

# ASX RELEASE

**ASX Announcement**  
11<sup>th</sup> December 2023.

**Catalina Resources** is an Australian diversified mineral exploration and mine development company.

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## Exploration Update Laverton Project

### Highlights

- Approval for planned drilling at Exploration Licence E38/3697 granted by Department of Mines (DMIRS).
- Aboriginal heritage survey completed for E38/3697 and E38/3698.
- Air Core drilling scheduled for first quarter of calendar year 2024.

Catalina Resources (“Catalina” or “the Company”) is pleased to announce the receipt of approval for a Programme of Work (PoW) at its Exploration Licence E38/3697 in the Laverton district of WA.

The Company is also pleased to advise that Aboriginal heritage surveys have been completed for Exploration Licence E38/3697 & E38/3698.

An Aircore drilling program has been scheduled for the first quarter of calendar year 2024 to test targets on E38/3697.

E38/3697 (see Figure 1) is a ~45km<sup>2</sup> (15 sub-block tenement) located 20km southeast of Laverton within the Laverton Gold Province, an exceptionally well mineralised terrain in the Eastern Goldfields, Western Australia. The region hosts several world class deposits of gold, nickel, and rare earth element (REE) including Sunrise Dam (>10Moz Au), Wallaby (> 8Moz Au), Windara Nickel (combined 85K tonnes nickel sulphide) and the Mt Weld REE deposit, one of the highest-grade rare-earth deposits in the world (Mineral Resource of 54.7 Mt @ 5.3% TREO).

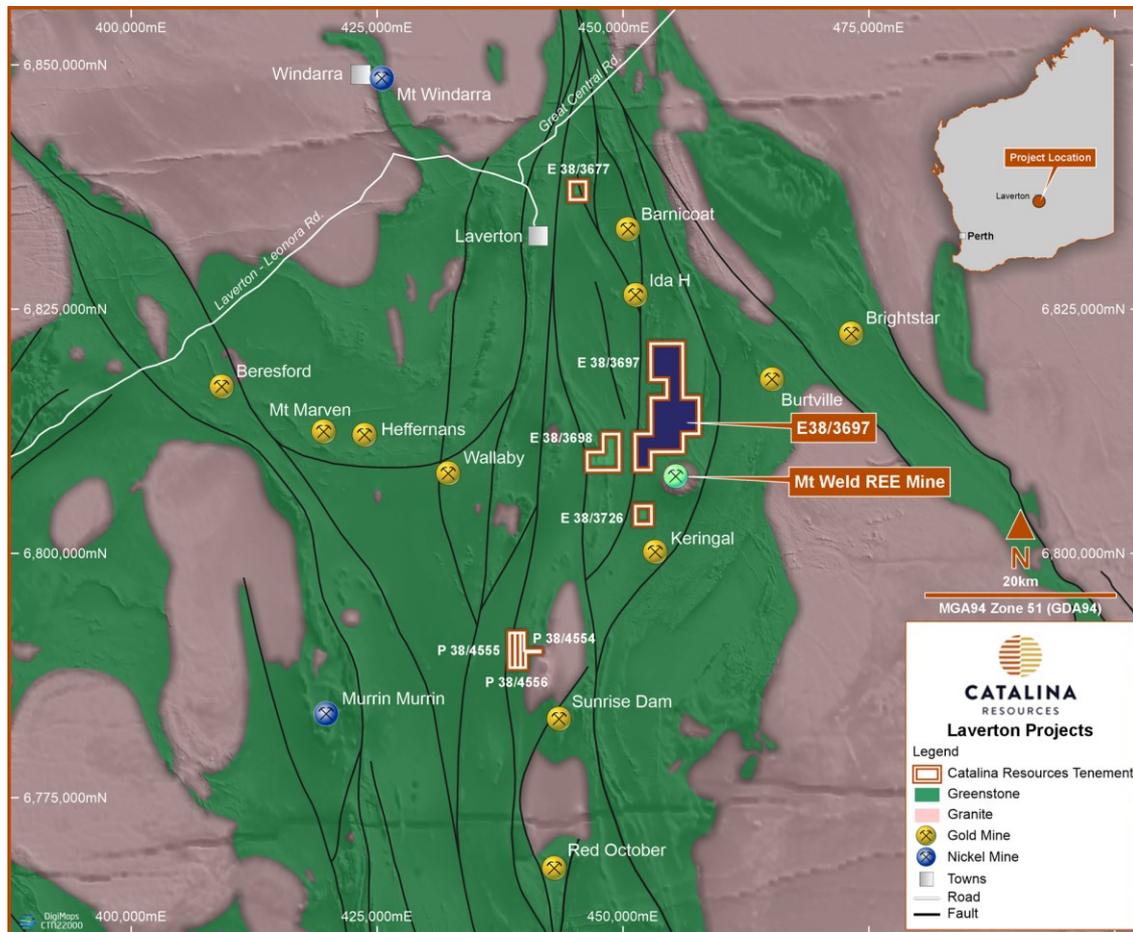


Figure 1: Location map of Catalina's E 38/3697 and other tenements in the Laverton Gold Province.

Catalina has identified several very compelling target areas with potential for gold, nickel and REE mineralization within E38/3697. The targets were generated by the integration of detailed aeromagnetic images, geological interpretations, ground gravity images and historical exploration data. Reference was also made to genetic models developed for neighboring mineral deposits. The compilation revealed that historical drilling within the tenement has been sporadic and non-systematic with significant geochemical anomalies not followed up.

Geophysical consultants Southern Geoscience completed additional processing and modelling of the aeromagnetic data to improve understanding of the lithological and structural setting of the targets generated. Modelling was also conducted on discrete magnetic anomalies that could represent small carbonatitic bodies related to the large carbonatite intrusion at the nearby Mt.Weld REE deposit.

Much of the tenement is covered by alluvium and colluvium with only a small area of outcrop in the northwest corner. This has hindered the verification and drilling of targets, placing greater emphasis on the detailed analysis and modelling of the aeromagnetic data.

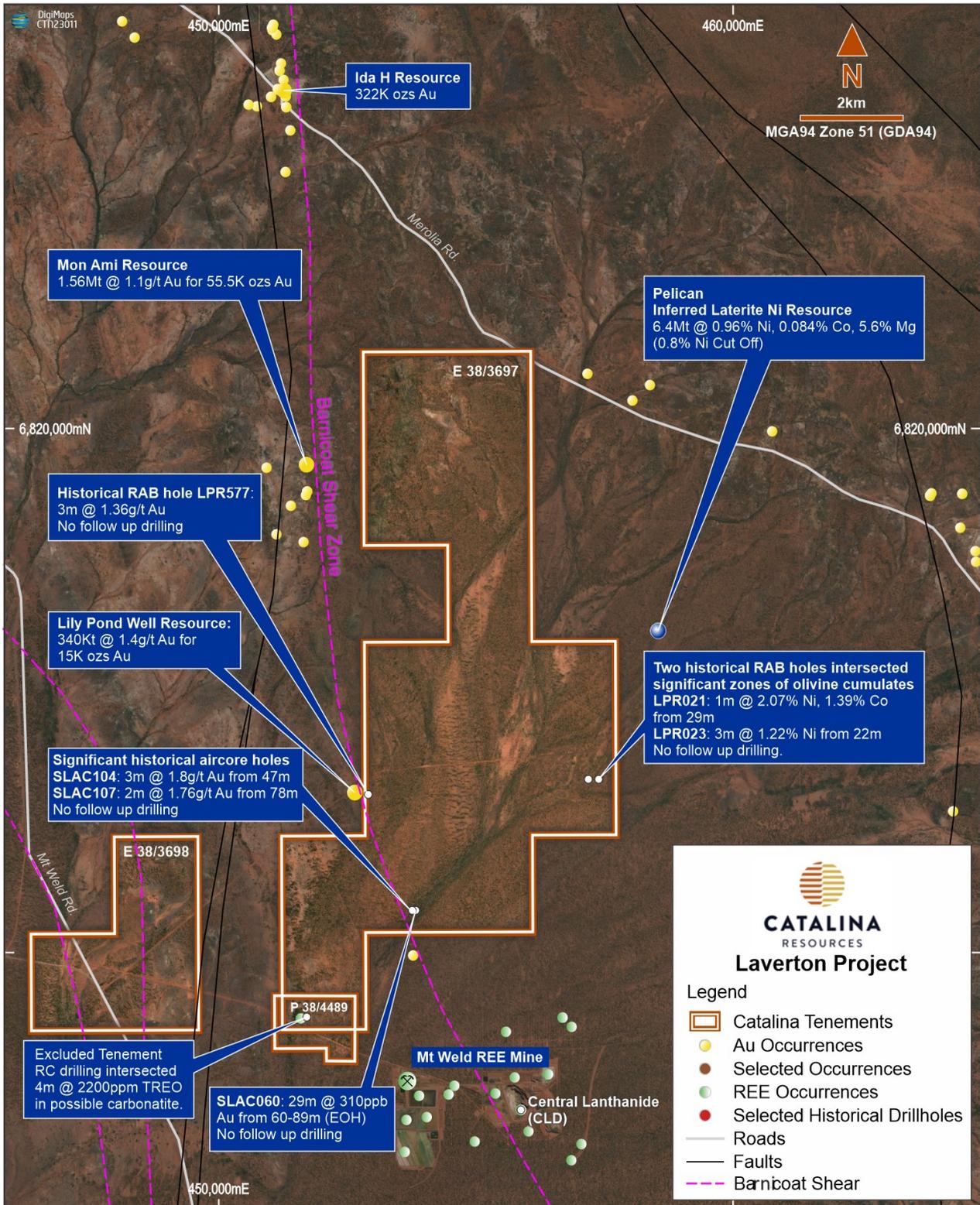


Figure 2: Exploration summary of E38/3697. Targets exist for three commodity groups: Au (the Barnicoat Shear Zone), Ni (Pelican Ultramafic Belt, marked by holes LPR021 & LPR023) and REEs (magnetic anomalies with possible carbonatite source rocks).

A summary of the targets generated by the compilation, modelling and interpretation of data is given in Figures 2 and 3 below. Drill targets exist for 3 commodity groups as listed below.

1. Nickel sulphides. Historical RAB holes LPR021 and LPR023 intersected anomalous nickel geochemistry within the Pelican Ultramafic Unit, southwest of the Pelican Laterite Nickel resource (Figure 2).
2. Shear zone hosted gold within the Barnicoat Shear Zone, southeast of the Lily Pond Well Gold resource (Figure 2) and along strike of the Ida H and Mon Ami resources.
3. REEs. Eight possible Mt Weld style magnetic carbonatitic bodies (Anomalies A to H) related to the large carbonatite intrusion at the nearby Mt.Weld world class REE deposit (Figure 3).

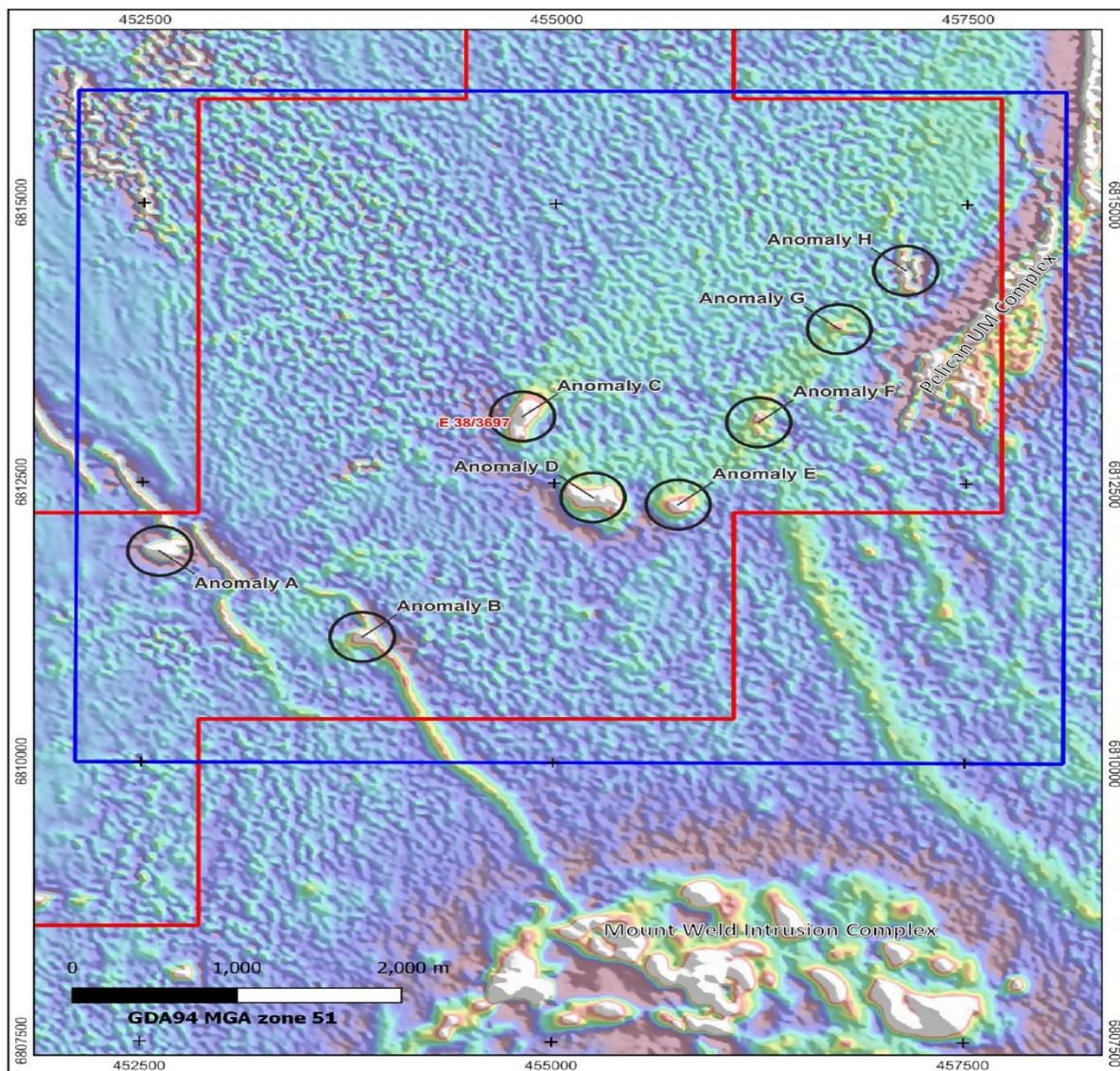


Figure 3: Catalina Laverton Project E38/3697 (red) showing area modelled by Southern Geoscience Consultants (blue) and the targeted discrete magnetic anomalies (underlying image is the 1VD of RTP aeromagnetic data).

This announcement contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("2012 JORC Code"). Further details (including 2012 JORC Code reporting tables where applicable) of exploration results referred to in this announcement can be found in the following announcements lodged on the ASX:

03/11/2023	Prospective Gold-Nickel-REE Tenement Granted near Laverton
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### **Competent Person Statement**

The review of historical exploration activities and results contained in this report is based on information compiled by Michael Busbridge, a Member of the Australian Institute of Geoscientists and a Member of the Society of Economic Geologists. He is a Director of Catalina Resources Ltd. He has sufficient experience which is relevant to the style of mineralisation and types of deposits 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).

Michael Busbridge has consented to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the form and context in which the Competent Person's findings are presented have not been materially modified from the original reports.

Where the Company refers to the Mineral Resources in this report (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed.

### **ABOUT CATALINA RESOURCES LIMITED**

Catalina Resources Limited is an Australian diversified mineral exploration and mine development company whose vision is to create shareholder value through the successful exploration of prospective gold, base metal, lithium and iron ore projects and the development of these projects into production.

The release of this document to the market has been authorised by the Board of Catalina Resources Ltd.