Middle Island
RESOURCES LIMITED

ASX Release - 24 June 2024

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INVESTOR PRESENTATION

Middle Island Resources Limited (**ASX:MDI**) (**MDI**) wishes to inform the market of an investor presentation to be made by its CEO, Roland Bartsch.

This presentation will be available on the MDI website.

Authorised for release by **Roland Bartsch, CEO**

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EMERGING PROVINCE OPPORTUNITY

Middle Island
RESOURCES LIMITED

Barkly Copper-Gold Super Project

Investor Presentation June 2024

Key Investment Highlights

Barkly Super Project
Single district, high value, exploration focus

- Iron Oxide Copper Gold (IOCG) e.g. Warrego and Juno (NT), Ernest Henry (QLD), Olympic Dam (SA)
- Sediment Hosted ±Cu-Ag-Pb-Zn e.g. McArthur River – HYC (NT), Mt Isa, Lady Loretta (QLD)

Commanding land position in NT – an underexplored province

- East Tennant – potential for giant copper-gold and copper-silver-lead-zinc deposits
- Tennant Creek – home to some of Australia's highest grade gold-copper mines

Pathway to success from large portfolio of greenfield targets

- Methodical approach to target generation provides best chance of discovery
- Exciting pipeline of drill targets

Early stage, undervalued exploration investment opportunity

- Land position and potential upside of the identified portfolio of targets not recognised in MDI market value
- Positioning for growth through multi-commodity exploration and target generation – Porphyry Copper Gold and Epithermal Gold(QLD)

Drilling Activity Planned & Government Co-funded

- Active exploration programs underway
- Government to co-fund drilling at Barkly

Highly experienced and passionate Board and Management

- Proven track record of driving successful exploration, discovery and mine development
- IOCG and covered terrane exploration expertise

Corporate Overview

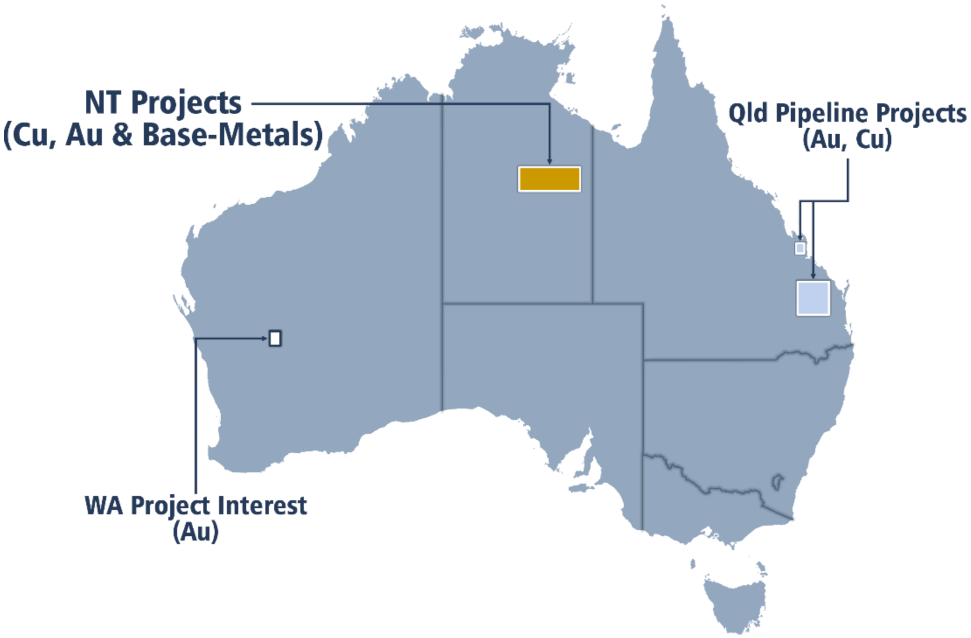
Corporate Structure

Shares on Issue	**217.7M**
Share Price (21 June 2024)	**$0.013**
Market Cap (21 June 2024)	**$2.8M**
Cash (as at 31 March 2024)	**$2.07M**
Investments 40,495,488 shares in ASX: AUN (based on closing price 21 June 2024)	**$1.54M**
Debt	**NIL**

Major Shareholders

Directors	**~4%**
Institutions	**~10%**
Top 20 Shareholders	**~57%**

Portfolio Overview



Board and Management

Experienced, well-rounded Board and Management team

Peter Thomas LLB, B.Juris ,
Non-Executive Chairman

Practicing solicitor from 1980 until June 2011, specialising in the provision of corporate and commercial advice to explorers and miners. Significant board experience since 1980s including founding chairman of Sandfire Resources NL, non-executive founding chairman Emu Nickel NL and NED Image Resources, of which he was the founding chairman.

Brad Marwood,
Non-Executive Director

Highly experienced mining engineer and resources industry executive with 30+ years experience. Career highlights include bringing the Kipoi (DRC) copper mine into production; completing development of Svartliden gold mine (Sweden). Previous senior roles held at Normandy, Dragon Mining, Lafayette, Moto Goldmines, Perseus Mining and Tiger Resources and is the Chairman of ASX-listed Yari Minerals.

Bruce Stewart,
Non-Executive Director

Involved in global capital markets 30+ years with an emphasis on mining and hard assets. Previous experience includes co-heading Jeffries & Co global hard asset desk in New York, directorships on London listed mining companies, company reorganisation and sale, and various consultancy assignments for funds, investment banks and public and private companies.

Roland Bartsch MSc. BSc. (Hons),
Chief Executive Officer

Geoscientist mining executive with 30+ years experience in mining, project development, resource evaluation and mineral exploration. Global experience includes major mining companies, international consulting groups, and junior miners working on copper-gold, base metal, gold and iron ore projects.

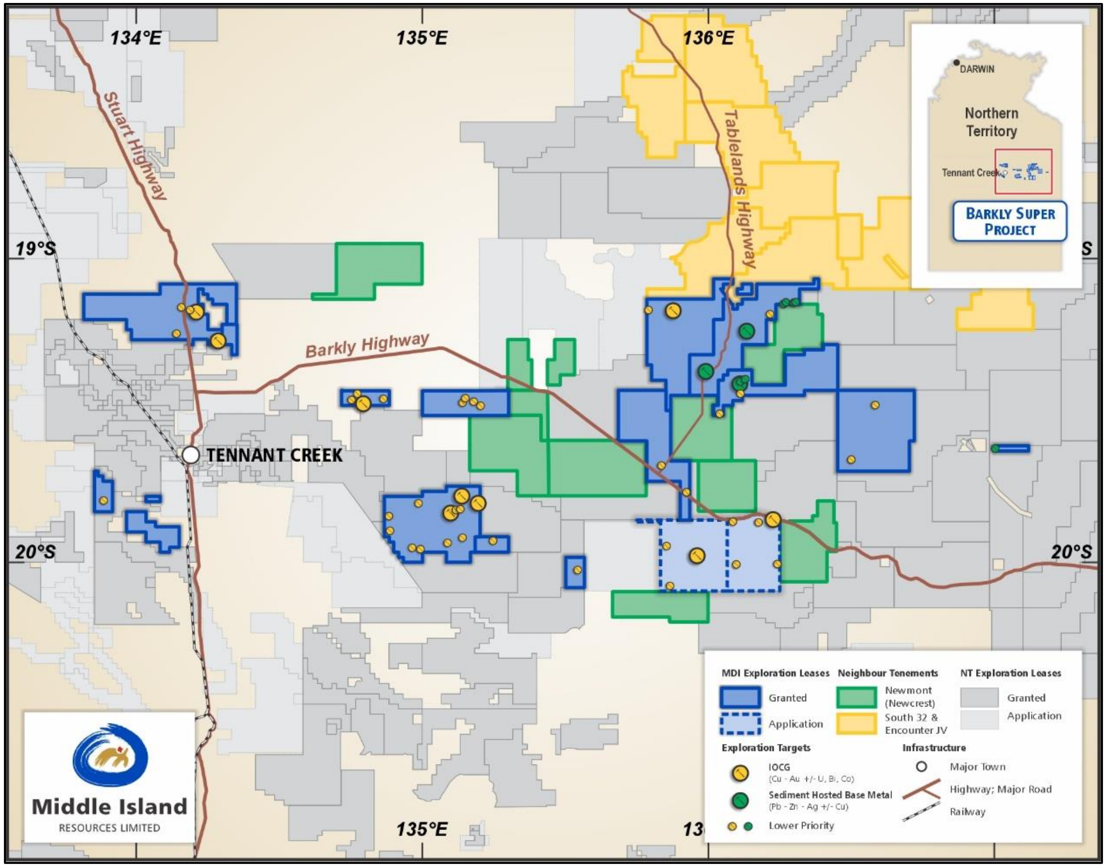
Rudolf Tielemann,
CFO & Company Secretary

Rudolf Tieleman is an accountant with over 25 years' experience in public practice. He has extensive knowledge in matters relating to the operation and administration of listed mineral exploration companies in Australia.

Barkly Copper-Gold Super-Project

Multi Target Super Project

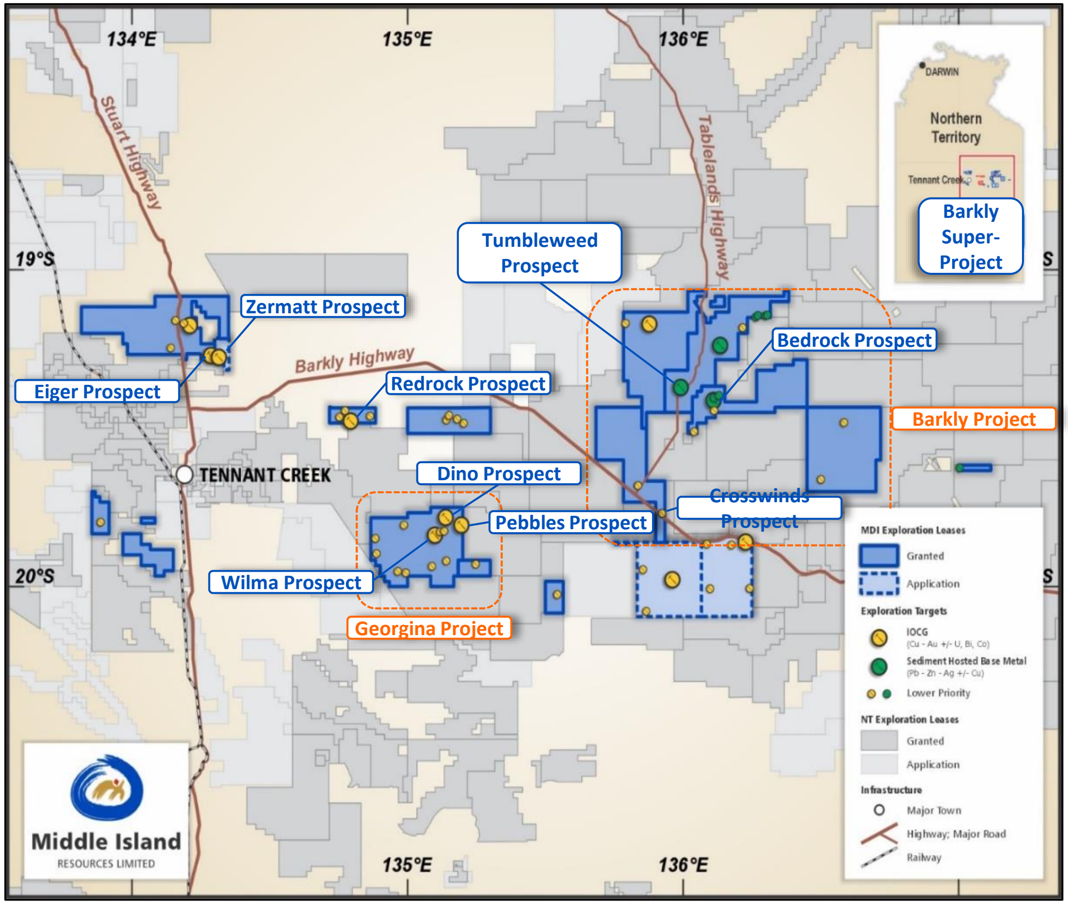
- Built a strategic position
- Permits & applications now 6,918km²
- Targeting **Iron Oxide Copper Gold (IOCG)** and **Sediment Hosted Copper-Silver-Lead-Zinc**
- **50+ targets – 12 high priority**
- Permits adjoin **Newmont, South 32** JV with Encounter Resources and Inca Minerals
- Multiple Projects within the Super-Project - current focus is Georgina and Barkly Project
- $300,000 maximum co-funding from NT Government



Multiple Target Areas

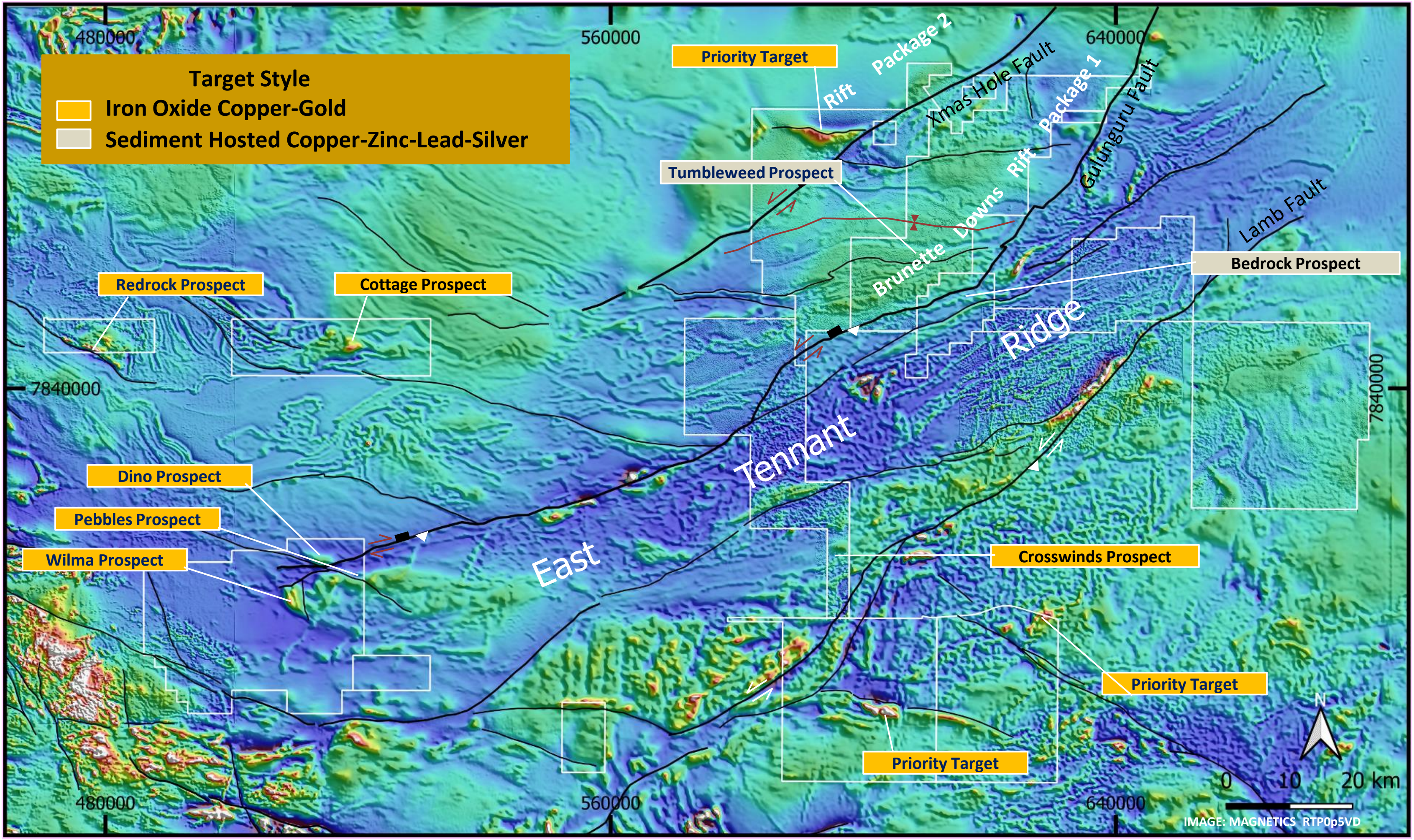
Systematic Exploration

- Targets spread from shallow or no cover areas (west) to beneath Georgina basin cover (~200m depth, east)
- Early-stage exploration reconnaissance drilling completed at two prospects
- Numerous advanced prospects drill-ready
- Advancing additional priority targets with extensive detailed geophysics and modelling



Prospects & Priority Targets

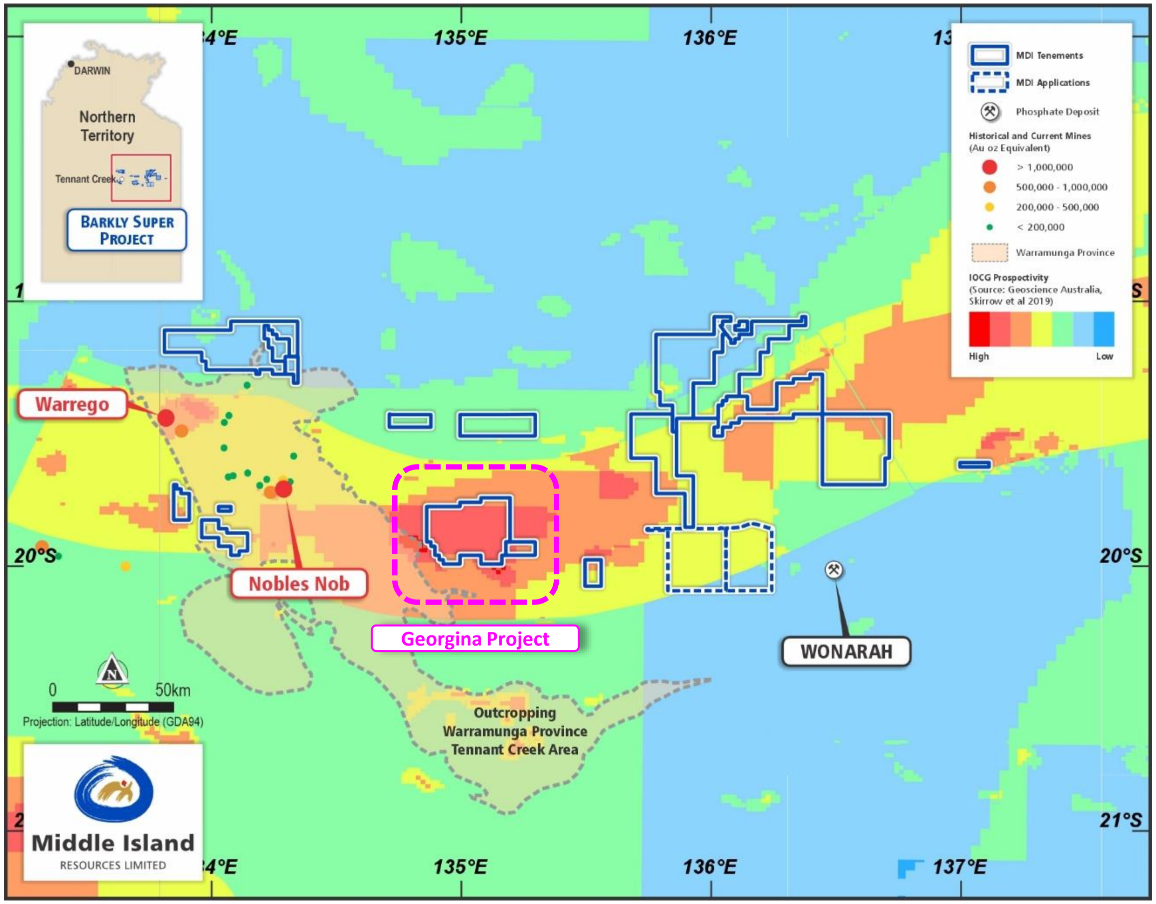
Exploring for two major deposit styles



IOCG Prospectivity

Exploration tenure covers key target areas

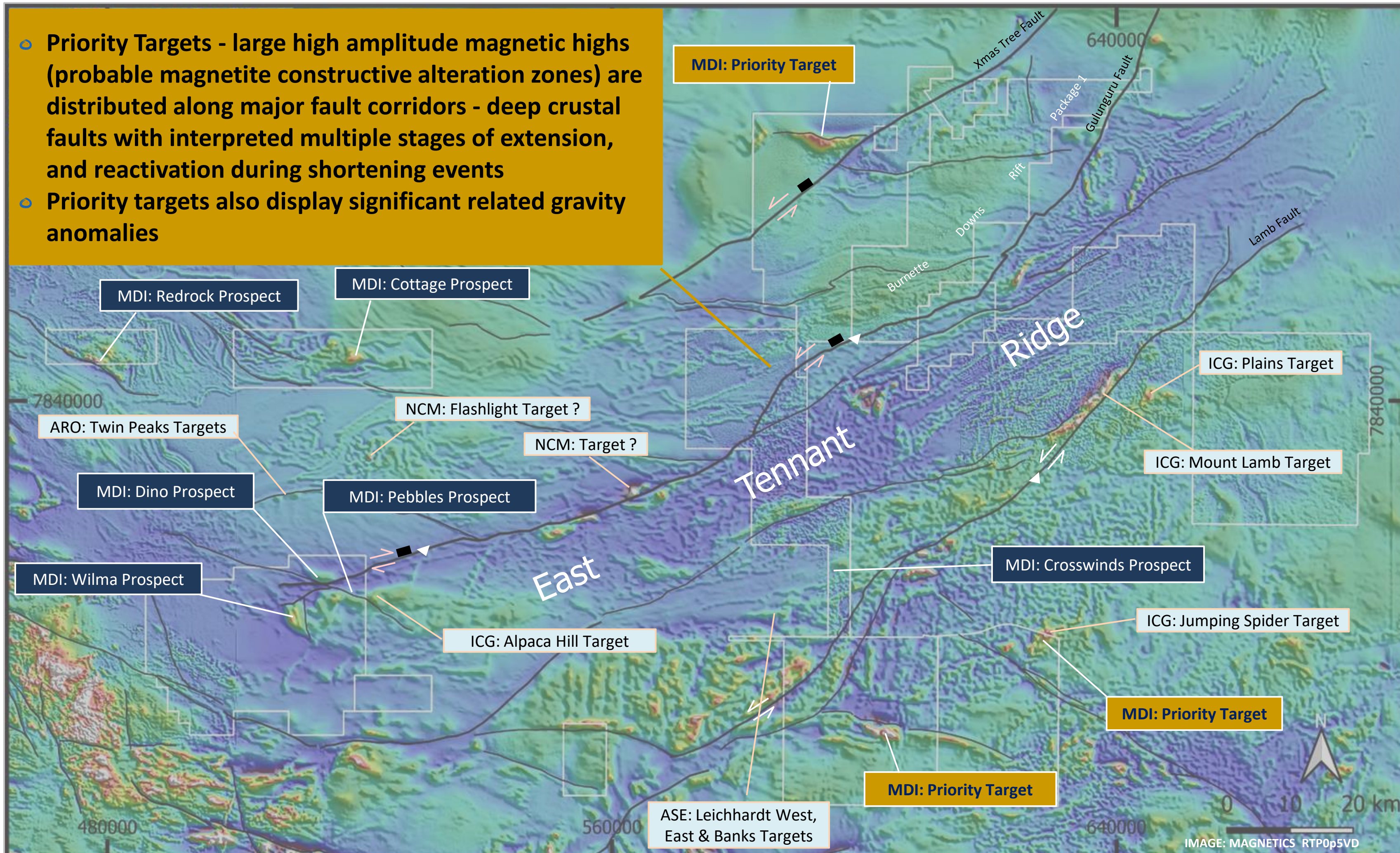
- East Tennant Ridge - identified by Geoscience Australia as a highly prospective belt for IOCG deposits masked by younger cover rock sequences.
- Georgina Project exploration licence extensively covers the more prospective East Tennant area.



IOCG Targets: - East Tennant Ridge

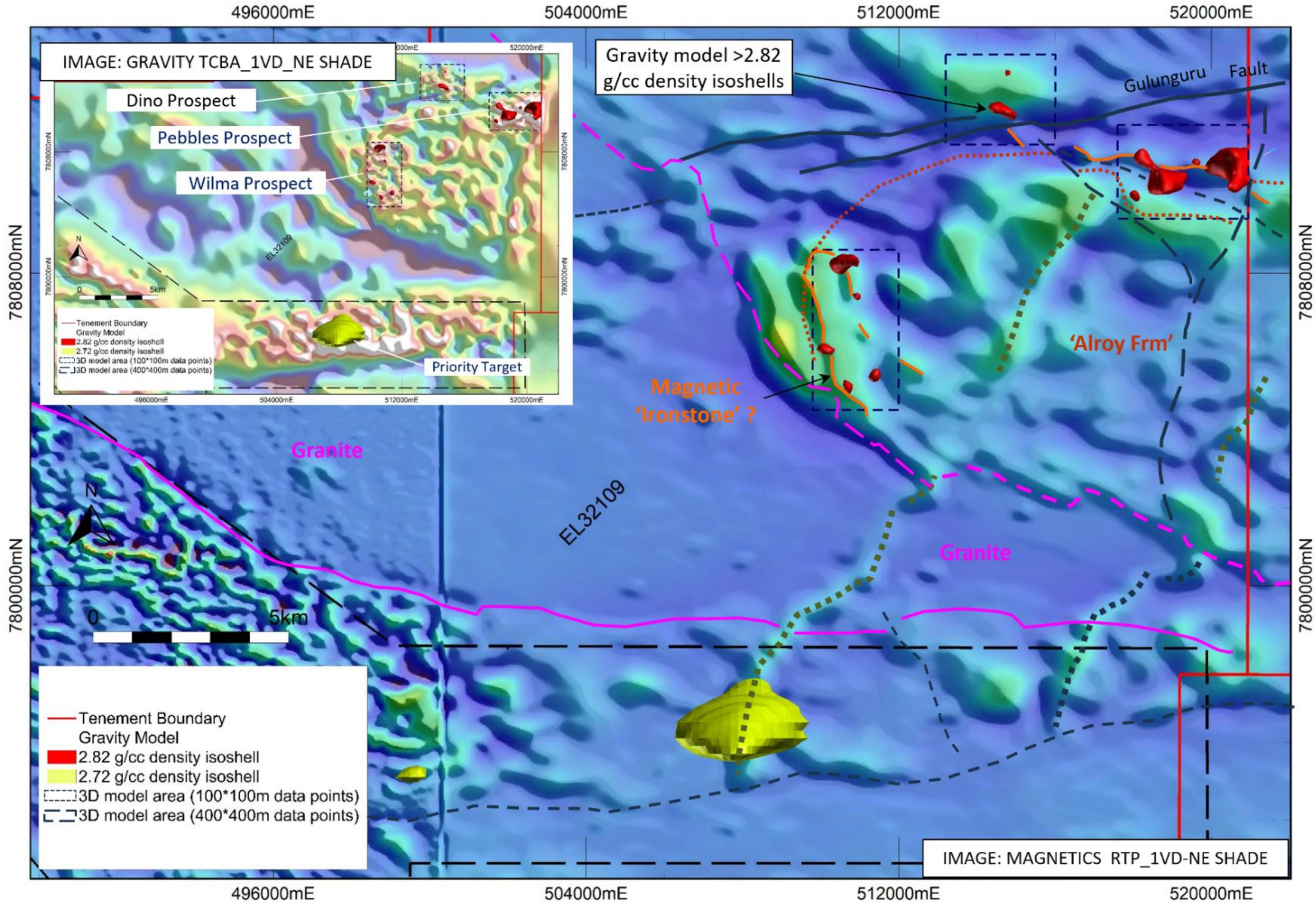
Geophysics identify East Tennant Ridge as a highly prospective belt for IOCG deposits

- **Priority Targets - large high amplitude magnetic highs (probable magnetite constructive alteration zones) are distributed along major fault corridors - deep crustal faults with interpreted multiple stages of extension, and reactivation during shortening events**
- **Priority targets also display significant related gravity anomalies**



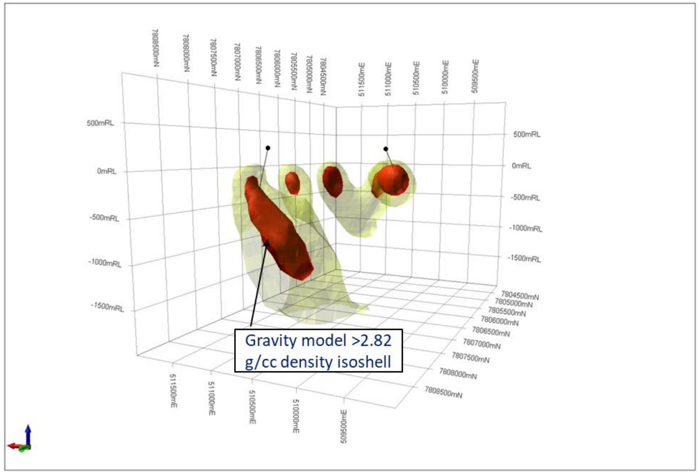
Georgina Project - Multiple Drill Targets

Multiple modelled well-defined density anomalies ('shoots') consistent with IOCG deposits

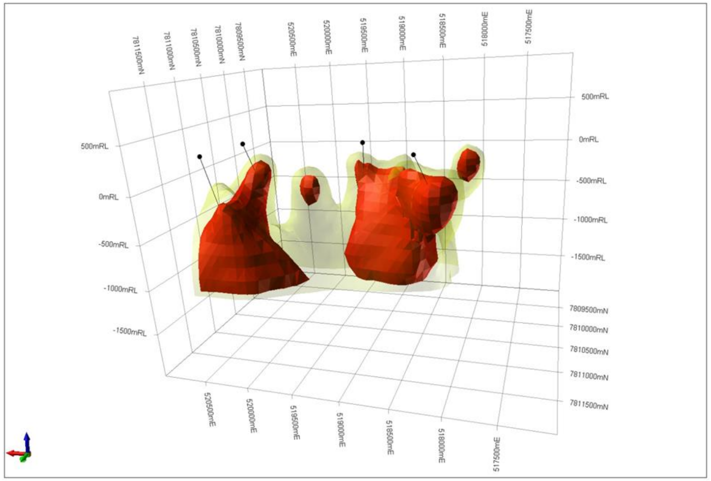


Georgina Project – Multiple Drill Targets

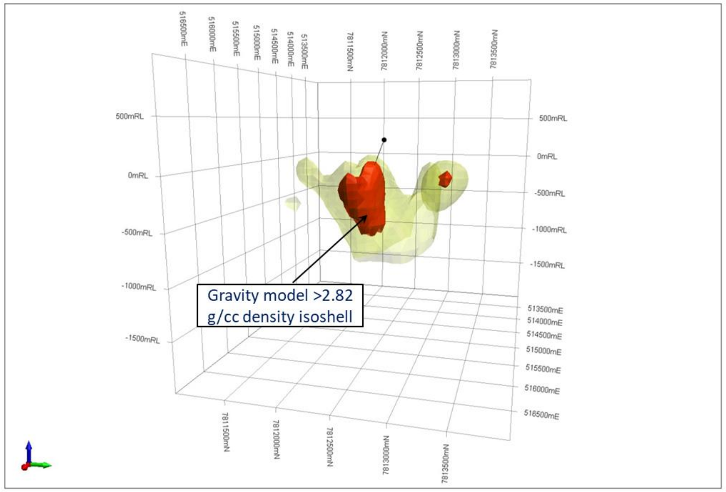
Drill targets identified by detailed gravity 3-D density inversion models



Wilma Prospect (EL32109)



Pebbles Prospect (EL32109)

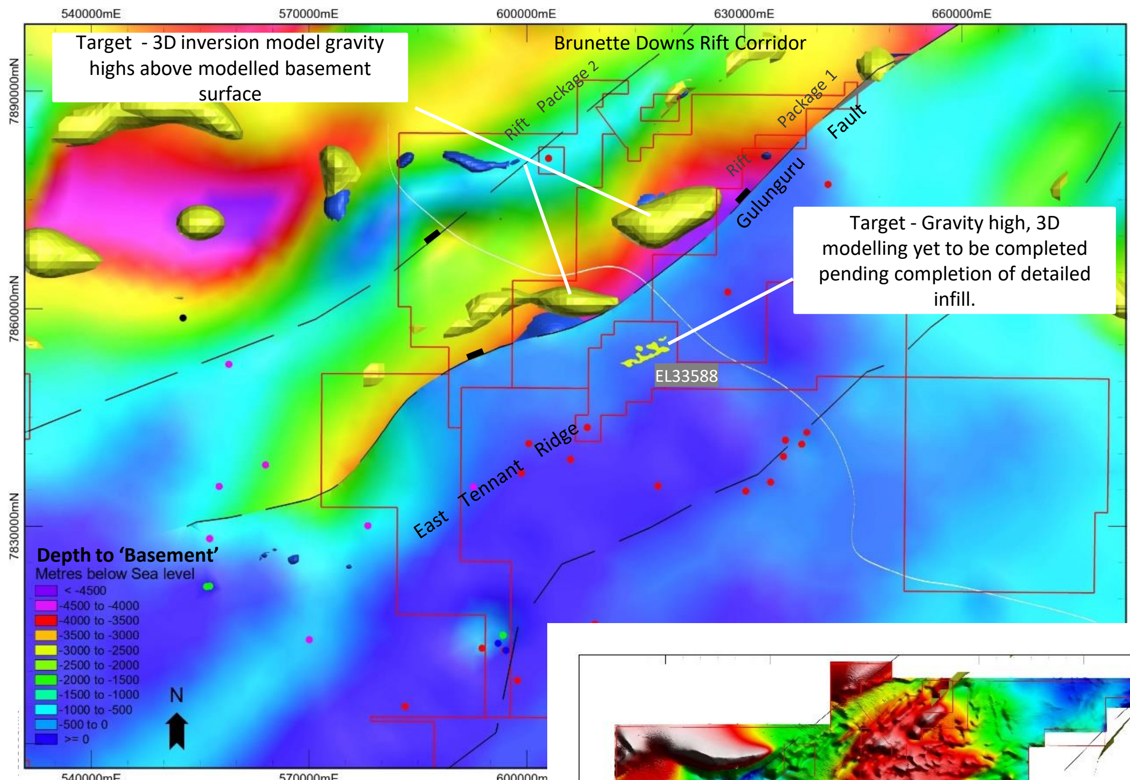


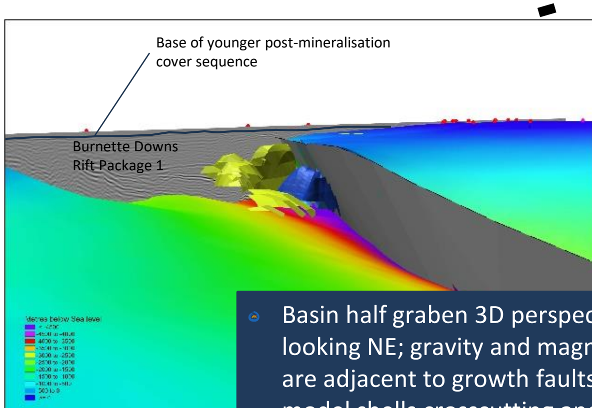
Dino Prospect (EL32109)

Copper-Silver-Lead-Zinc Targets

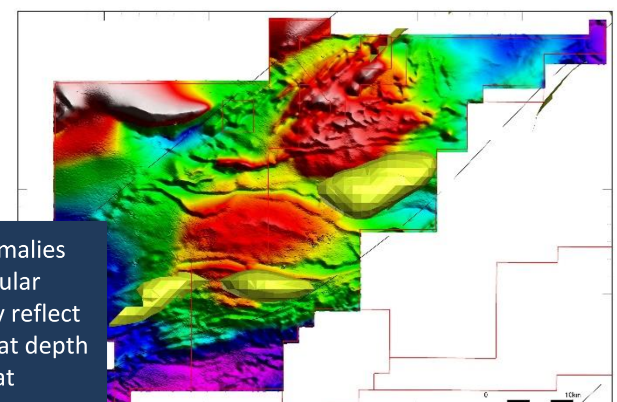
Burnette Downs Rift - Sediment Hosted Base-Metals Targets

- 3D inversion model gravity highs adjacent to long lived growth faults – possible alteration or sulphide mineralisation?
- Rift basin sequences adjacent to faults - Nicholson Group, Isa and Calvert Superbasins - hosts to major deposits in NT/QLD





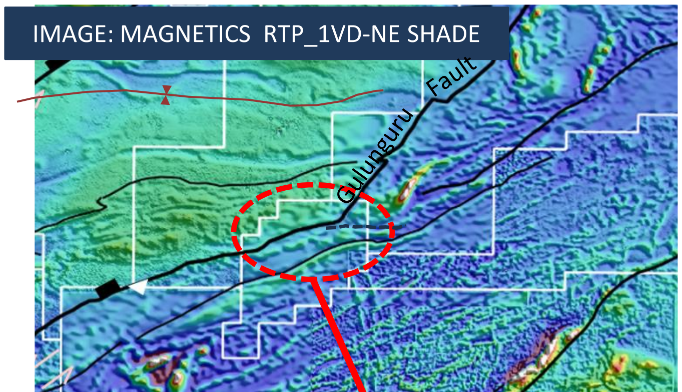
- Basin half graben 3D perspective looking NE; gravity and magnetic highs are adjacent to growth faults, inversion model shells crosscutting and parallel to stratigraphy

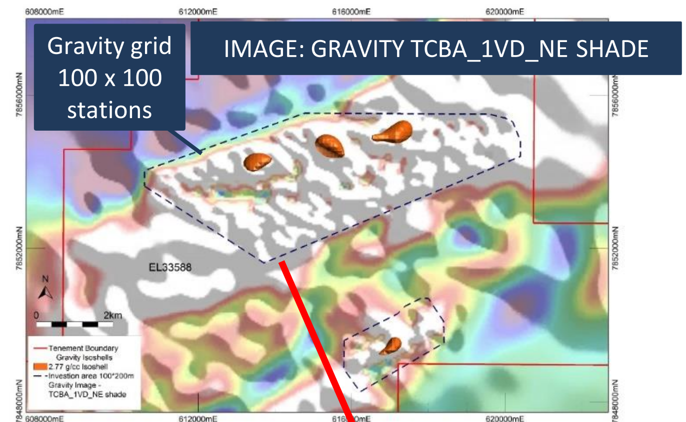


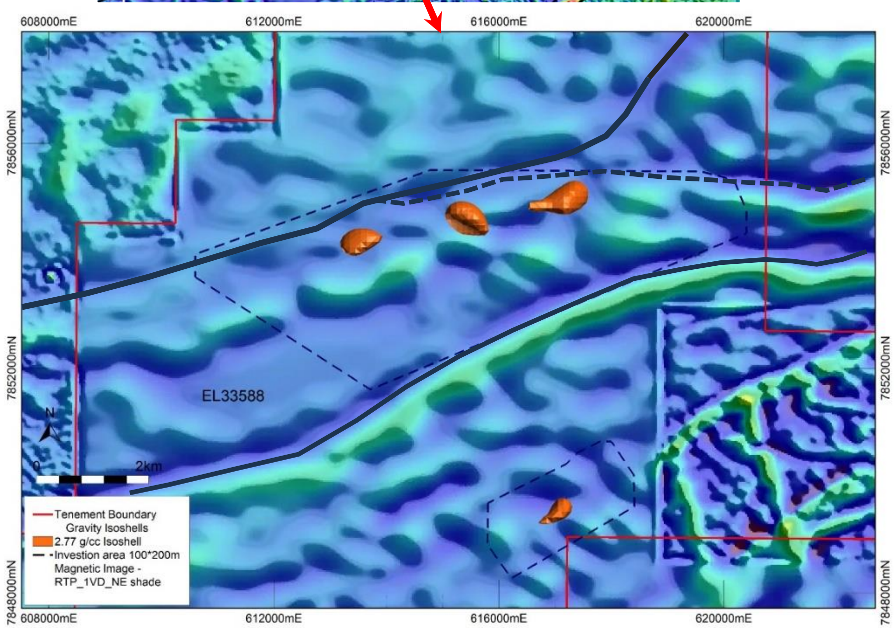
- Magnetics (TMI); gravity anomalies located over the flanks of circular magnetic highs (red) that may reflect thermal plumes or intrusives at depth - potential hydrothermal 'heat engines'.

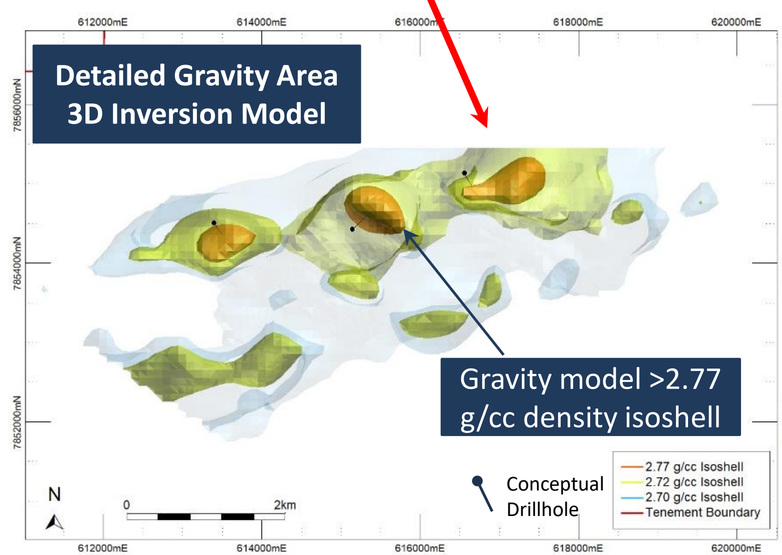
Bedrock Prospect

Bedrock Prospect (EL33588) – Drill Targets



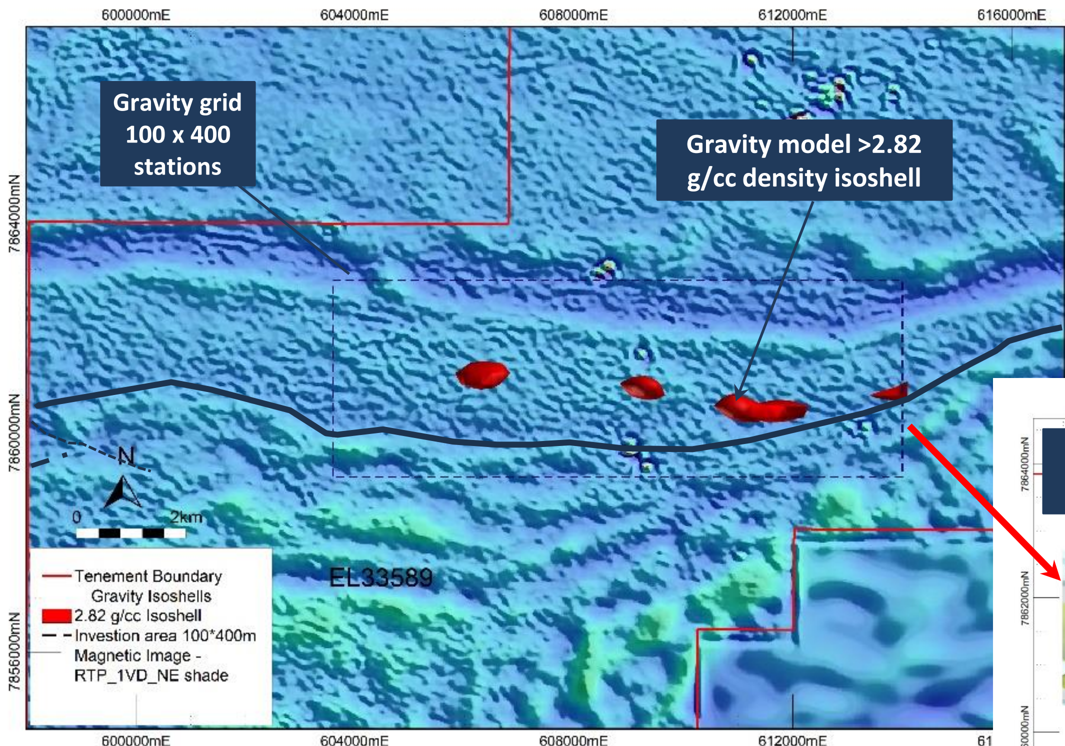


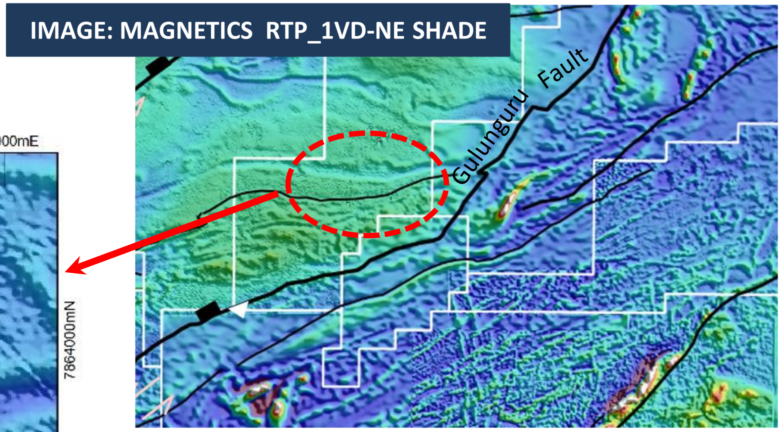


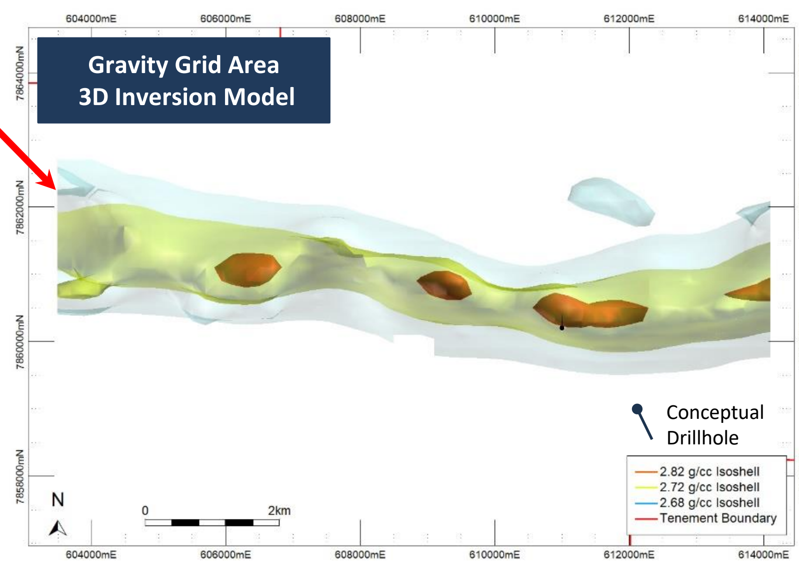


Tumbleweed Prospect

Tumbleweed Prospect (EL33589) - Drill Targets



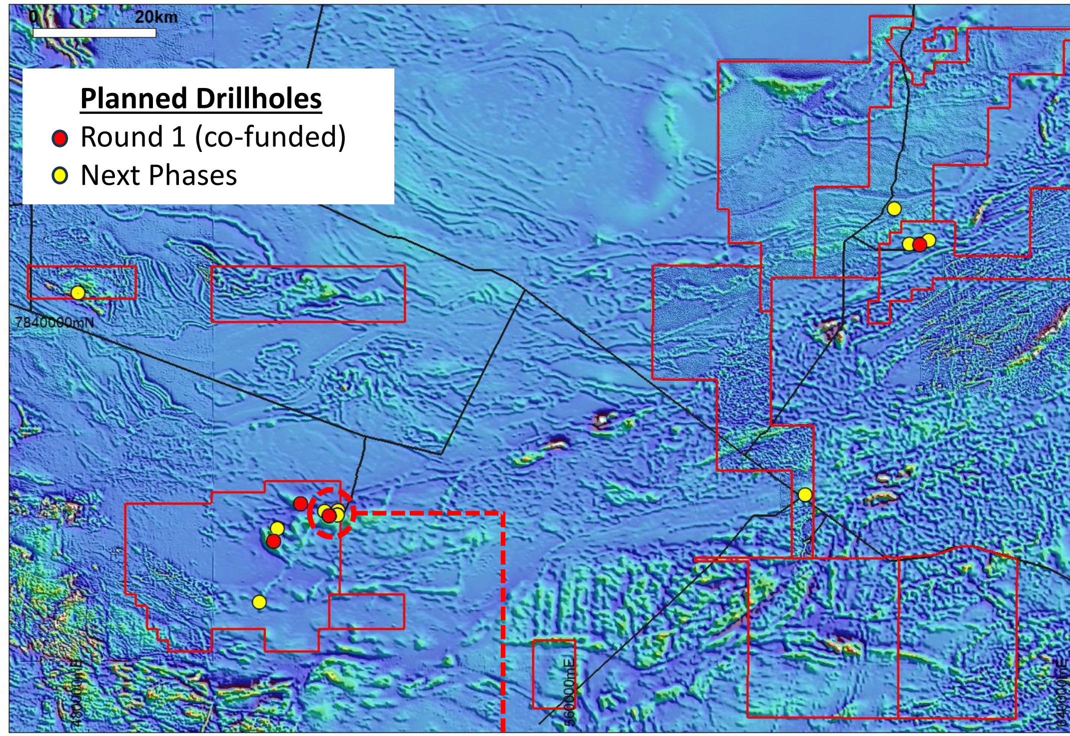




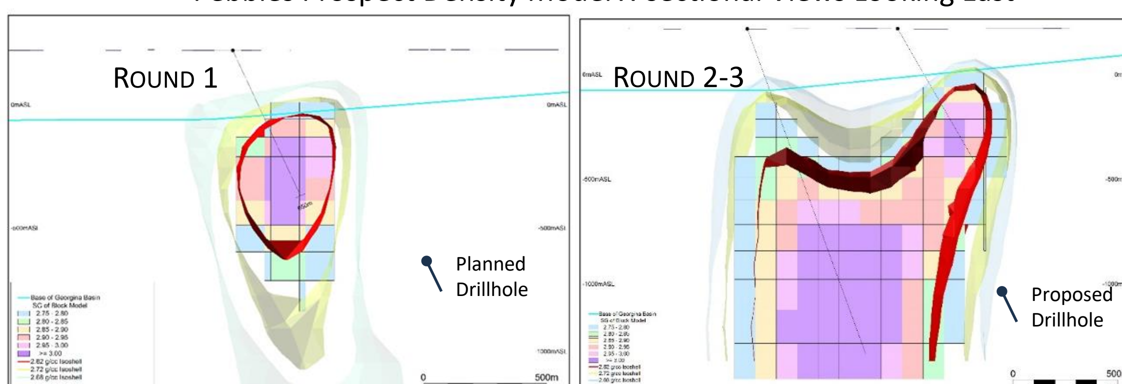
Proposed Drilling – 2H 2024

Proposed Drilling – Advanced Targets

- Priority drillhole list from systematic detailed approach
- Awarded two NT Government co-funding grants $300,000, covering 2 separate areas
- Portfolio of drill rounds
- First round of drilling 3-4 holes; spread across targets
  - 3 IOCG
  - 1 Sed Hosted Base-metal
- Drill hole pipeline
  - First round 2H2024
  - Second round 1H 2025



Pebbles Prospect Density Model X-sectional Views Looking East



Barkly Project - Infrastructure

Tennant Creek

- Airport
- Local Services Support
- MDI Exploration Office
  - Core Yard & Processing Facilities
  - Ensuite Accommodation
  - Vehicles

Barkly Homestead

- An oasis in the sun
- Centrally located to the Barkly Project
- 13 km from the Crosswinds Prospect

Source – www.barklyhomestead.com.au

Summary

Targeting 'blind' discoveries via focused exploration – Copper + Gold

Large 100% owned project in a tightly held highly prospective province

Large portfolio of targets – multiple priority targets advanced to drill readiness

Early stage undervalued exploration investment opportunity

Multiple drill programs planned focused on priority prospects – starting early H2 2024

Highly experienced Board and geological Management Team

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The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of reporting of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which any Competent Person’s findings are presented have not been materially modified from the original market announcements. As new information is obtained the market will be made aware of any changes to the Mineral Resources through the delivery of an original market announcement incorporating the new information.