



# New Zealand Gold-Antimony Projects

ASX:CRR

Investor Presentation  
August 2025

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





# Overview of Critical Resources

Targeting the next High-Grade Critical Metals Discovery.

 ASX:CRR

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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

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- 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.



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



# Summary of New Zealand Projects

Diverse gold-antimony portfolio to create momentum

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## 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

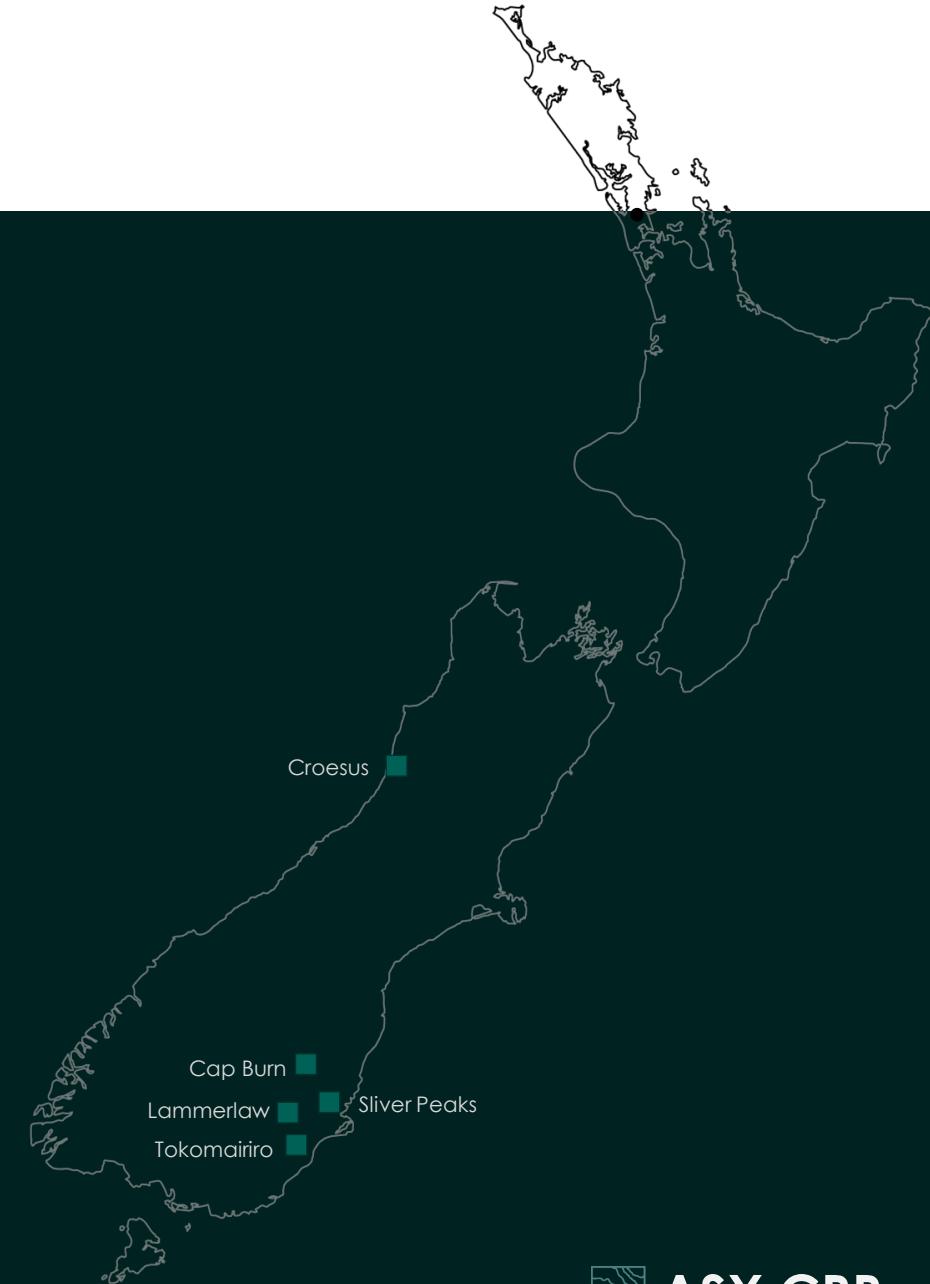
Otago Region

- 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.





# Cap Burn – Drill Ready

On strike from +10Moz Macraes Operations



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

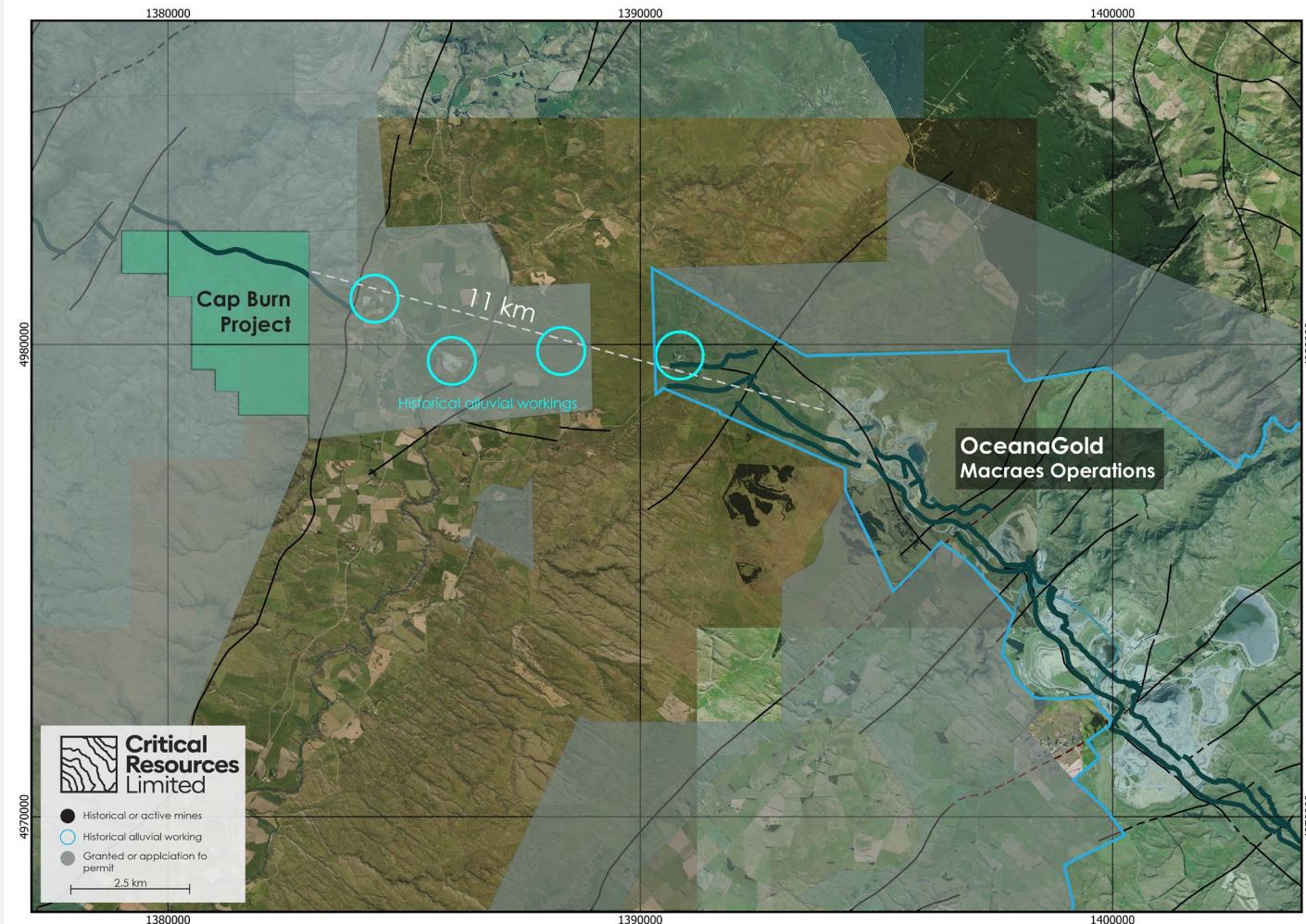
**Underexplored** - Legacy drilling targeted a large arsenic-in-soil anomaly, validating an orogenic gold system.

**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.**



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



# Cap Burn – Rise & Shine Analogue

New structural model leverages Santana Minerals' Rise and Shine discovery

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## 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.

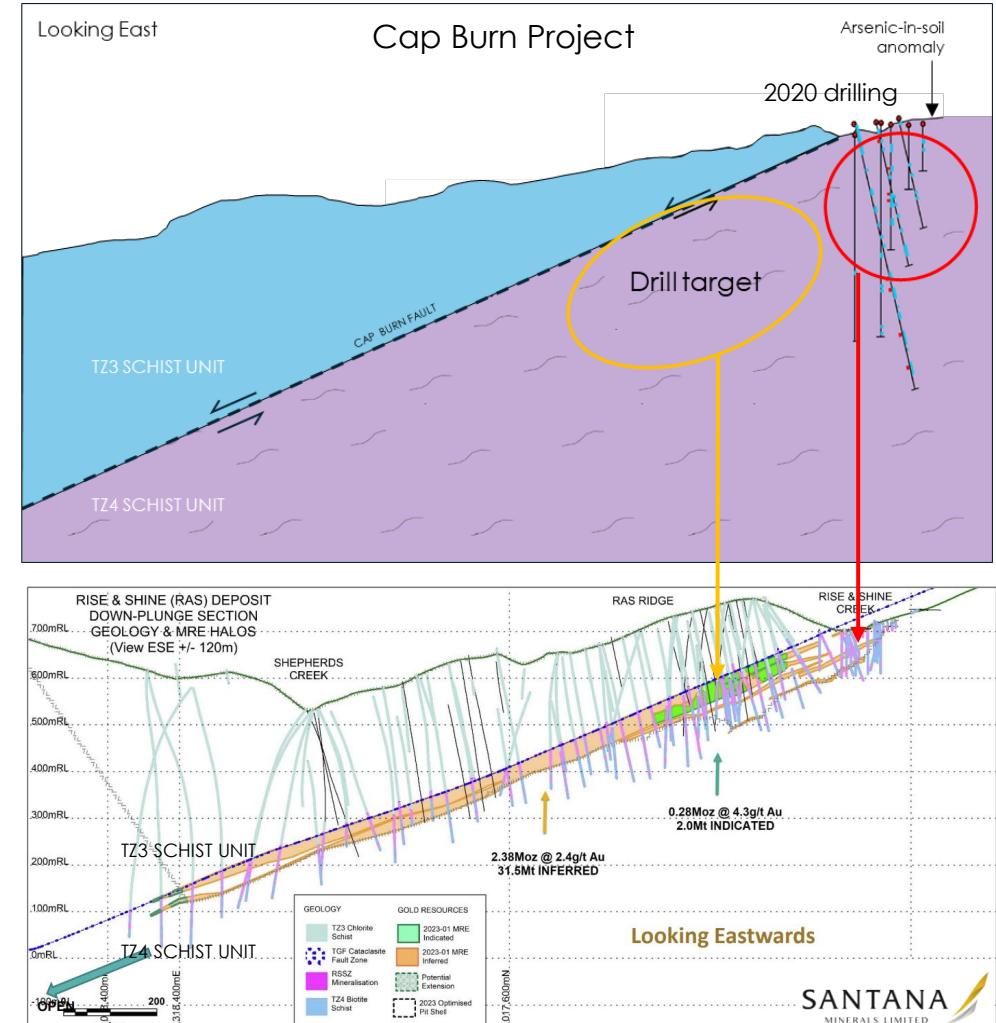
Rise and Shine was discovered (MDD007) in the third exploration phase<sup>2</sup>. Committed to drilling through barren cover (TZ3 unit).

## 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 Project cross-section (top) – conceptual down-plunge target at Cap Burn with comparison to Santana Minerals Rise and Shine cross-section (bottom) (Santana Minerals (ASX:SMI) August 2023 investor presentation, slide 9) **[note: cross sections are not to the same scale]**



# Cap Burn – Drill Ready

Leveraging Santana Minerals' Rise and Shine discovery

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

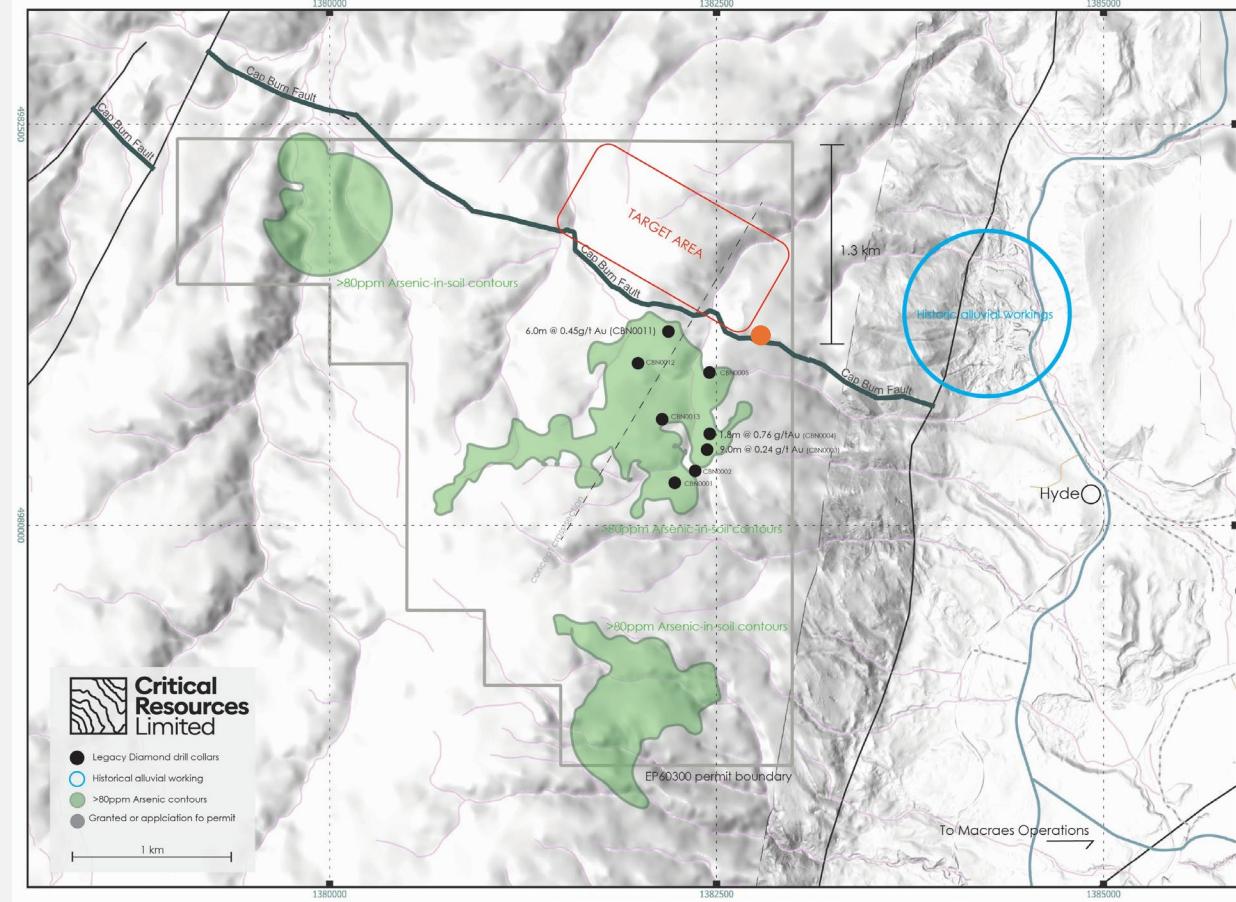
Cap Burn in the same structural corridor as Macraes shear zone & Bendigo-Ophir's Rise and Shine shear zone.

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

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## 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>

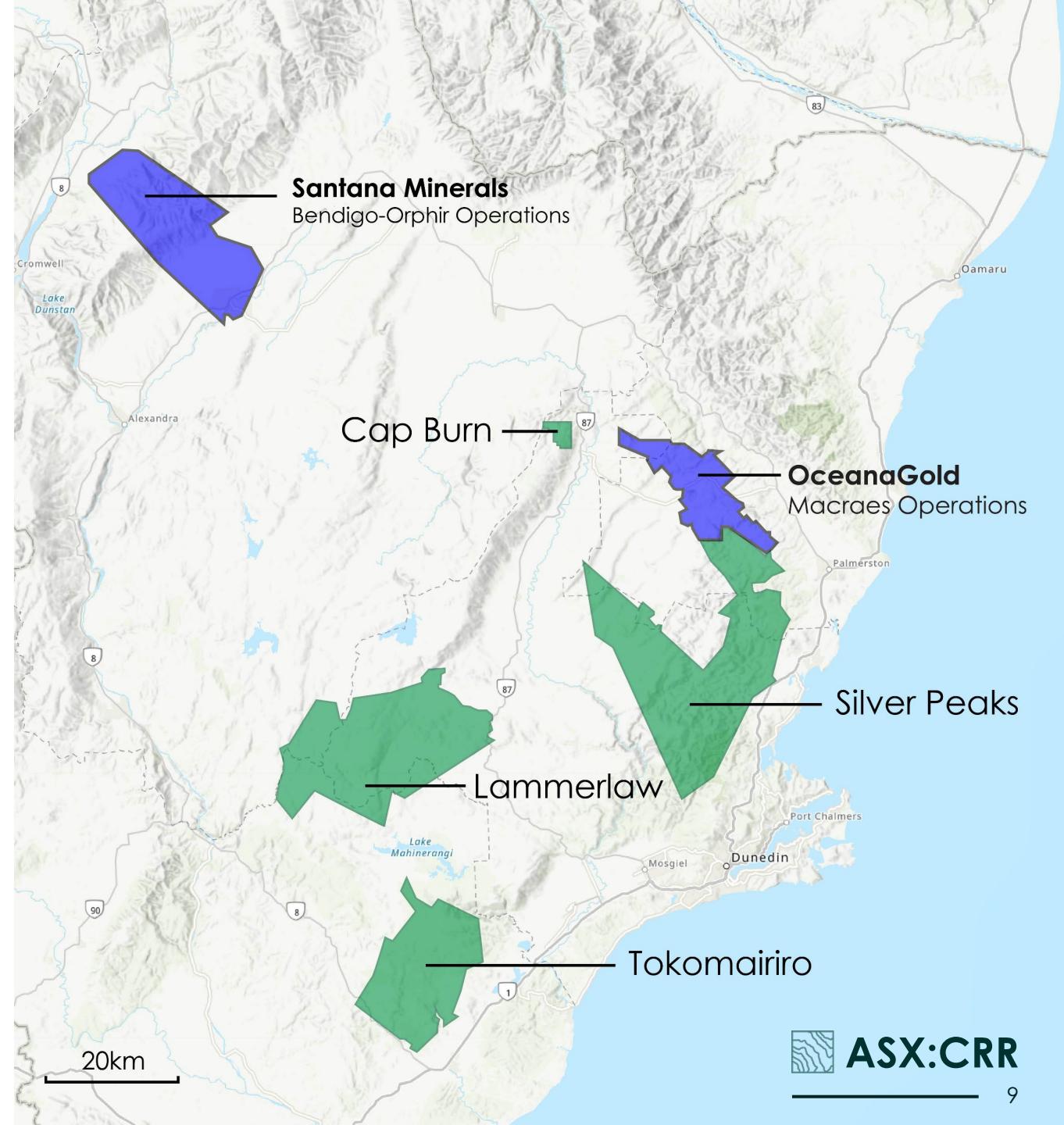
Located along the southern limb of a regional-scale antiform within the Otago Schist Belt, analogous to the Macraes gold system found on the northern limb.

**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.

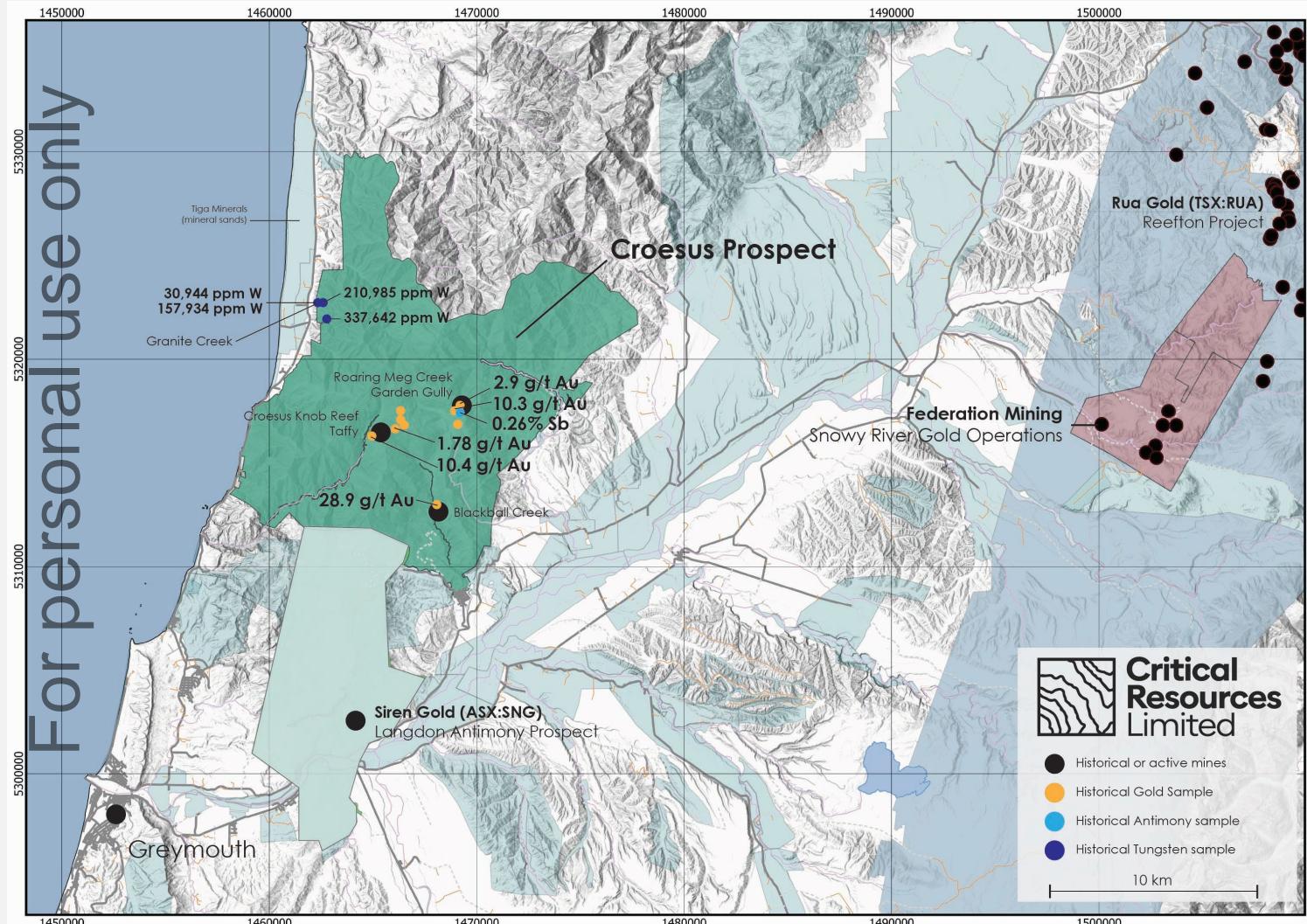
- Recent fieldwork identified several high-grade quartz veins, with **rock chips returning up to 135 g/t Au<sup>1</sup>**.
- The Tokomairiro area remains underexplored, with **multiple reef systems and a broader mineralised trend** that could support future drill targeting.





# CROESUS – Reefton Region

High Impact Exploration Target



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

- 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**.

# Halls Peak Project

Gold - Antimony - Base metals

NSW - AUSTRALIA



 ASX:CR



# Mayview – Au/Sb

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

Located adjacent to Larotto 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.

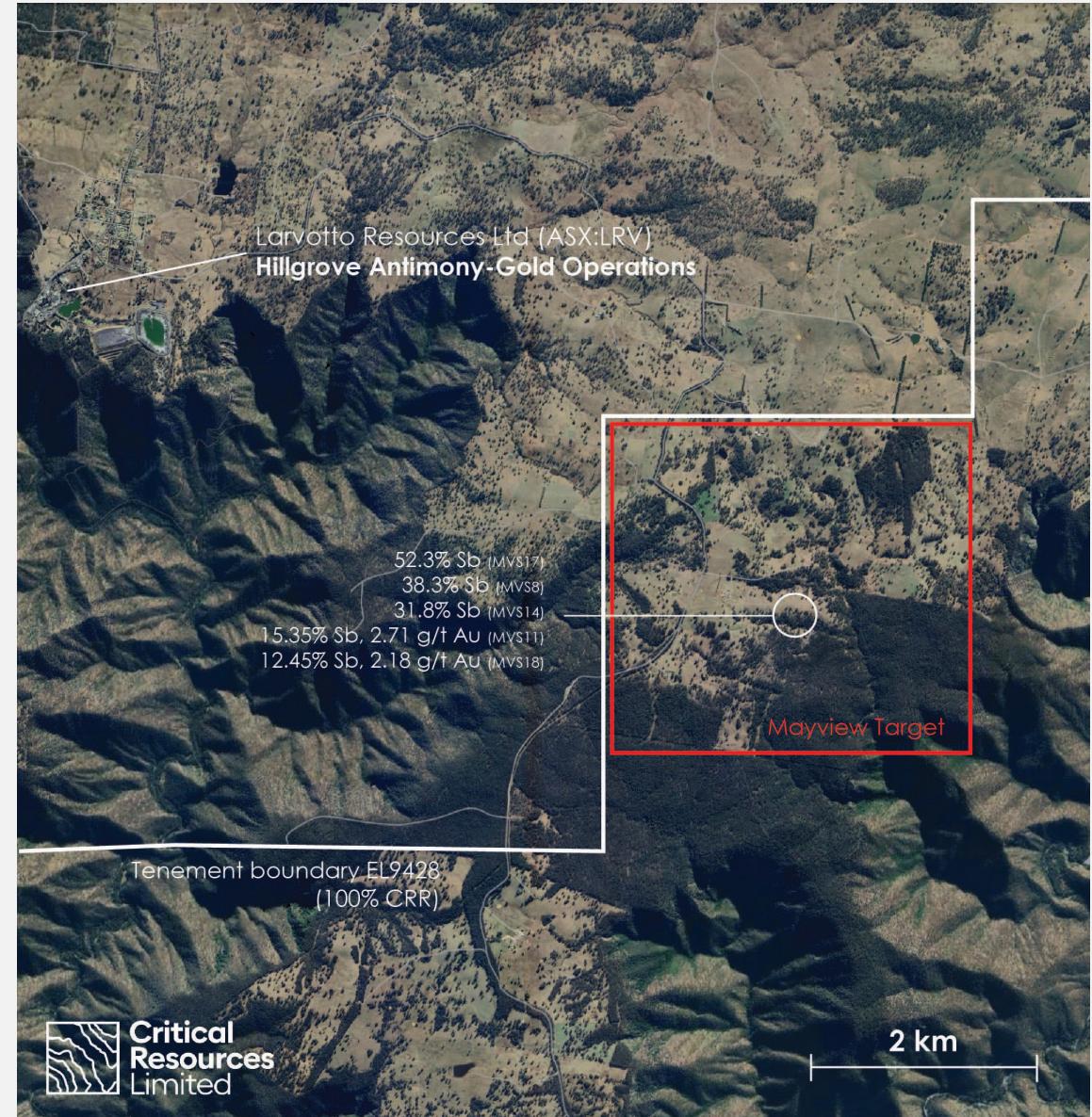
Numerous historical antimony workings, defining a structural corridor and an immediate exploration target.

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



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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>.

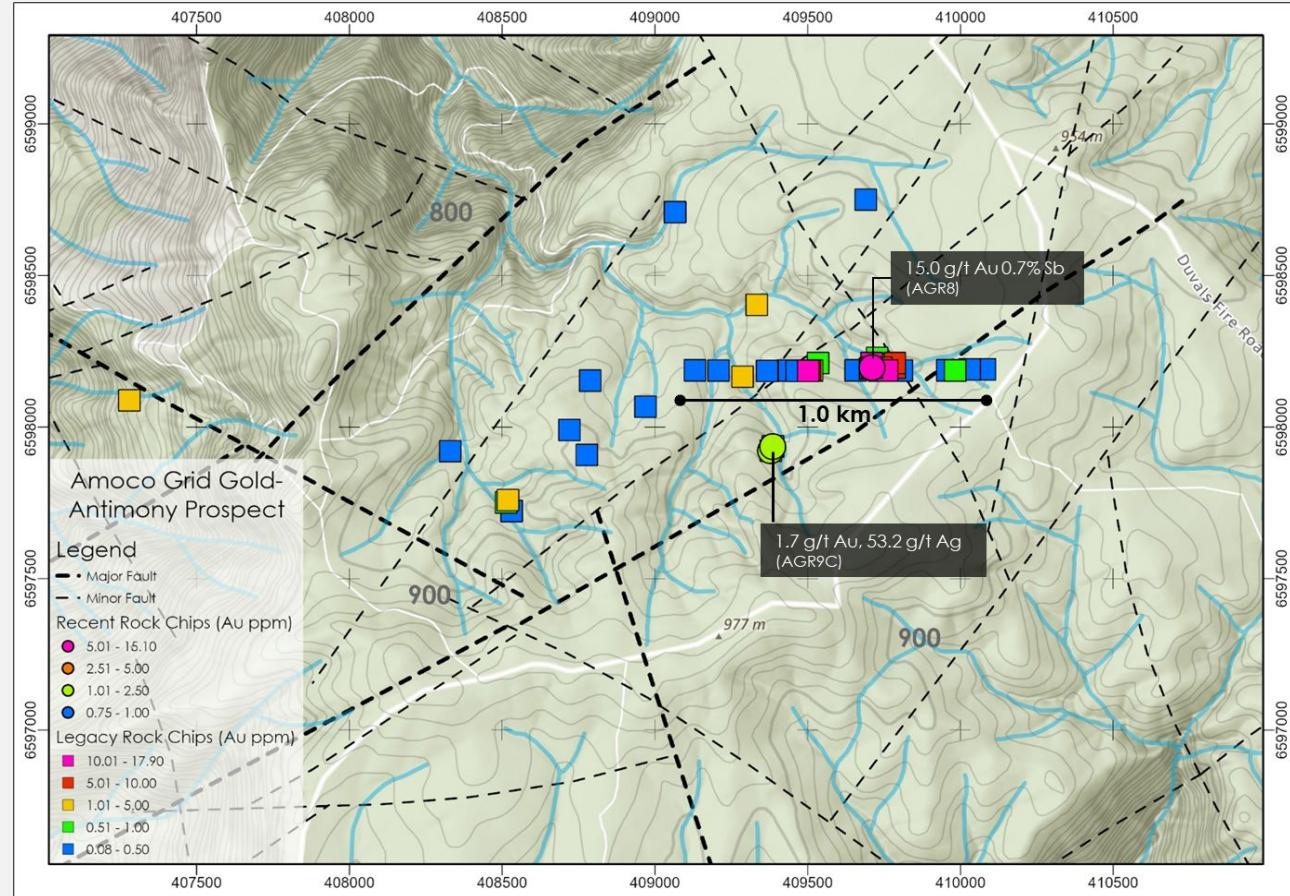
~19 km SE of Larvotto Resources Limited (ASX:LRV) Hillgrove antimony-gold operations and ~14 km E of Koonenberry Gold (ASX:KNB) Enmore.

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



# Why Antimony Matters.

Growing Demand vs Concentrated Supply from China and Russia

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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**

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# 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.

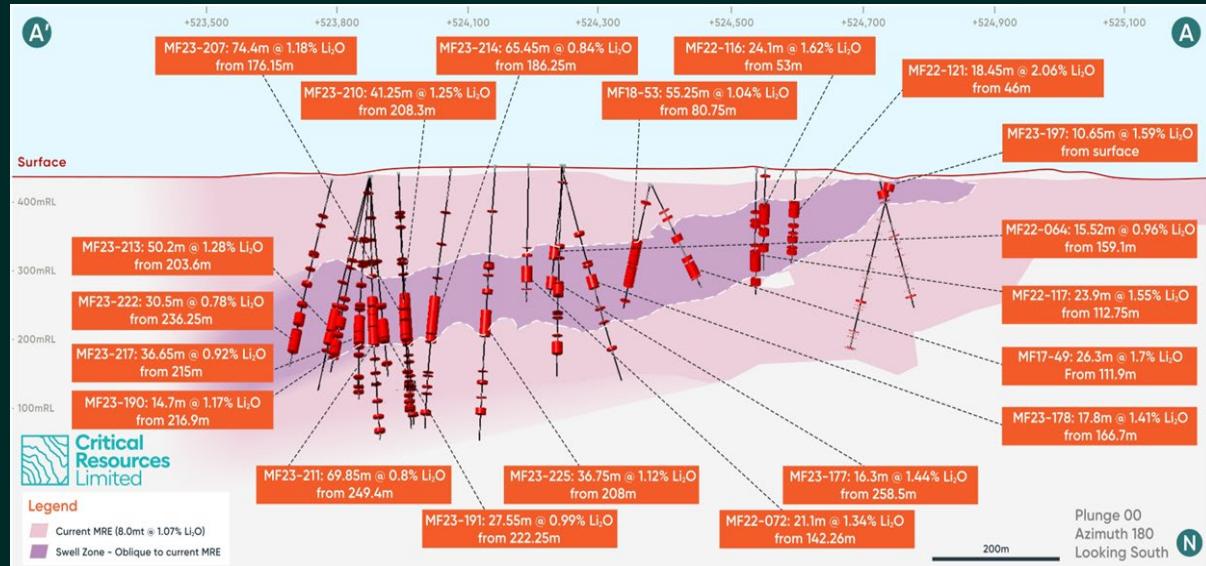
Extensive land holding with numerous drill-ready targets identified – **Tot, Gullwing and Corona Prospects**

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

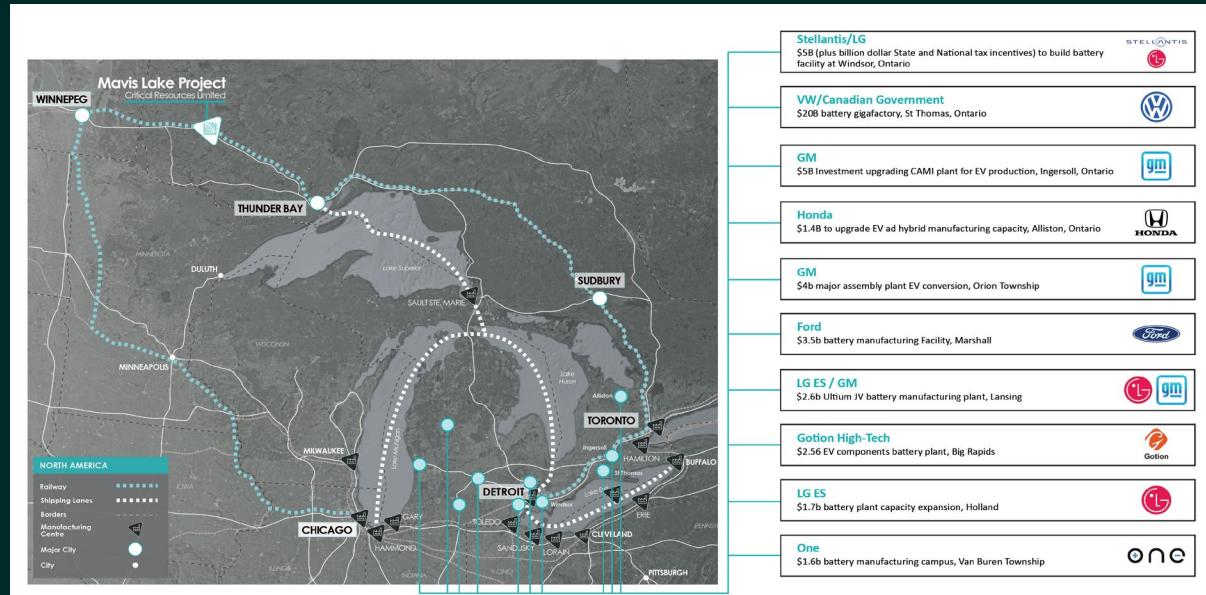
Studies paused. **Continuing low-cost value-adding work-streams in preparation** for when markets improve.

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

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## 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

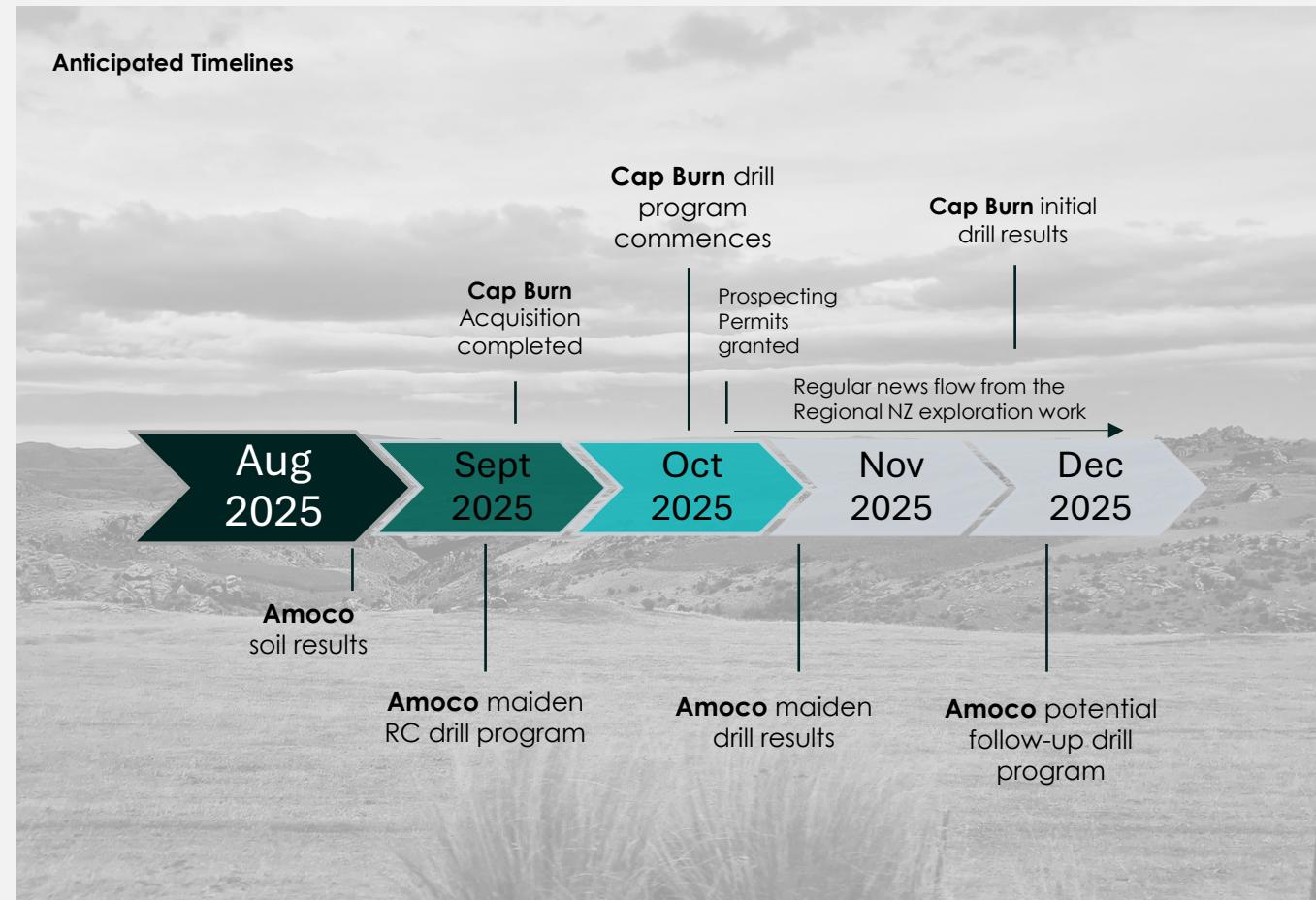
- Detailed regional exploration planning underway with priority targets.
- Field work to commence after grant of prospecting permits (PP), expected over a period Oct-Dec 2025.

## 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).



## 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**.





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# Mineral Resource Statement



Critical Resources Limited

## 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.



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