

ASX RELEASE



**ASX Announcement
24 June 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

Amendment to ASX Announcement

Catalina Resources Ltd (“Catalina” or “the Company”) advises it has updated the announcement released on 20 June 2024 (Corporate Presentation).

The Company retracts the Exploration Results for Kookynie West, Dundas, Laverton and Lachlan Fold Belt Projects that have been reported by former owners on Pages/Slide 6, 8 & 10 of the announcement released on 20 June 2024 as the Company has not yet completed work to report these results in accordance with Chapter 5 of the Listing Rules and the JORC Code 2012. The figures on Page/Slide 6 & 8 have been appropriately amended to delete this information from those figures. Additionally, Page/Slide 10 has been deleted and some relevant information included on Page/ Slide 11. The Disclaimer & Compliance statement on Page/ Slide 2 & 3 have been amended and now merged in one page/slide.

Accordingly, the above information that was included in the announcement of 20 June, regarding the Exploration results that were reported by former owners should be disregarded and investors are not to rely on the information contained in this retracted statement for their investment decisions.

The amended announcement now includes reference to previous ASX announcements by the Company where exploration results by the Company were reported & included in the announcement on 20th June 2024. The Company confirms that it is not aware of any new information or data that materially affects the information included in this market release.

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

ABOUT CATALINA RESOURCES LTD

Catalina Resources Ltd 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 metals, lithium and iron ore projects and the development of these projects into production.



CATALINA

RESOURCES

Corporate Presentation
June 2024

Disclaimer and compliance statement

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- This presentation contains only a brief overview of Catalina Resources Ltd (“Catalina” and/ or “the Company”) and its activities and operations. The contents of this presentation, including matters relating to the geology of the Company’s projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.
 - This presentation contains a number of forward-looking statements. Such statements may include, but are not limited to, statements with regard to intention, capacity, future production and grades, projections for sales growth, estimated revenues and reserves, targets for cost savings, the construction cost of new projects, projected capital expenditures, the timing of new projects, future cash flow and debt levels, the outlook for minerals and metals prices, the outlook for economic recovery and trends in the trading environment. Known and unknown risks and uncertainties, and factors outside of the Company’s control, may cause the actual results, performance and achievements of Catalina to differ materially from those expressed or implied in this presentation.
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 - 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 and Ore Reserve Estimates in this report, it confirms that it is not aware of any new information or data that materially affects the information included in the original reports and all material assumptions and technical parameters underpinning the Mineral Resource estimate and Ore Reserve Estimates the original reports continue to apply and have not materially changed.
 - This Presentation contains information extracted from Catalina resources Ltd’s 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”). Details of these are listed in the references section of this presentation. These announcements are available for viewing on the Company’s website. The Company confirms that it is not aware of any new information or data that materially affects the information included in any original ASX announcement.
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Corporate Overview

- Shares on issue* ~ 1,238 m
- Options* ~ 32.5 m
- Cash* ~A\$ 2.74 m
- Investments * *(MGA shares ~A\$ 0.24 m)
- Market Capitalisation * * ~A\$ 3.72 m
- Top 20 Shareholders * * * ~ 51.38 %

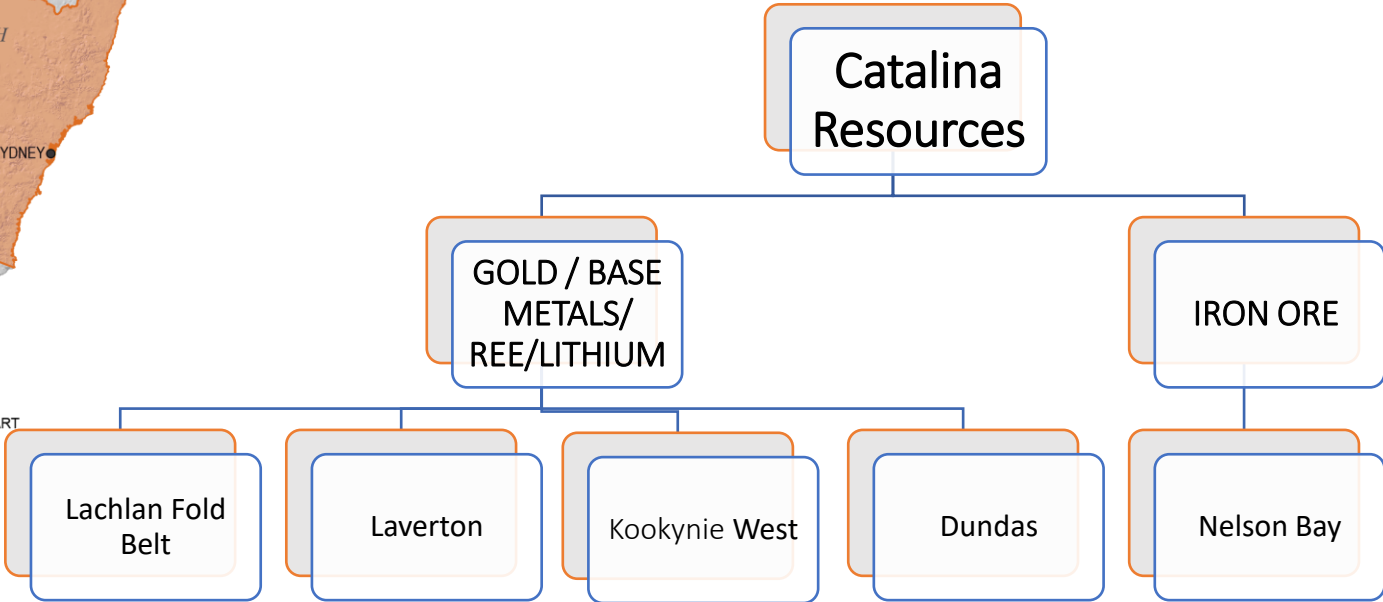
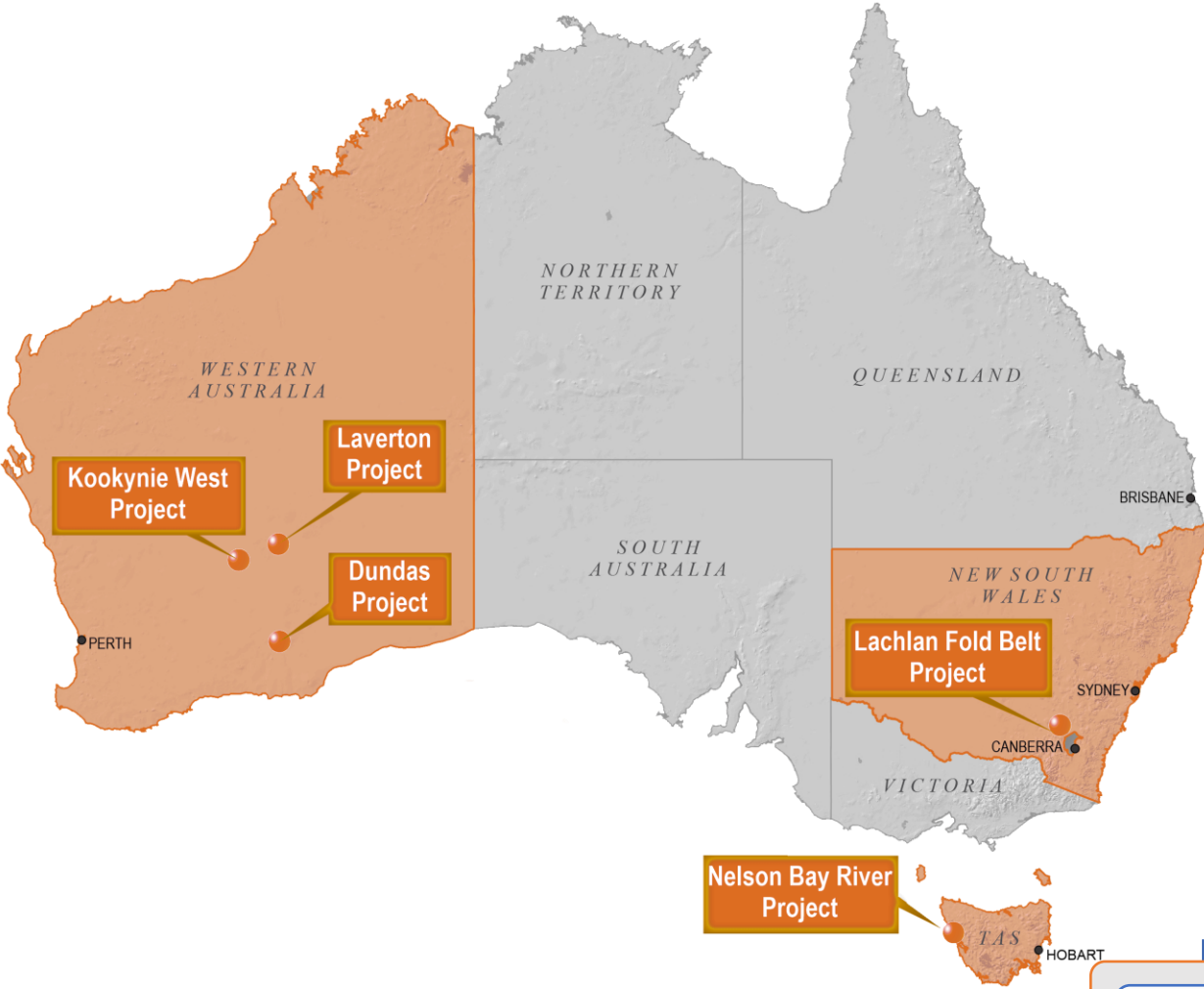
* as at 31/03/2024

** as at 19/06/2024

*** as at 17/04/2024

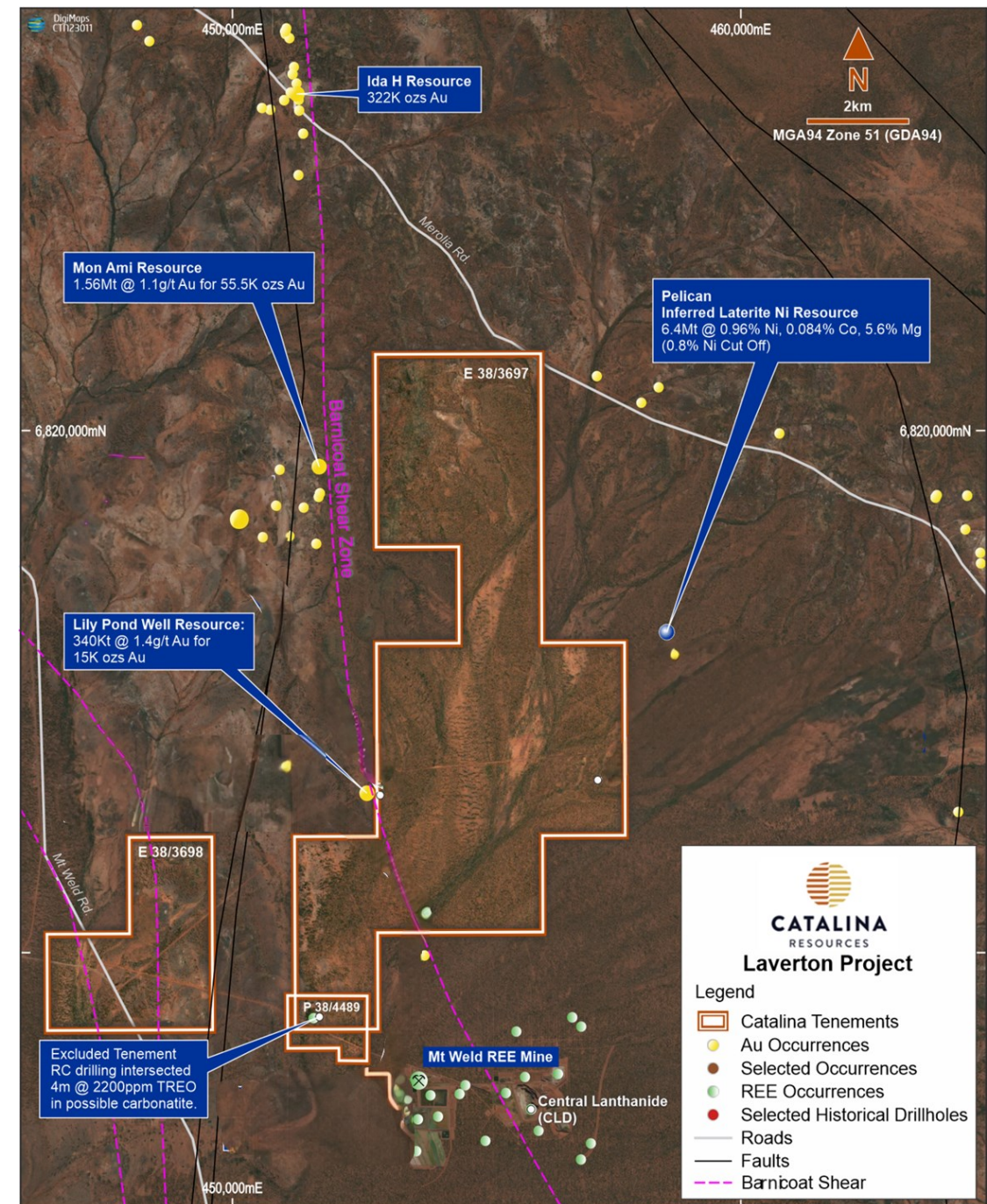
- **Sanjay Loyalka, FAIM, ACA, B.Com (Hons)** **Chairman**
 - 30 years' experience in Metals and Mining - Corporate Finance, Commercial and General Management.
 - Former roles have included Founder CEO of Aditya Birla Minerals Ltd responsible for acquisition of Nifty and Mt Gordon Copper mines and development 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
 - Managing Director, Troy Resources Limited and Non-Executive Chair, MetalsGrove Mining Limited
 - Previous roles include Chief Operating Officer for Sandfire Resources ; Managing Director of Peak Resources Ltd ; 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



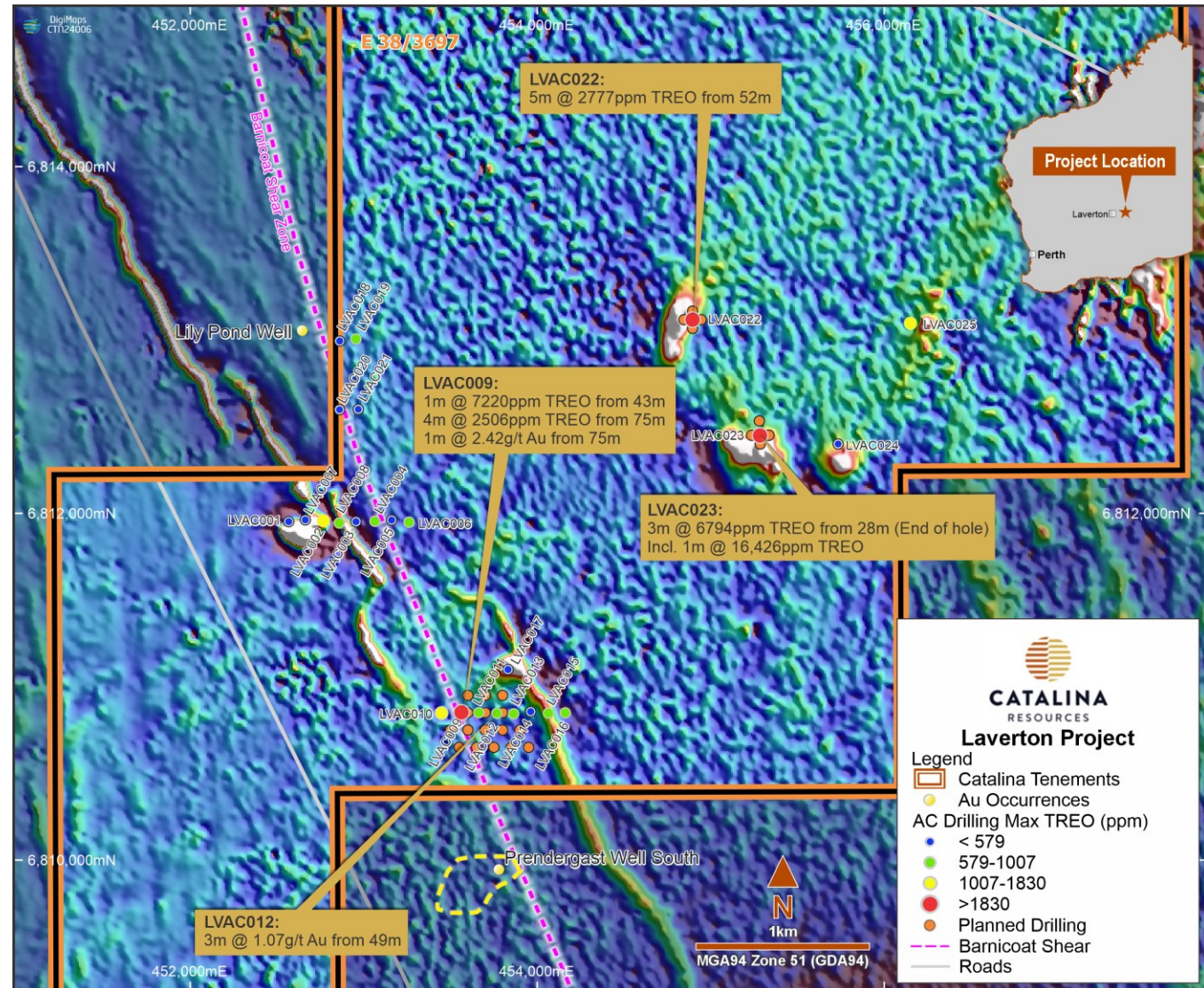
Laverton Project

- Located within the Laverton Gold Province, an exceptionally well mineralised terrain in the Eastern Goldfields, Western Australia
- A compilation and review of previous exploration and reimagining of the aeromagnetic data has identified gold, nickel and rare earth (REE) targets:
 - Gold: Shear zone hosted gold within the Barnicoat Shear Zone, southeast of the Lily Pond Well gold resource¹ and along strike of the Ida H² and Mon Ami³ 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 resource⁴ within E38/3697



Laverton Project

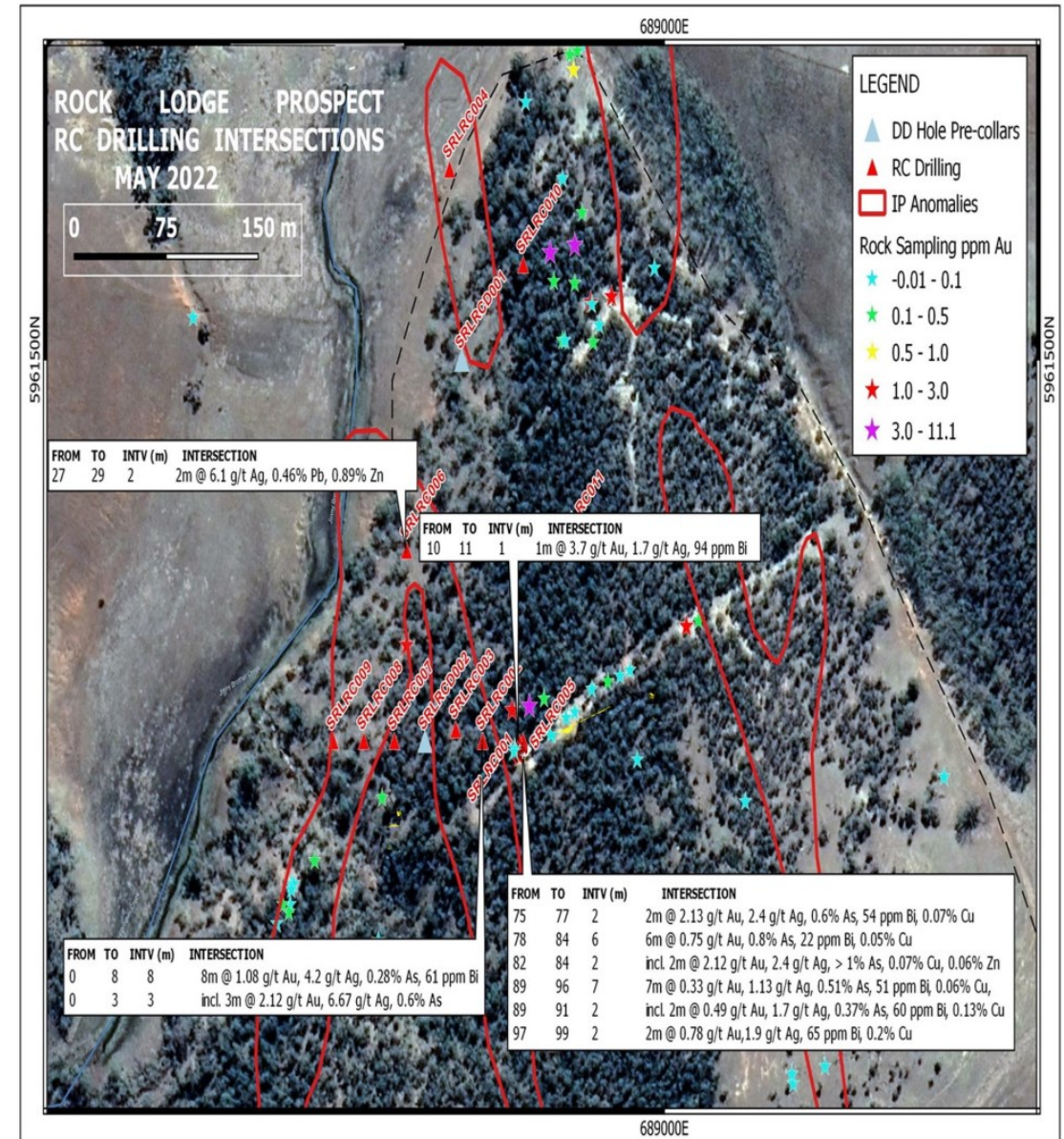
- Air core drilling in February 2024 by Catalina intersected gold and REE
- Mineralized gold intervals returned best results including ⁶:
 - LVAC009 1m @ 2.42g/t Au from 75m
 - LVAC012 3m @ 1.07g/t Au from 49m
- Gold mineralization is associated with veining and alteration within the NNW trending Barnicoat Shear Zone
- Mineralized REE intervals returned best results including ⁶:
 - 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 by 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 related to the Mt Weld carbonatite
- ❖ Follow up air core drilling is planned to better delineate gold and REE targets prior to possible RC drilling – scheduled for mid 2024



Lachlan Fold Belt Project

Rock Lodge

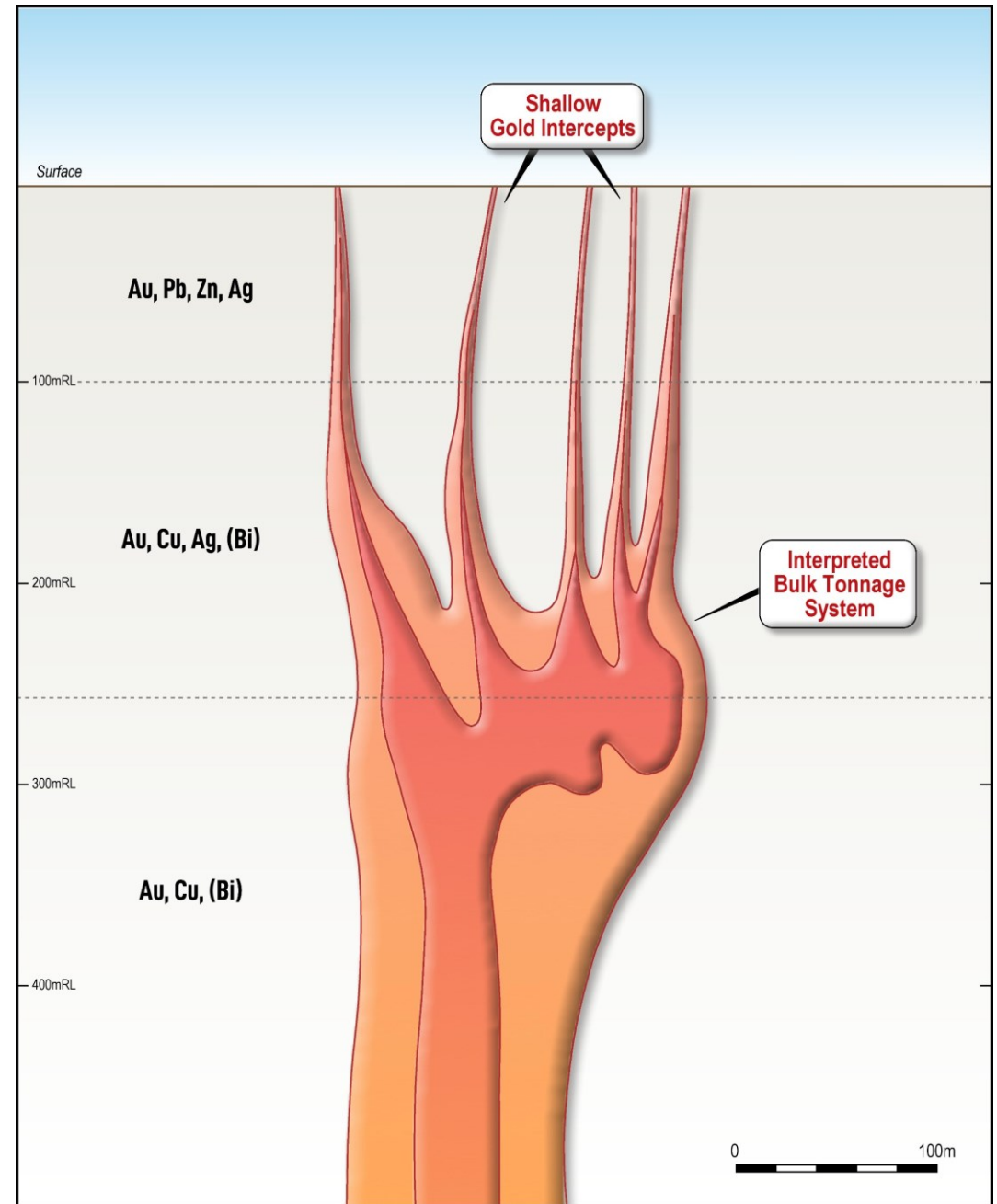
- Historic workings were focussed on several gossanous trends in a sequence of siltstones, sandstones and shale
- An induced polarisation survey identified several strong chargeability anomalies
- Soil sampling conducted by Catalina highlighted a gold anomaly 450m x 100m centred on a best result of **1.29 g/t Au**⁹
- Catalina completed a 15-hole RC drilling (including 2 pre-collars for deeper diamond drilling) in April 2022⁸:
 - Intersected multiple stacked gold and silver lenses
 - The deepest hole, SRLRC05 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 SRLRC05 at 102m, rocks were still showing signs of pervasive hydrothermal alteration
 - West of SRLRC05, Catalina's drilling has intersected mineralisation in SRLRC02 (**8m @ 1.08 g/t Au including 3m @ 2.12 g/t Au**)
 - Intersections from Catalina's holes SRLRC02 to SRLRC05 in conjunction with the historical drilling (including MYRC01) constitute a very wide (60m) mineralised envelope
- Apart from Au and Ag, the mineralisation includes varying amounts of Bi, As, Cu, Sb, Pb, Cd and Zn⁸
- ❖ Diamond drilling scheduled for spring season of 2024 after completion of site works in accordance with the AHIP (Aboriginal Heritage Impact Permit) as well as the wet winter season



Lachlan Fold Belt Project

Rock Lodge

- Rock Lodge has possible affinity with the Intrusion Related Gold System (IRGS) style of gold mineralization
- The multiple sulphide veins with gold and elevated bismuth and copper may represent mineralization above an intrusion at depth
- Mineralisation associated with the intrusion represents a bulk tonnage target



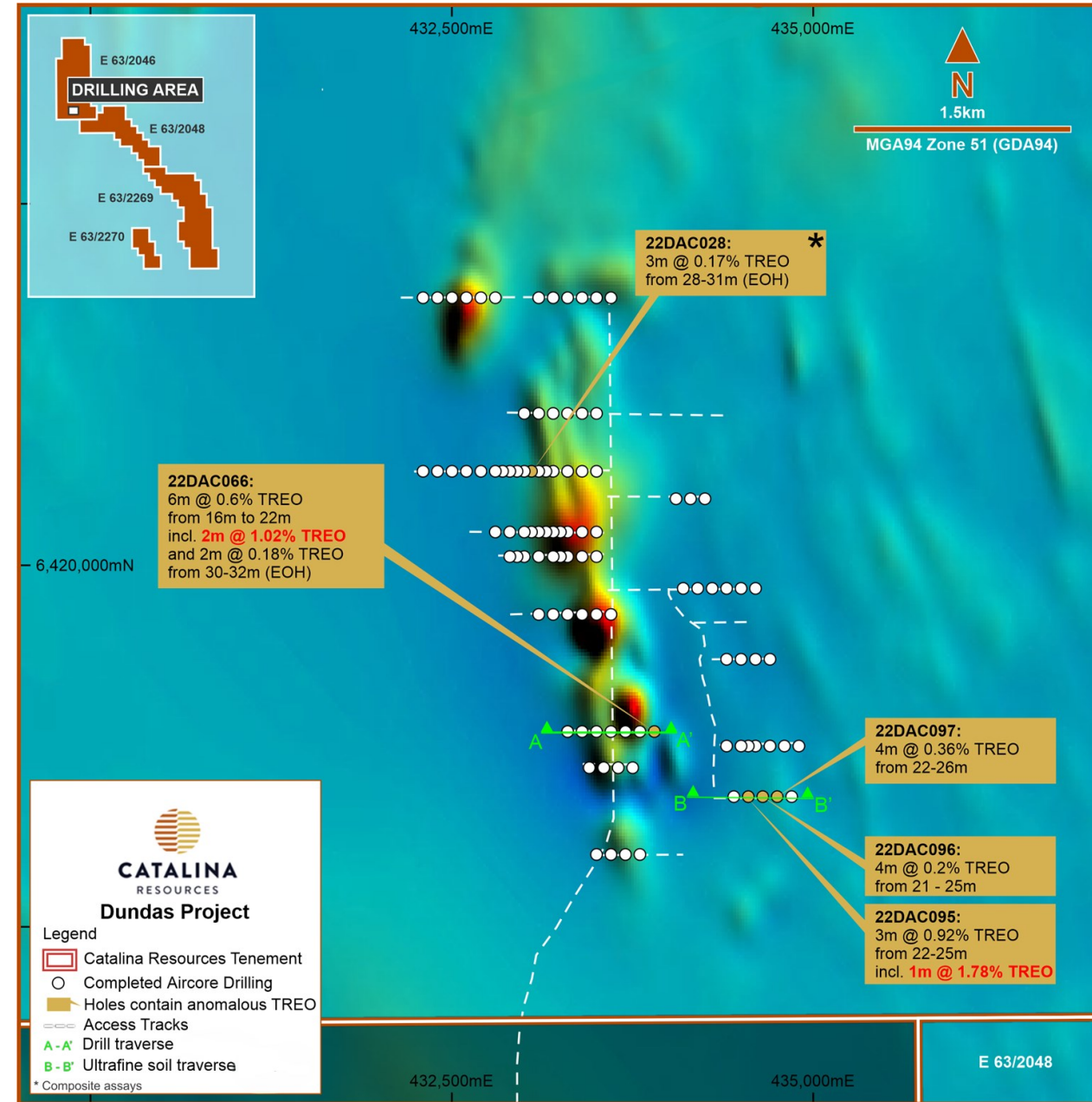
Rock Lodge – IRGS conceptual model

Dundas Project

- Two granted exploration licences (E63/2046 and E63/2048) and two applications (E63/2136 and E63/2227) in the Albany Fraser Orogen (AFO) are interpreted to occur along strike of the well-endowed Boulder Lefroy Fault Zone and the Zuleika Shear
 - ❖ Large lithium in pegmatite deposits are spatially related to these mineralised structures to the north of Catalina's tenure- Liontown Resources's Buldania Lithium Project (15Mt at 1.0% LiO₂)⁵
 - ❖ Pegmatites have been recorded from historical drill logs proximal to these structures within Catalina's tenure

- Air core drilling in Dec 2022 by Catalina intersected TREOs grades exceeding 1% ⁷
 - ❖ Hole 22DAC095 intersected 3m @ 0.92% TREO, including **1m @ 1.78% TREO**
 - ❖ Adjacent holes (100m apart) are also very anomalous
 - ❖ Hole 22DAC066 intersected **2m @ 1.02% TREO**. This hole also contained 2m @ 0.18% TREO in the bedrock at the EOH
 - ❖ Very high **Nd₂O₃** assays received with up **0.35%** intersected in 22DAC095 and 0.23% in hole 22DAC066
 - ❖ Latest assays confirm a valuable Heavy Rare Earth Element ratio of **19% HREO/TREO** and critical magnet metals **NdPr + DyTb ratio of 24% of TREO**

- Tenements wholly within Dundas Nature Reserve
 - ❖ Requires Ministerial approval of a CMP (Conservation Management Plan) for each phase of proposed exploration



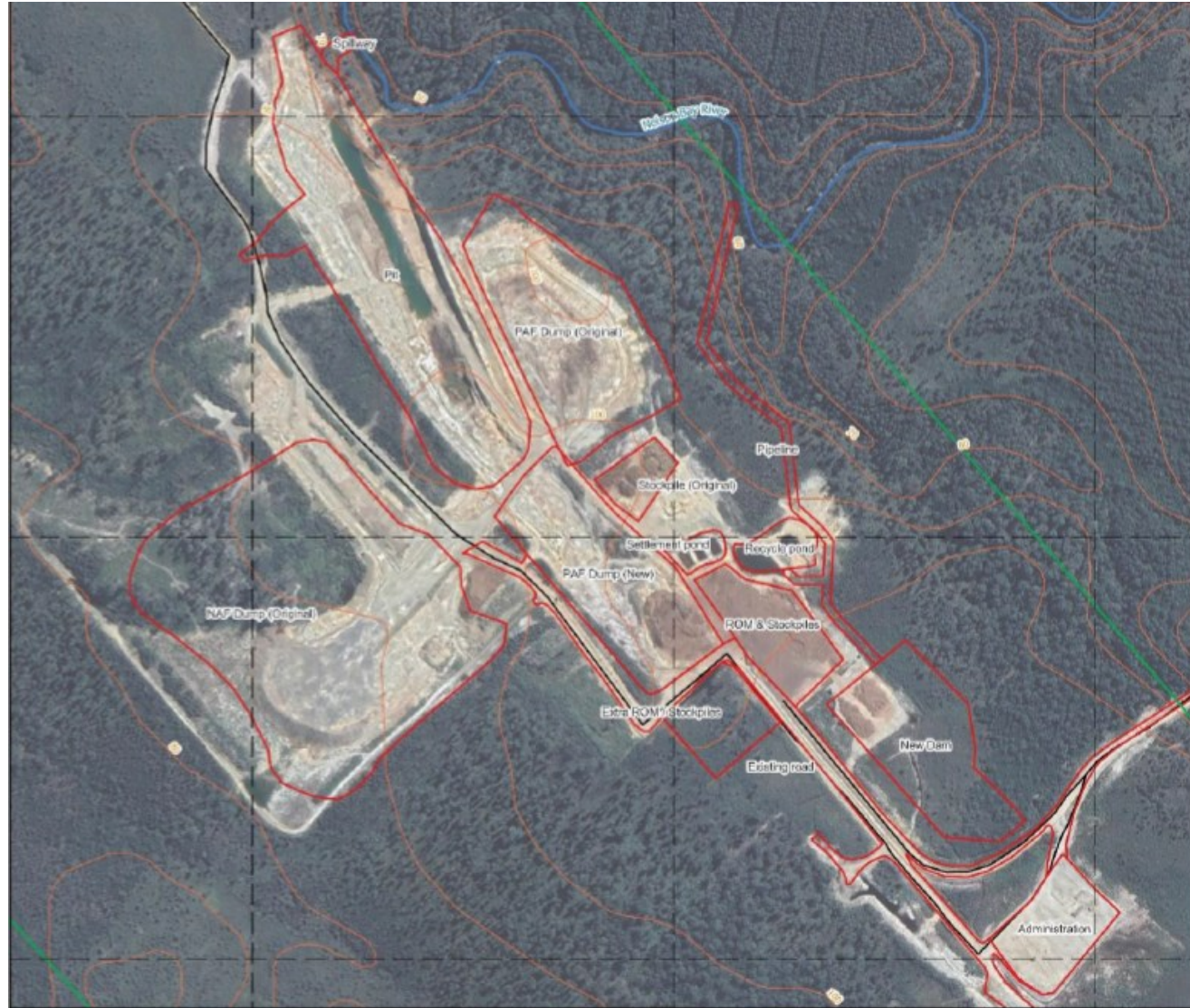
Nelson Bay Iron Project

- 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
- Care and maintenance since June 2014
- Incremental infrastructure required to be developed for restart



Nelson Bay Iron Project

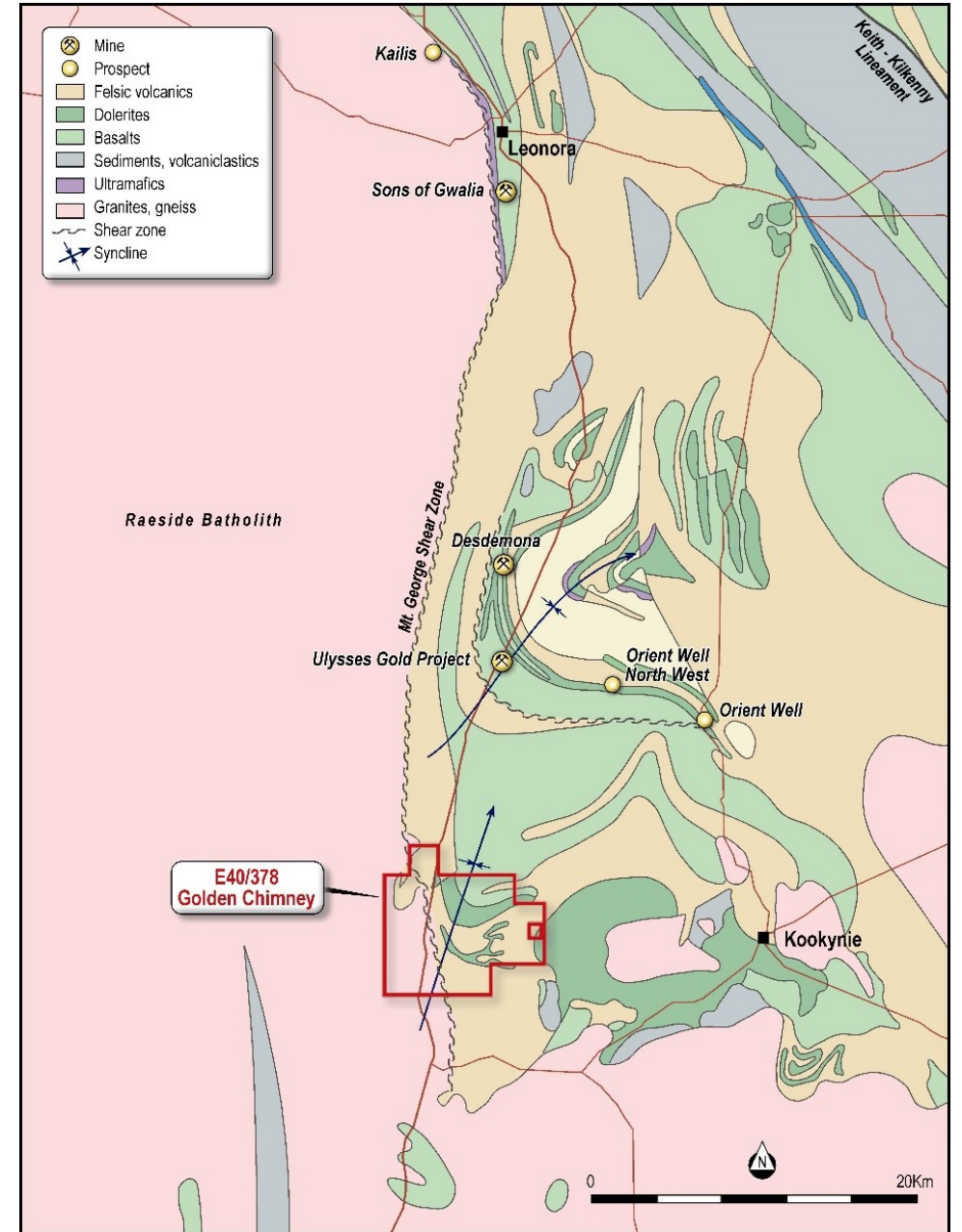
- Current Development Proposal – DSO Project
 - Recommence previously developed DSO Pit under EPBC 2011/5846
 - Deepening of existing DSO Pit (~30m) to approximately 80m
 - Over previous cleared disturbed area (~64ha) plus insignificant new clearing (~3ha) for a total approximately 67 ha
- Re-permitting
 - Development Application made to Council in August 2018 for new permit for DSO operations only to replace old permit issued in 2012
 - Draft DPMP accepted by EPA as prepared in accordance with the guidance - advertised between December 2011 and February 2012 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
 - The Company is initiating base line data collection as required by EIS Guidelines



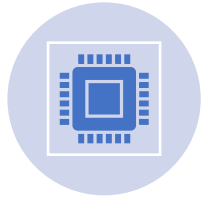
Kookynie West Project

Golden Chimney

- Tenement is located south of Leonora in close proximity to Genesis Metals Ulysses-Orient Well project and Metalicity's Kookynie project
- Project covers a folded sequence of dolerite and basalt in the core of a regional scale fold
- Gold mineralisation is hosted by differentiated granophyric units within a dolerite. A common setting for gold mineralization e.g. Mt Charlotte Mine in Kalgoorlie
- Gold targets located where NNW trending faults intersect the brittle granophyric dolerite
- Reconnaissance mapping has recorded abundant pegmatite dykes within E40/378 on the western side of tenement



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 2019 : Kookynie West*
- *FY 2021 : Lachlan Fold Belt*
- *FY 2022 : Dundas*
- *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*

❖ **Action Plans**

- **Air core drilling planned at Laverton Project** - to better delineate gold and REE targets prior to possible RC drilling - **scheduled for mid-2024**
- **Diamond drilling planned at Rock Lodge – Lachlan Fold Belt Project** - **scheduled for spring season of 2024** after completion of site works in accordance with the AHIP (Aboriginal Heritage Impact Permit) as well as the rainy winter season
- **Initiating base line data collection at Nelson Bay Iron Project as required by Guidelines to develop EIS.**
- **Pursuing approval of Conservation Management Plan at Dundas Project to enable further exploration.**
- ***Business Development: continues to seek new projects to build the project pipeline (early stage to advanced).***

Connect with us

Unit 38, 18 Stirling Highway

Nedlands, WA 6009

T: +61 8 6118 1672

E: info@catalinaresources.com.au

W: www.catalinaresources.com.au

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.

⁵ Buldania Lithium Project (April 2021), Mineral Resources, Reserves and CP Statements. Liontown website: <https://www.ltresources.com.au>

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

⁶ 3-June-2024 Resampling Upgrades Gold and REE Targets at Laverton

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

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

⁹ 25-Oct-2021 Gold Mineralised Trend Confirmed at Lachlan Fold Project