



CATALINA

RESOURCES

Corporate Presentation
November 2024

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Corporate Overview

- Shares on issue* ~ 1,238 m
- Options* ~ 32.5 m
- Cash* ~A\$ 2.65 m
- Investments * *(MGA shares ~A\$ 0.3 m)
- Market Capitalisation * * ~A\$ 4.33 m

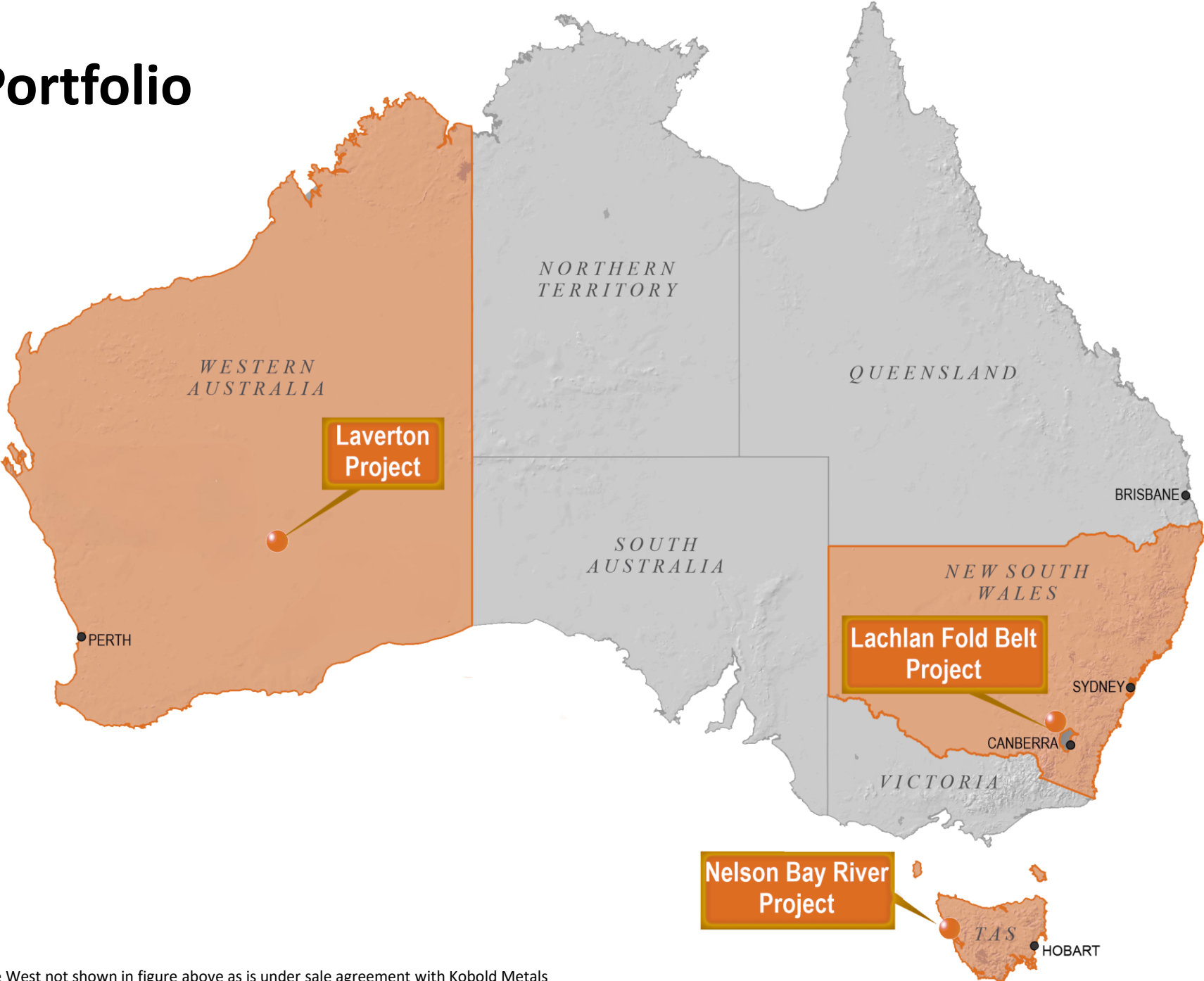
* as at 30/09/2024

* * as at 15/11/2024

* * * as at 15/11/2024

- **Sanjay Loyalka, FAIM, ACA, B.Com (Hons)** **Chairman**
 - 30 years' experience in Metals and Mining - Corporate Finance, Commercial and General Management.
 - Former roles have included Founder CEO of Aditya Birla Minerals Ltd responsible for acquisition of Nifty and Mt Gordon Copper mines and development of Nifty Sulphide project (2.5 mtpa underground copper mine, concentrate plant and infrastructure)
 - Founder Chairman and CEO of Catalina Resources Ltd
- **Mr Richard Beazley, B.E. (Mining) (Hons), MBA, MAICD, MAusIMM (CP)** **Director**
 - Highly experienced mining engineer with a strong technical background and substantial experience in corporate and operational management and leadership
 - Non-Executive Chair - Nova Minerals Ltd ; Non-Executive Chair - MetalsGrove Mining Limited
 - Previous roles include Chief Operating Officer for Sandfire Resources ; Managing Director for Peak Resources; General Manager Operations at Consolidated Minerals; General Manager Southern Cross Operations at St Barbara Limited
- **Michael Busbridge, MBA., B.Sc. (Hons.), MAIG, MSEG** **Director**
 - Exploration and resource development geologist with over 35 years' experience in Australia
- **Martin Bennett, BSc (Hons), MODG, MAIG** **Director**
 - Exploration and resource development geologist with over 30 years' experience in Australia, Africa, Canada and SE Asia.
 - Former roles include General Manager Exploration for Endeavour Mining Corporation (West Africa) (TSX: EDV), Exploration Manager Aditya Birla Minerals , Exploration Manager BCI Minerals

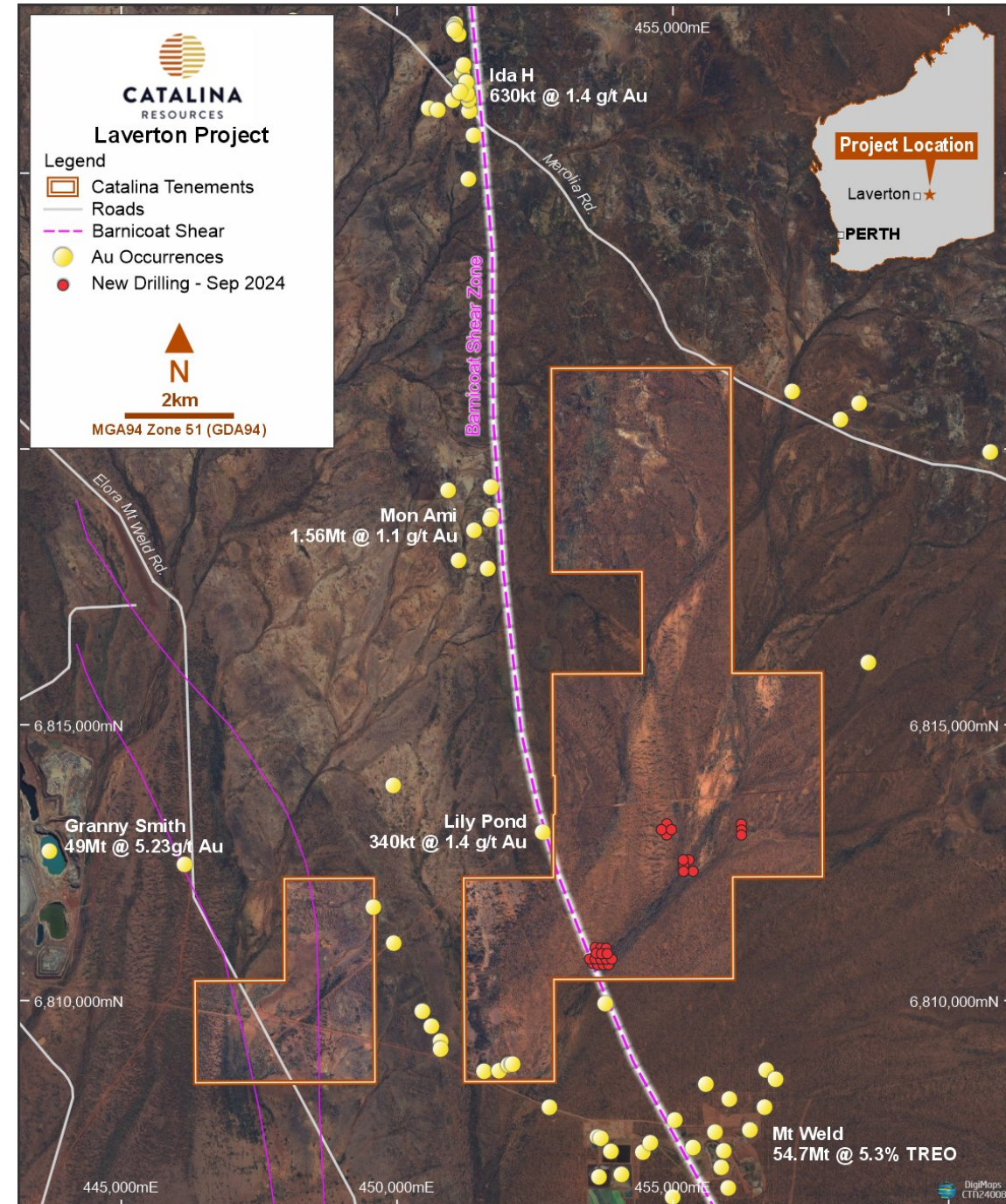
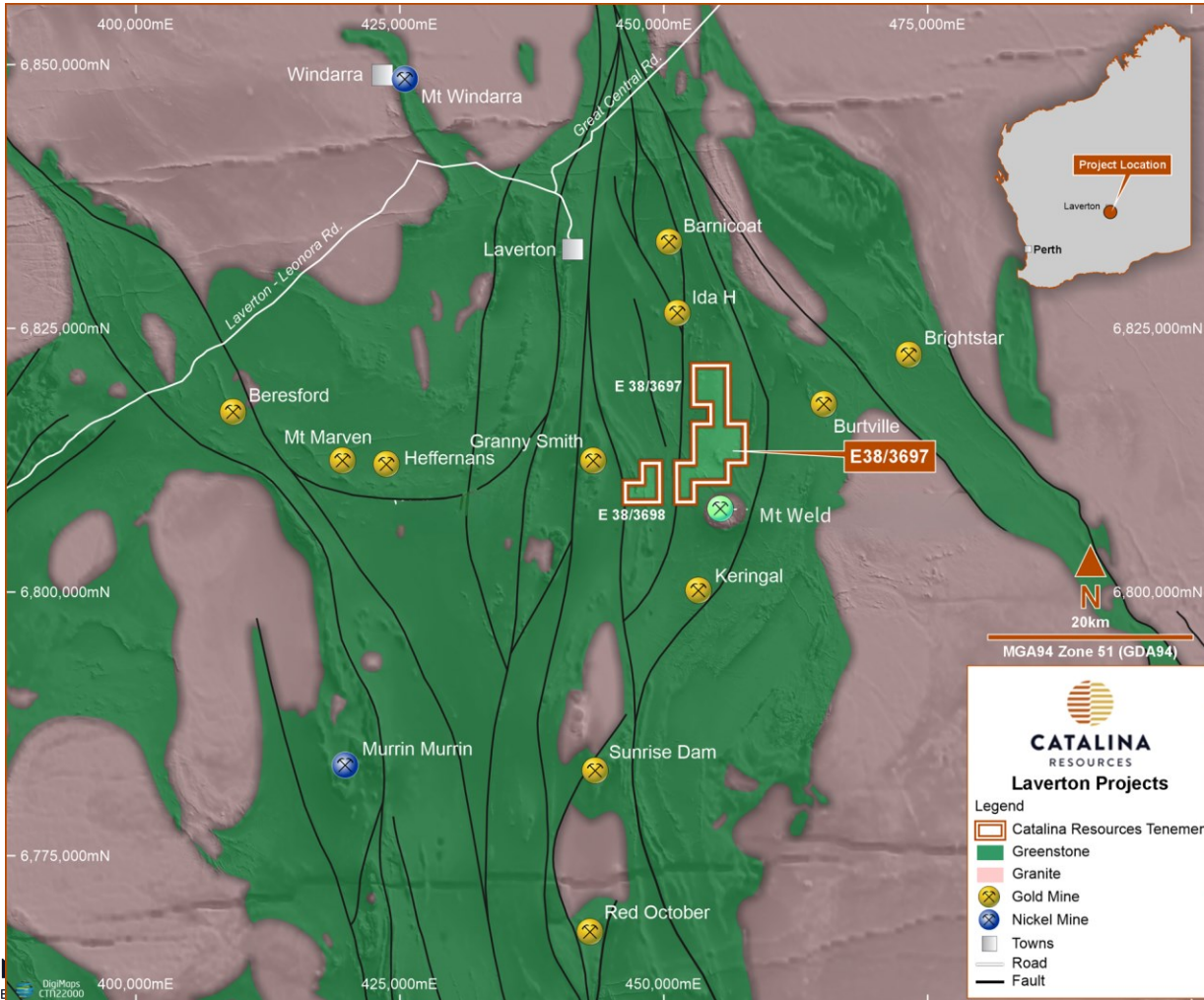
Project Portfolio



NB: Kookynie West not shown in figure above as is under sale agreement with Kobold Metals

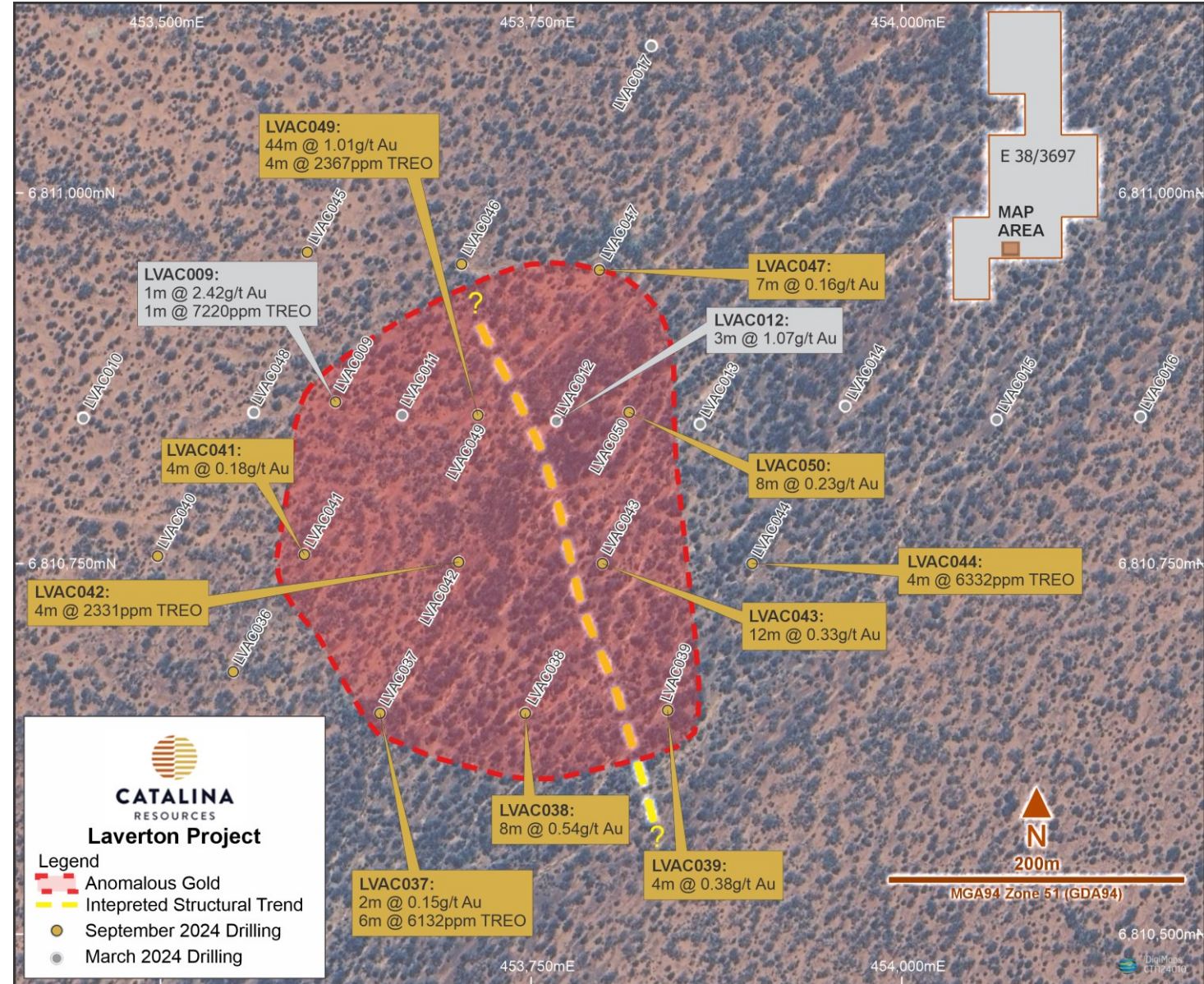
Laverton Project

- Located 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 elements (REE) including Sunrise Dam (>10Moz Au¹⁰), Granny Smith (>8Moz Au¹⁰), Windara Nickel (combined 85 kt of nickel sulphide) and the Mt Weld REE deposit (Mineral Resource of 54.7 Mt @ 5.3% TREO¹⁰).



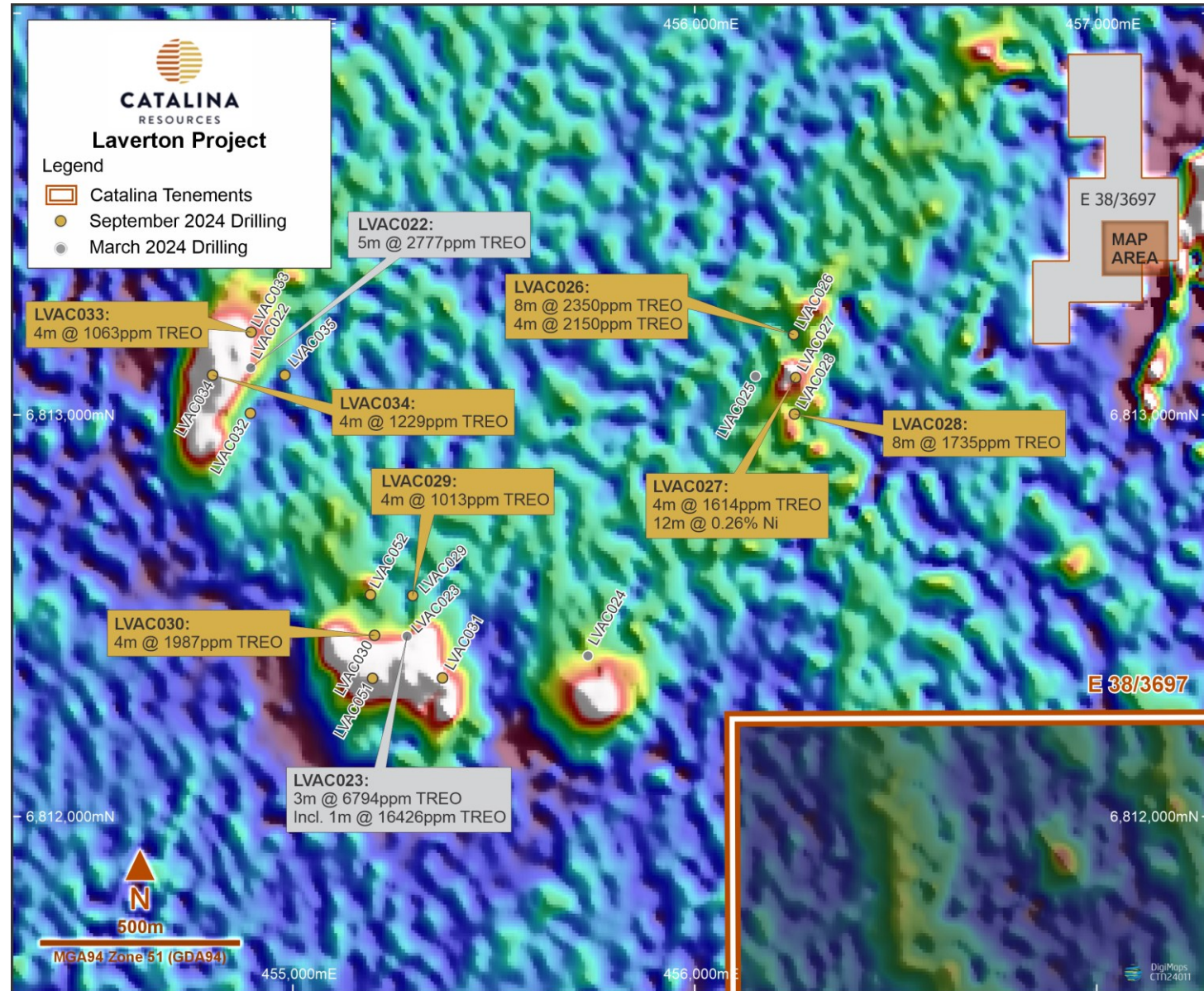
Laverton Project

- Aircore drilling in March 2024 & September 2024 by Catalina intersected broad zones of gold mineralization in the supergene (oxidized) zone
- Mineralized gold intervals returned best results including^{6,10} :
 - **LVAC049** 44m @ 1.01g/t Au from 44m
(includes 4m @ 2.22g/t Au, 4m @ 1.96g/t Au and 8m @ 1.45g/t Au)
 - **LVAC009** 1m @ 2.42g/t Au from 75m
 - **LVAC012** 3m @ 1.07g/t Au from 49m
- The main gold target is located on an interpreted splay fault of the Barnicoat Shear that hosts gold resources to the north at Mon Ami (55k ozs Au⁶), Ida H (27.9k ozs Au⁶) and Lily Pond Well (15k ozs Au⁶).
- The supergene gold anomaly is 300m by 200m and is open to the north and south.
- Planning has commenced for a follow up RC program in early 2025 that will test for mineralization in fresh rock below the supergene gold anomaly.
 - POW approval received
- Additional aircore drilling is also required to follow this new gold trend that is open along strike to the north and south.



Laverton Project

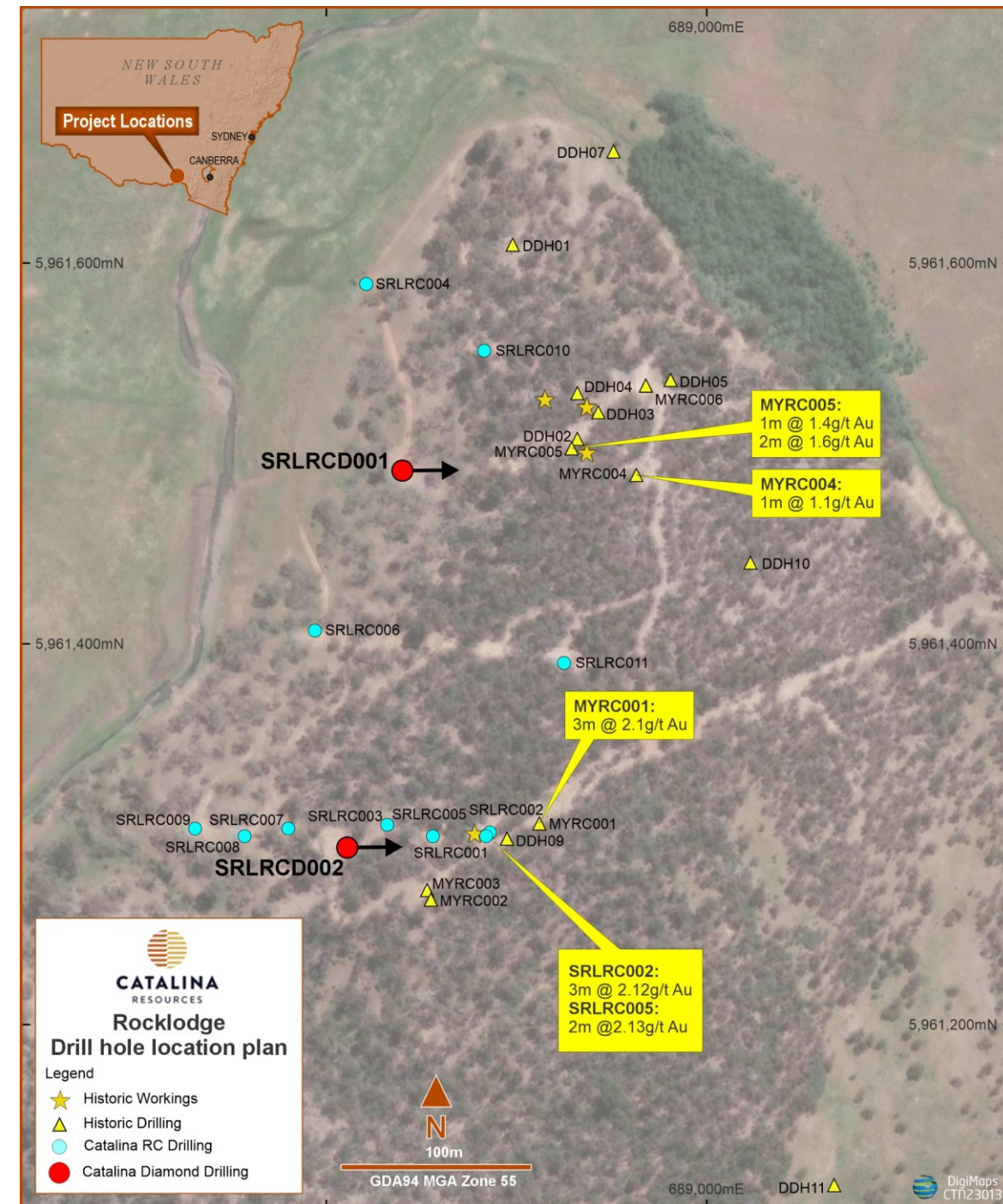
- Catalina aircore drilling also targeted point source magnetic anomalies considered to be shallow mafic to ultramafic intrusions prospective for REE mineralization. The Mt Weld REE mine is just 5km to the south.
- Mineralized REE intervals returned best results including^{6,10}:
 - LVAC023 3m @ 6,794ppm TREO from 28m (includes 1m @ 16,426ppm TREO)
 - 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
 - LVAC026 8m @ 2,350ppm TREO from 24m
 - LVAC037 8m @ 6,132ppm TREO from 48m
 - LVAC044 4m @ 6,632ppm TREO from 64



Lachlan Fold Belt Project

Rock Lodge

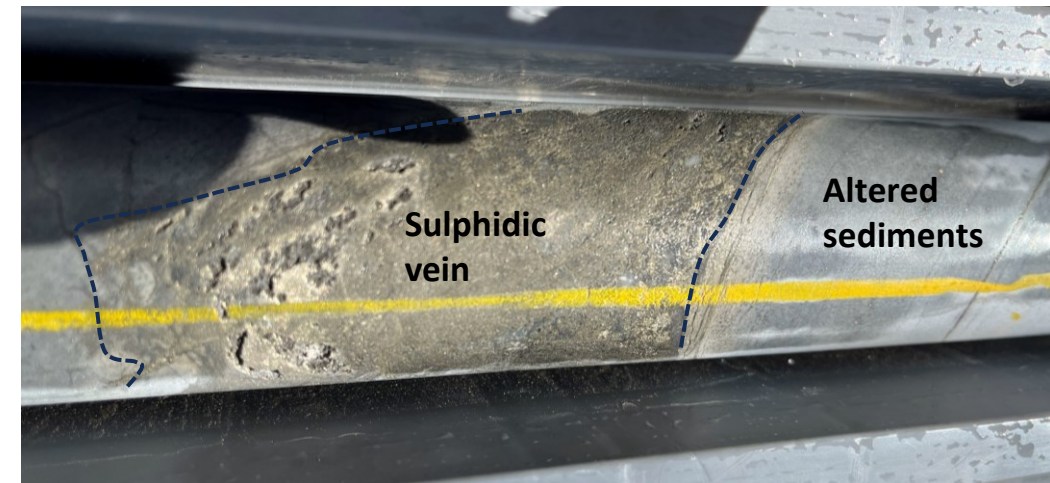
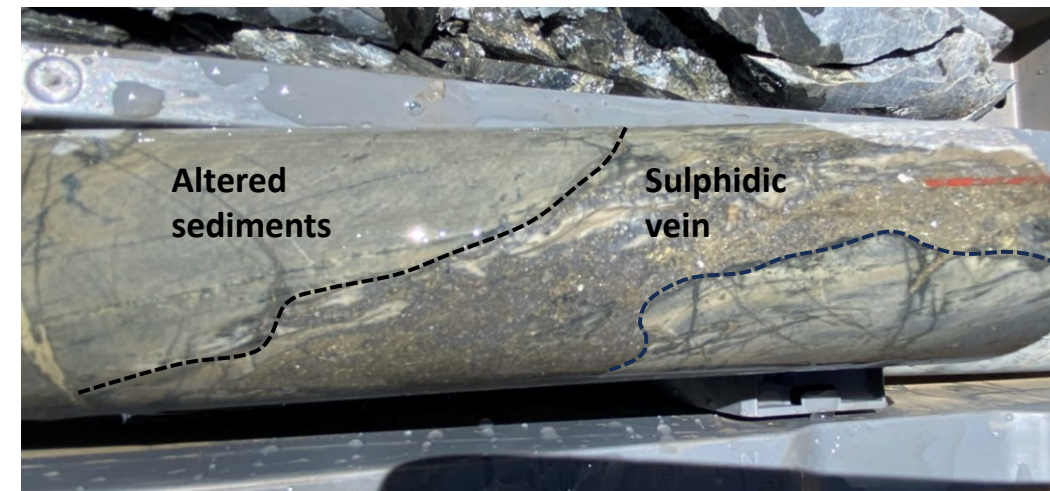
- The project is located in the Lachlan Fold Belt, a high-profile mining and exploration region that contains several major gold, copper-gold and silver deposits. These include Newcrest Mining Ltd's Cadia-Ridgeway Mine, Evolution Mining Ltd's Lake Cowal Mine, and Alkane Resources Ltd's Tomingley mine.
- The prospect contains several historic workings along a low ridge with extensive indications of alteration and mineralization at the surface supported by geochemical surveys.
- An induced polarization (IP) survey identified several strong chargeability anomalies coincident with the workings.
- Soil sampling conducted by Catalina highlighted a gold anomaly 450m x 100m centred on a best result of **1.29 g/t Au** ⁹
- Catalina completed a 15-hole RC drilling in April 2022 ^{8,11}:
 - Intersected multiple stacked gold and silver lenses
 - The deepest hole, SRLRC005 intersected 4 separate mineralised zones from 75m to 99m downhole (**including 2m @ 2.13 g/t Au and 2m @ 2.12 g/t Au**)
 - At the end of SRLRC005 at 102m, rocks were still showing signs of pervasive hydrothermal alteration
 - West of SRLRC005, Catalina's drilling has intersected mineralisation in SRLRC002 (**8m @ 1.08 g/t Au including 3m @ 2.12 g/t Au**)
 - Intersections from Catalina's holes SRLRC002 to SRLRC005 in conjunction with the historical drilling (including **MYRC001 3m @ 2.1g/t Au**) constitute a very wide (60m) mineralised envelope.



Lachlan Fold Belt Project

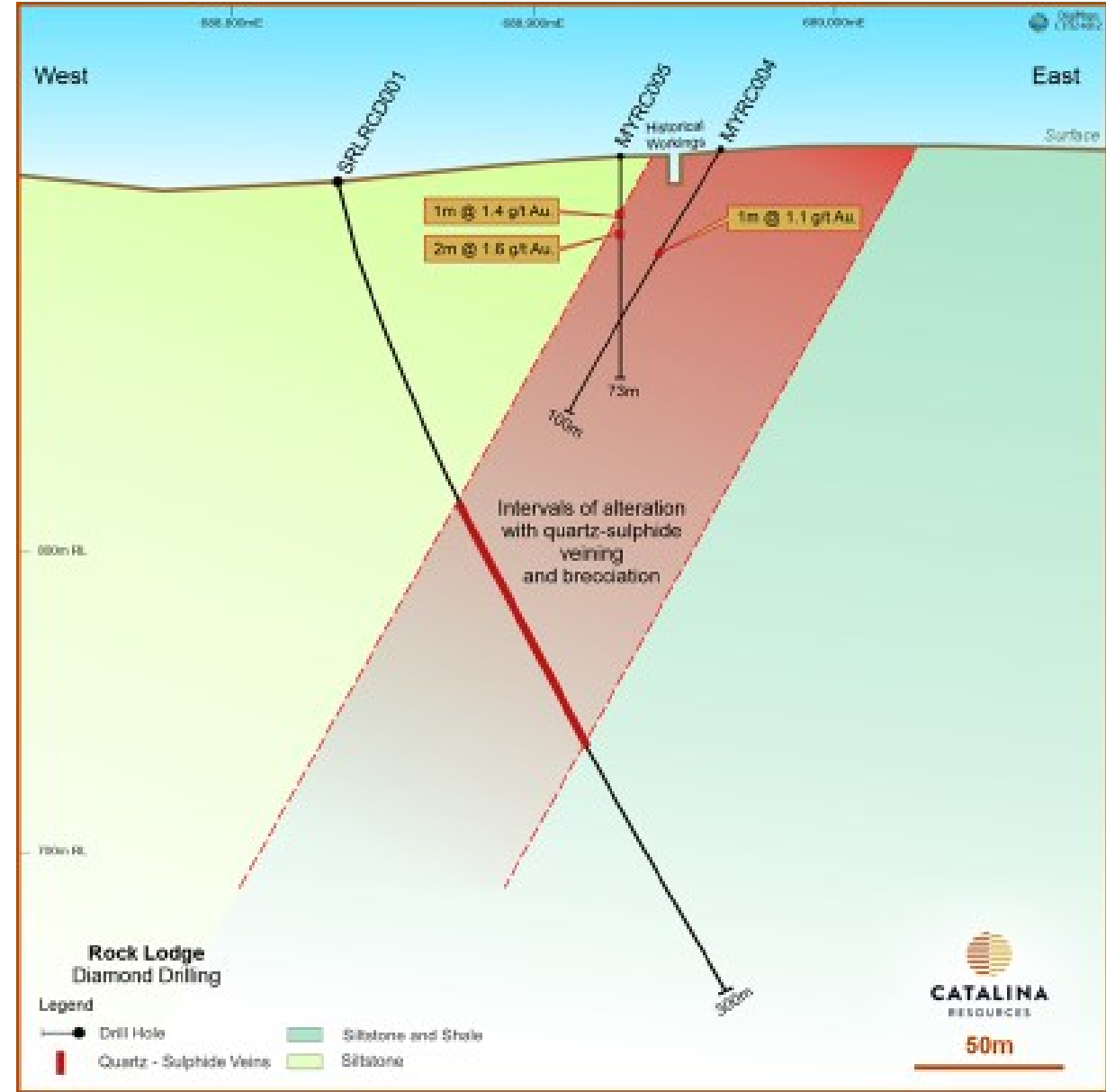
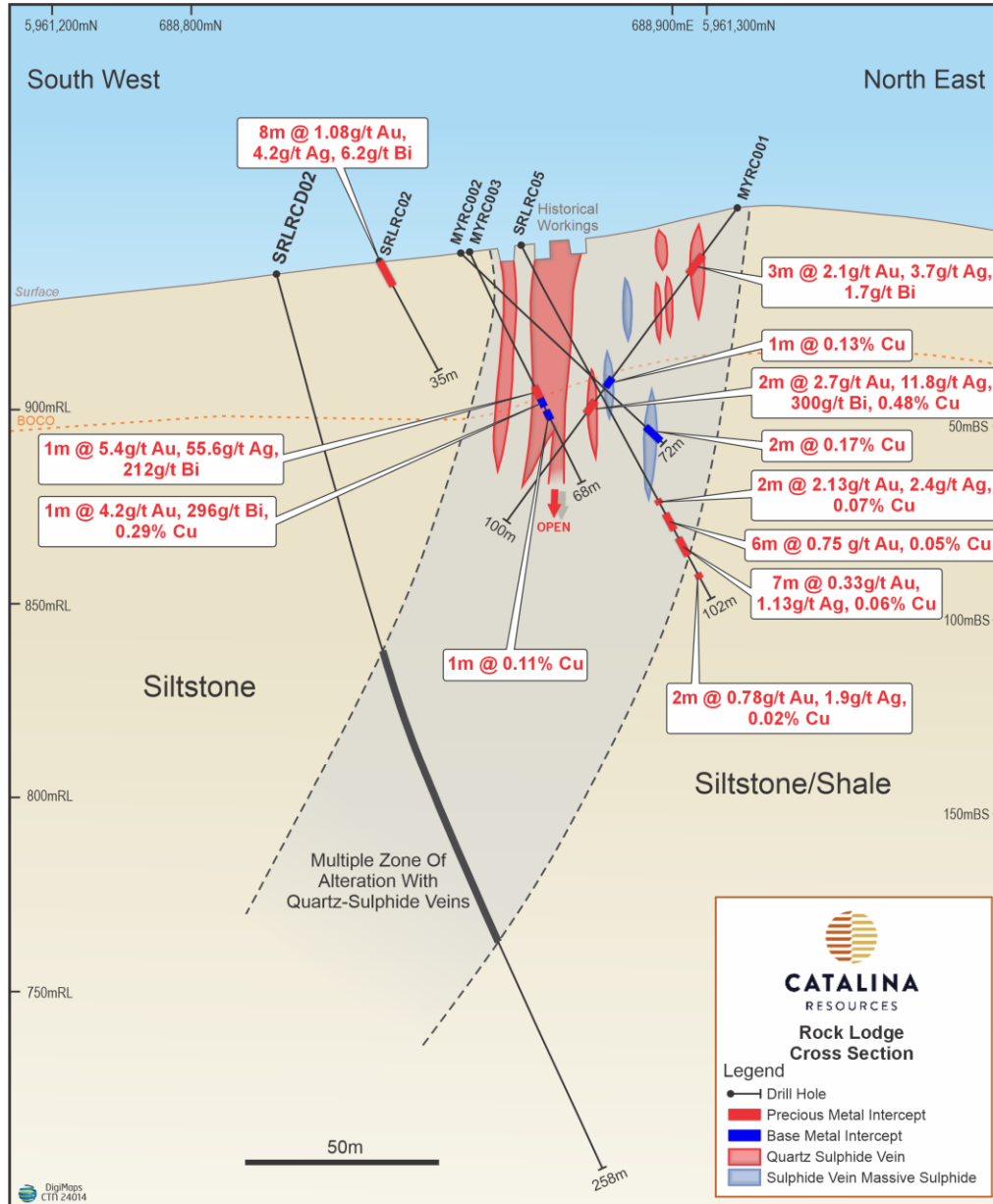
Rock Lodge

- Two pre-collared NQ diamond holes (SRLRCD001-2) were drilled in November 2024 to test under the historic workings and previous drilling to a downhole depth of ~300m.
- The holes intersected broad zones of alteration and veining comprising silicified sediments with fine disseminated sulphide cut by quartz-sulphide and sulphide veins. In addition, there were intervals of stockwork sulphide veining and semi-massive sulphide.



Photos of core from Diamond drilling – Nov 2024

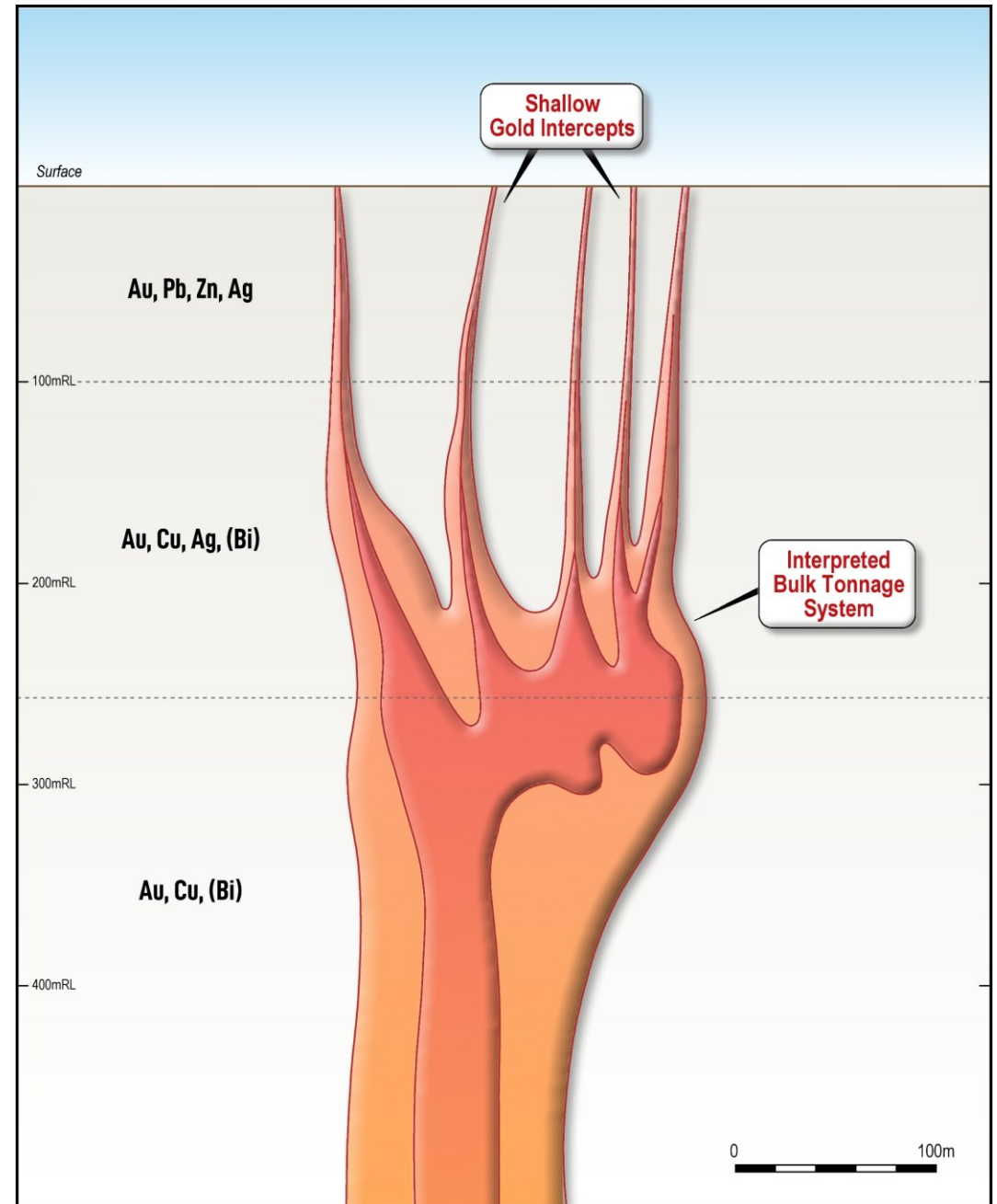
Lachlan Fold Belt Project



Lachlan Fold Belt Project

Rock Lodge

- Significantly RC drill holes also intersected anomalous copper, bismuth and cadmium indicating the mineralization may be intrusion related with implication for the tonnage potential. ⁸
- Rocklodge represents a large hydrothermal alteration system with a late brittle mineralizing event that may be related to an intrusion at depth.
- Catalina eagerly awaits the results of the laboratory analysis of the recent diamond drill core samples for gold and multi-elements.
- Pending results Catalina is planning additional drilling to extend the mineralization along strike where it is partially obscured by tertiary basalt flows.
- Additional geophysical surveys (IP) may be required to trace the mineralization under cover.



Rock Lodge – IRGS conceptual model

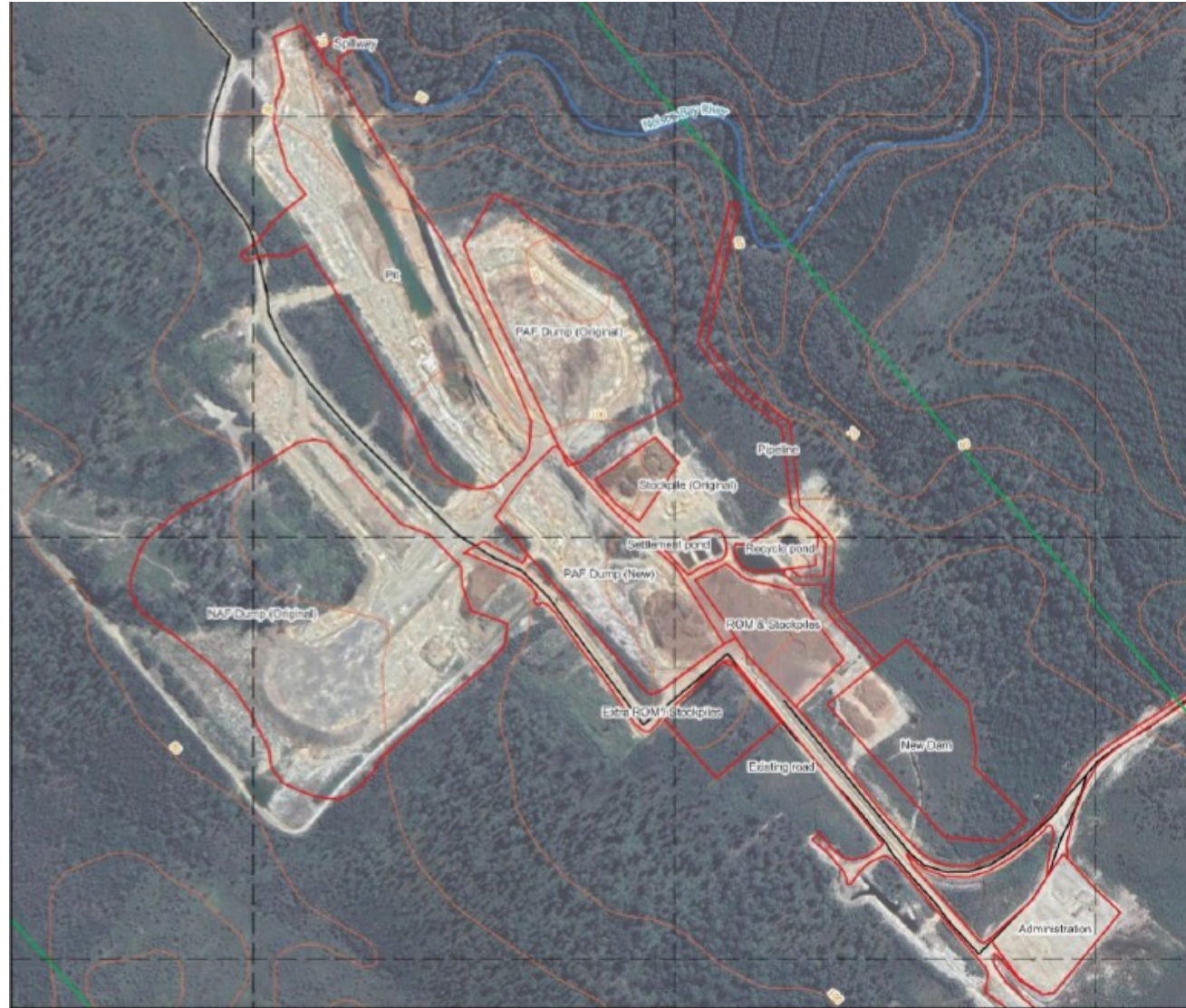
Nelson Bay Iron Project

- Developed from initial DSO discovery in 2010 to production in 2013 in **Benchmark cost and time** - First company to mine DSO Iron Ore in Tasmania.
- Proximal to Savage River Magnetite (Grange Resources , ASX : GRR).
- DSO Iron Ore production and shipments - November 2013 to June 2014;
 - Approximately 58% Fe
 - Low alumina
 - Iron Ore Lump (approximately 40% by volume)
 - Costs of approximately AUD \$72 per tonne FOB Burnie Port*
 - 5 shipments made to China; product well accepted
- Incremental infrastructure required to be developed for restart.

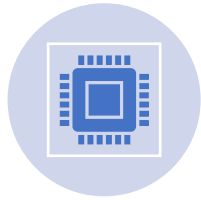


Nelson Bay Iron Project

- Re-permitting – DSO Project
 - Development Application made to Council in August 2018 for new permit for DSO operations only to replace old permit issued in 2012
 - ❖ Recommence previously developed DSO Pit
 - ❖ Deepening of existing DSO Pit (~30m) to approximately 80m
 - ❖ Over previous cleared disturbed area (~64ha) plus insignificant new clearing (~3ha) for a total approximately 67 ha
 - Draft DPEMP accepted by EPA as prepared in accordance with the guidance - advertised between December 2021 and February 2022 for Public Consultation
 - EPA advised in March 2022 that current proposal before the EPA (DA 18/059) should be referred under the EPBC Act, specifically in relation to the potential for water discharge to impact the Giant Freshwater Crayfish (GFC)
 - DCCEEW issued EPBC Referral Decision in November 2023, that the proposed action is a controlled action to be assessed by EIS
 - Guidelines to prepare EIS issued by DCCEEW at the end May 2024
- Rehabilitation security deposit of \$827,000 increase by \$466,000 to \$1,293,000 in November 2024.
- Continued “Care & Maintenance” since June 2014



Strategy



Project incubation (identify and acquire portfolio of under explored projects)



Advance projects using modern exploration techniques



Realise value development, mining, JV, sale

❖ ***The Company has built a portfolio of projects in highly prospective terranes***

- *FY 2021 : Lachlan Fold Belt*
- *FY 2024 : Laverton*

❖ ***Process of continuous evaluation and prioritisation of its project portfolio***

- *FY 2022 : Divest Arunta JV to MetalsGrove Mining Ltd (ASX: MGA). Retained exposure via substantial shareholding.*
- *FY 2025 : Divest Kookynie West to Kobold Metals. Sale Agreement provides upside participation.*

❖ **Action Plans**

- *RC drilling planned at Laverton Project in early 2025 – POW approval received.*
- *Results awaited for diamond drilling completed in November 2024 at Rock Lodge in Lachlan Fold Belt Project.*
- *Continue to pursue approvals for recommencement of operations at Nelson Bay Iron Project.*
- *Business Development: seek new projects to build the project pipeline (early stage to advanced).*

Connect with us

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References

¹ Westaway, J., Lily Pond Well Project: Annual Report for period 1 Jan 1999 to 31 Dec 1999. Sons of Gwalia WAMEX Report 1999 (A60870).

² Ida H Gold Mine: Mindat (<https://www.mindat.org/loc-268922.html>).

³ Great Southern Mining Ltd (ASX: GSN) announcement, 21st July 2021; Indicated Mineral Resource Mon Ami.

⁴ Storey, C. 2001. Technical Report 1167. Third Annual Report, Pelican Project. Anaconda Nickel WAMEX report A 62927.

Further details of Catalina Resources Ltd exploration results referred to in this presentation can be found in the following announcements lodged on the ASX:

⁶3-June-2024 Resampling Upgrades Gold and REE Targets at Laverton

⁷2-May-2023 Air core re-splits reveal assays exceeding 1% TREO at Dundas

⁸31-May-2022 RC Drilling hits multiple Gold, Silver, base metal lenses

⁹25-Oct-2021 Gold Mineralised Trend Confirmed at Lachlan Fold Project

¹⁰1-Nov-2024 Catalina intersects 44m at 1.01g/t gold at Laverton

¹¹20-Nov-2024 Broad alteration zone with quartz-sulphide veining logged