



Mt Veters

E24/210 Mt Veters – 35 Sub-Blocks (98km²)

Commodity: Gold, Nickel and Rare Earth Elements

ASX:NMR

Project Highlights

E 24/210 Mt Vettors

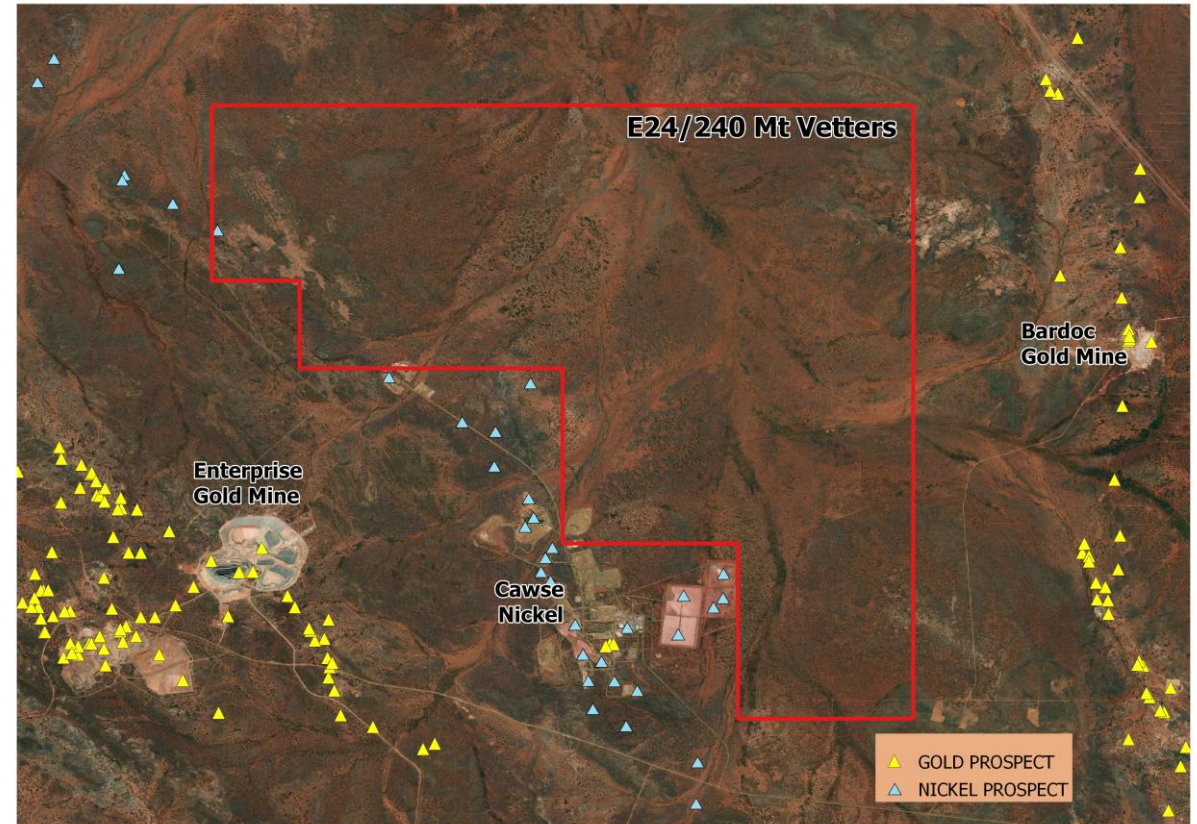
- Located favourably between 2 tectonic belts that host several gold and nickel mines.
- Adjacent to the Cawse Laterite nickel project.
- Abuts Kalgoorlie Nickel's tenements where REE have been identified in drilling.
- Massively under explored tenement with Au, Ni, Li & REE potential.
- Located close to Kalgoorlie allowing for access to
 - ✓ Near to gold & nickel plants for toll treatment options
 - ✓ experienced workforce
 - ✓ laboratories
 - ✓ Drilling companies
 - ✓ logistics

Mt Vettters Exploration Rationale

Commodity: Gold Au & Nickel Ni, Rare Earth Elements REE

Proven Gold Anomalies in Under Explored Terrain

- Mt Vettters lies adjacent to multiple Ni mines and in an area prospective for granite hosted Gold & ultramafic related Ni.
- Mt Vettters lies 50km north of Kalgoorlie & lies adjacent to multiple Ni mines and in an area prospective for granite hosted Gold & ultramafic related Ni.
- Also prospective for Lithium, Rare Earth Elements (REE) including the lanthanide series elements.
- Potential for buried greenstones that have never been historically explored.
- Tenement is close to Kalgoorlie, the heart of mining country in Western Australia.
- Mt Vettters is bounded by two greenstone belts – to the west by the Ora Banda Greenstone Belt and to the east Bardoc Tectonic Zone, a shear system that is connected along strike to the Boulder – Lefroy Shear Zone which contains is most of Kalgoorlie’s gold mineralization which has produced more than 60 Moz gold.

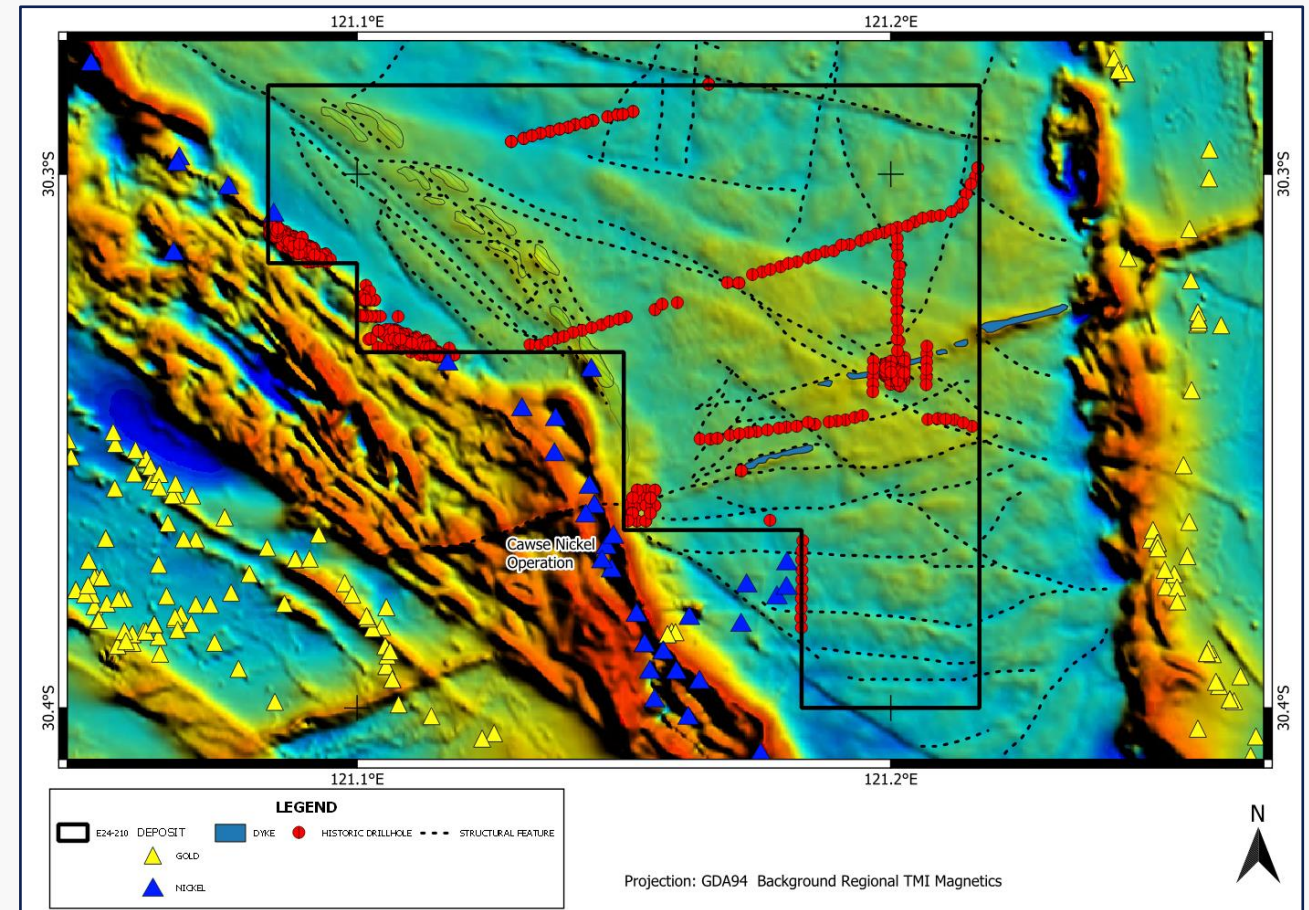


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Adjacent to Major Gold Deposits

- Historical exploration has mainly focused on nickel laterite mineralisation associated with the Cawse nickel deposit.
- Exploration for gold has been limited to minor drilling programs
- Previous drilling has shown anomalous Au mineralisation present within the granite host rock over a 250 m length, with best results of **7 m @ 2.3 g/t Au**.
- Tenement is close to Kalgoorlie, the heart of mining country in the Yilgarn.
- The tenement is close to both nickel laterite treatment plant, as well as the Kalgoorlie nickel refinery.
- Additionally, there are several gold processing plants located within 50km of Mt Veters, allowing for the toll treatment of any gold resource that NMR can identify.



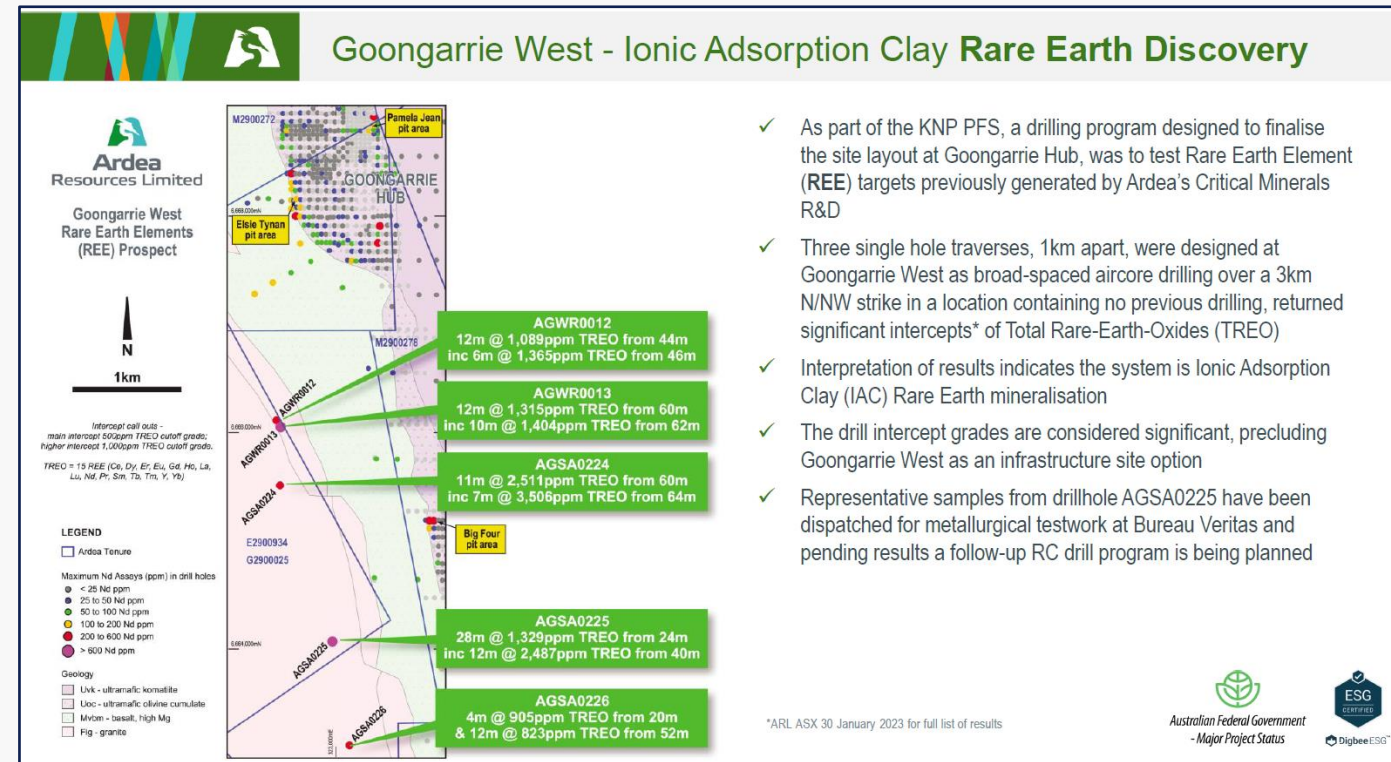
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Rare Earth Elements (REE) Potential

- Mt Vettors is an evolving REE target area.
- NMR aims to delineate the potential for REE's in the north of the tenement where Kalgoorlie Nickel (Ardea Resources) have highlighted significant TREO results in aircore drilling (see adjacent slide).
- Ardea's best drilling results are:
 - ✓ **28m @ 1,329ppm TREO* (from 24m)**
 - ✓ **Inc 12m @ 2,487ppm TREO (from 40m)**
 - ✓ Ardea's AGSA0226 drillhole is located 15km north of the Mt Vettors tenement.
- NMR is targeting a new concept in REE metal concentration within the clay minerals in the catchment of two extremely long-lived erosion and depositional systems, being the Ora Banda Greenstone Belt and Bardoc Tectonic Zone.
- The erosion of the two highly enriched rocks leads to mobilisation & accumulation within the topographic low that is the centre of the Mt Vettors tenement.

* TREO is Total Rare Earth Oxides (Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sm, Tb, Tm, Y, & Yb)



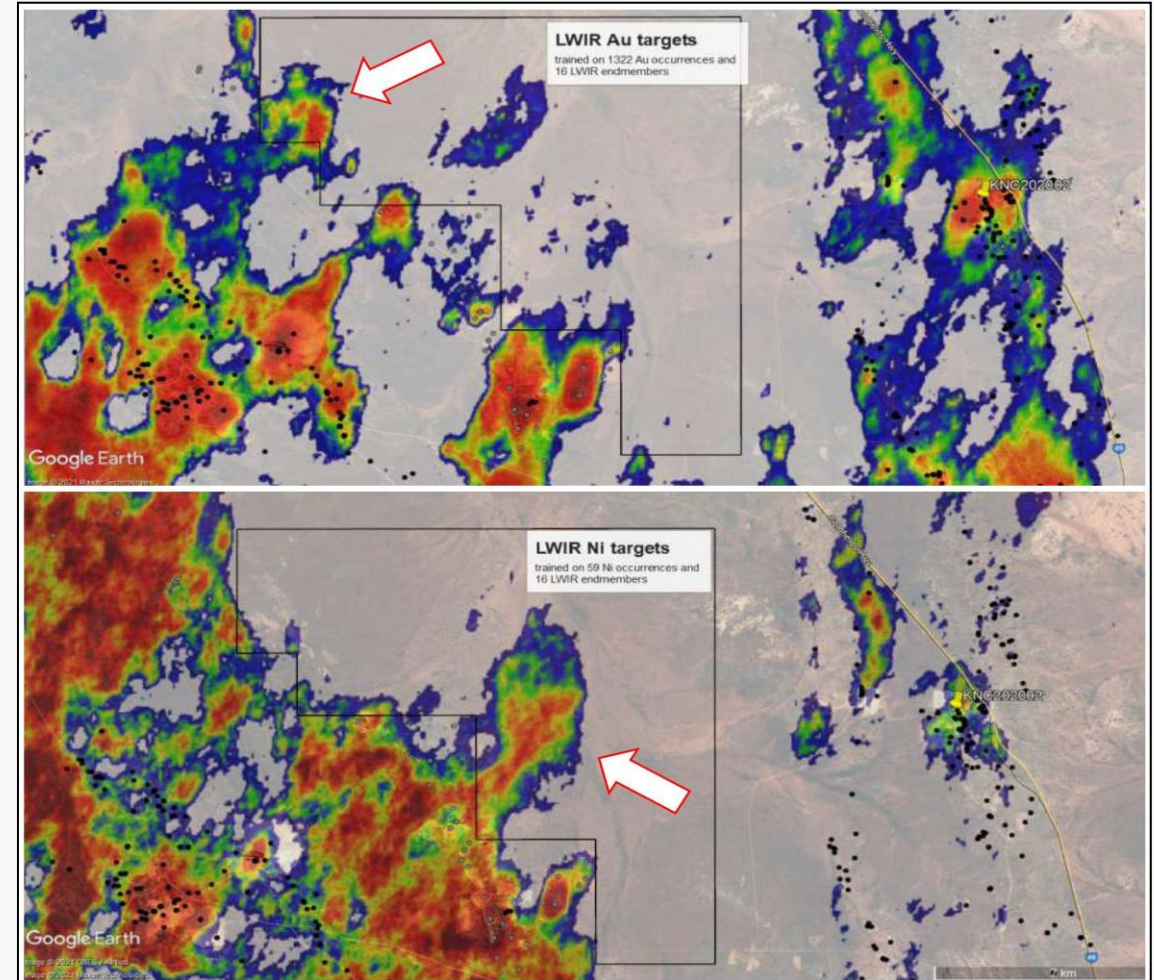
Source: <https://ardearesources.com.au/announcements> Paydirt's Battery Minerals Conference

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Spectral Mapping Potential

- NMR has undertaken Long Wave Infra Red (LWIR) spectral mapping across the Mt Veters tenement
- The LWIR spectral response plots how strong the signal indicates the presence of a mineral/molecule at the surface.
- NMR has focused on Au & Ni responses which are shown in the plots adjacent, with red showing the strongest response.
- The strong positive signal to the west of Mt Veters is in regions where rocks are mostly outcropping and where deposits are already discovered and being mined.
- This work has highlighted two separate areas for potential Au and Ni mineralisation.
- The results support the movement of metal-rich material into the Mt Veters tenement as shown by the arrows.
- This work is still to be ground tested.

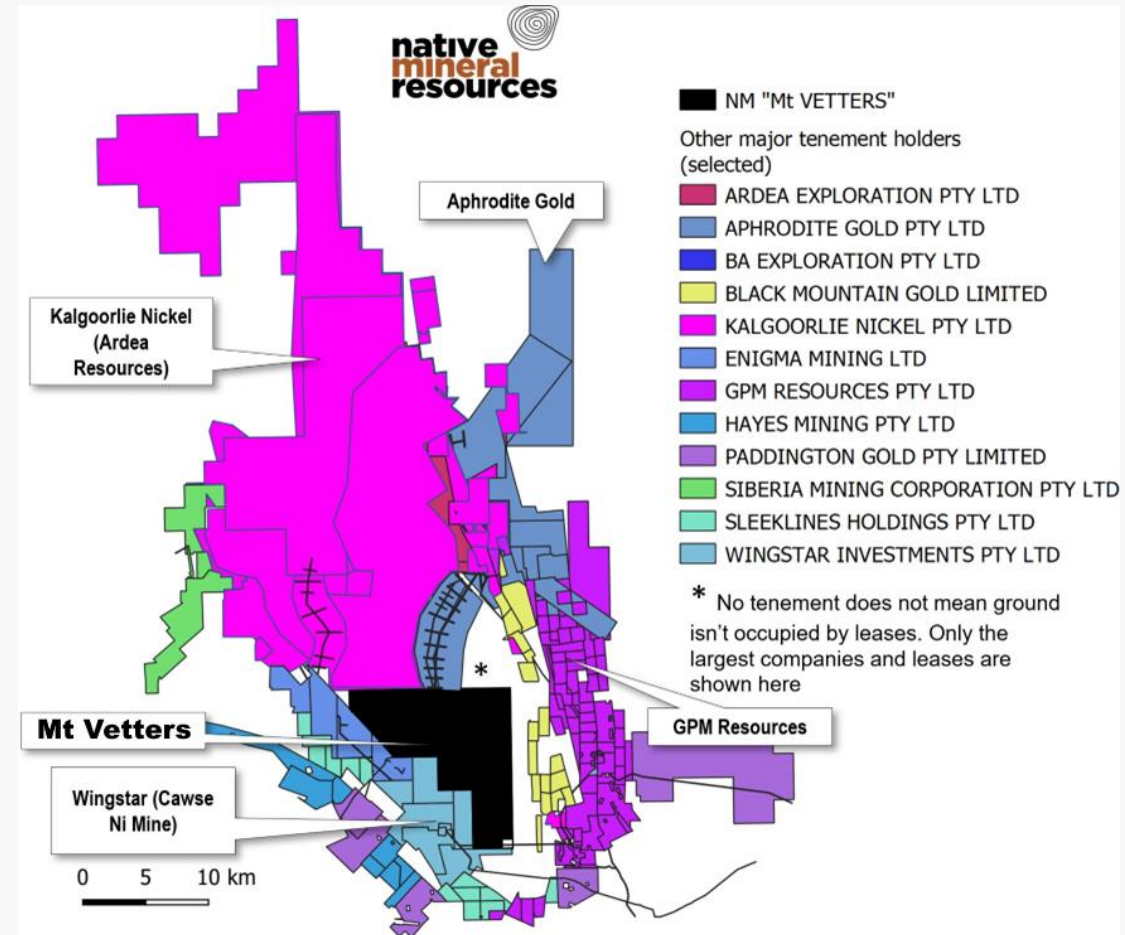


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Mt Vettors's Neighbours

- Area dominated by Kalgoorlie Nickel (Ardea Resources)
- The area is split between nickel and gold focussed companies.
- Kalgoorlie Nickel are currently completing a Prefeasibility Study for its Goongarie Hub which has a resources of **78MT @ 1.0% Ni & 0.069% Co.**



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Authorised to release to the ASX by Mr. Blake Cannavo, CEO.

Competent Person Statement

The information that relates to Exploration Targets and Exploration Results is based on, and fairly represents, information compiled by Mr Greg Curnow, a Competent Person, who is a Member of the AIG and AusIMM. Mr Curnow is the Chief Geologist of NMR. Mr Curnow has sufficient experience in both mining and exploration, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity 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'. Mr Curnow consents to the inclusion of the matters based on his information in the form and context in which it appears.



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