

## PRIORITY AREAS OF Ni-Cu-PGE MINERALISATION TO BE FOLLOWED UP AT NARNDEE & WINDIMURRA

### Highlights

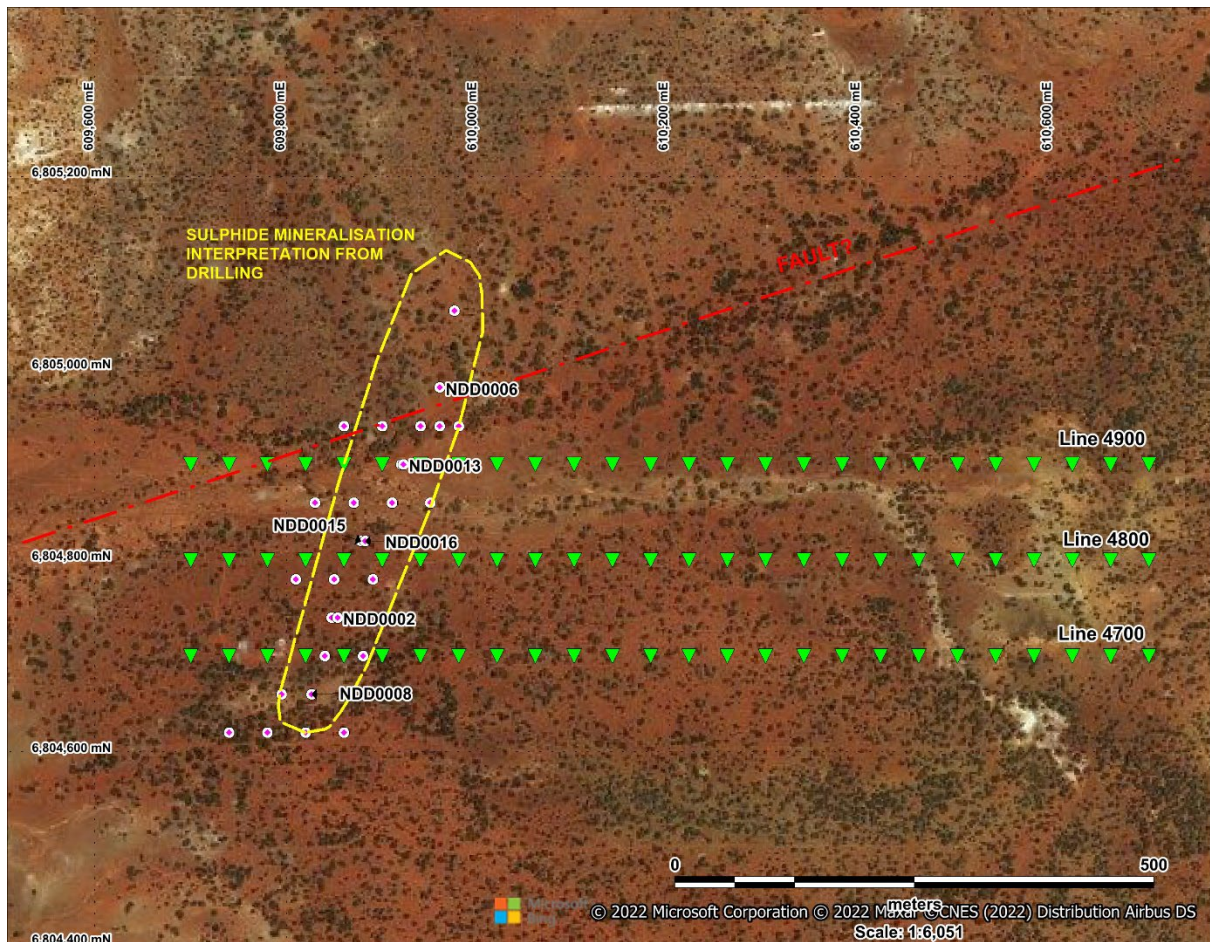
- Review of the Narndee exploration program conducted in 2H 2021 confirms 3 priority areas of Ni-Cu-PGE mineralisation for follow-up
- High powered IP surveys planned over these three Ni-Cu-PGE targets areas from the reinterpreted EM and past drilling results
- IP survey planned for the northern Wyemandoo project area based on magnetic and structural targets that have similarities with known Ni-Cu mineralisation in the Windimurra Igneous Complex.
- Subject to IP results drilling is targeted for 4Q 2022.

Aldoro Resources Ltd ("**Aldoro**", "**The Company**") (**ASX: ARN**) is pleased to announce that it has spent considerable time assessing the results of the Narndee Ni exploration program and that following that review has identified three areas for induced Polarisation (IP) surveys targeting potential Ni-Cu-PGE mineralisation. The Narndee Ni-Cu mineralisation model is similar to that successfully demonstrated by the Callisto Ni-Cu deposit in the Fraser Range held by Galileo Mining Limited (**ASX: GAL**, 3 August 2022). In addition, the IP will be conducted over the northern covered area at the Wyemandoo Project where structural interpretation of the aeromagnetic data suggests potential for Ni-Cu mineralisation similar to that found at the nearby Canegrass Ni Project, WA. Subject to IP results it is envisioned a rig will be contracted in the 4<sup>th</sup> quarter to test the deeper targets at both projects.

### Narndee Project

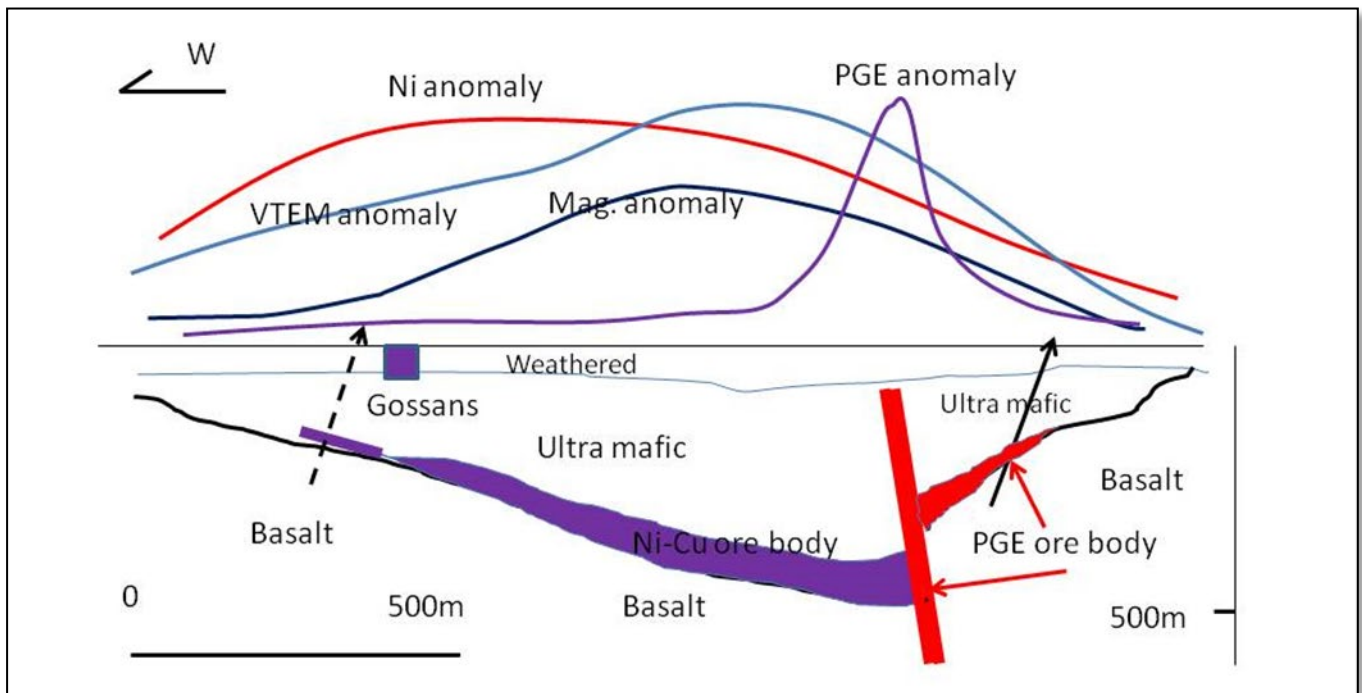
**Target 1:** The planned East-West survey lines cover the previous drilling at VC01 and an area to the east. At VC01, Ni-Cu mineralisation was intersected (up to 2.9m @0.92%Ni and 0.40% Cu in hole NDD0008) at the base of the ultramafic cumulate where they interface with mafics (including sediment) this contact appears to dip to the east. It is interpreted that the mineralisation may thicken to the east, applying three IP lines extending 1km to the east will test this mineralisation model.

The model places that the thickest sulphide ore is likely to be present in a zone at the base of the magma chamber through gravity segregation and the PGE geochemical anomalies may indicate a late-stage fault-controlled ultramafic intrusive. Previous drilling indicates deeper offset(?) intersections to the north where a possible NE-SW striking fault causing a rapid change in lithological depths and that its presence is possibly supported from the aeromagnetic interpretation. Figure 1 displays the proposed three IP lines with stations at 40m over 1000m, which may provide IP soundings to 800m depth.



**Figure 1:** Planned I.P. Sounding stations of Target 1

**Target 2:** Is located 500m to the north of Target 1 and is based on a very strong aeromagnetic anomaly associated with VTEM and the PGE geochemical anomalies as well as surface gossans. The model for this location is shown in Figure 2 with basal Ni-Cu ore body at depth with a faulted offset with possible associated PGE's mineralisation.

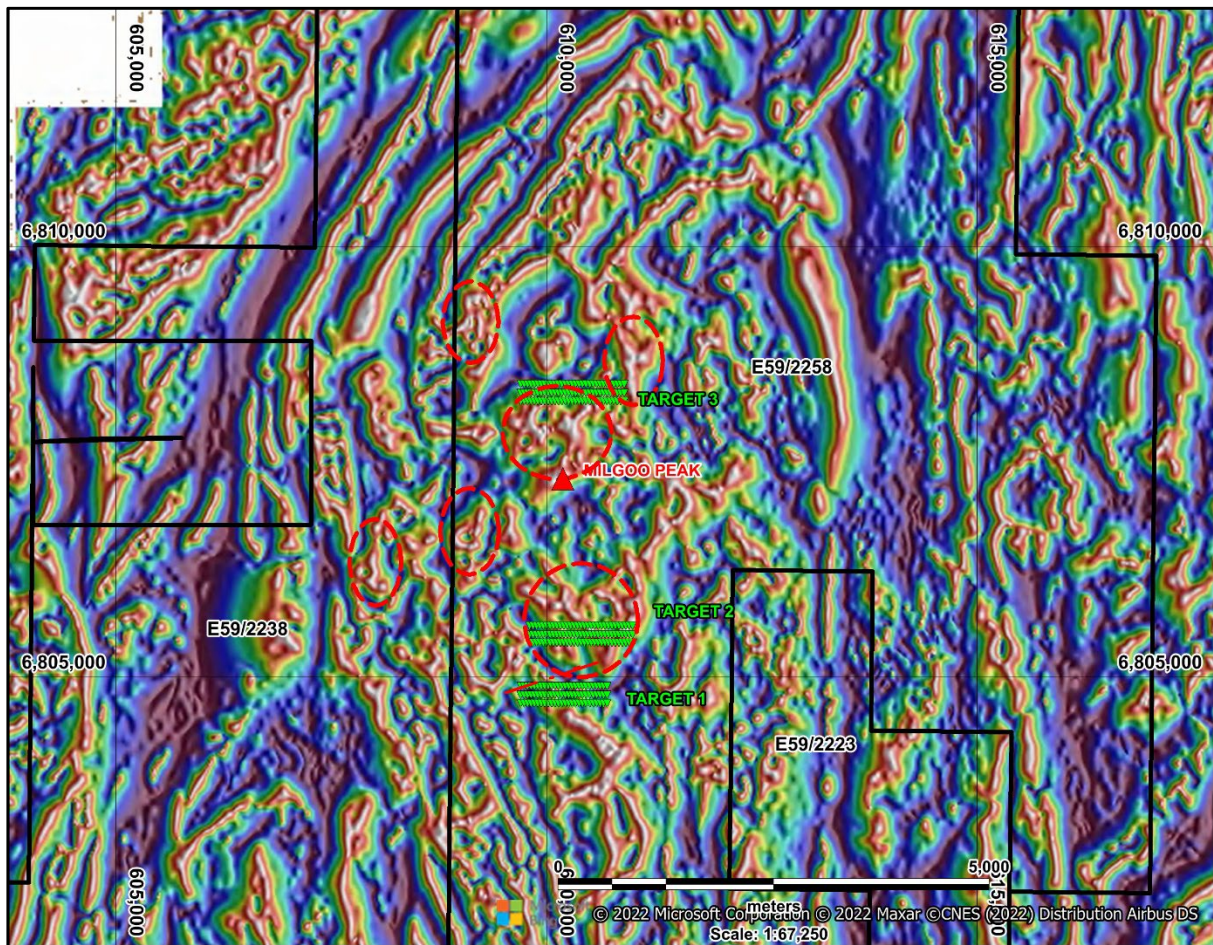


**Figure 2:** Interpreted geological cross section of Line 5500N

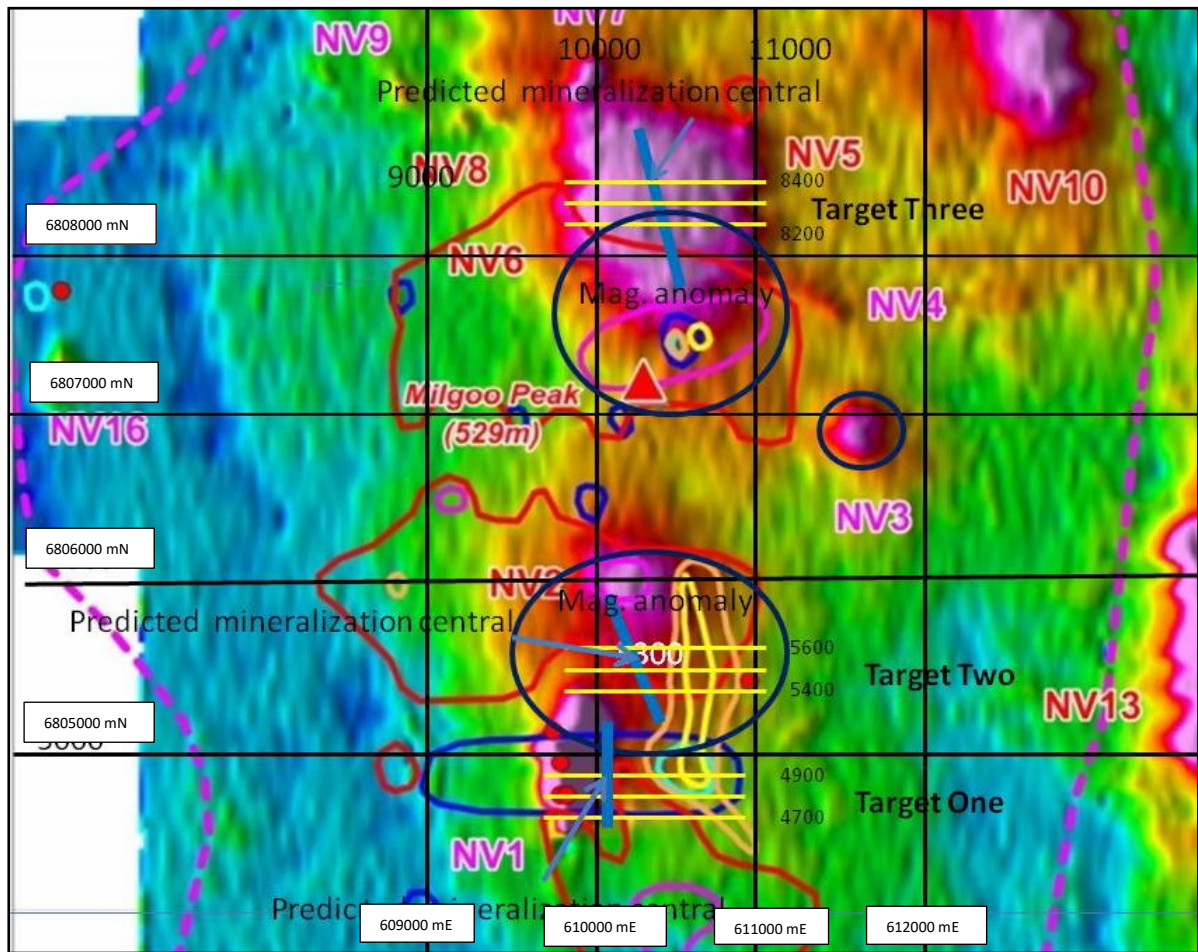
**Target 3** is located 2600m to the north of Target 2 and forms the southern part of a large, strong VTEM anomalies with overlapping aeromagnetic anomaly and includes Ni geochemical anomalies. It is interpreted that the sulphide body could be significant deeper than Target 2 and as such three 1200m east west lines are proposed with 31 stations. Given the depth that may be involved, this survey will only be conducted if Target 2 resolves conductive anomalies at depth.

The survey lines over the 3 targets are presented in Figures 3 to 5.



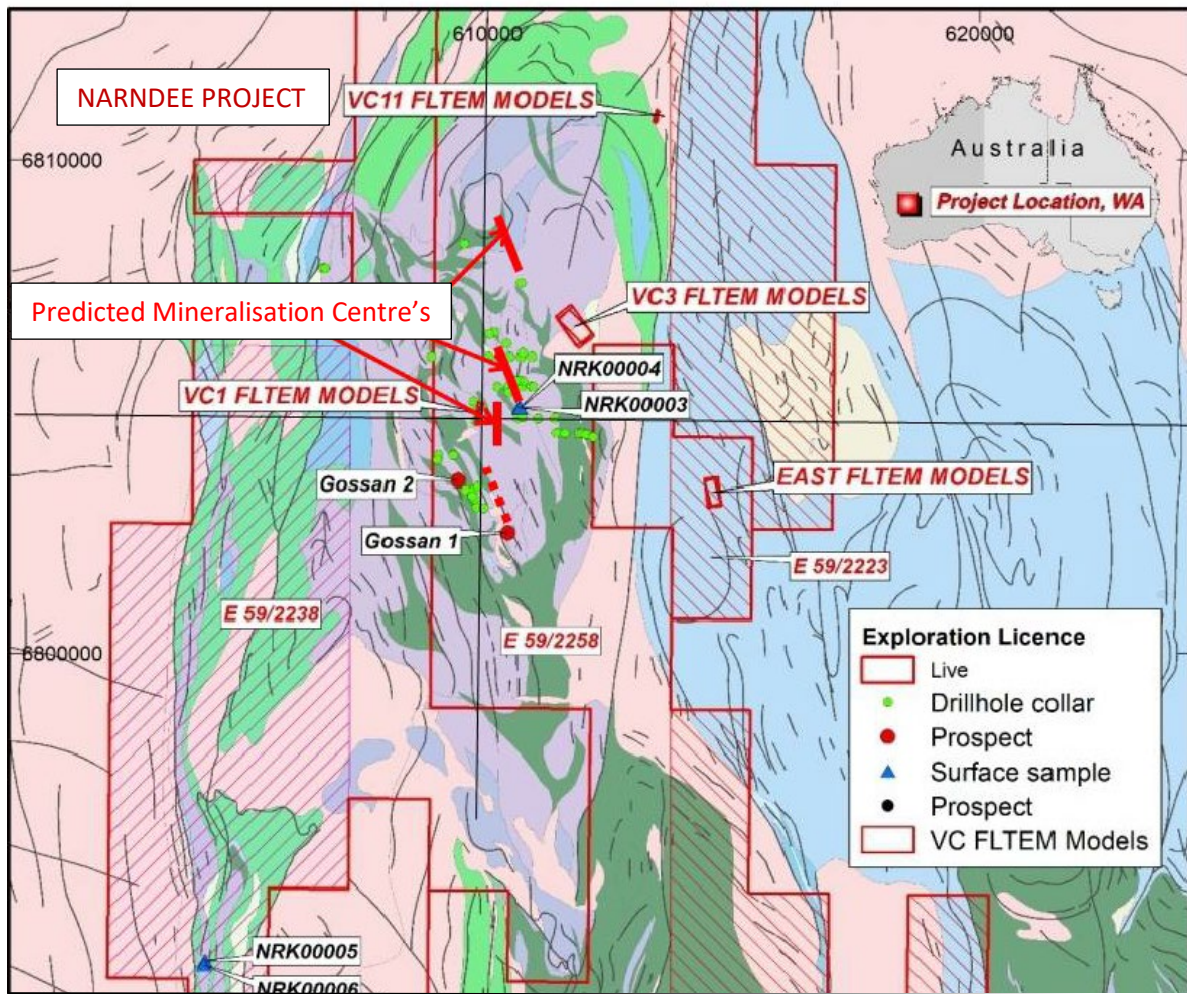


**Figure 3:** Planned I.P. Sounding lines on the Magnetic anomalies in the Narndee prospect



**Figure 4:** Planned I.P. Sounding lines on the VTEM anomalies in the Narndee prospect



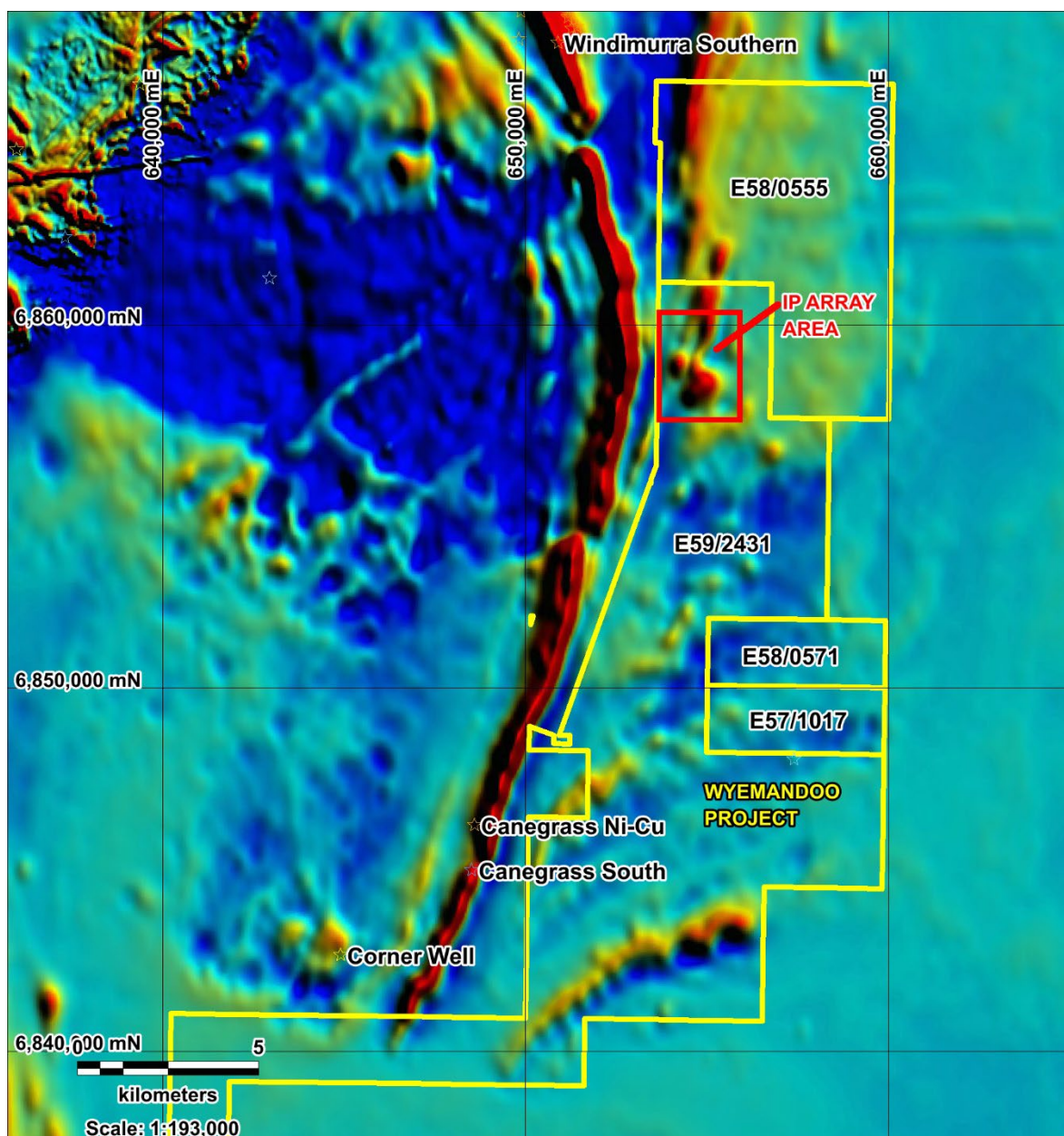


**Figure 6:** Targets on the geological map, note the targets lie in the purple, mapped as ultramafic

### Windimurra Project

A proposed Gradient Array I.P. survey is planned over an area about 5 km<sup>2</sup> in the northern part of the Wyemandoo project, refer to Figure 7. The target is based on magnetic features offset from the major NNE-SSW magnetic linear associated with Huntsmen's Canegrass Ni-Cu anomalies.

In conjunction, a soil sampling program is currently being planned over the high rechargeability anomaly areas. The exploration target within this area is still the nickel sulphide style of deposit.



**Figure 7:** Proposed IP array survey area in the northern part of the Wyemandoo Project. TMI image backdrop

**ENDS**

#### **Competent Person Statement**

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). It has been compiled and assessed under the supervision of Mark Mitchell, technical director for Aldoro Resources Ltd. Mr Mitchell is a Member of the Australasian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Mitchell consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.



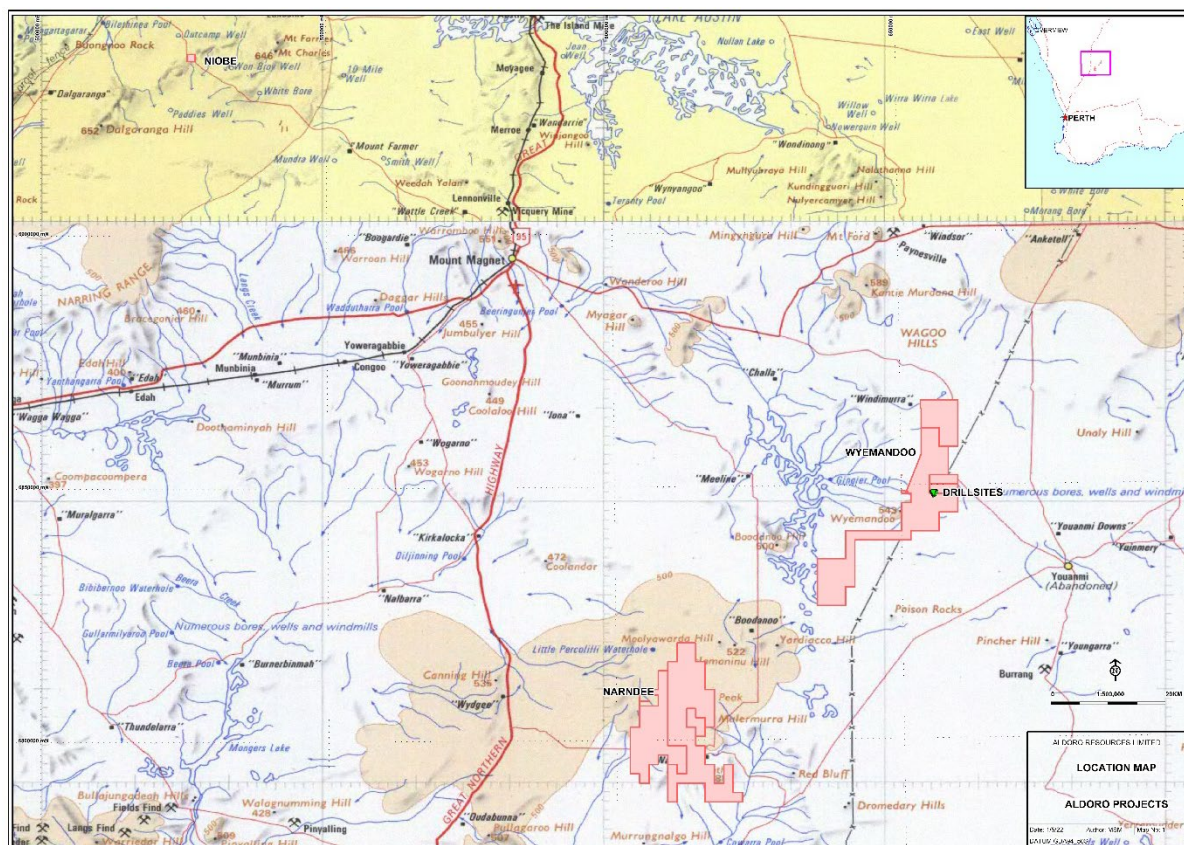


Figure 1. Location of the ARN landholding over the Murchison Terrane

### About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (**ASX: ARN**) mineral exploration and development company. Aldoro has a portfolio of lithium, rubidium and base metal projects, all located in Western Australia. The Company's flagship projects are the Wyemando lithium-rubidium-tungsten project and the Niobe lithium-rubidium-tantalum Project. The Company's other projects include the Narndee Igneous Complex, which is prospective for Ni-Cu-PGE mineralisation.



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*This announcement was approved for release to ASX by the board of Aldoro Resources*