

# New Zealand Gold-Antimony Projects



**ASX:CRR**

Investor Presentation  
August 2025

For personal use only



# Important Notices and Disclaimer



Critical Resources Limited

**Summary Information** This document contains a summary of information about Critical Resources Limited ("Critical Resources" or "the Company") and its activities that is current as at the date of this document unless otherwise stated. The information in this document is general in nature and does not contain all the information which a prospective investor may require in evaluating a possible investment in Critical Resources or that would be required in a prospectus or a product disclosure statement prepared in accordance with the Corporations Act 2001 or the securities laws of any other jurisdiction. The information in this document should be read in conjunction with the Company's other periodic and continuous disclosure announcements lodged with the ASX.

**No Liability.** The information contained in this document has been prepared in good faith by the Company however no guarantee, representation or warranty expressed or implied is or will be made by any person (including the Company and its affiliates and their directors, officers, employees, associates, advisers and agents) as to the accuracy, reliability, correctness, completeness or adequacy of any statements, estimates, opinions, conclusions or other information contained in this document. No person other than the Company is responsible for the preparation of this document. To the maximum extent permitted by law, the Company and its affiliates and their directors, officers, employees, associates, advisers and agents each expressly disclaims any and all liability, including, without limitation, any liability arising out of fault or negligence, for any loss arising from the use of or reliance on information contained in this document including representations or warranties or in relation to the accuracy or completeness of the information, statements, opinions, forecasts, reports or other matters, express or implied, contained in, arising out of or derived from, or for omissions from, this document including, without limitation, any financial information, any estimates, forecasts, or projections and any other financial information derived therefrom. Statements in this document are made only as of the date of this document unless otherwise stated and the information in this document remains subject to change without notice. No responsibility or liability is assumed by the Company or any of its affiliates (or their directors, officers, employees, associates, advisers and agents) for updating any information in this document or to inform any recipient of any new or more accurate information or any errors or mis descriptions of which the Company and any of its affiliates or advisers may become aware.

**Forward Looking Statements.** Statements contained in this document, including but not limited to those regarding the possible or assumed future costs, projected timeframes, performance, dividends, returns, revenue, exchange rates, potential growth of Critical Resources, industry growth, commodity or price forecasts, or other projections and any estimated company earnings are or may be forward looking statements. Forward-looking statements can generally be identified by the use of words such as 'project', 'foresee', 'plan', 'expect', 'aim', 'anticipate', 'believe', 'estimate', 'may', 'should', or similar expressions. Forward-looking statements, including all statements in this presentation regarding the outcomes of preliminary and definitive feasibility studies, projections, guidance on future earnings and estimates, are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance. These statements relate to future events and expectations and, as such, involve known and unknown risks and significant uncertainties, many of which are outside the control of the Company. Actual results, performance, actions and developments of the Company may differ materially from those expressed or implied by the forward-looking statements in this document. Such forward-looking statements speak only as of the date of this document. There can be no assurance that actual outcomes will not

differ materially from these statements. To the maximum extent permitted by law, the Company and any of its affiliates and their directors, officers, employees, agents, associates and advisers disclaim any obligations or undertaking to release any updates or revisions to the information in this document to reflect any change in expectations or assumptions do not make any representation or warranty, express or implied, as to the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward looking statement or any event or results expressed or implied in any forward looking statement and disclaim all responsibility and liability for these forward looking statements (without limitation, liability for negligence). Nothing in this document will under any circumstances create an implication that there has been no change in the affairs of the Company since the date of this document.

**Not Financial Product Advice.** This document does not constitute financial product advice or take into account your investment objectives, taxation situation, financial situation or needs. This document consists purely of factual information and does not involve or imply a recommendation of a statement of opinion in respect of whether to buy, sell or hold a financial product. An investment in the Company is considered to be speculative in nature and is subject to known and unknown risks, some of which are beyond the control of the Company. Before making any investment decision in connection with any acquisition of securities, investors should consult their own legal, tax and/or financial advisers in relation to the information in, and action taken on the basis of this document.

**Financial data.** All amounts are in Australian Dollars (AUD) unless otherwise indicated. A number of figures, amounts, percentages, estimates, calculations of values and fractions in this presentation are subject to the effect of rounding. Accordingly, the actual calculation of these figures may differ from the figures set out in this presentation.

**JORC Code.** It is a requirement of the ASX Listing Rules that the reporting of exploration results, ore reserves and mineral resources in Australia comply with the Joint Ore Reserves Committee's Australasian Code for Reporting of Mineral Resources and Ore Reserves ("JORC Code"). Investors outside Australia should note that while reporting in this document complies with the JORC Code, they may not comply with the relevant guidelines in other countries. Information contained in this document describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of Canadian or US securities laws.

**Acceptance** By attending a presentation or briefing, or accepting, accessing or reviewing this document, you acknowledge, accept and agree to the matters set out above.

**Authorisation.** This document has been authorised for release by the Company's Board of Directors.

**Refer to the Company's ASX Announcements for JORC Table 1 and Table 2 for results and information contained in this presentation.**



ASX:CRR



# Overview of Critical Resources

Targeting the next High-Grade Critical Metals Discovery.



ASX:CRR

Multi-commodity exposure - **gold, antimony and lithium.**

**Portfolio of projects in Tier-1 jurisdictions:** Australia, Canada, New Zealand.

**Low-cost gold-antimony portfolio with significant potential** centred in the underexplored Otago Region - New Zealand.

Proven leadership in mineral exploration and development with **disciplined capital allocation.**

**Shareholder-aligned** directors and management hold ~10.4% of CRR.

**Advanced drill-ready gold and antimony projects.**

Mavis Lake - Strategically important North American **lithium resource being advanced for market improvements.**

Building exploration momentum to deliver consistent news flow.

## Capital Structure

\$0.005

Current Share Price  
As of 1 August 2025

\$14M

Market Cap

\$0

Debt

\$1.82M

Cash Position  
as of 30<sup>th</sup> June 2025.

2.7B

Shares on Issue

~46%

Top 20 Holders

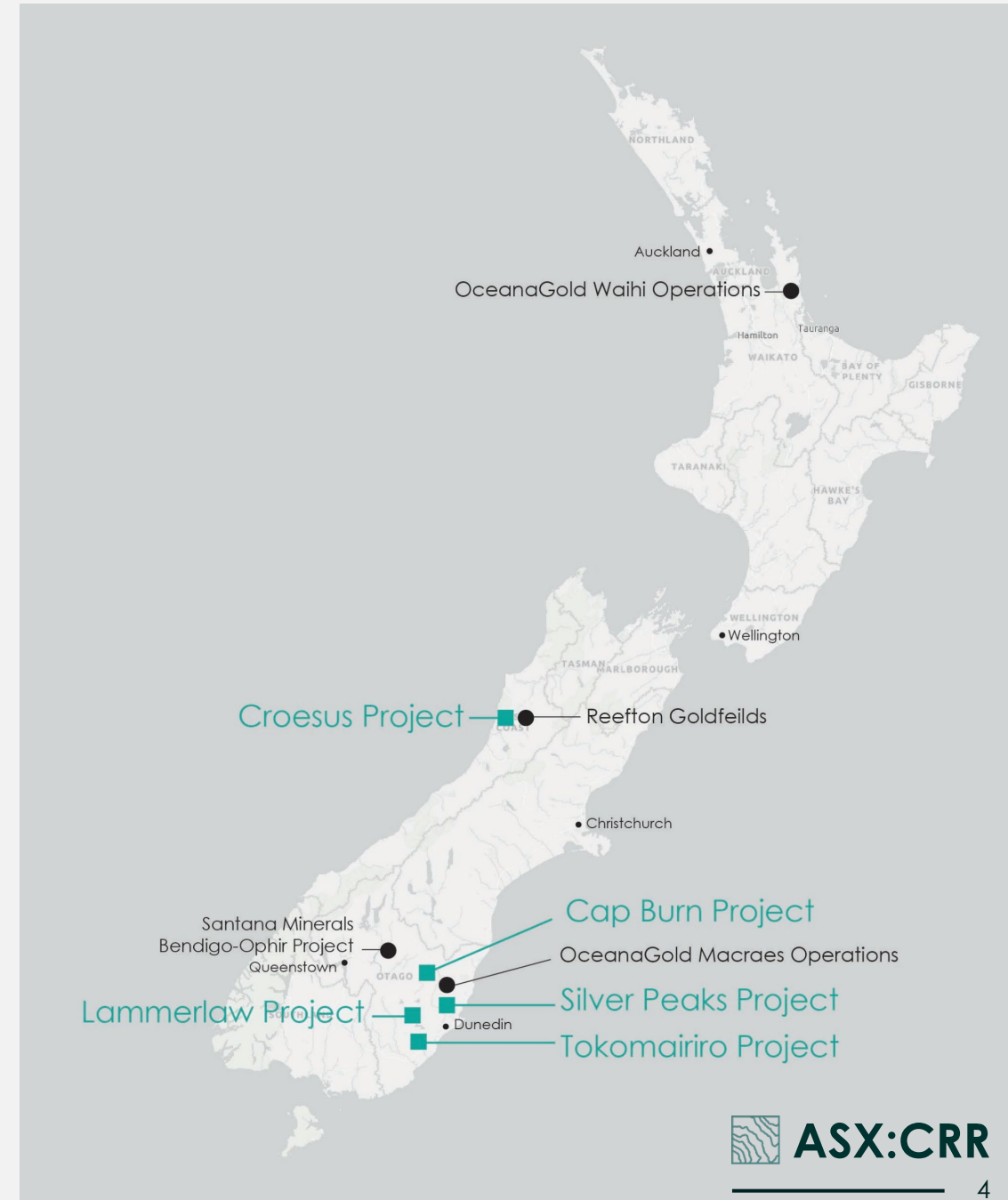


# The New Zealand Opportunity

Diverse gold-antimony portfolio to create momentum

- **Outstanding exploration potential.** Low-cost creation of a large-scale gold-antimony portfolio.
- **Significant scale opportunity:** OceanaGold's +10 Moz Macraes Operation<sup>1</sup>. 'Power of distribution law' indicates the potential of multiple +1 Moz deposits yet to be discovered within the Otago region.
- Breakthrough discovery at Santana Minerals Rise & Shine gold deposit has **renewed the exploration strategy.**
- **Drill-ready** Cap Burn project situated in a prime structural location.
- **In-Country Support** - New Zealand-based geological group, with links to the discovery and resource growth of the Rise and Shine deposit.
- **Extensive landholding:** 1,463 km<sup>2</sup> package covers the underexplored gold-antimony belts of Otago and Reefton. Low-holding costs.
- **Tier-1 jurisdiction:** Ranked 12<sup>th</sup> in the 2025 Fraser Institute Investment Attractiveness Index. New Zealand's Fast-Track Bill expedites permitting processes, supported by strong infrastructure and community engagement.

1. Based on OceanaGold Corporation - NI 43-101 Technical Report, Macraes Gold Mine, Otago, New Zealand - March 28, 2024



ASX:CRR





# Summary of New Zealand Projects

Diverse gold-antimony portfolio to create momentum

## Cap Burn

Otago Region

- **Advanced, drill-ready gold project** ~11 km from OceanaGold's Macraes Mine.
- Confirmed gold mineralisation coincident with a large arsenic-in-soil anomaly.
- Structurally analogous to Santana Minerals Rise and Shine discoveries but untested at depth.

## Silver Peaks

Otago Region

- Large-scale prospect near Macraes, containing historic Au-Sb lodes and mesothermal-style structures.
- Underexplored ground with district-scale potential.

## Lammerlaw

Otago Region

- Positioned along a major structural boundary (Caples-Torlesse terranes).
- Analogous geological setting to Macraes gold system with **mapped gold, antimony, and scheelite-bearing shears**.

## Tokomairiro

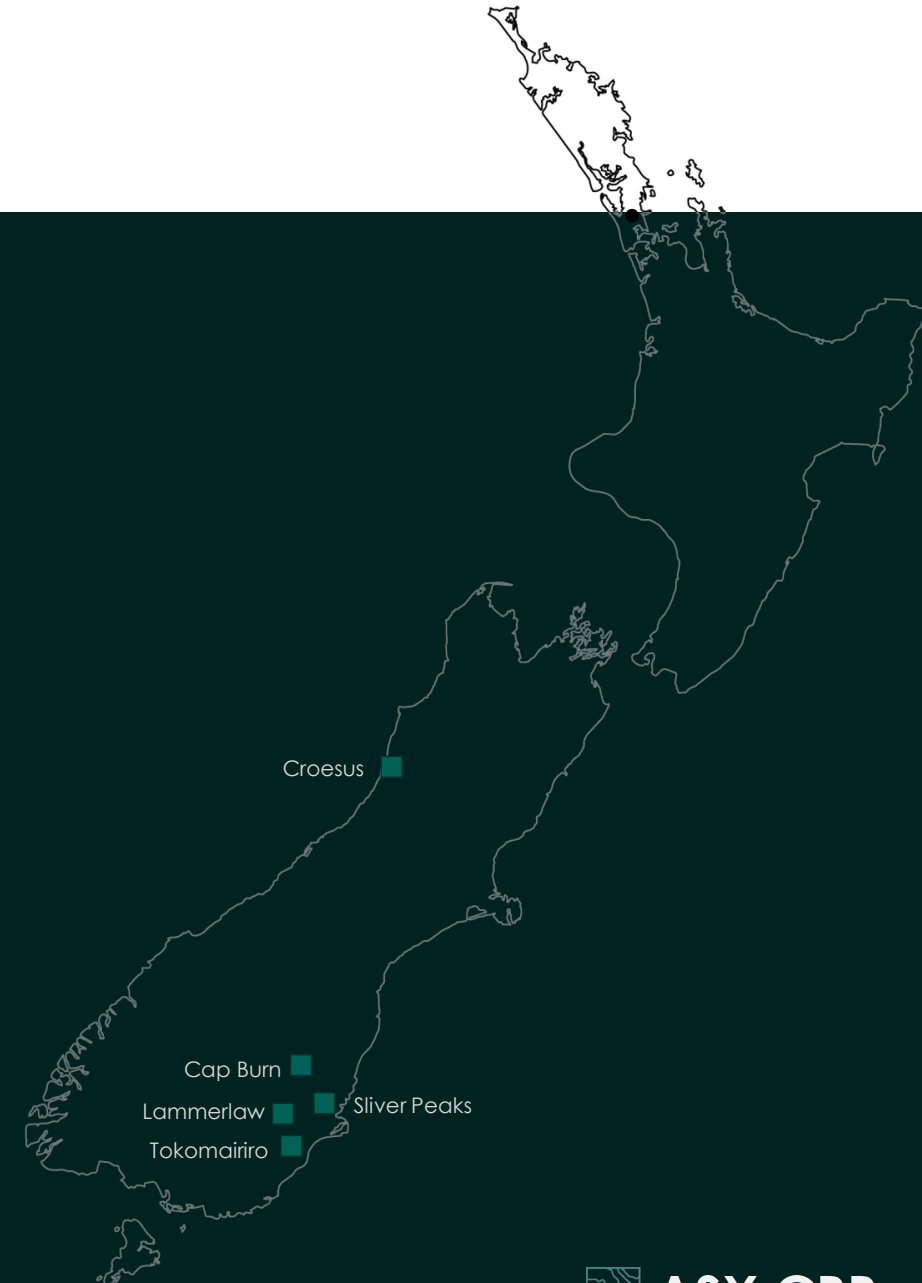
Otago Region

- Historical goldfield with recent **high-grade rock chip samples up to 135 g/t Au**.
- Multiple underexplored reef systems along a broader mineralised trend.

## Croesus

Reefton Goldfields

- Located near the Reefton Goldfield, with high-grade gold-antimony veins and tungsten-rich greisen systems.
- Multiple untested structural targets across a 5 km mineralised corridor.



ASX:CRR



# Cap Burn – Drill Ready

On strike from +10Moz Macraes Operations



**Critical  
Resources  
Limited**

For personal use only

Located on a major NW–SE shear corridor. ~11 km from Macraes +10 Moz Au Operations.

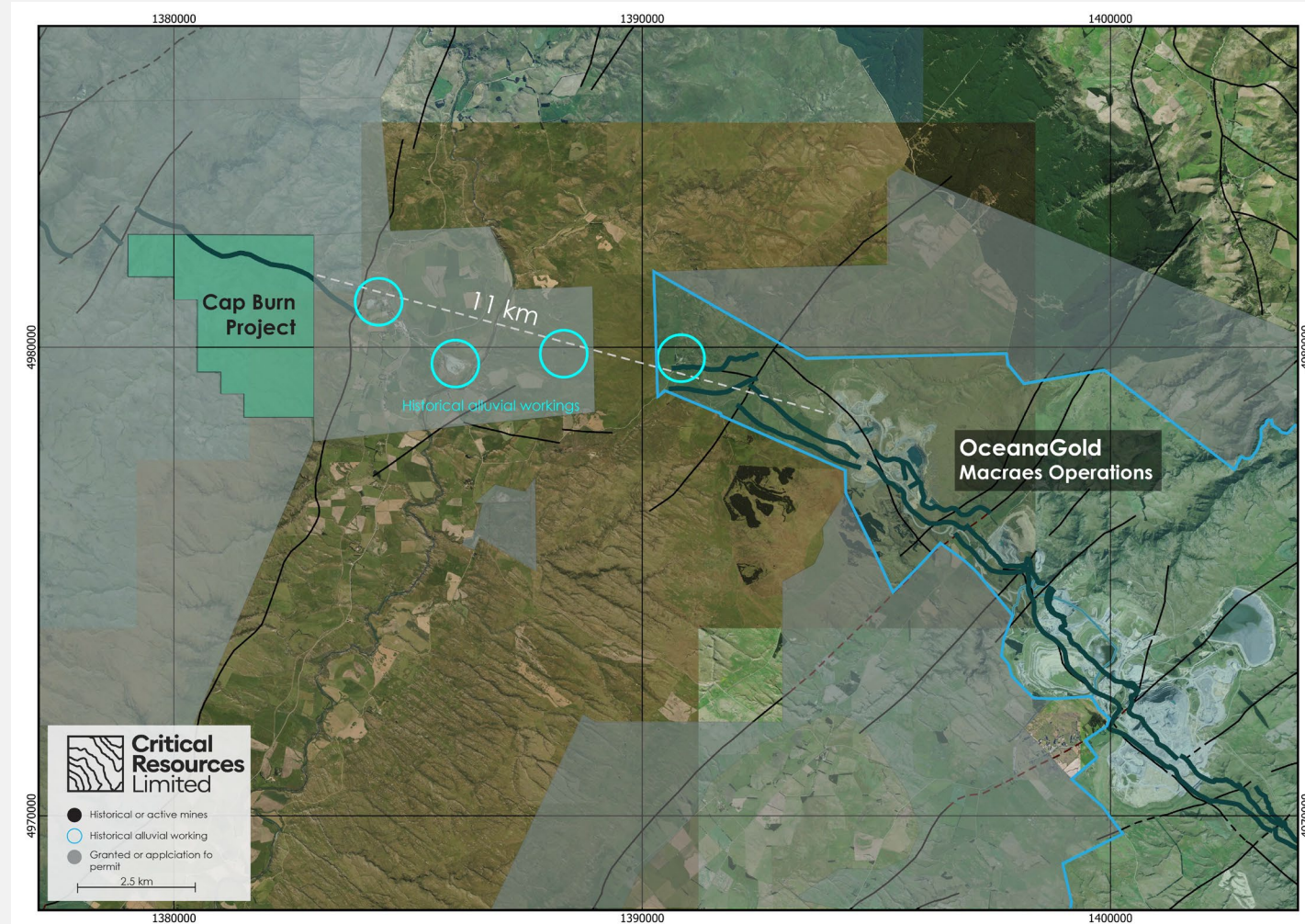
**Underexplored** - Legacy drilling targeted a large arsenic-in-soil anomaly, validating an orogenic gold system.

**New structural model leverages Santana Minerals' Rise and Shine discovery.**

Cap Burn drill tested in Dec-20 (5 months before Rise and Shine discovery, Apr-21)<sup>1</sup>.

**Excellent infrastructure. Fully permitted and drill-ready.** Supportive landowner.

Multiple drill targets along strike. **The initial phased drill program is expected to commence following exploration permit transfer.**



**ASX:CRR**

<sup>1</sup>. ASX:CRR announcement 6 August 2025





# Cap Burn – Rise & Shine Analogue

New structural model leverages Santana Minerals' Rise and Shine discovery

## Breakthrough factors.

Santana Minerals' Rise and Shine discovery came from a renewed structural model, stepping down plunge from surface arsenic-in-soil anomalies and low-grade mineralisation.

## Persistence Pays.

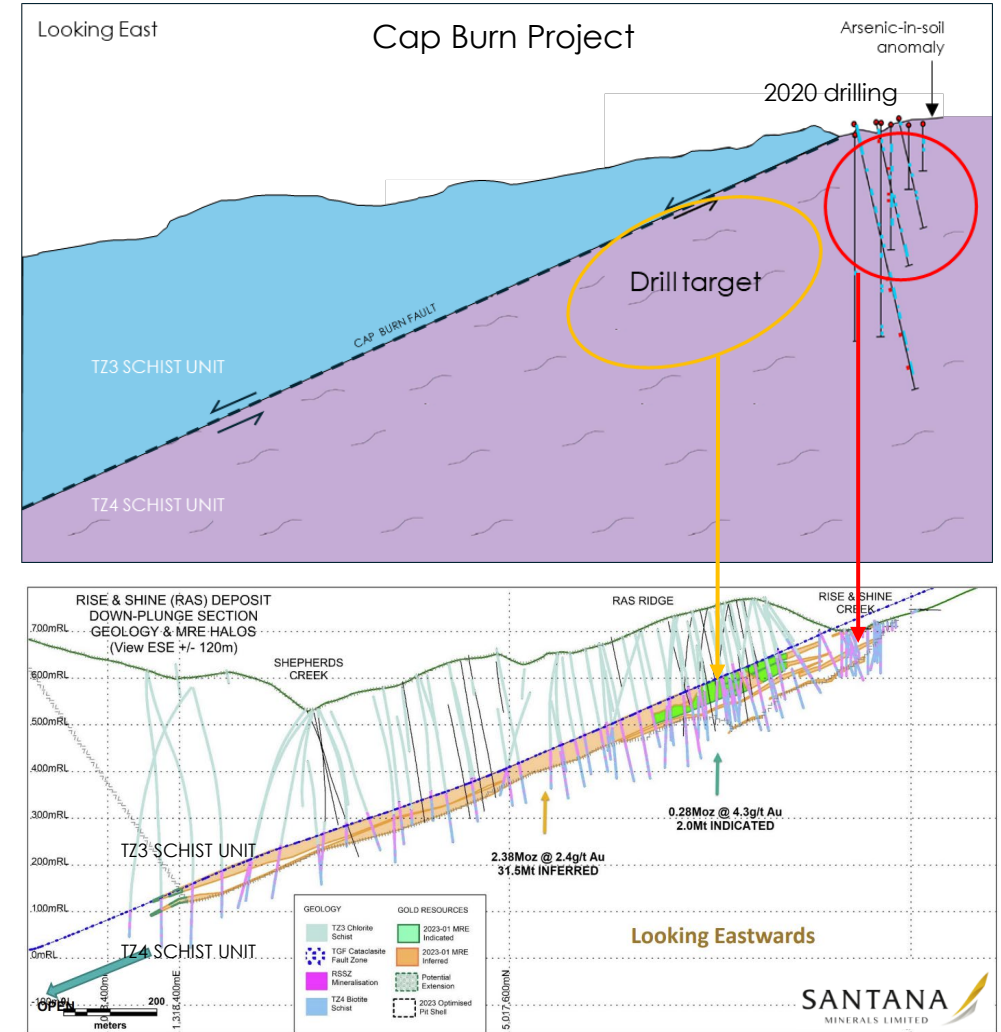
Rise and Shine was discovered (MDD007) in the third exploration phase<sup>2</sup>. Committed to drilling through barren cover (TZ3 unit).

## Untapped Potential.

Macraes +10 Moz endowment suggests multiple +1 Moz deposits; only Rise and Shine has been discovered. 'Power of distribution law'

## Shareholder Opportunity.

Leveraging learnings from Rise and Shine discovery, testing new geological models through systematic exploration.





# Cap Burn – Drill Ready

Leveraging Santana Minerals' Rise and Shine discovery

Initial drill target sits on the northern side of the Cap Burn Fault.

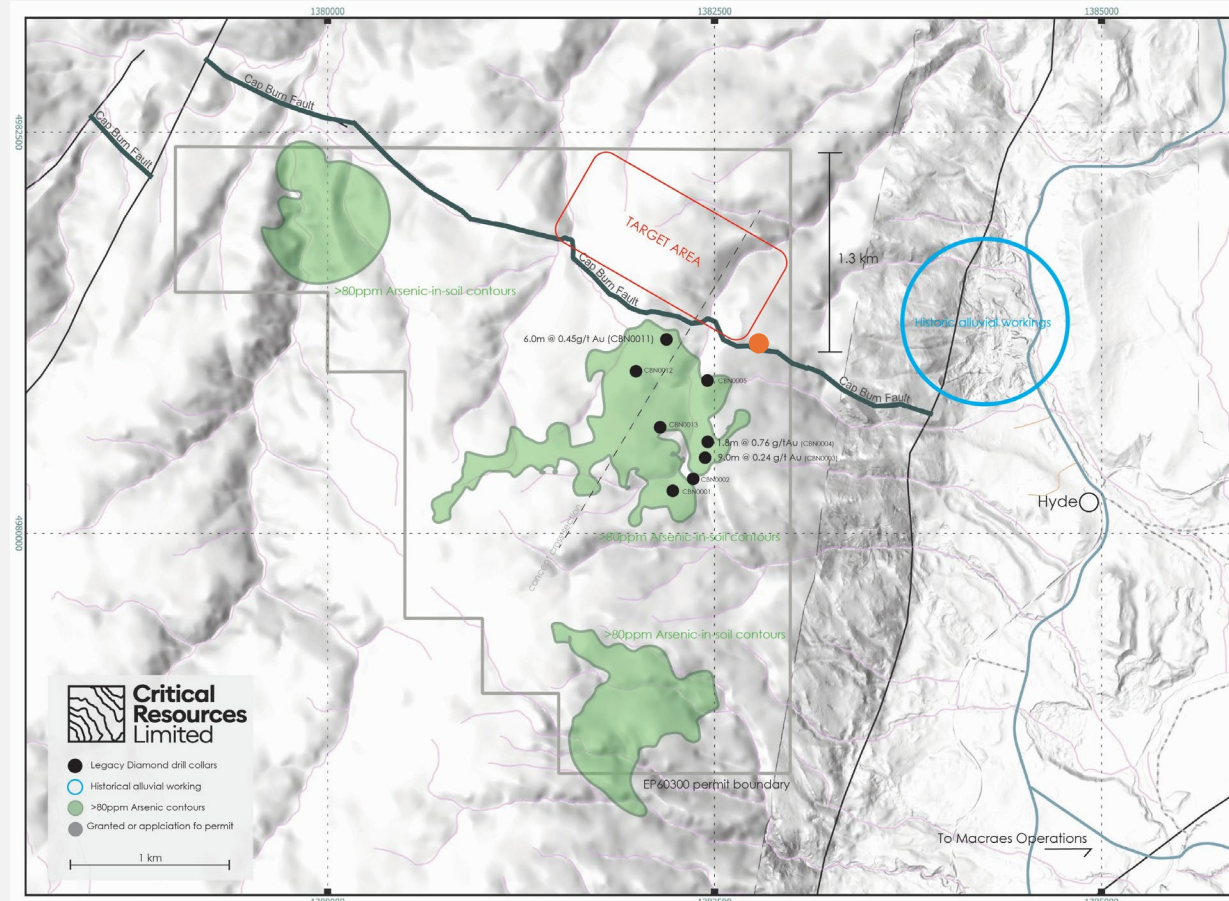
Cap Burn in the same structural corridor as Macraes shear zone & Bendigo-Ophir's Rise and Shine shear zone.

Cap Burn Fault marks the boundary between the TZ3 and TZ4 schist units.

TZ3 / TZ4 boundary considered the mineralising conduit for Macraes and Bendigo-Ophir gold systems.

Revised model mirrors Rise & Shine shear system, targeting low-angle shoots plunging from surface arsenic halos.

**Untested down plunge = significant discovery potential.**







# OTAGO OPPORTUNITY

Large land holding in under-explored region

## Silver Peaks - 499 km<sup>2</sup>

Immediately south of the Hyde–Macraes Shear Zone. Significant portions remain untested by modern exploration.

Hosts the **strike extension of historic Mt Stoker and Lamb Hill Au–Sb lodes**, with mapped fault zones, brecciated shears, and quartz veining.

## Lammerlaw - 493 km<sup>2</sup>

Located along the southern limb of a regional-scale antiform within the Otago Schist Belt, analogous to the Macraes gold system found on the northern limb.

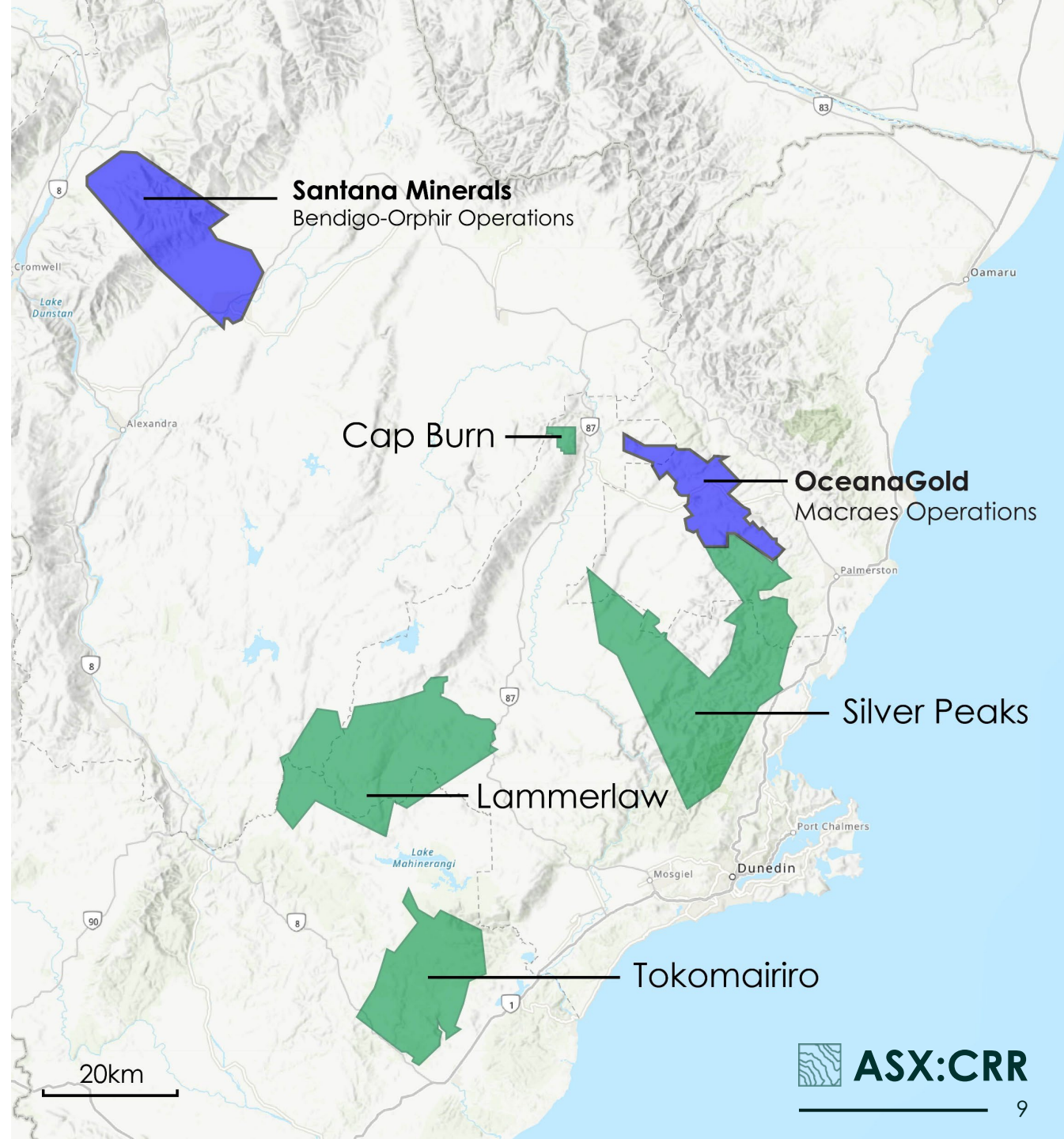
**Historical workings and mapped shear zones include antimony and scheelite occurrences.** Limited modern exploration offers an opportunity for discovery.

## Tokomairiro - 276 km<sup>2</sup>

Historical Production ~25,000 oz Au from high-grade quartz reefs between 1874–1909.

- Recent fieldwork identified several high-grade quartz veins, with **rock chips returning up to 135 g/t Au<sup>1</sup>**.
- The Tokomairiro area remains underexplored, with **multiple reef systems and a broader mineralised trend** that could support future drill targeting.

<sup>1</sup>. ASX:CRR announcement 6 August 2025

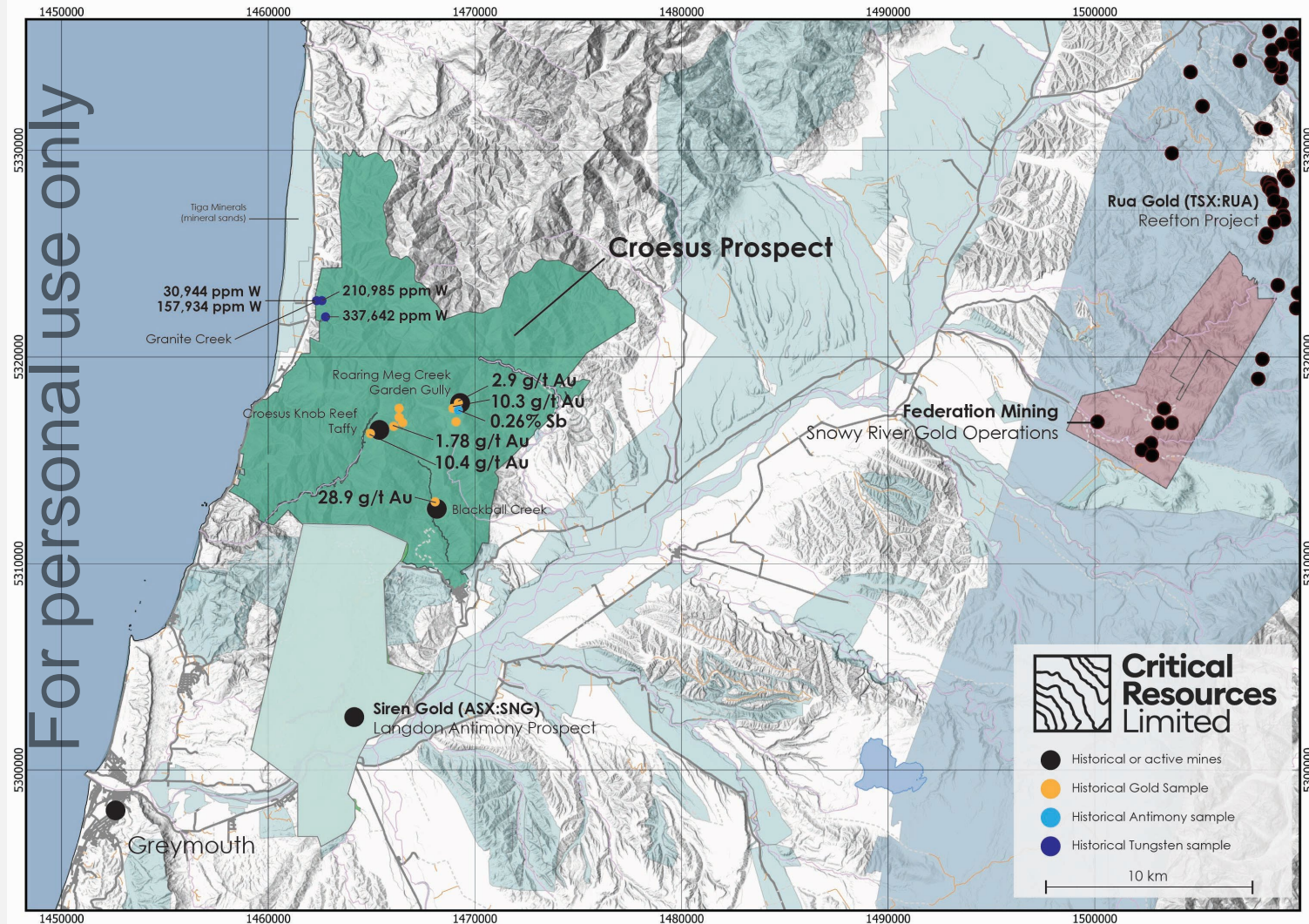






# CROESUS – Reefton Region

High Impact Exploration Target



- Multiple **priority gold-antimony targets** + high grade Tungsten target.
- Located in the Paparoa Goldfields.
- **Stibnite reported** in quartz lodes at several localities in the Croesus Knob Reefs.
- **Modern mining resurgence** in Reefton with Federation Mining Snowy River operations, Rua Gold (TSX-V: RUA) and Siren Gold (ASX:SNG).
- **Proven potential with several historic gold and antimony mines** within the permit area:
  - Croesus Reef / Taffy
  - Roaring Meg / Garden Gully
- **High-grade confirmed** with rock chip samples up to 28.9 g/t Au and 33.8 % W<sup>1</sup>.
- Long history of mining with **established infrastructure and strong community support**.

<sup>1</sup>. ASX:CRR announcement 6 August 2025





**Critical  
Resources**  
Limited

# Halls Peak Project

Gold - Antimony - Base metals

NSW - AUSTRALIA



**ASX:CRR**





# Mayview – Au/Sb

Emerging target - Potential Hillgrove-style orogenic antimony-gold system

Located adjacent to Larvotto Resources Limited (ASX:LRV) Hillgrove antimony-gold operations.

Depressed antimony markets and extended ownership have resulted in a lack of modern exploration activity in the area.

Numerous historical antimony workings, defining a structural corridor and an immediate exploration target.

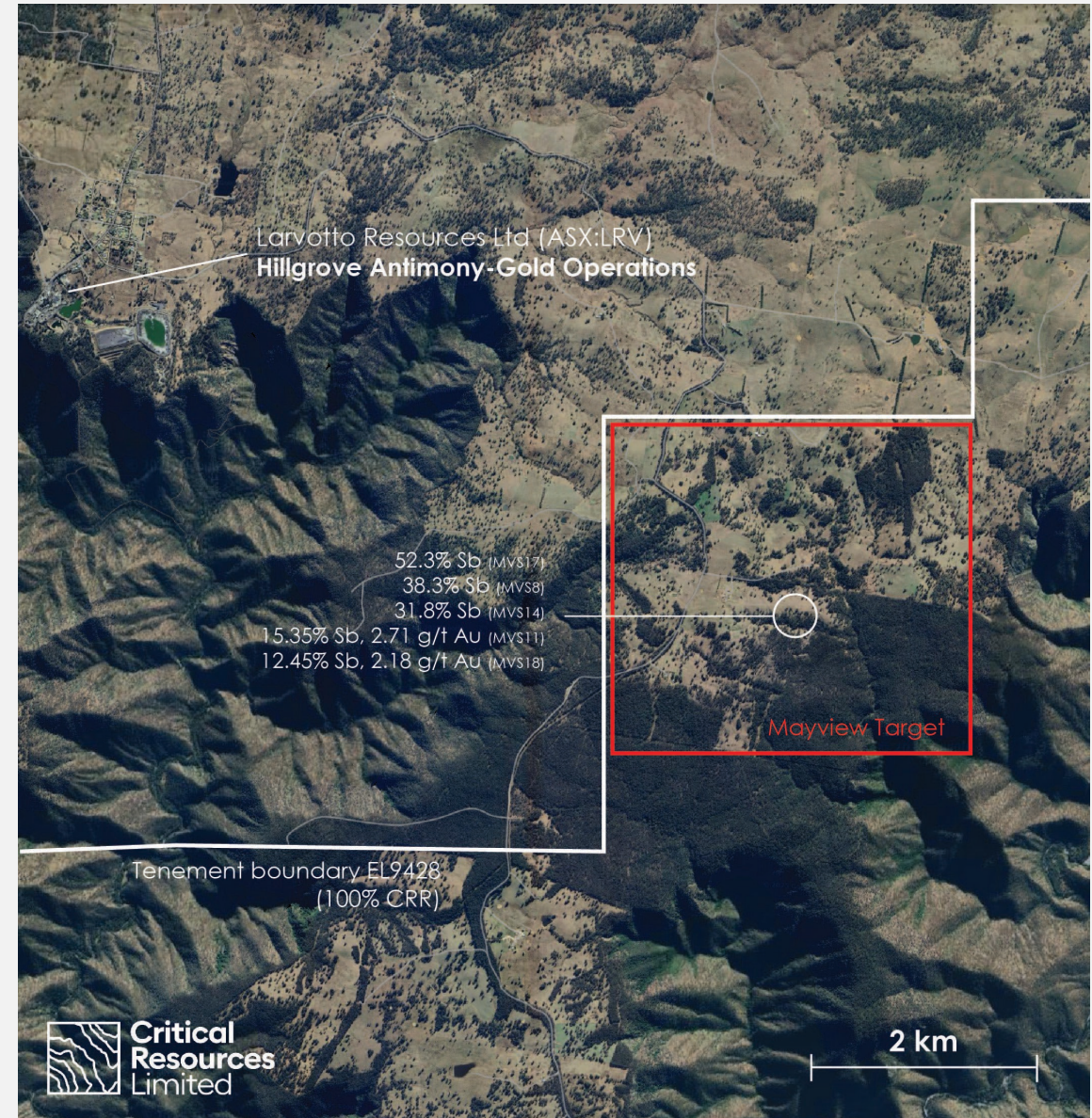
High-grade rock samples from old antimony workings demonstrate fertile corridor <sup>1</sup>:

- **52.3% Sb** (MVS17)
- **38.3% Sb** (MVS8)
- **31.8% Sb** (MVS14)
- **15.35% Sb, 2.71 g/t Au** (MVS11)
- **12.45% Sb, 2.18 g/t Au** (MVS18)

Close to infrastructure and an established mining-friendly community.

- Applications for soil mapping and a maiden drill program are advancing, with active discussions for land access agreement.

<sup>1</sup>. ASX:CRR announcement 16 December 2024



ASX:CRR





# Amoco – Au/Sb

High-grade orogenic gold-antimony system potential



**Critical  
Resources  
Limited**

For personal use only

Scale potential. ~1 km mineralisation corridor

High grade surface rock samples - **17.9 g/t Au, 0.7 % Sb** and **53.2 g/t Ag**<sup>1</sup>.

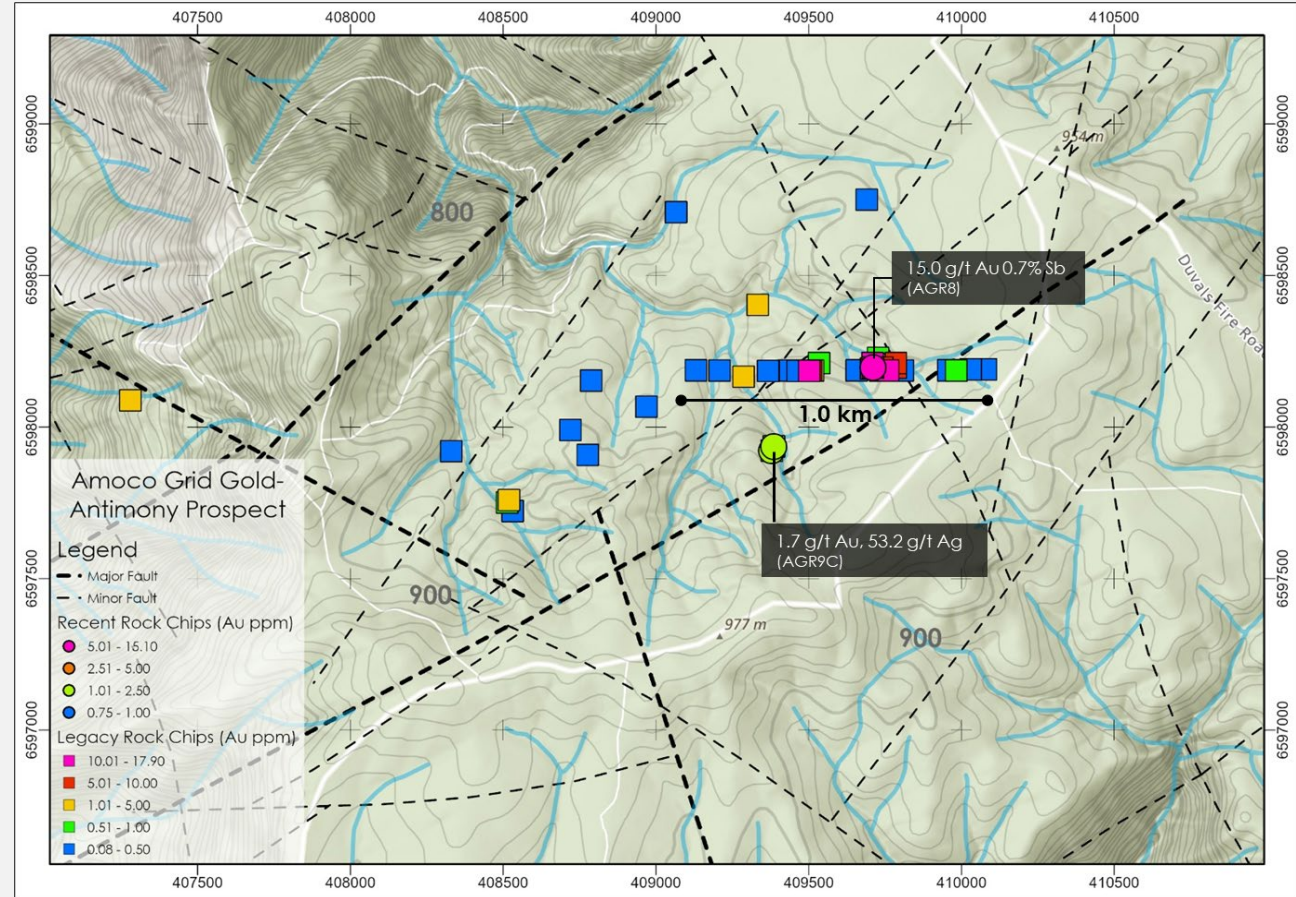
~19 km SE of Larvotto Resources Limited (ASX:LRV) Hillgrove antimony-gold operations and ~14 km E of Koonenberry Gold (ASX:KNB) Enmore.

Orogenic Au/Sb system potential – Petrographic review identified structurally controlled quartz–sulphide veining<sup>2</sup>.

Airborne mag identified multiple untested fault corridors.

**Maiden drill permitting lodged with NSW Resources Regulator.** Approvals expected shortly.

- Drill targets being defined. Soil-geochemistry program completed – **awaiting assay results.**



<sup>1</sup> ASX:CRR announcement 4 June 2025

<sup>2</sup> ASX:CRR announcement 2 July 2025



**ASX:CRR**



# Why Antimony Matters.

Growing Demand vs Concentrated Supply from China and Russia

Antimony is critical for the military, manufacturing and renewable energy sectors.

Essential for the energy transition - **Expanding applications in batteries and solar panels have intensified demand pressures.**

Primarily used as an alloy hardener, flame-retardant agent and **a critical component for solar panel glass efficiency and stability.**

**Photovoltaics sector to become to largest user of antimony.**

Antimony is recognised as a top critical raw material/mineral in the EU, US, UK, India, South Korea, Japan and Australia.

## Supply constraints - driving a significant rise in pricing.

Fragmented market - **83% of antimony production** - China, Russia and Tajikistan.

Recent China export controls and mine closures have tightened global supply.

**Lack of alternative supply sources.** The U.S. and Europe rely heavily on imports, with no major domestic production.

- Mining operations outside China fail to meet the growing demand.
- **Potential for ongoing supply shortages for many years.**



Rock sample from Mayview Prospect - **27.5 % Sb** (MVS16)  
ASX:CRR announcement - 16 December 2024



**ASX:CRR**





**Critical  
Resources**  
Limited

# Mavis Lake Project

Lithium

ONTARIO - CANADA



**ASX:CRR**



# Mavis Lake - Lithium

Strategically important North American lithium resource

**Growing 8Mt @ 1.07% Li<sub>2</sub>O<sup>1</sup> lithium resource with substantial expansion potential** - Ontario, Canada.

**Strategically located** to support the North American battery manufacturers.

**World Class Infrastructure** – excellent access to multiple transport corridors and Hydro/gas power utility networks.

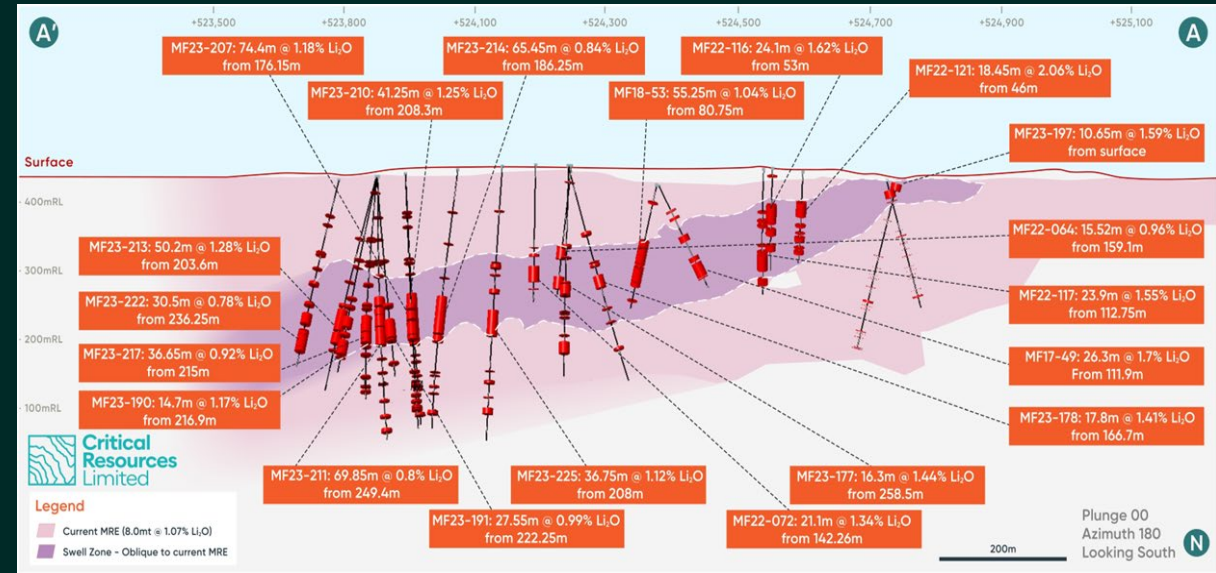
Extensive land holding with numerous drill-ready targets identified – **Tot, Gullwing and Corona Prospects**

1<sup>st</sup> phase metallurgical test work highlighted **recoveries up to 87%<sup>2</sup>**, with significant potential to improve process flowsheet.

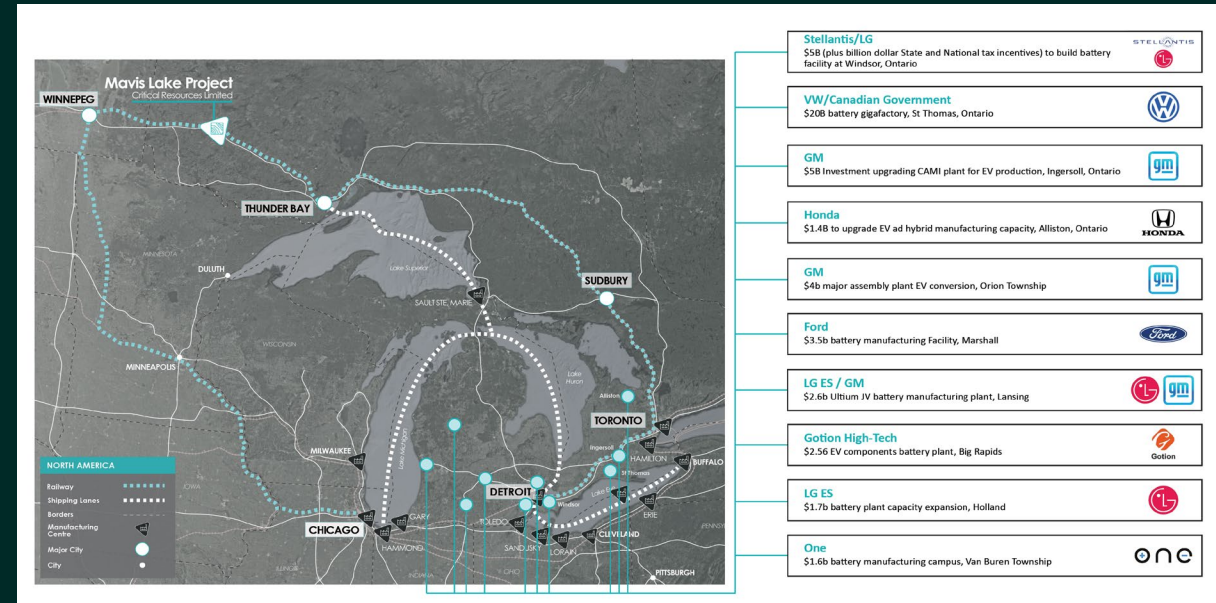
Studies paused. **Continuing low-cost value-adding work-streams in preparation** for when markets improve.

North American regional battery/EV production investment exceeds \$47 billion.

Canada's Government has prioritised initiatives to strengthen its critical mineral supply chains and provide a supportive policy environment, such as Ontario's '**fast-track**' bill aimed at streamlining the approval process for mining and infrastructure projects.



Mavis Lake main Zone Long Section<sup>3</sup>



Mavis Lake Project location and transport routes

1. ASX:CRR announcement - Maiden Mineral Resource at Mavis Lake - 5 May 2023
2. ASX:CRR announcement - Excellent Results from Metallurgical Test Work - 3 April 2023
3. ASX:CRR announcement - Corporate Presentation 2024 – 8 May 2024





# Next Steps

Proposed Operations and anticipated timelines



**Critical  
Resources  
Limited**

## Cap Burn Gold Project

- Completion of acquisition and permit transfer - Sept 25.
- Initial RC drill program **targeted to commence – Oct/Nov 25.**

## Silver Peaks, Lammerlaw, Tokomairiro and Croesus

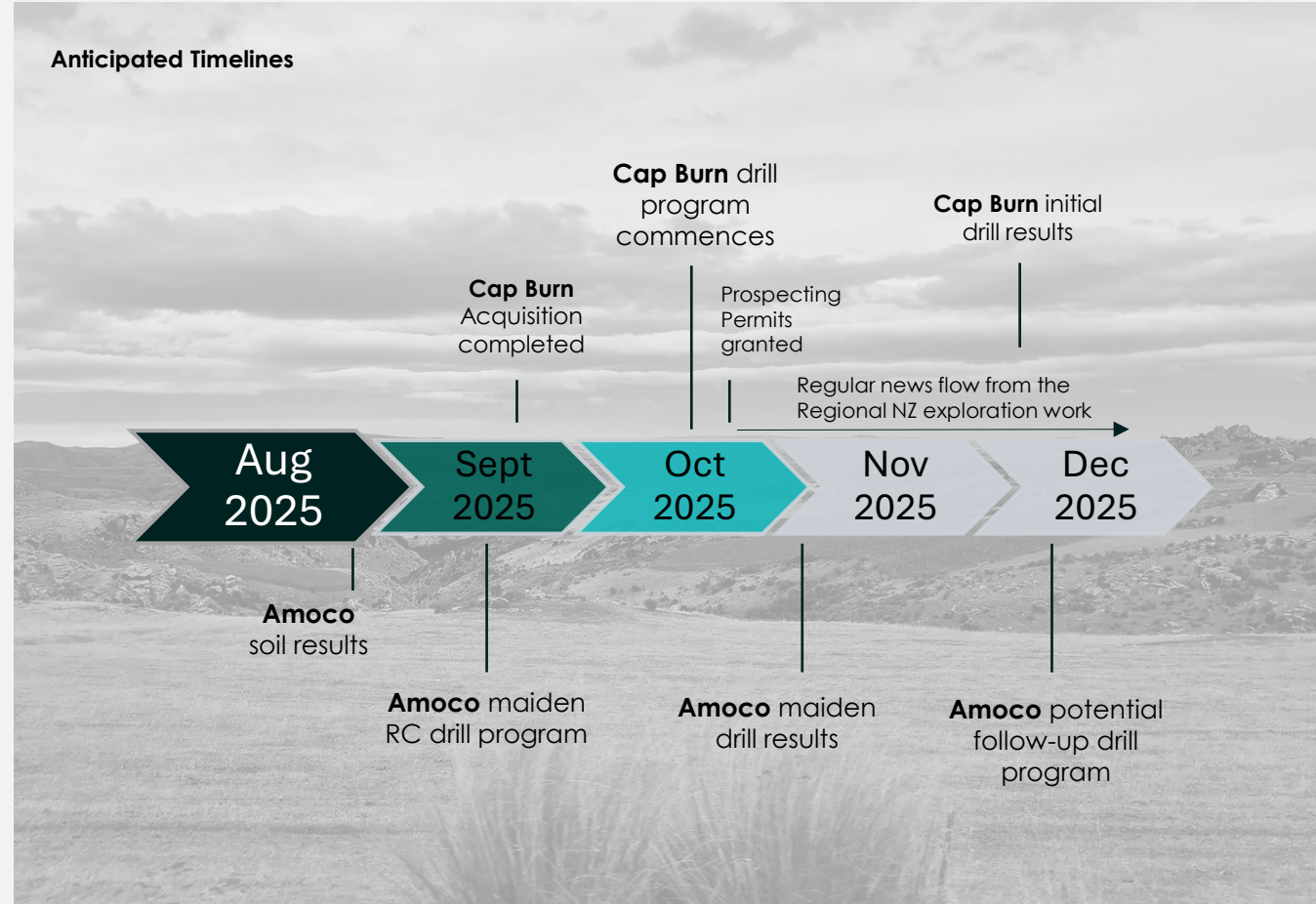
- Detailed regional exploration planning underway with priority targets.
- Field work to commence after grant of prospecting permits (PP), expected over a period Oct-Dec 2025.

## Halls Peak – Gold-Antimony Project

- Amoco - maiden drill RC program - September 2025.
- Mayview – Land Access Agreement – ongoing.

## Mavis Lake - Lithium

- Environment and studies continuing.



The above timeframes are indicative only and subject to change without notice (subject to the Corporations Act 2001 (Cth), New Zealand Crown Minerals Act 1991 (CMA) and ASX Listing Rules).

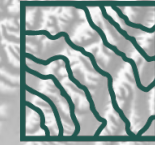


**ASX:CRR**



# CRR – Value proposition

Multiple opportunities for potential re-rating



**Critical  
Resources  
Limited**

## Key drivers.

Exceptional **pipeline of gold-antimony and lithium projects.**

Multiple drill targets - **High discovery potential.**

Low-cost creation of a strategic New Zealand portfolio.

Large low-holding cost **tenement portfolio in underexplored Tier-1 geology and jurisdictions.**

Advancing strategic lithium resources with **cost-effective workstreams to add long-term value.**

Exposure to the dynamic gold and antimony markets and critical minerals project funding opportunities.

**Shareholder-focused** - Proven management team. Directors and management **own 10.4% of CRR.**

- Building exploration **momentum to deliver consistent news flow.**



**ASX:CRR**





**Critical Resources Limited**

[www.criticalresources.com.au](http://www.criticalresources.com.au)

# Mineral Resource Statement

## COMPLIANCE STATEMENT

This document contains information relating to the Mineral Resource estimate for the Mavis Lake Lithium Project, extracted from the Company's ASX announcement dated 5 May 2023. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply. The Mavis Lake MRE includes all applicable drilling results up to and including 29 March 2023. The Mavis Lake MRE has been reported at a cut-off grade of 0.3% Li<sub>2</sub>O and an open-pit mining scenario. A Bulk Density of 2.8 has been used for mineralised pegmatite. Estimation has been completed using inverse distance weighting. Resource classification is according to the JORC Code Mineral Resource categories.

This document contains information relating to the Mineral Resource estimate for the Halls Peak Project, which is extracted from the Company's ASX announcement dated 30 June 2023. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply. The Halls Peak MRE has been reported at a cut-off grade of 2% zinc and an open-pit mining scenario. This yields a total metal value that is potentially economically viable for open-pit mining. The MRE incorporates the reasonable prospects for eventual economic extraction assumed for open-pit mining. Resource classification is according to the JORC Code Mineral Resource categories.

This document contains information on the Cap Burn, Silver Peaks, Lammerlaw, Tokomairiro, and Croesus Projects extracted from ASX market announcement dated 6 August 2025 reported in accordance with the 2012 JORC Code and available for viewing at [www.criticalresources.com.au](http://www.criticalresources.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

This document contains information on the Halls Peak Project extracted from ASX market announcements dated 22 November 2021, 30 June 2023, 28 August 2024, 12 September 2024 and 3 October 2024, 8 November 2024, 19 November 2024 4 December 2024, 16 December 2024, 12 February 2025 and 20 March 2025 reported in accordance with the 2012 JORC Code and available for viewing at [www.criticalresources.com.au](http://www.criticalresources.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

This document contains information on the Mavis Lake Project extracted from ASX market announcements dated 25 October 2021, 16 June 2022, 21 July 2022, 13 September 2022, 25 October 2022, 31 October 2022, 20 December 2022, 23 January 2023, 9 February 2023, 27 March 2023, 3 April 2023, 16 June 2023, 27 June 2023, 17 July 2023, 24 July 2023, 21 August 2023, 13 September 2023, 19 September 2023, 19 October 2023, 24 October 2023, 2 November 2023, 15 November 2023, 13 February 2024, 18 March 2024, 17 April 2024, 2 May 2024, 22 May 2024, 29 May 2024, 2 July 2024, 8 July 2024, 24 July 2024, 22 August 2024, 28 October 2024, 30 October 2024, 2 December 2024 and 27 June 2025 reported in accordance with the 2012 JORC Code and available for viewing at [www.criticalresources.com.au](http://www.criticalresources.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

All announcements are available for viewing at the Company's website [www.criticalresources.com.au](http://www.criticalresources.com.au).

## Mavis Lake Lithium Project - Mineral Resource Estimate

Mavis Lake -Lithium Project JORC Classification	Li <sub>2</sub> O Cut-Off grade (%)	Tonnage (Mt)	Li <sub>2</sub> O (%)
Inferred	0.3	8.0	1.07
<b>Total*</b>		<b>8.0</b>	<b>1.07</b>

\*Reported at a cut-off grade of 0.30% Li<sub>2</sub>O for an open pit mining scenario. Estimation for the model is by inverse distance weighting. Classification is according to JORC Code Mineral Resource categories. Refer to ASX:CRR announcement 5 May 2023.

## Halls Peak – Gibson Base Metals Project - Mineral Resource Estimate

Halls Peak Project JORC Classification	Zn Cut-Off grade (%)	Tonnage (Mt)	Zn (%)	Pb (%)	Cu (%)	Ag ppm (g/t)	Au ppm (g/t)
Indicated	-	-	-	-	-	-	-
Inferred	2.0	0.84	3.7	1.5	0.44	30	0.1
<b>Total*</b>	-	<b>0.84</b>	<b>3.7</b>	<b>1.5</b>	<b>0.44</b>	<b>30</b>	<b>0.1</b>

\*Reported at a cut-off grade of 2% Zn for an open pit mining scenario. Estimation for the model is from the generation of a rotated block model, with blocks dipping 55>330°. Classification is according to JORC Code Mineral Resource categories. Refer to the ASX:CRR announcement 30 June 2023.