

ASX RELEASE.

**ASX Announcement
18th September 2024.**

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

Directors
**Executive Chairman
and
Company Secretary**
Sanjay Loyalka

Director
Richard Beazley

Director
Michael Busbridge

Director
Martin Bennett

ASX Code
CTN

CONTACT DETAILS

Unit 38
18 Stirling Highway
NEDLANDS WA 6009

T +61 8 61181672
E info@catalinaresources.com.au

Aircore Drilling commences at Laverton Project

Highlights

Aircore drilling commences at E38/3697 as a follow up to the last aircore drilling campaign completed in February 2024¹.

- February 2024 drilling best results¹ of mineralised gold intervals include:

LVAC009	1m @ 2.42g/t Au from 75m
LVAC012	3m @ 1.07g/t Au from 49m
- Gold mineralization is associated with veining and alteration within the Barnicoat Shear Zone.
- February 2024 drilling best results¹ of mineralized REE intervals include:

LVAC023	1m @ 16,426ppm TREO from 28m
LVAC022	1m @ 2,633ppm TREO from 37m
LVAC022	5m @ 2,777ppm TREO from 52m
LVAC009	1m @ 7,220ppm TREO from 43m
LVAC009	4m @ 2,506ppm TREO from 75m
- REE mineralisation is hosted in intrusive rocks just 2km to the north of the Mt Weld carbonatite REE mine.
- Several small diameter bullseye aeromagnetic anomalies were drill tested and could be carbonatite bodies similar to the Mt Weld carbonatite.

Background

E38/3697 is a ~45km² (15 sub-block tenement) located 20km southeast of Laverton within the Laverton Gold Province (Figure 1), an exceptionally well mineralised terrane in the Eastern Goldfields, Western Australia.

The region hosts several world class deposits of gold, nickel, and rare earth element (REE) including Sunrise Dam (>5Moz Au³), Wallaby (>1.5Moz Au³), Windarra Nickel (combined 85k tonnes nickel sulphide³) and the Mt Weld REE deposit, one of the highest-grade rare-earth deposits in the world (Mineral Resource of 54.7Mt @ 5.3% TREO²).

The world class Mt Weld REE mine is hosted by a magnetic, alkaline intrusive rock known as carbonatite. Carbonatites have a diverse range of compositions from mafic to ultramafic.

Mineral deposits that form in the alkaline intrusion-related mineral system are also quite diverse, ranging from diamond, through REEs, to Ni-Cu-PGE and vermiculite deposits.

Mineralisation is commonly restricted to magnetic carbonatite dykes, sills, breccias, sheets, veins, and large masses, but may occur in other rocks associated with the complex rocks.

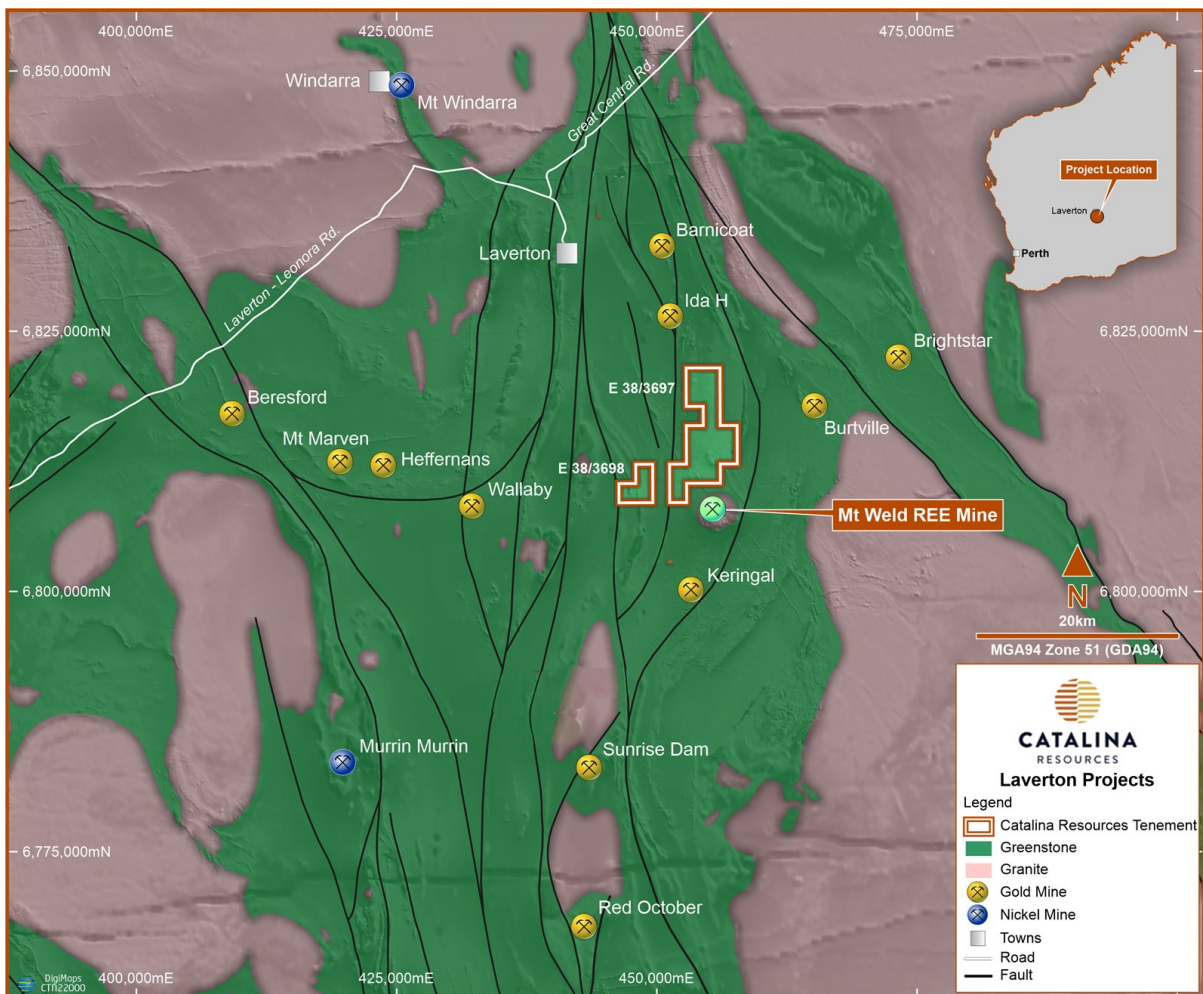


Figure 1: Location map of Catalina's E38/3697 in the Laverton Gold Province.

A compilation and review of previous exploration and reimagining of the aeromagnetic data has identified gold, nickel and rare earth (REE) targets. A summary of the targets generated is listed below:

- Gold: Shear zone hosted gold within the Barnicoat Shear Zone, southeast of the Lily Pond Well gold resource and along strike of the Ida H and Mon Ami resources.
- REEs: Eight possible Mt Weld style magnetic carbonatitic bodies related to the large carbonatite intrusion at the nearby Mt. Weld world class REE deposit.
- Nickel sulphide: Historical drilling intersected anomalous nickel geochemistry within the Pelican Ultramafic Unit, southwest of the Pelican Laterite Nickel resource.

References.

¹ 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 Mineral Resources and exploration results referred to in this announcement can be found in the following ASX announcements:

- Catalina Resources Ltd (ASX: CTN) announcement 3rd June 2024; Resampling Upgrades Gold and REE Targets at Laverton.

² Duncan R K, Willett G C. 1990. Mt Weld Carbonatite. In Hughes F E (ed). 1990. Geology of the Mineral Deposits of Australia and Papua New Guinea. The Aus IMM. Monograph 14 v1 pp591-597.

³ Australian Ore Deposits, AUSIMM Monograph 32, Sixth Edition. Edited by Neil Philips.

Competent Person Statement

The review of historical exploration activities and new drill results contained in this report is based on information compiled by Martin Bennett, a Member of the Australian Institute of Geoscientists. 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).

Martin Bennett 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.

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