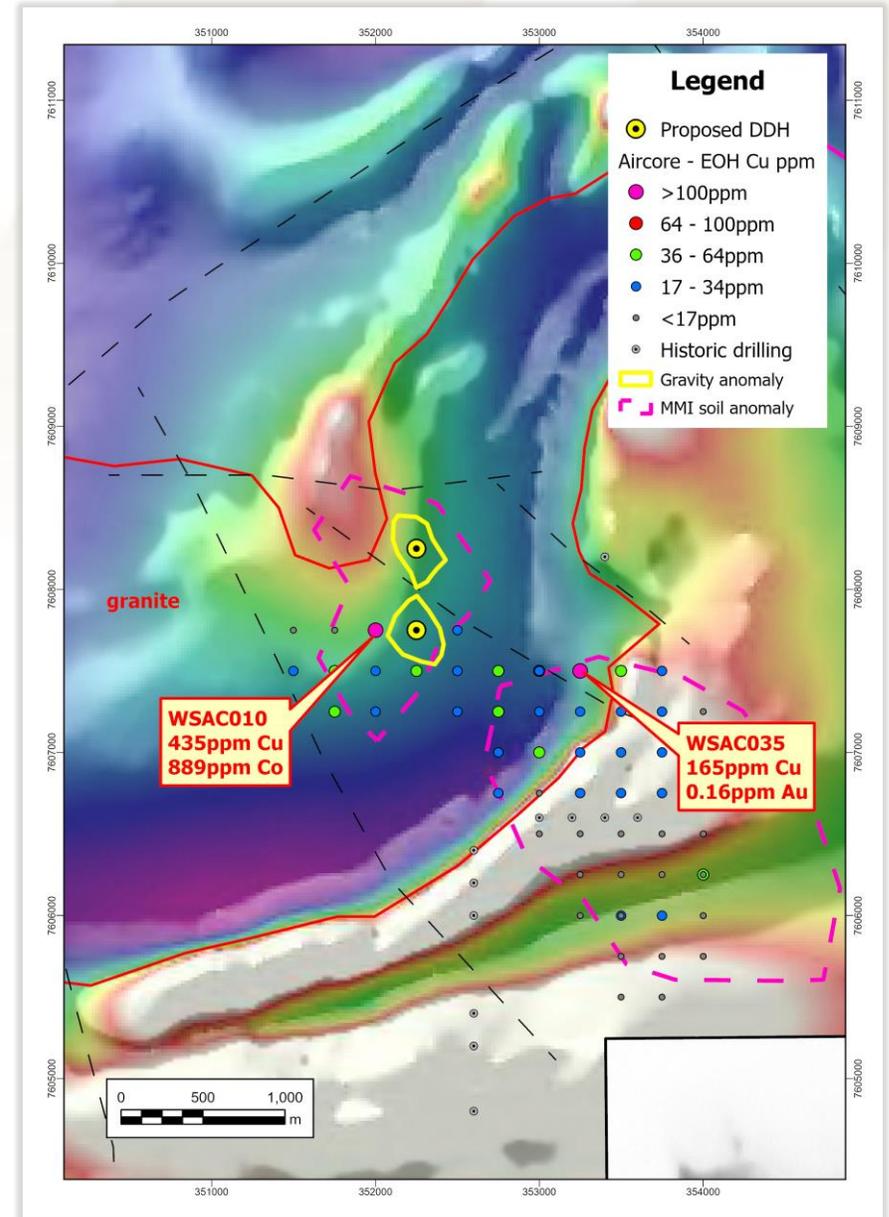
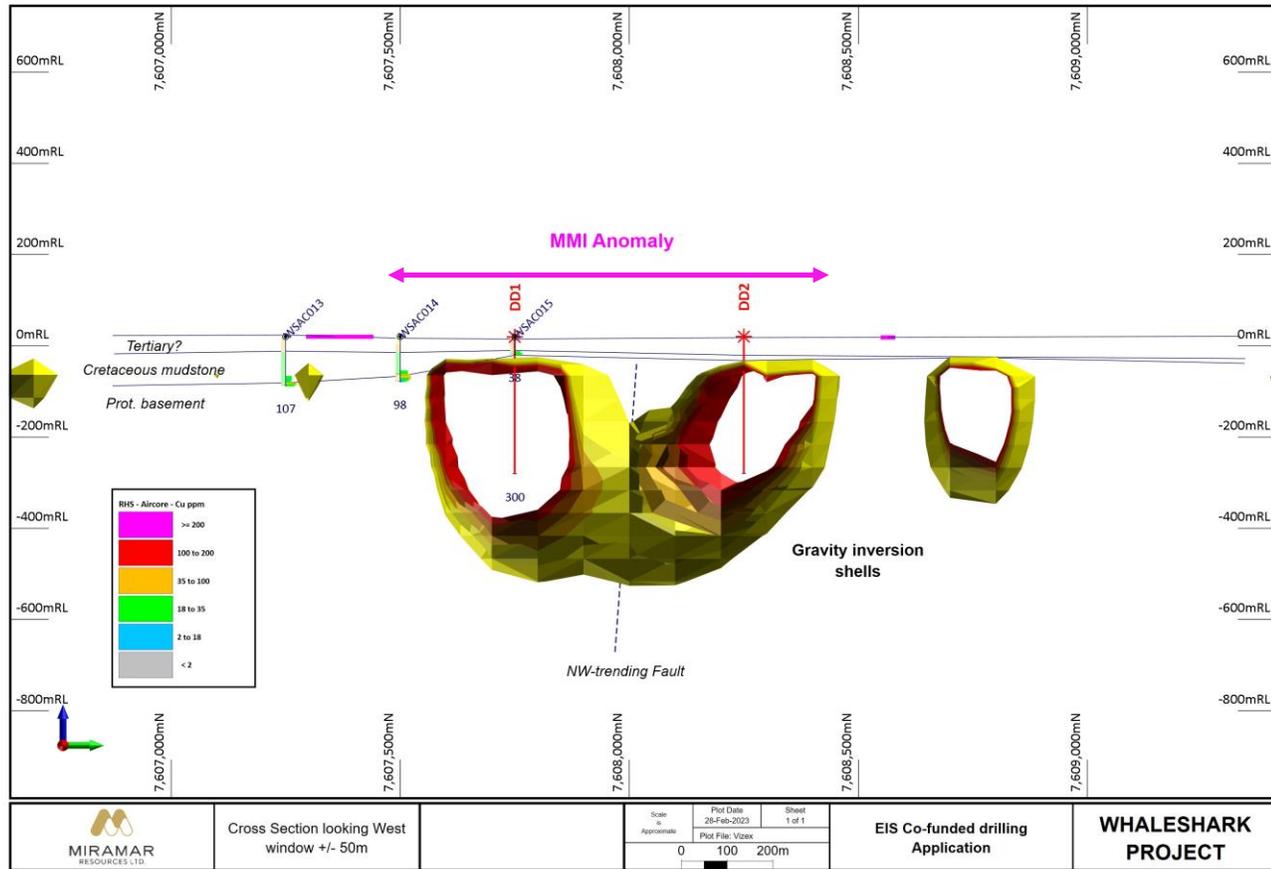
- ✓ Proterozoic granite with iron-rich rocks nearby
- ✓ Overlapping gravity and magnetic anomalism
- ✓ Strongly anomalous “interface” geochemistry
- ✓ Sodid and potassic alteration
- ✓ Shallow basement (mostly <100m)

What's Next?

- Successful \$180,000 EIS application
- Heritage survey completed
- **Jul/Aug - diamond drilling**



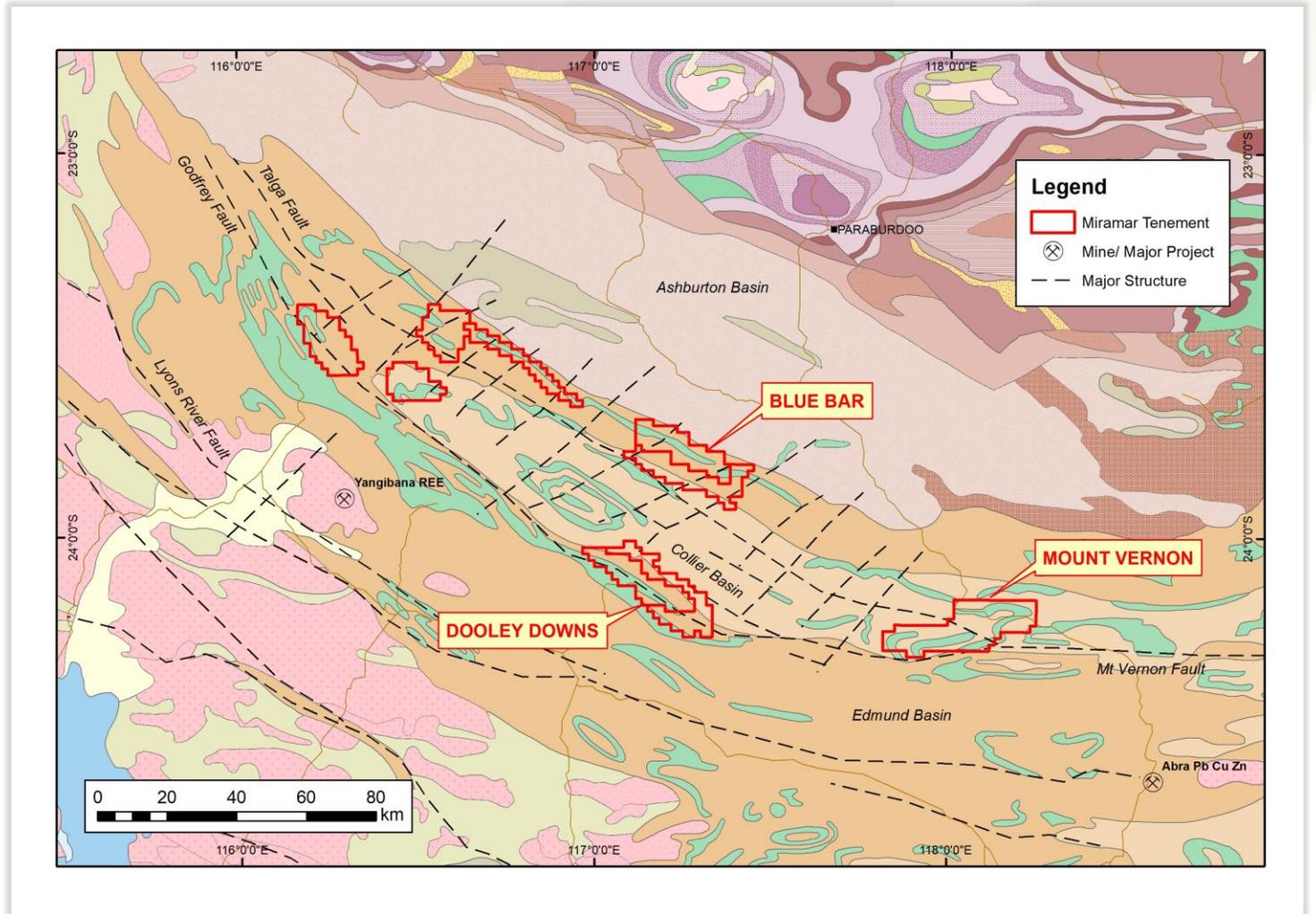
Whaleshark drill targets



Bangemall Ni-Cu-PGE Projects

Potential for Norilsk-style Ni-Cu-PGEs

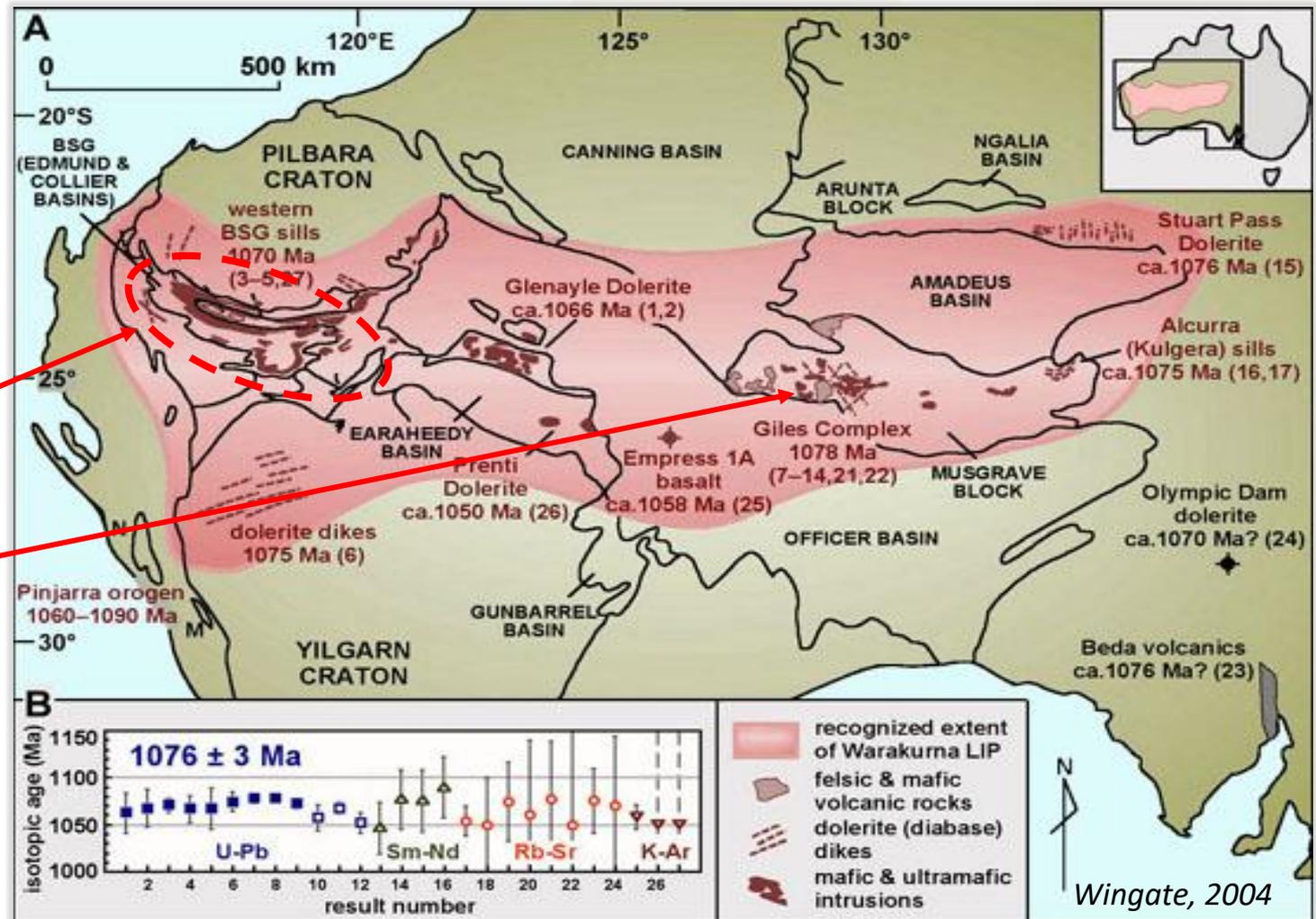
- ✓ Craton margin
- ✓ Crustal-scale structures and cross-cutting faults
- ✓ Extensive volumes of mafic magma
- ✓ Regional **Ni-Cu-PGE** signatures
 - GSWA geochem
 - Capricorn EM



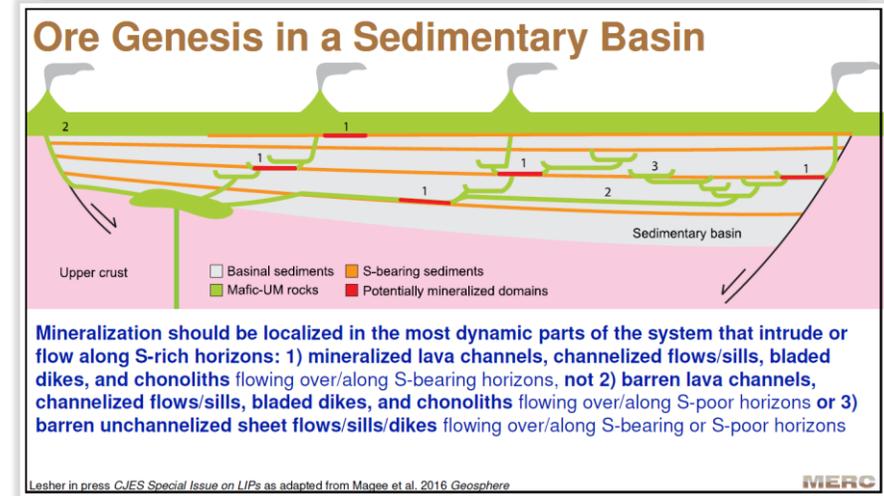
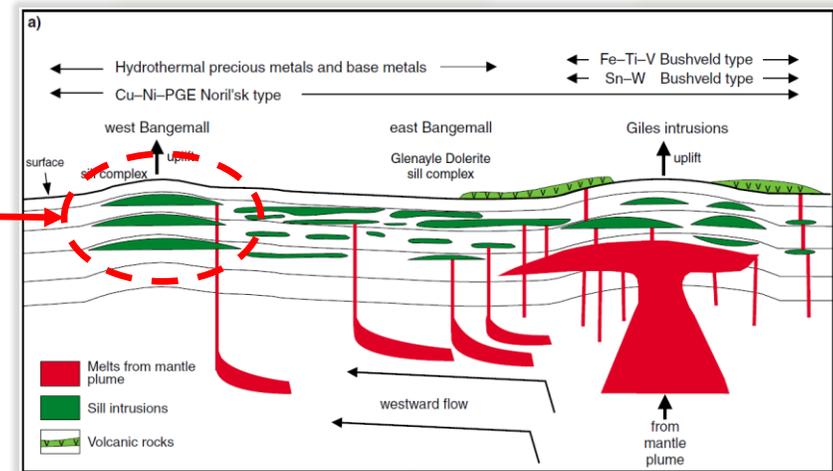
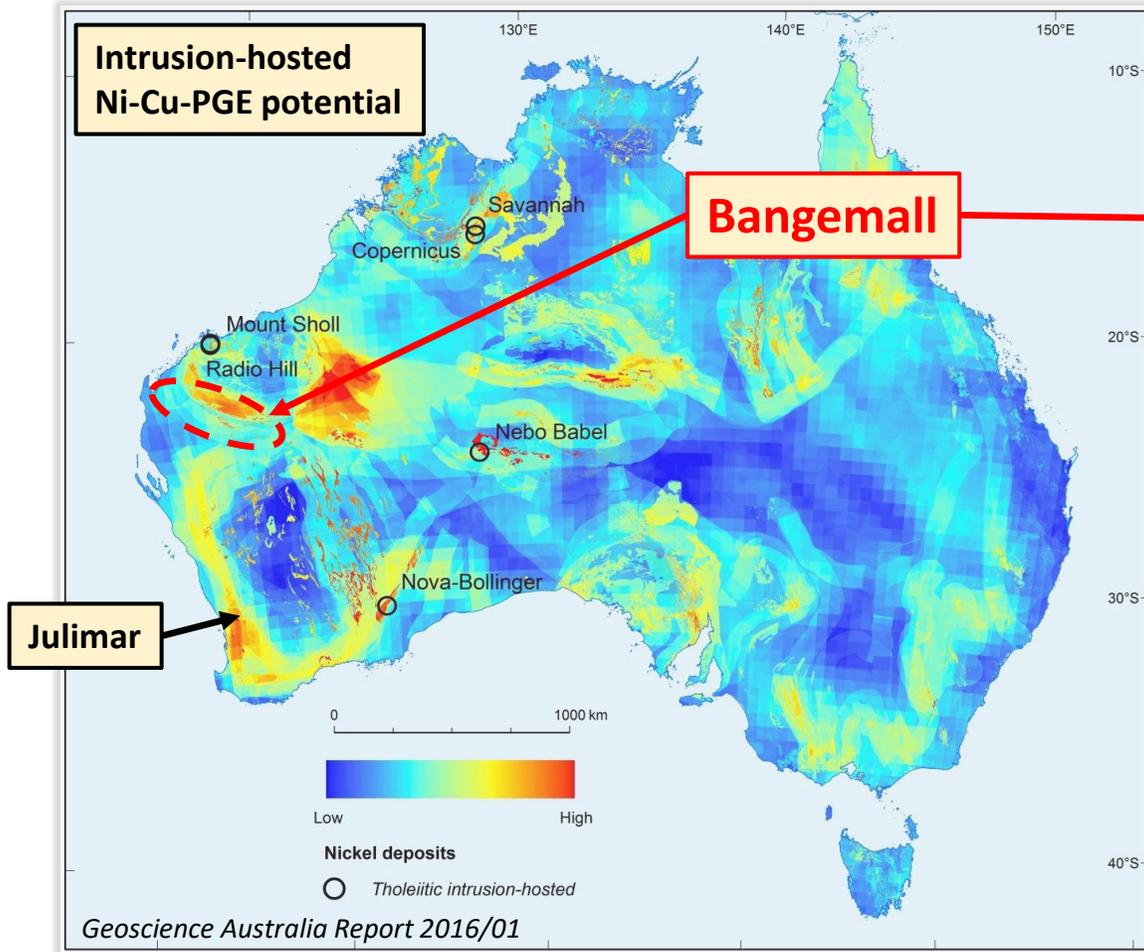
Bangemall – Ni-Cu-PGE model

Warakurna Large Igneous Province (LIP)

- Widespread mafic intrusive event related to mantle plume
- **Bangemall – 1070Ma Kulkatharra Dolerite**
- **West Musgraves – 1078Ma Giles Complex**
 - **Nebo and Babel deposits (1.2Mt Ni, 1.3 Mt Cu)**

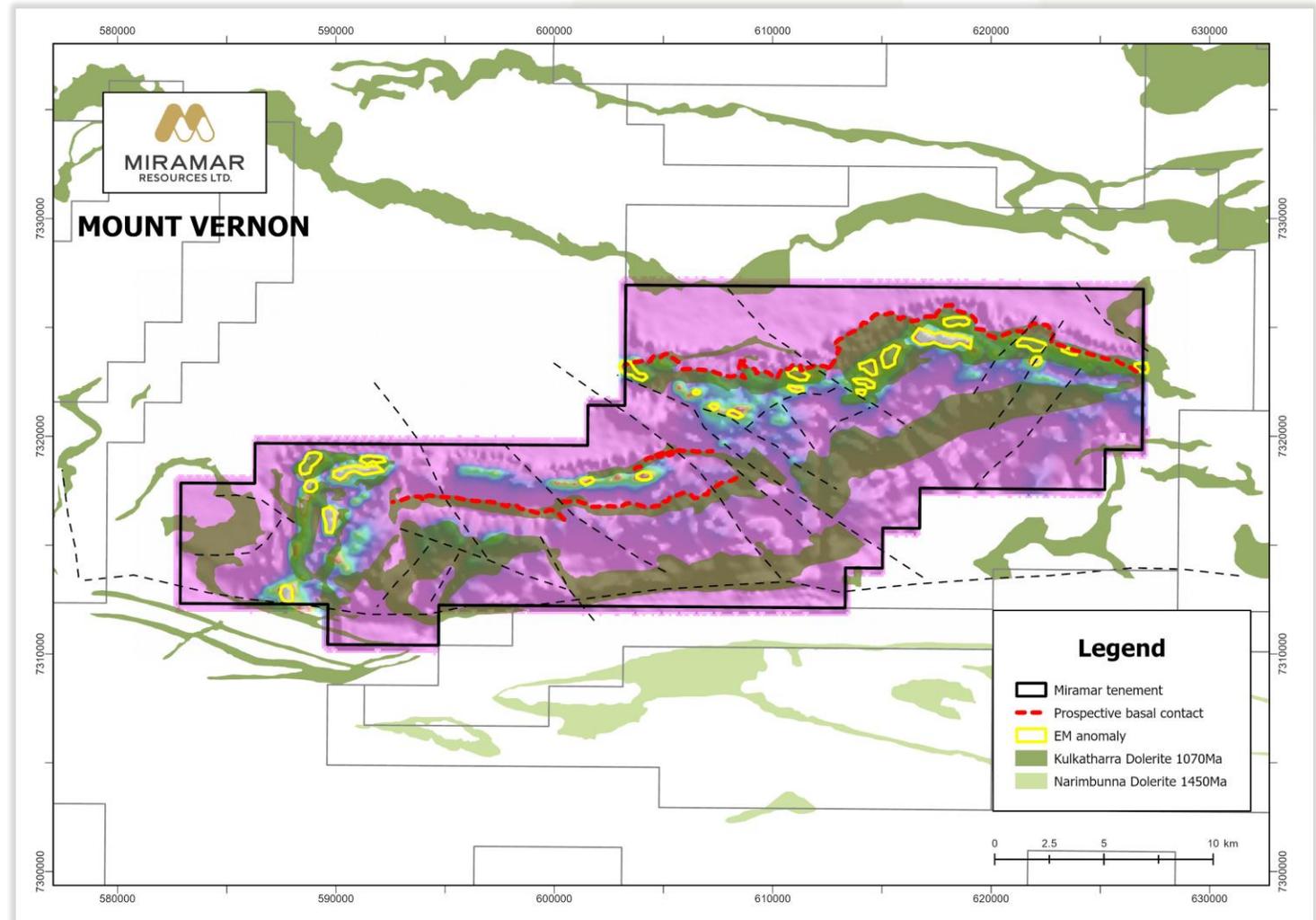


Bangemall – Ni-Cu-PGE model



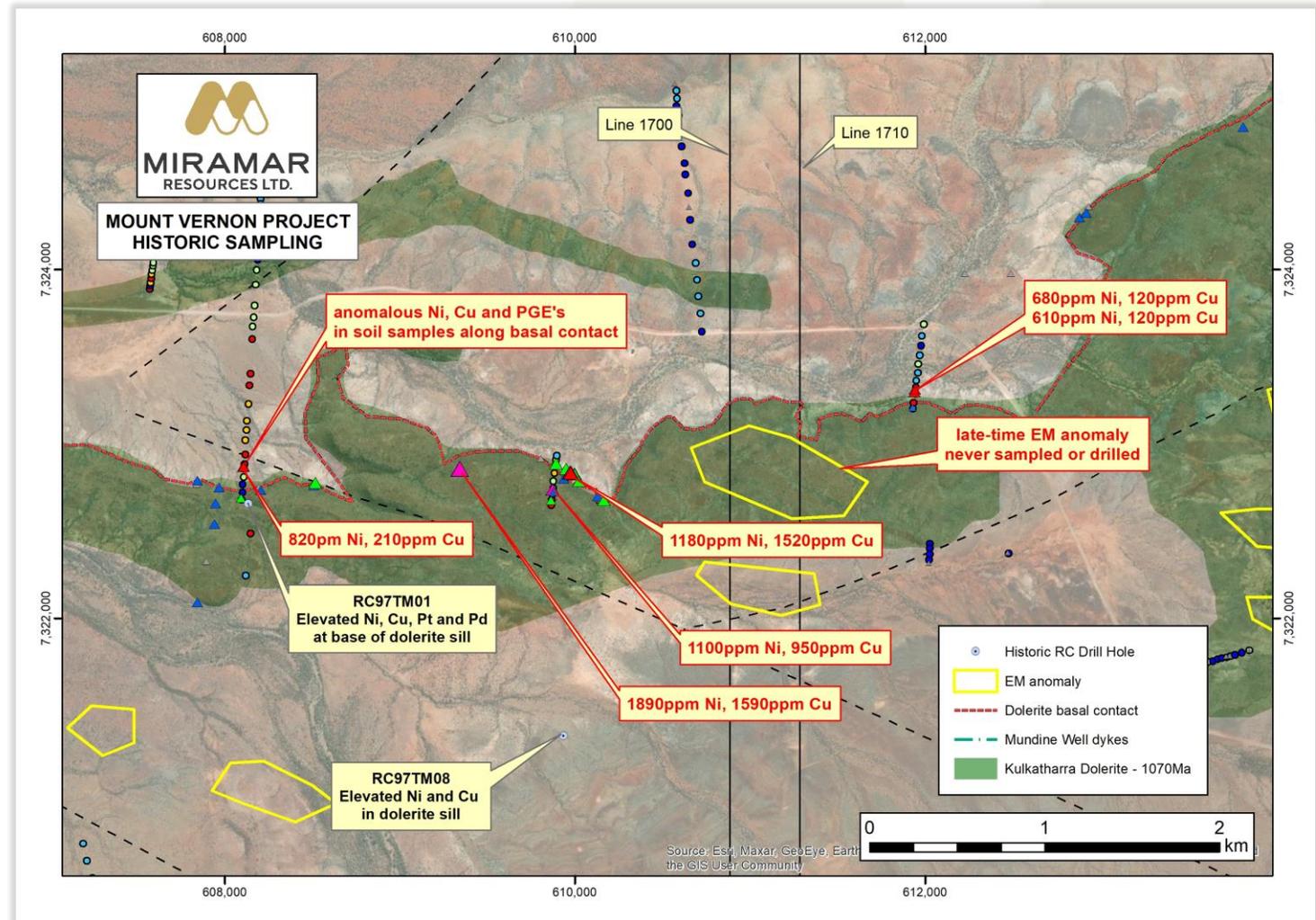
Bangemall - Mt Vernon

- Multiple **Kulkatharra Dolerite** sills intruding into sulphidic sediments
- **>30km** of prospective basal contact
- Cross-cutting faults
- 2022 VTEM survey identified multiple **late-time anomalies**



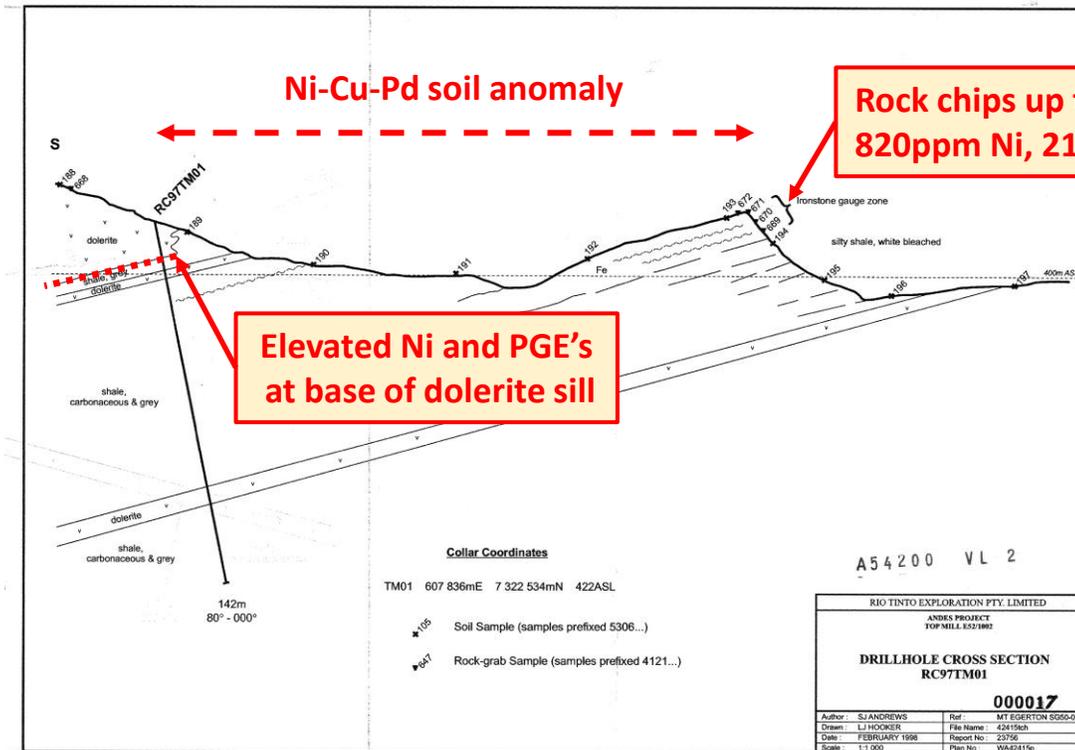
Bangemall - Mt Vernon

- Historic **Ni-Cu-PGE** soil anomalies
- Strongly elevated **Ni-Cu** in rock chips
- Large **EM anomalies**
- Historic RC drilling intersected elevated Ni-Cu-PGE's in dolerite
- Sampling and EIS drilling application planned

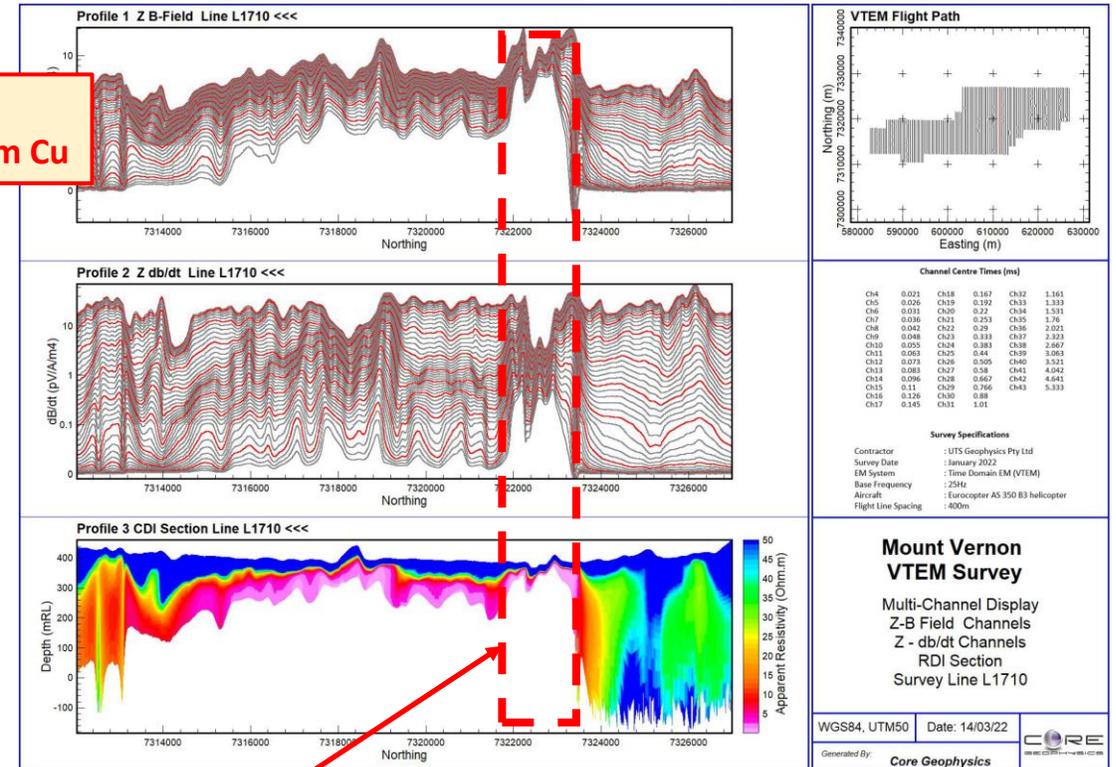


Bangemall - Mt Vernon

1997 Rio Tinto RC drilling



2022 VTEM survey



Late time EM anomaly at base of dolerite sill

Eastern Goldfields Projects

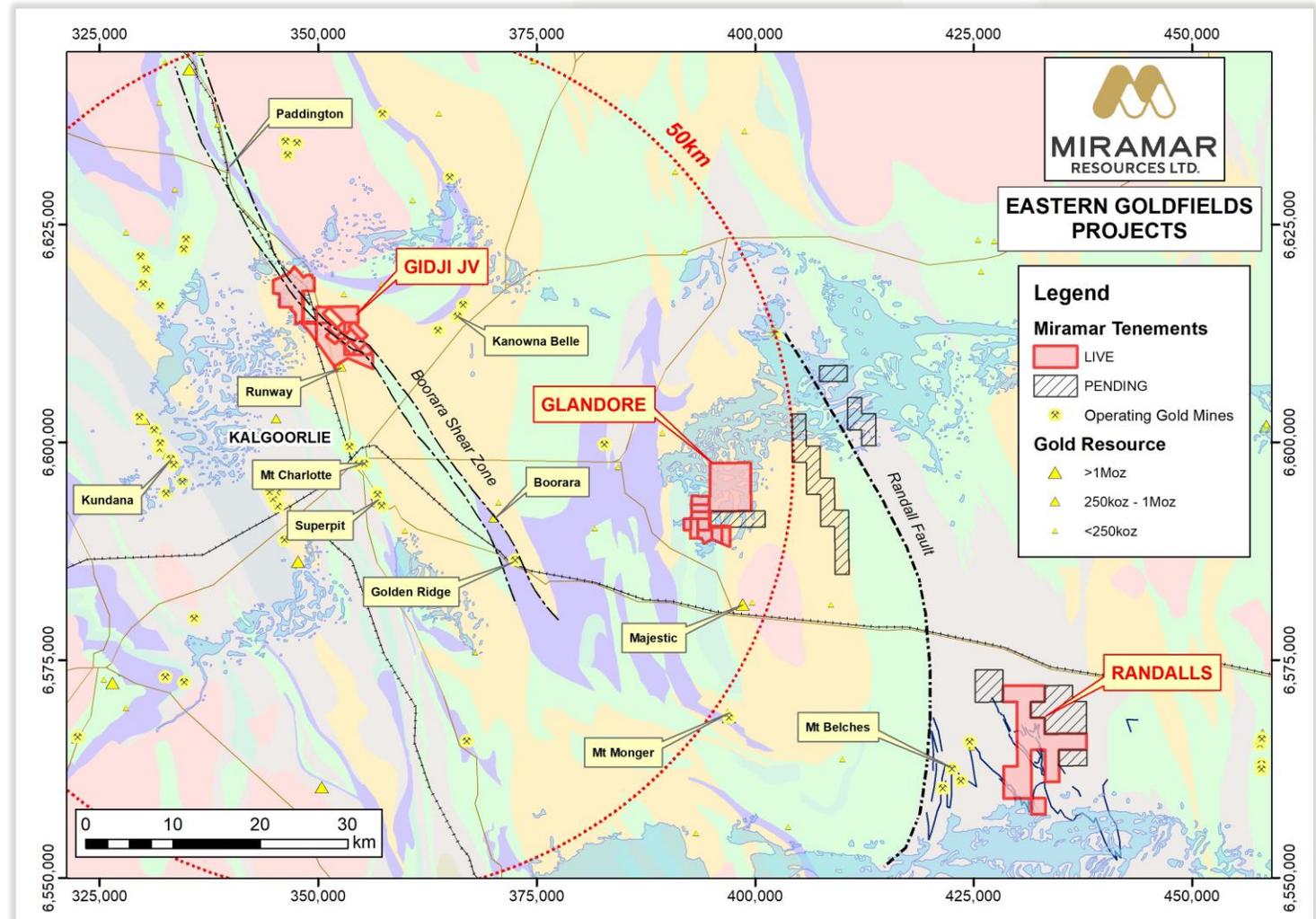
Strategic land position in world-class gold province

Gidji JV

- Potential for a new gold camp close to Kalgoorlie
- Shallow **100koz** Exploration Target outlined at **Marylebone***

Glandore

- Multiple high-grade gold results from lake drilling



* See ASX Release dated 2/2/2023

Corporate Snapshot (pro-forma)

| ASX Code | M2R |
|---------------------------|---------------|
| Shares on Issue | 148.8M |
| Listed Options (@25c) | 46.0M |
| Market Cap (@ 4c) | \$6.0M |
| Cash/Investments (Mar 23) | \$2.0M |
| Enterprise Value | \$4.0M |

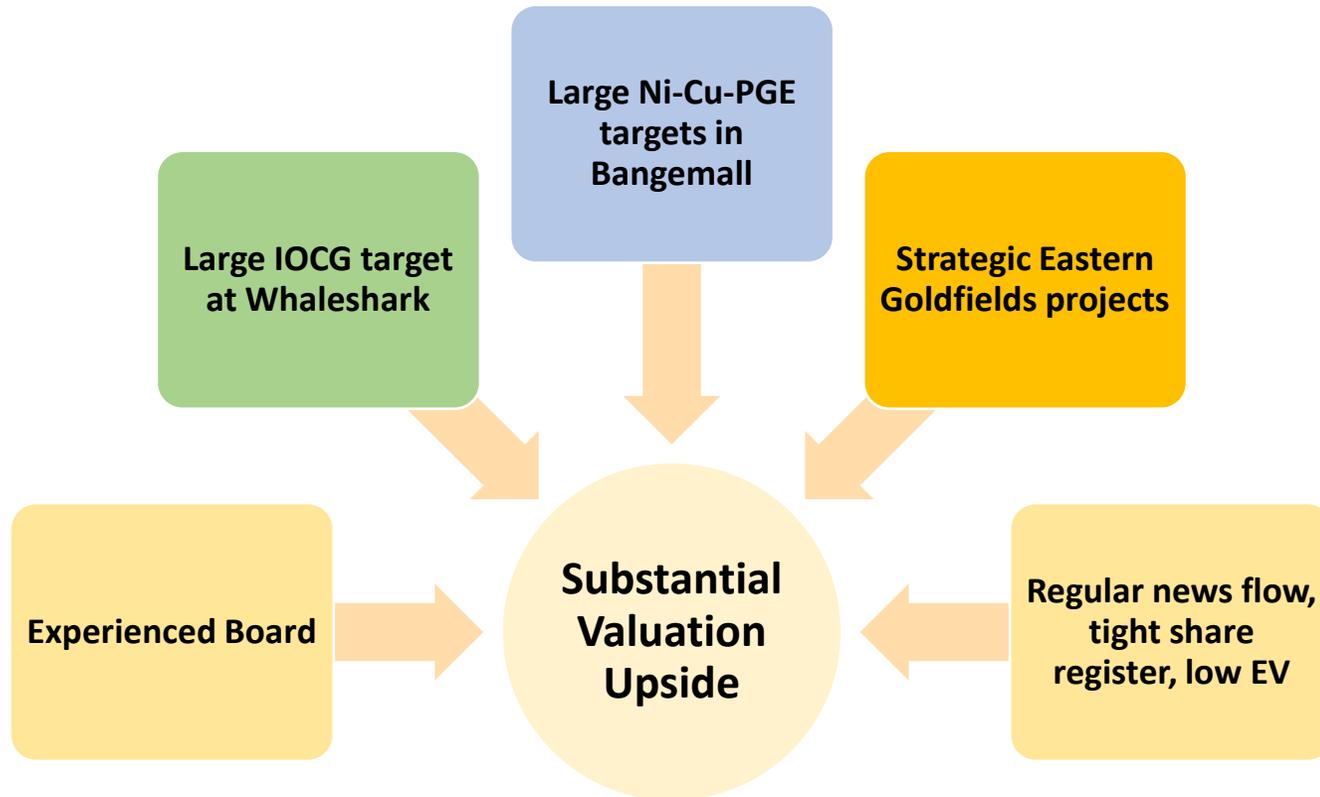
| Substantial Shareholders | % |
|---------------------------|-------------|
| XGS Pty Ltd (Allan Kelly) | 11.2 |
| Faraday Nominees Pty Ltd | 9.5 |
| Top 20 Holders | 43.5 |
| Combined Board | 12.1 |
| No. of Shareholders | ~950 |

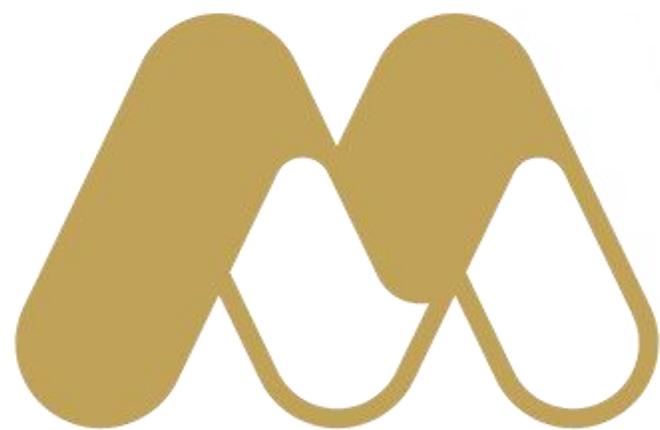
Experienced Board – with track record of successful discovery, development and production

| | |
|--|--|
| Allan Kelly (Exec. Chairman) | <ul style="list-style-type: none"> • Geologist/Geochemist/Manager/Brewer • 30 years experience in mineral exploration, development, production and management • Founding MD, Doray Minerals Ltd (2009-2016) • AMEC “Prospector” Award – 2014 |
| Marion Bush (Technical Director) | <ul style="list-style-type: none"> • Geologist/Analyst/Manager • 25 years experience in exploration, management, directorship and marketing |
| Terry Gadenne (Non-Exec. Director) | <ul style="list-style-type: none"> • 30 years experience in military/civil aviation, agriculture and mining services • Former MD of Mining Logic Pty Ltd and Chief Pilot of Mackay Helicopters Pty Ltd. |
| Mindy Ku (Co. Sec/CFO) | <ul style="list-style-type: none"> • 15+ years experience with public and private companies |

Miramar Resources

“Aiming to create shareholder value through discovery of world-class mineral deposits”





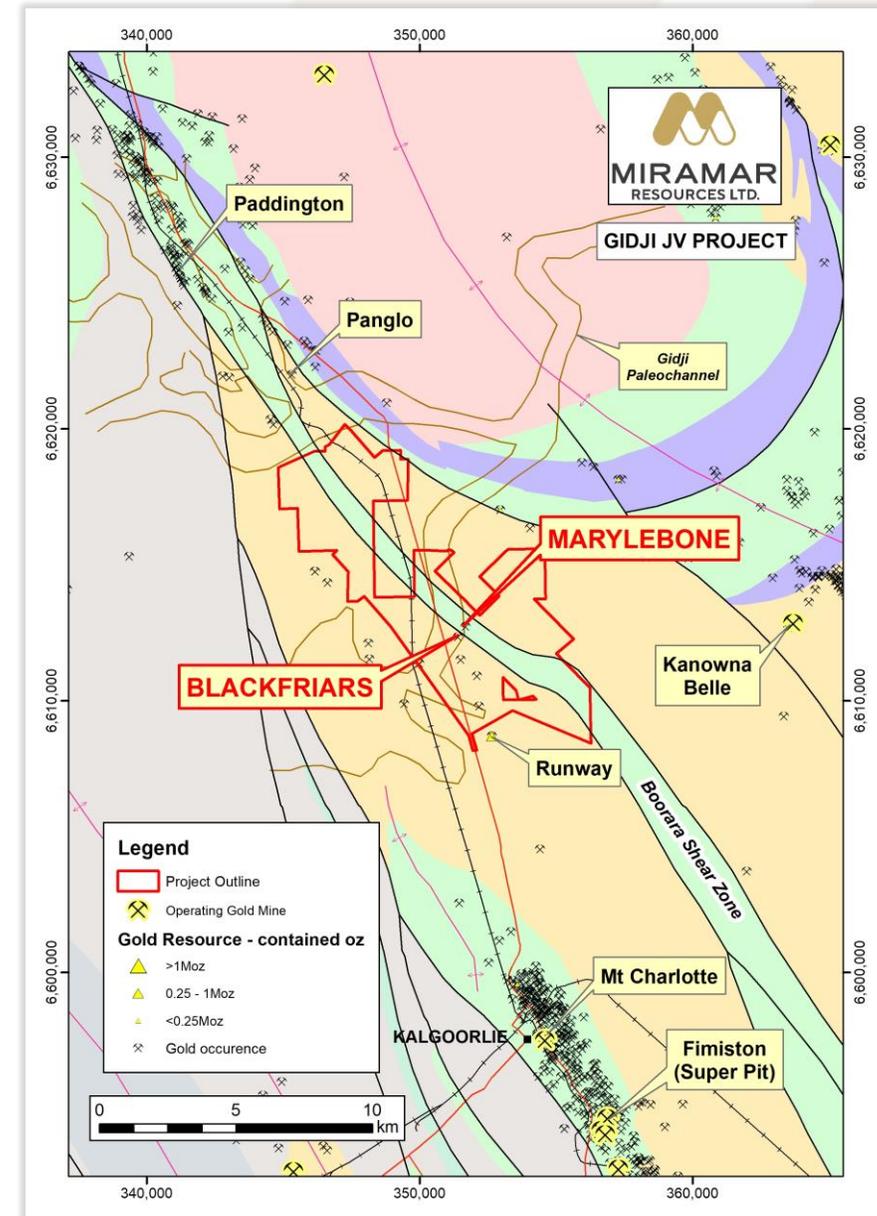
miramarresources.com.au | ASX: **M2R**

Gidji JV

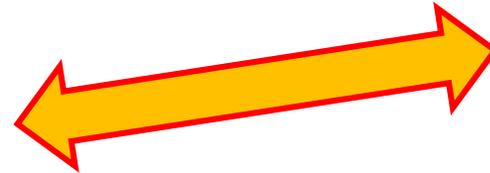
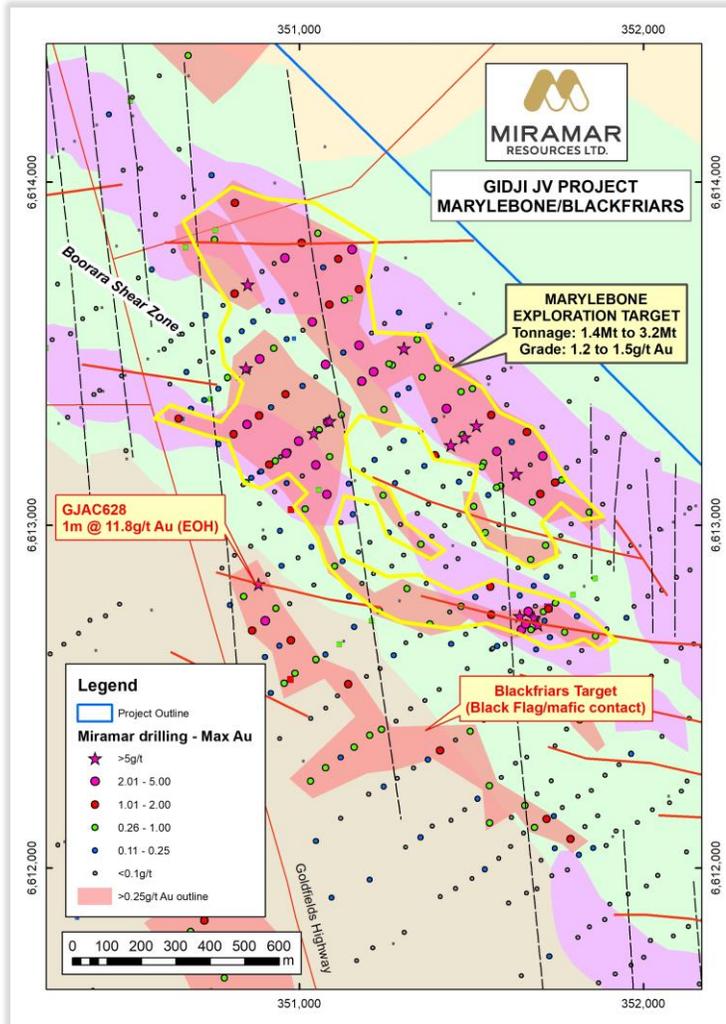
“The cheapest house on the best street”

- Strategic land position within major regional structure – **Boorara Shear Zone**
- 15km N of Kalgoorlie via major highway
- Multiple large aircore gold footprints +/- bedrock targets
- Extensive shallow “Exploration Target” outlined at **Marylebone***
 - **1.4 to 3.2 Mt @ 1.2 to 1.5 g/t Au***

* See ASX Release dated 2/2/2023

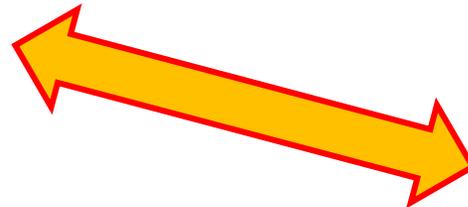


Gidji JV – Marylebone and Blackfriars

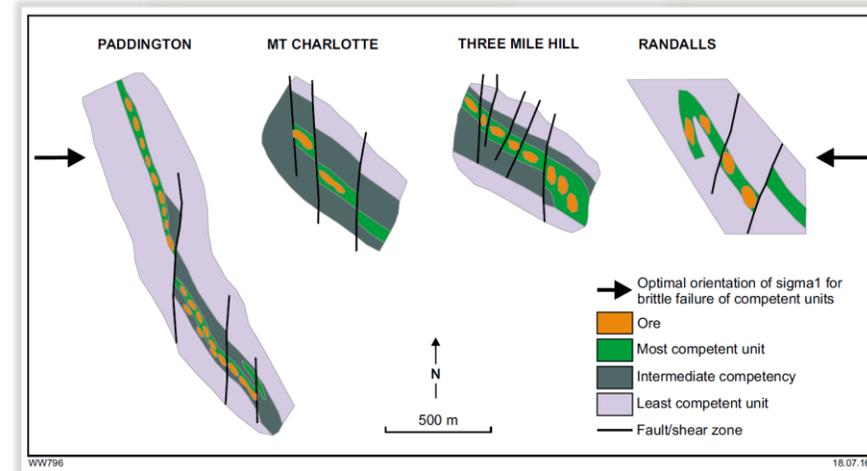


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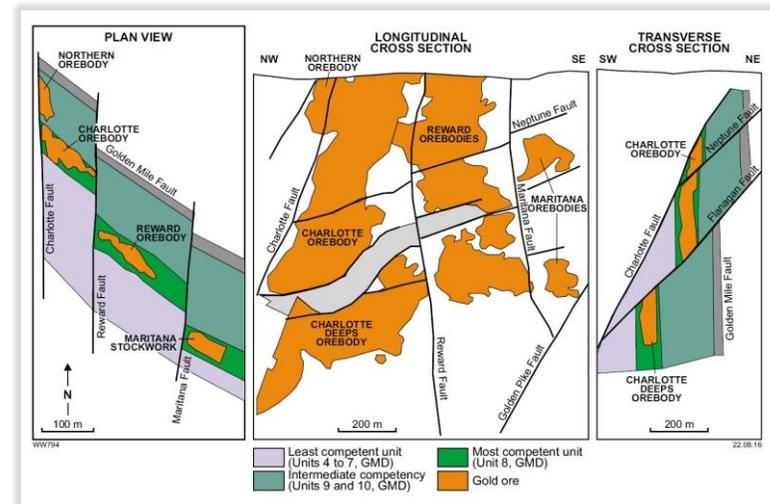
- Geology
- Structure
- Scale



* See ASX Release dated 2/2/2023



Witt, 2016



Mount Charlotte

Witt, 2016

Glandore



- 5km long aircore footprint on salt lake
- 40km E of Kalgoorlie
- Multiple **high-grade gold** intersections
- Magnetics and further DD planned

