



**SIREN GOLD**  
LIMITED

# High Grade Gold & Antimony in New Zealand

**AGM  
Presentation**

**14 May 2025**



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## COMPETENT PERSONS STATEMENT - Siren

The information contained in this report relating to exploration results, exploration targets and mineral resources has been previously reported by the Company; Siren Commits to a Second Deep Drillhole at Sams Creek – 30 April 2025; Siren Gold Intersects the Sams Creek Dyke with New Drillhole – 17 April 2025; Sams Creek Mining Permit Application Lodged with NZPAM – 3 April 2025; Siren Gold Recommences drilling at Sams Creek – 14 February 2025, \$22M Reefion sale completed & RUA a substantial shareholder – 26 November 2024, Sams Creek Porphyry Gold Copper and REE Potential – 2 October 2024; Sams Creek and Reefion Exploration Update – 25 July 2024; Drilling Commences at Sams Creek Anvil Target – 23 April 2024; Significant New Drill Target at Sams Creek 22 Jan 24; Ionic Leach trial successfully detects mineralisation 500m below surface at Sams Creek – 22 June 2023; Sams Creek Mineral Resource Estimate exceeds 800,000oz at higher grade – 17 November 22; Siren Expands Exploration Strategy – 20 July 22; Siren Gold Acquires Sams Creek Gold Project – 3 Jun 22 (Announcements). The Company confirms that it is not aware of any new information or data that would materially affect the information included in the Announcements and, in the case of estimates of mineral resources, released on 20 July 2022 and 5 October 2022, that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.





# Siren Gold: New Zealand Explorer

## Strengthened balance sheet

- Over **\$13M in cash and shares in RUA** with no debt

## Sams Creek Gold Project (81.9% Siren)

- Joint Venture with **New Zealand's largest gold miner**, OceanaGold (TSX:OGC) holding **(18.1%)<sup>1</sup>**
- The porphyry dyke system is mapped over **7km along strike, up to 60 m thick and is open at depth offering outstanding exploration potential**
- JORC MRE of **824koz @ 2.82 g/t Au**
- A **mining permit application** has been submitted with NZPAM, based on a recent Scoping Study.

## Langdons Antimony & Gold Project (100% Siren)

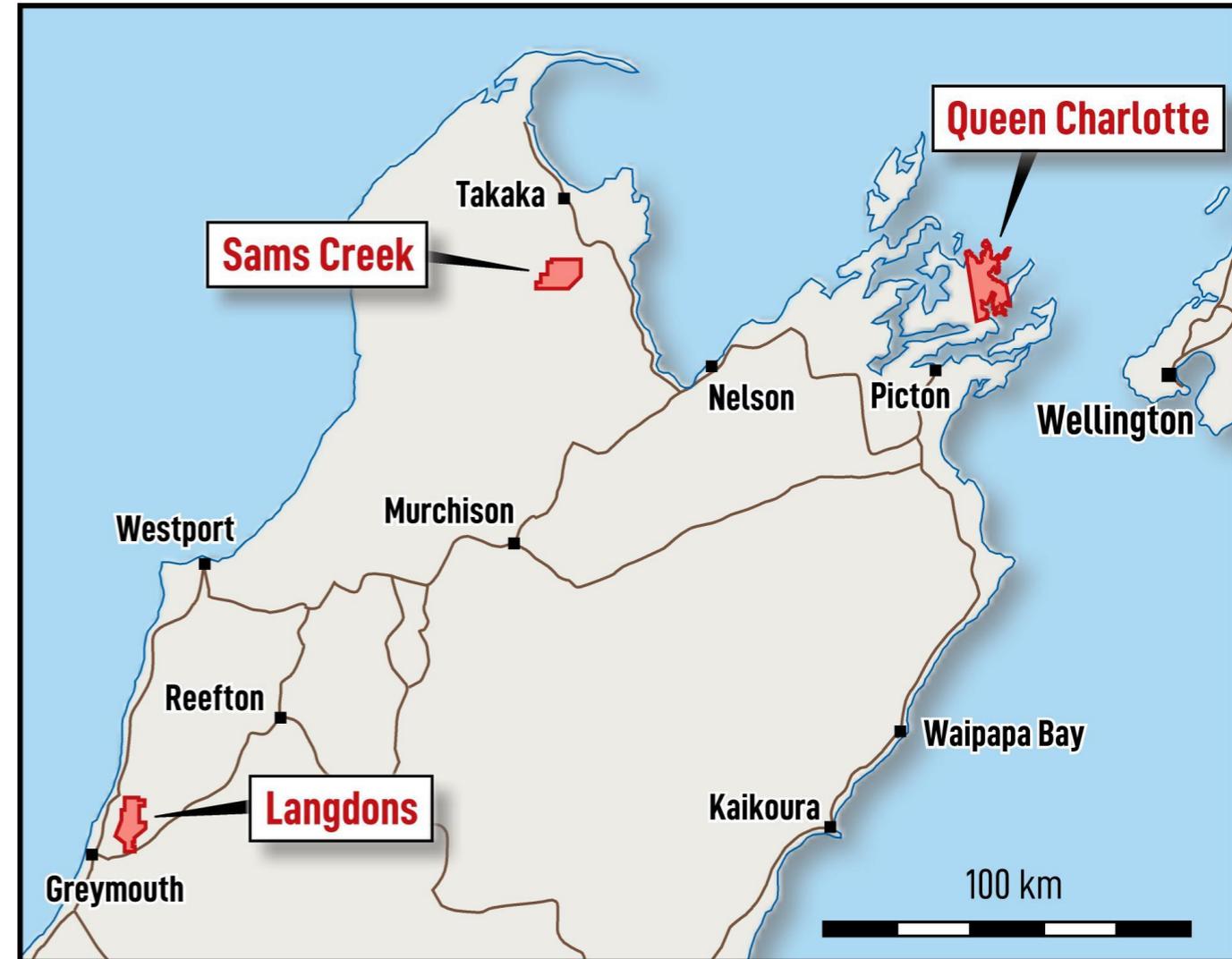
## Queen Charlotte Antimony & Gold Project (100% Siren)

## Reefton Goldfield (Through ~22% share ownership in RUA)

- **+1,196km<sup>2</sup> tenement package** covering most of the high-grade Reefton Goldfield that produced **+2Moz at 15.8g/t Au**
- **Numerous high-grade gold and antimony targets**

## Hauraki Goldfield (Through ~22% share ownership in RUA)

- Within 2.8kms of OceanaGold's newly discovered WKP project with a **MRE of 1.4Moz at 13.9g/t Au<sup>2</sup>**
- 3.8km untested zone of silicification, veining and alteration<sup>3</sup>



<sup>1</sup> JV with Oceana Gold on tenement EP40338 with remaining tenements 100% owned by Siren.

<sup>2</sup> Source: OceanaGold R & R Annual Statement, February 21, 2024.

<sup>3</sup> Refer to RUA Gold Announcement (<https://ruagold.com/rua-gold-targets-significant-epithermal-gold-system-in-the-hauraki-goldfield-new-zealand/>).



# Corporate Overview

## Share Price Performance (ASX:SNG)



## Experienced Board



**Brian Rodan**  
Chair & Interim  
Managing Director



**Paul Angus**  
Executive Technical  
Director



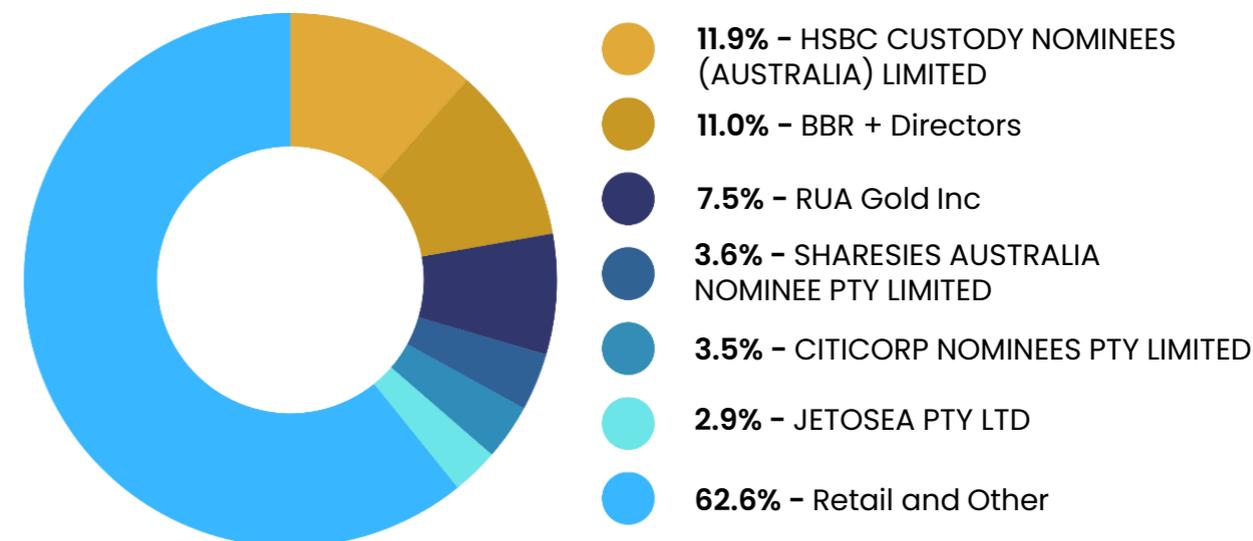
**Keith Murray**  
Non-Executive Director

## Capital Structure

Shares outstanding	<b>218.9m</b>
Options outstanding <sup>1</sup>	<b>76.9m</b>
Share Price (as of 30 April 2025)	<b>A\$0.055</b>
Market Capitalisation (basic)	<b>A\$12.3m</b>
Cash <sup>2</sup>	<b>A\$2.5m</b>

1. 76,968,579 options outstanding with an exercise price ranging from A\$0.10 to A\$0.15 per share expiring between 22 Dec 2025 to 17 May 2029
2. Cash position as of 31 March 2025

## Major Shareholders



# SAMS CREEK PROJECT



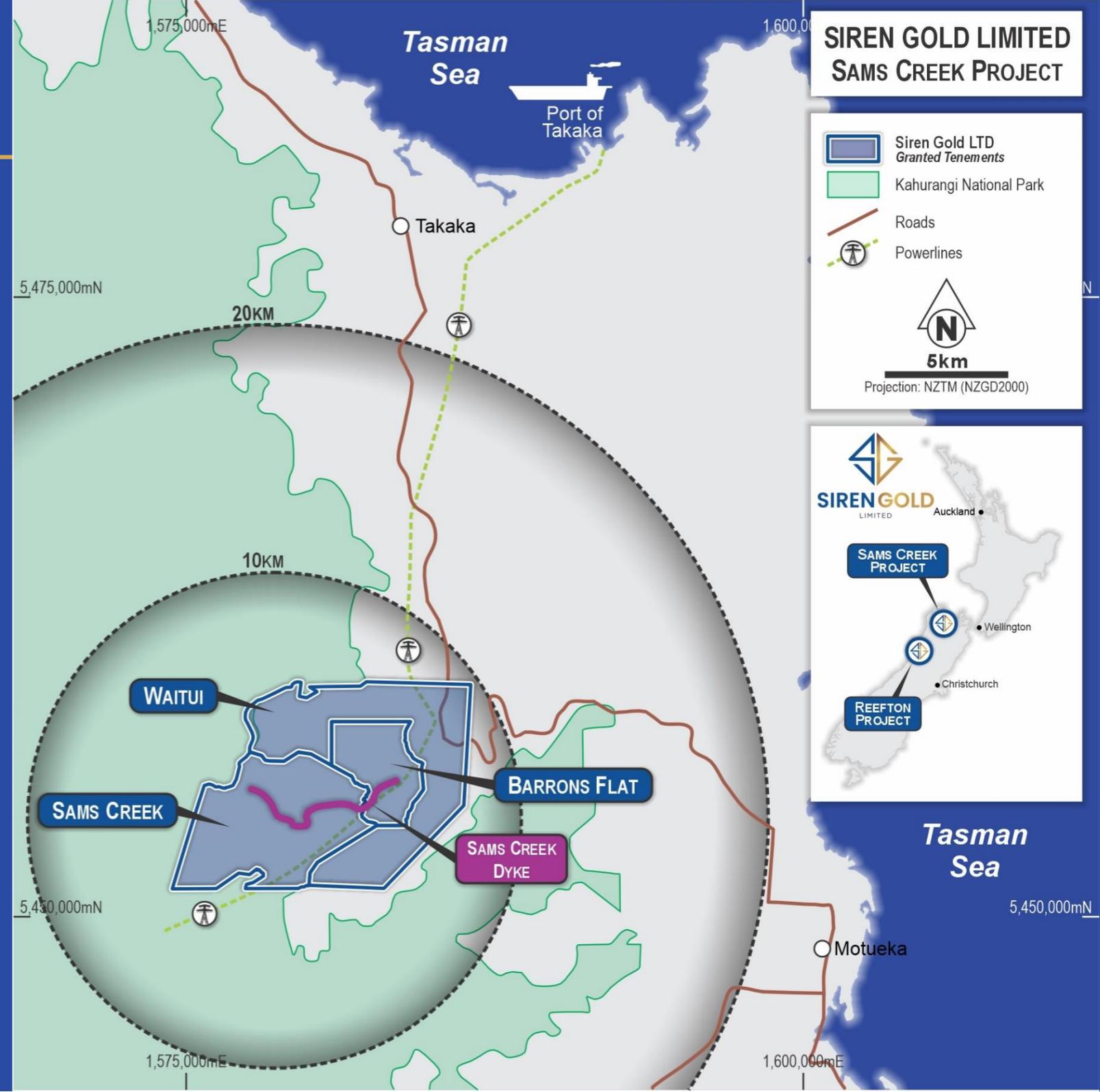
# Sams Creek: 824koz and growing

- JV Siren (81.9%) Oceana Gold (18.1%)<sup>1</sup>
- Located **outside** the National Park boundary
- Access Agreement with Department of Conservation in place
- Hydro power available
- Takaka Port accessible

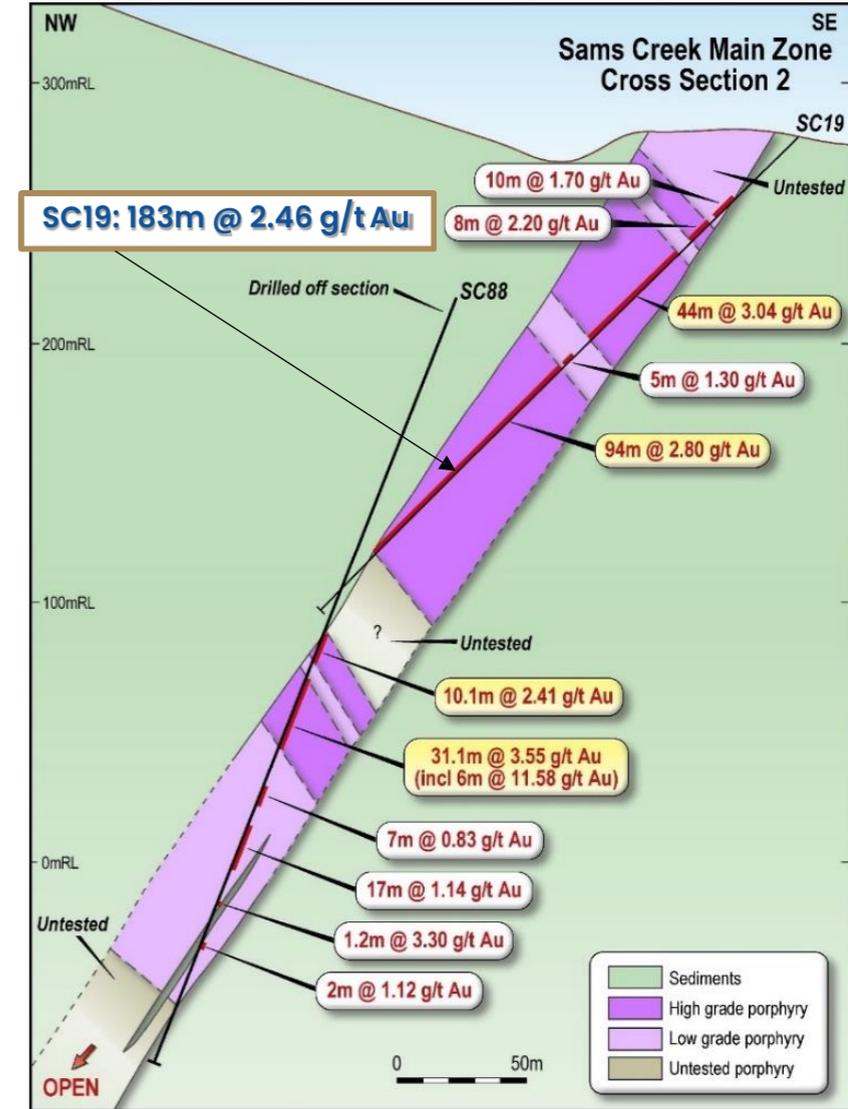
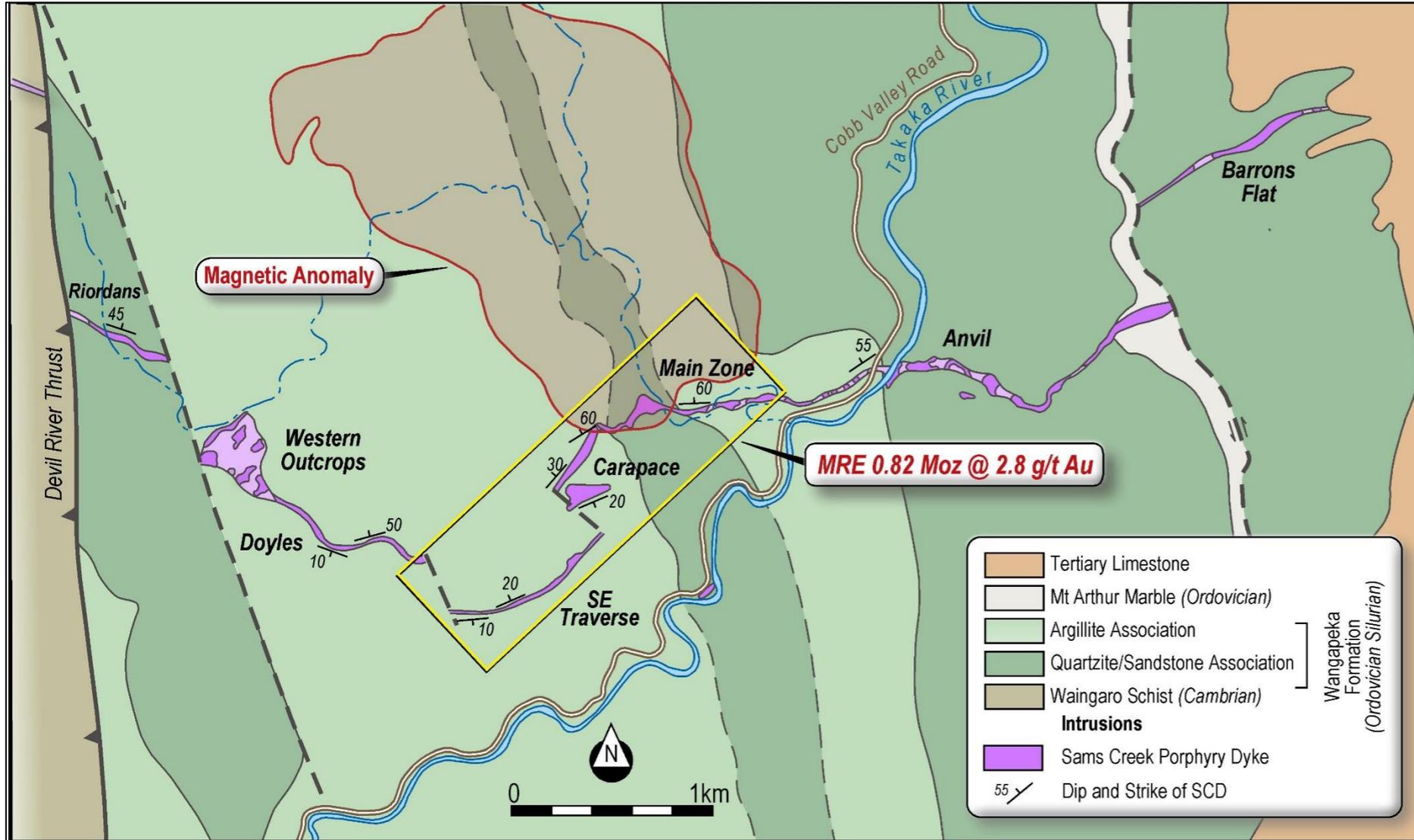
## Mineral Resource Estimate (MRE) at a 1.5g/t Au cut-off (100% basis)

Category	Tonnes (M)	Au (g/t)	000 oz Au
Indicated	3.29	2.80	295.6
Inferred	5.81	2.83	528.8
<b>Combined</b>	<b>9.10</b>	<b>2.81</b>	<b>824.4</b>

<sup>1</sup>JV with Oceana Gold on tenement EP40338 with remaining tenements 100% owned by Siren



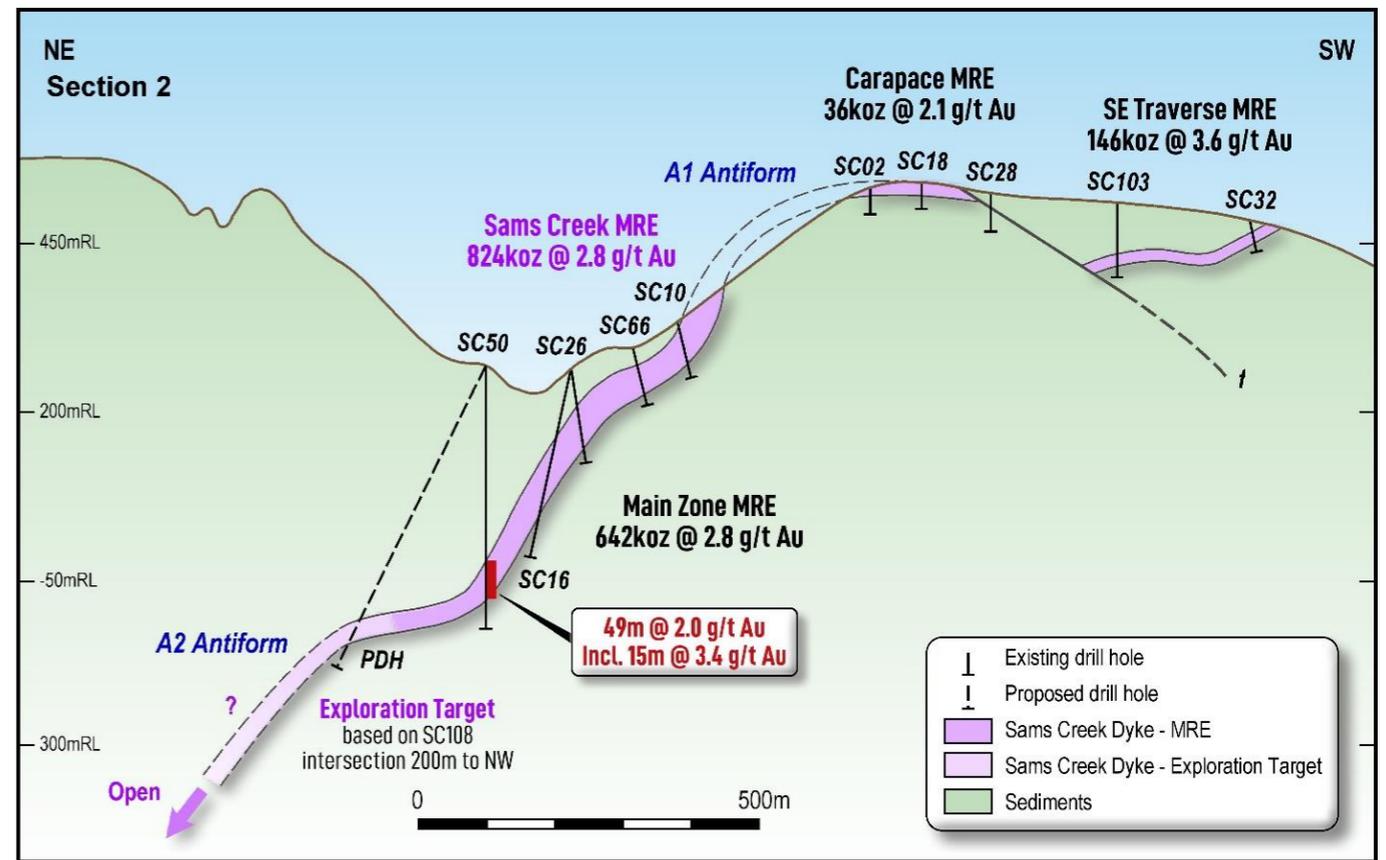
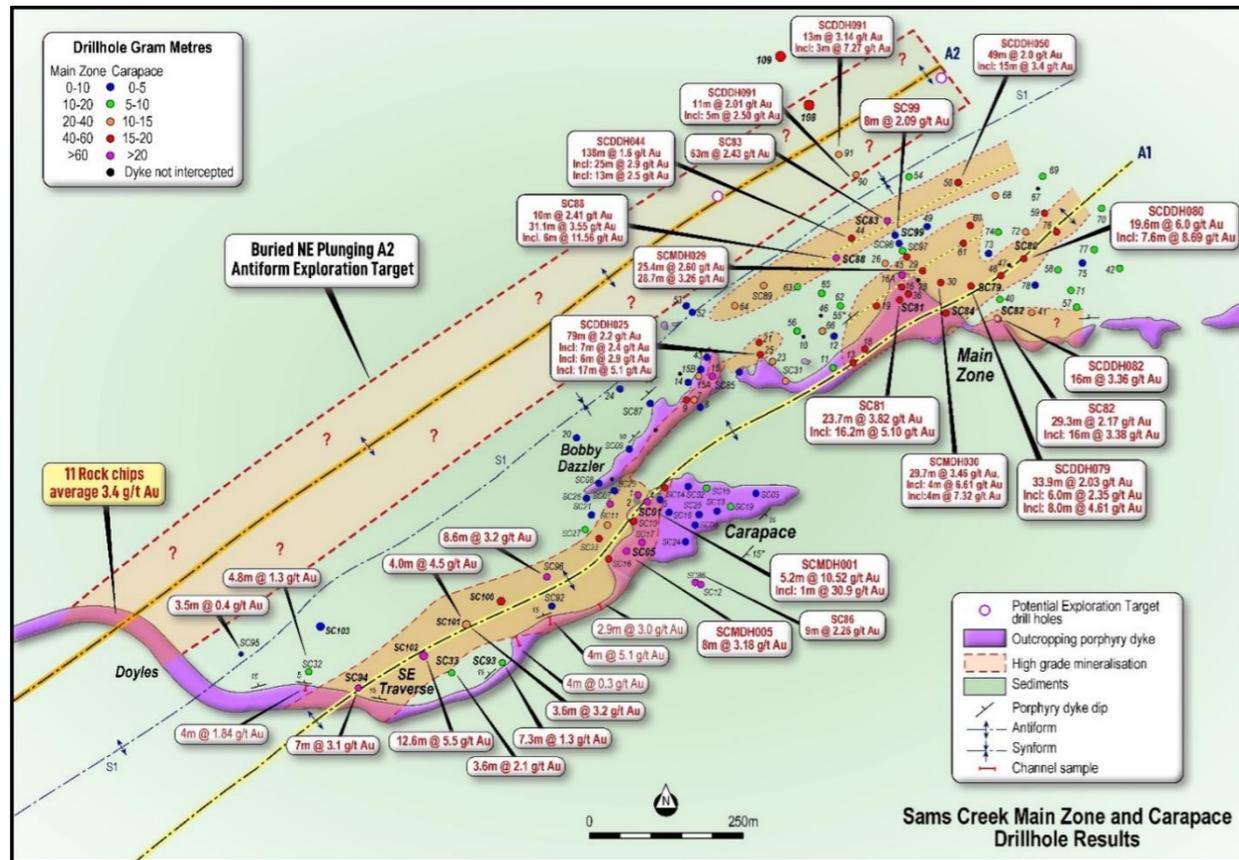
# Sams Creek: 7km strike – Resource of 824koz @ 2.8g/t Au over 1.5kms





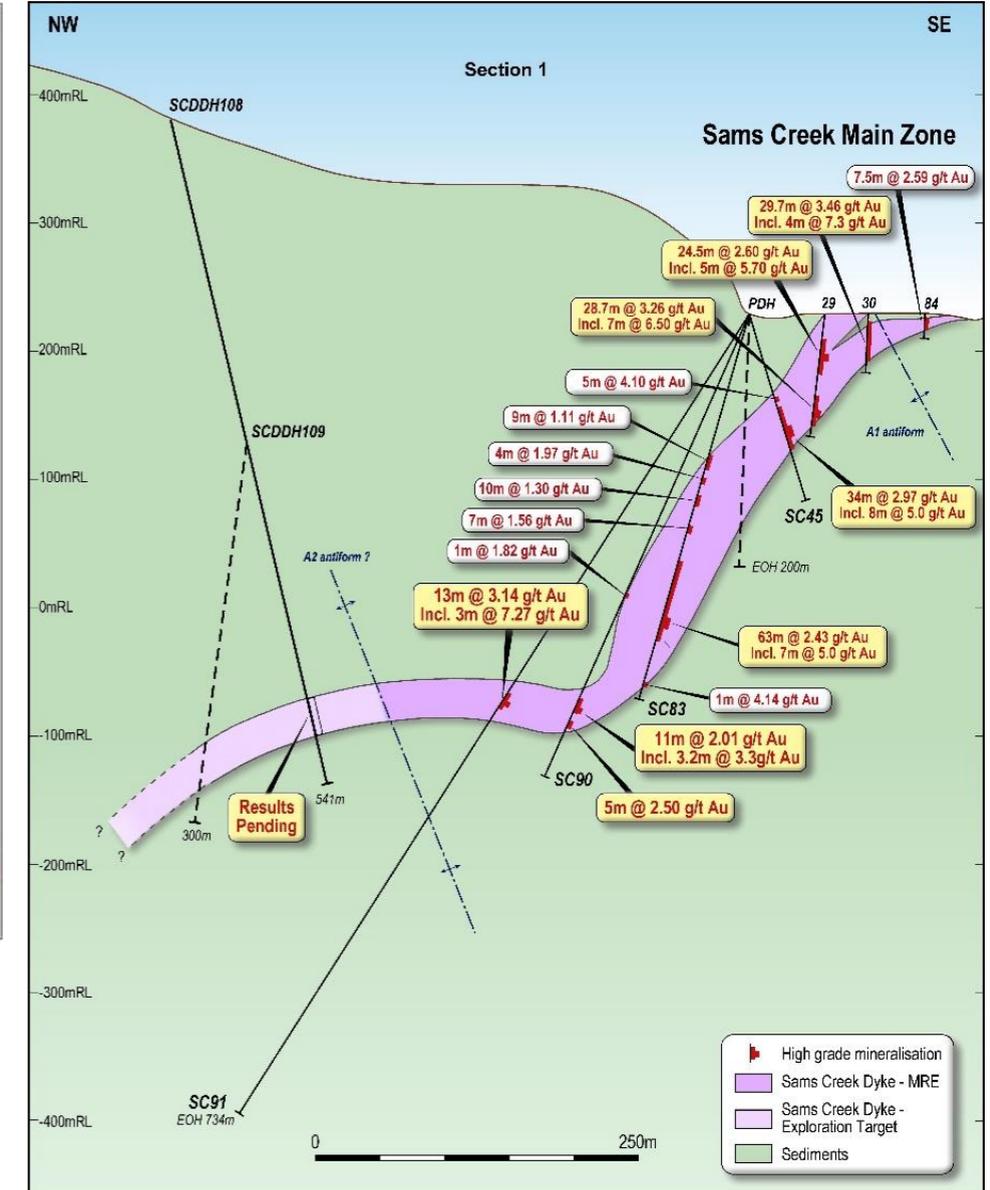
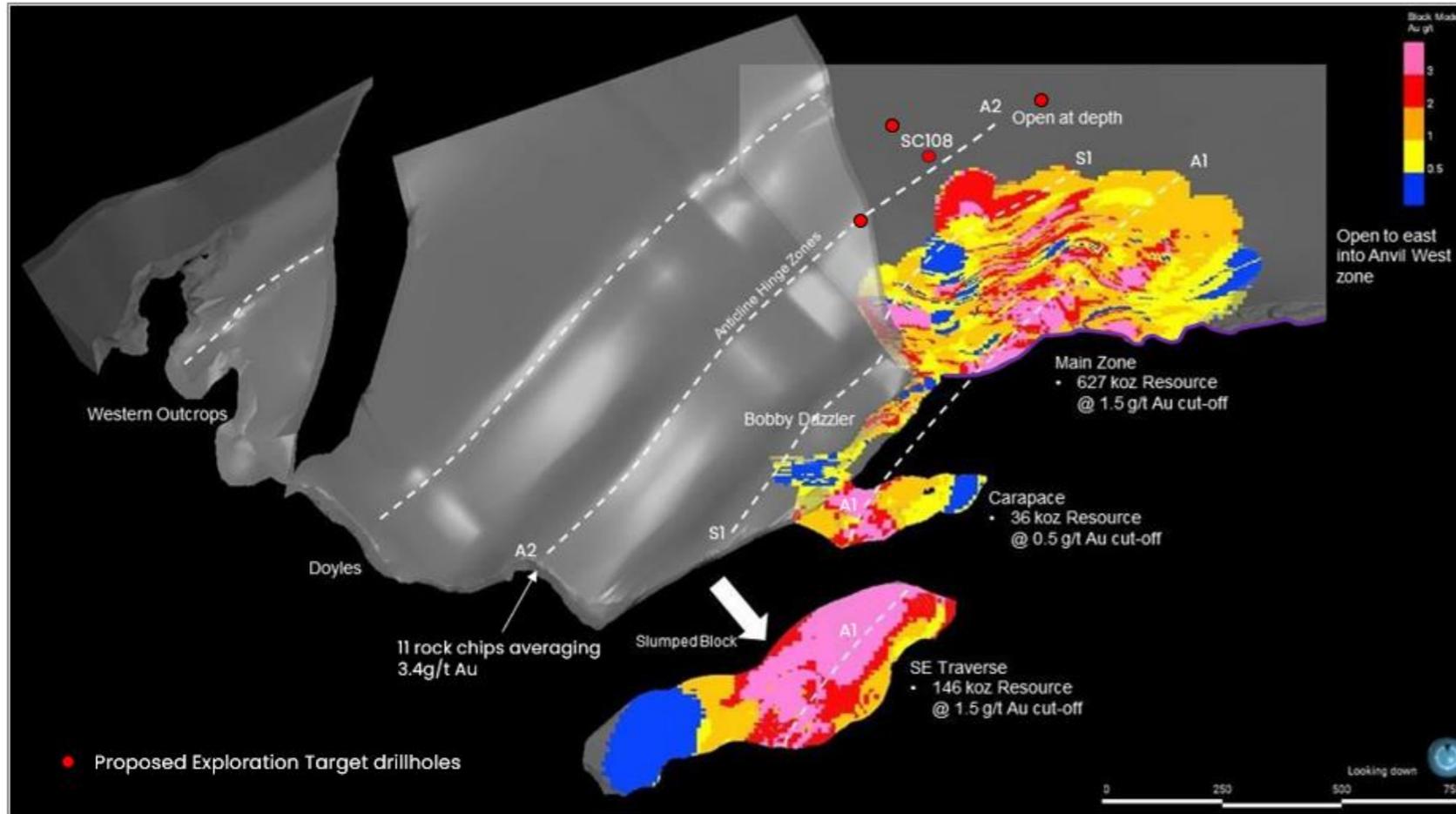
# Sams Creek: A2 Antiform Exploration Target

- Current MRE (**824koz @ 2.8g/t Au**) contained within the **A1 Antiform**.
- The **A2 Antiform** lies ~400m to the north – outcrops at Doyles (**3.4g/t Au**) & intersected in SC90 (**11m @ 2.01 g/t Au** & **5m @ 2.5g/t Au**) & SC91 (**13m @ 3.14g/t Au**) – 1.5km down plunge = **A2 Exploration Target**.
- Current drilling is ongoing at Sams Creek, targeting the **A2 Antiform** below SC90 and SC91.





# Sams Creek: A2 Antiform Deep Drilling



- SC108 SCDDH109, that is targeted to intersect the SCD 100m to the north and down dip of SCDDI08.
- SCDDH109, that is targeted to intersect the SCD 100m to the north and down dip of SCDDI08

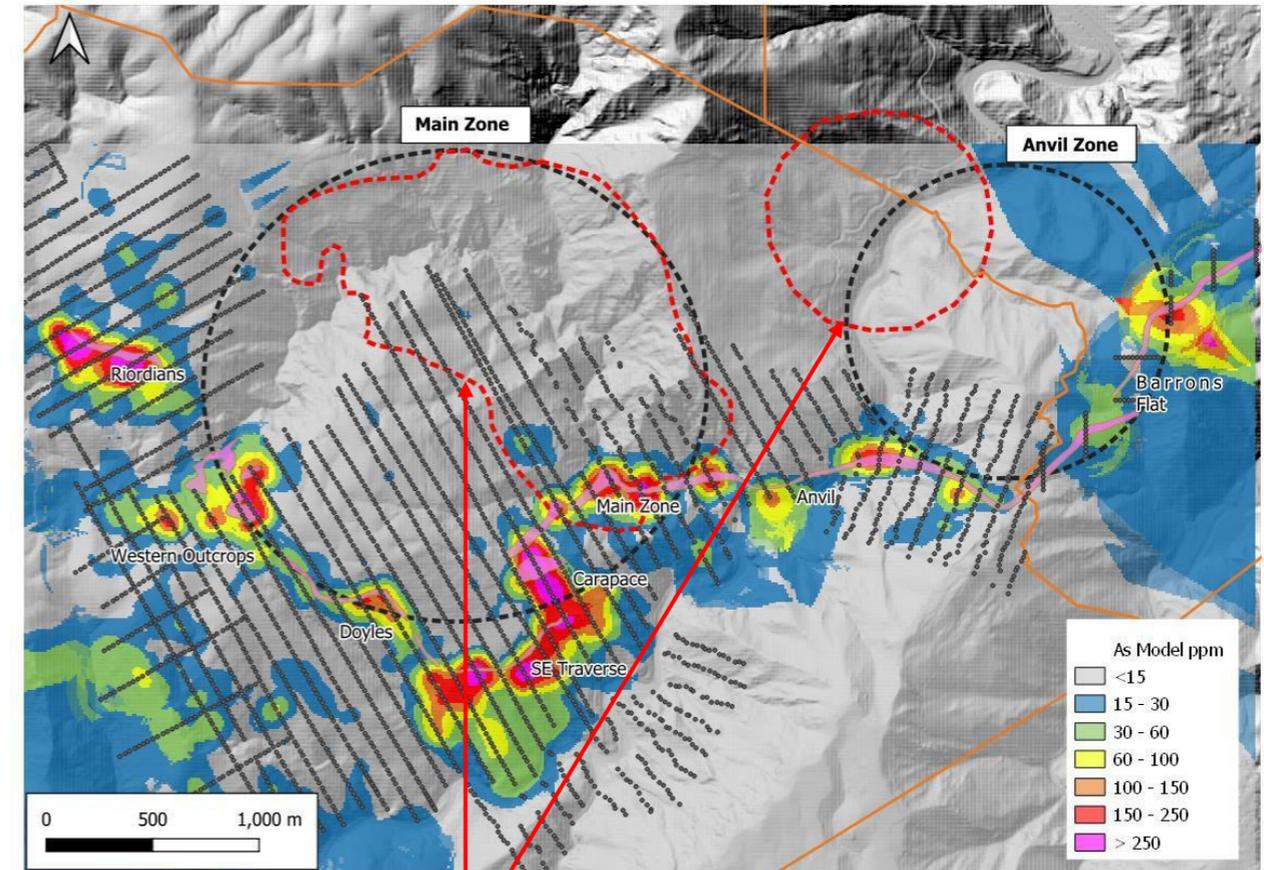


# Sams Creek: Circular Structures and As soil geochemistry

## LiDAR Circular Structures

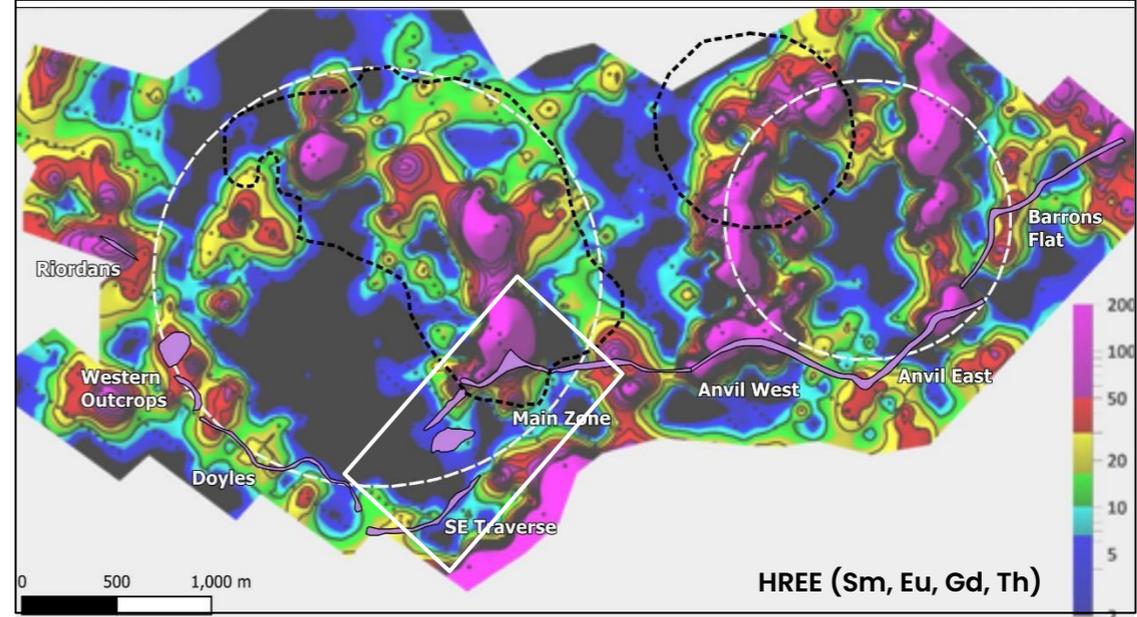
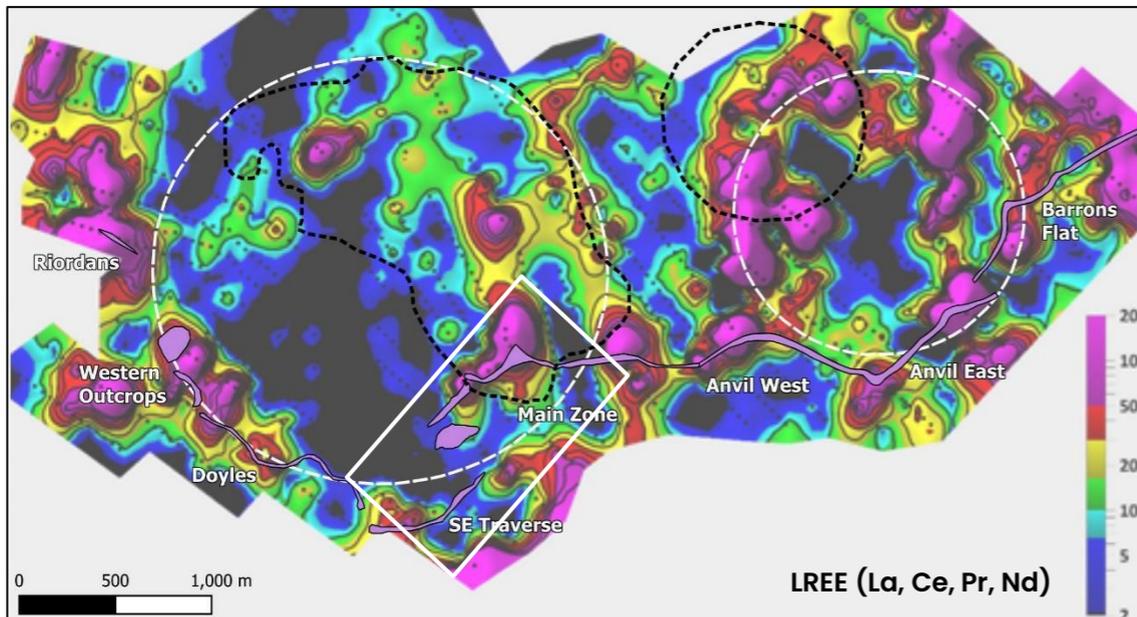
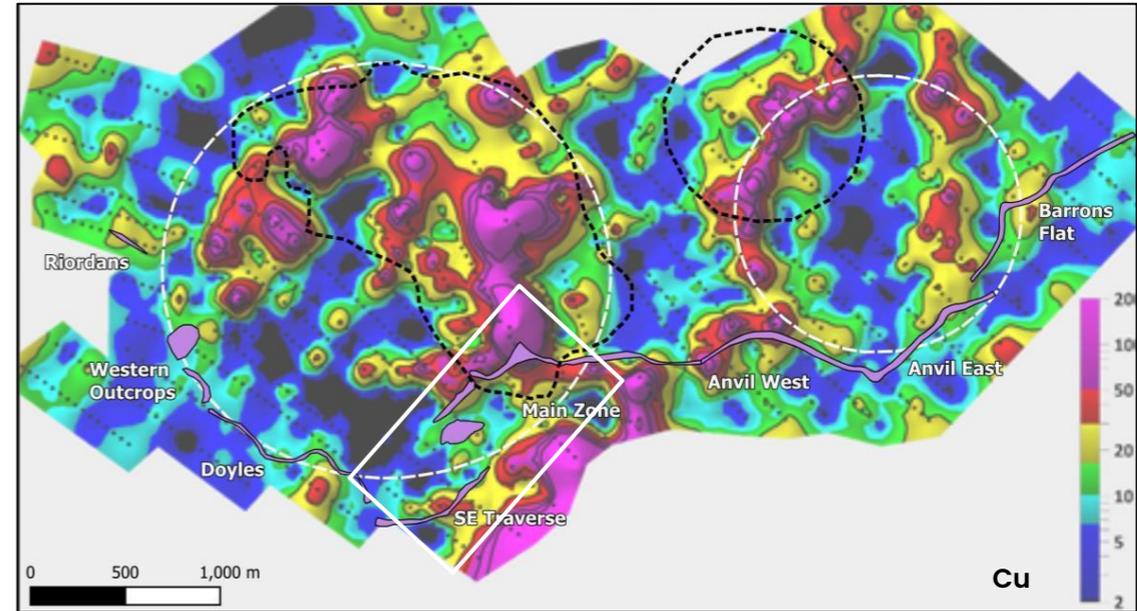
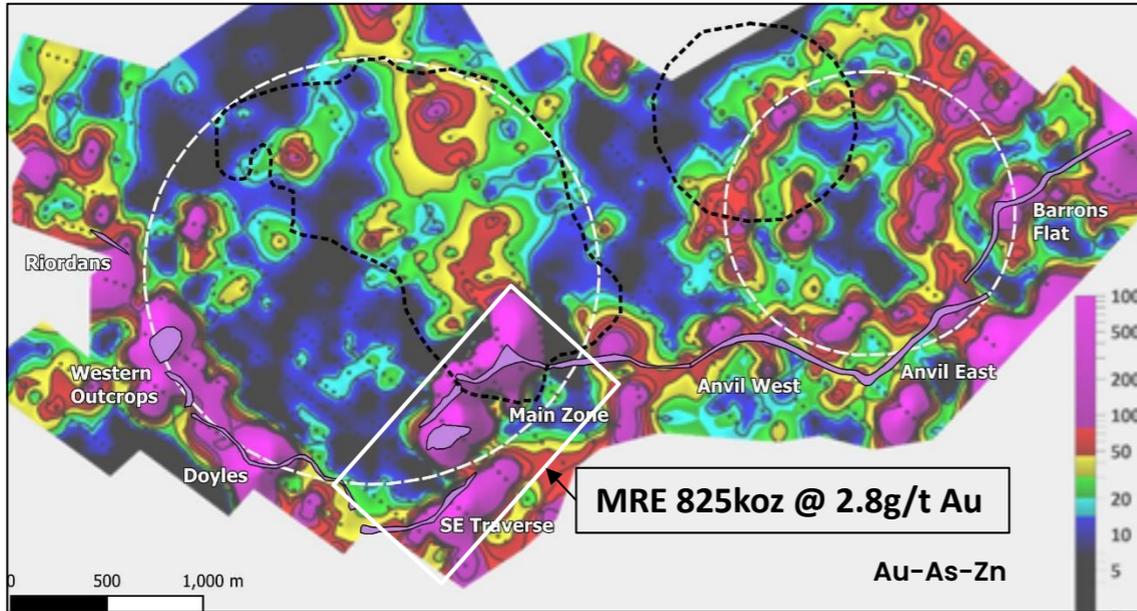


## As Soil Geochemistry

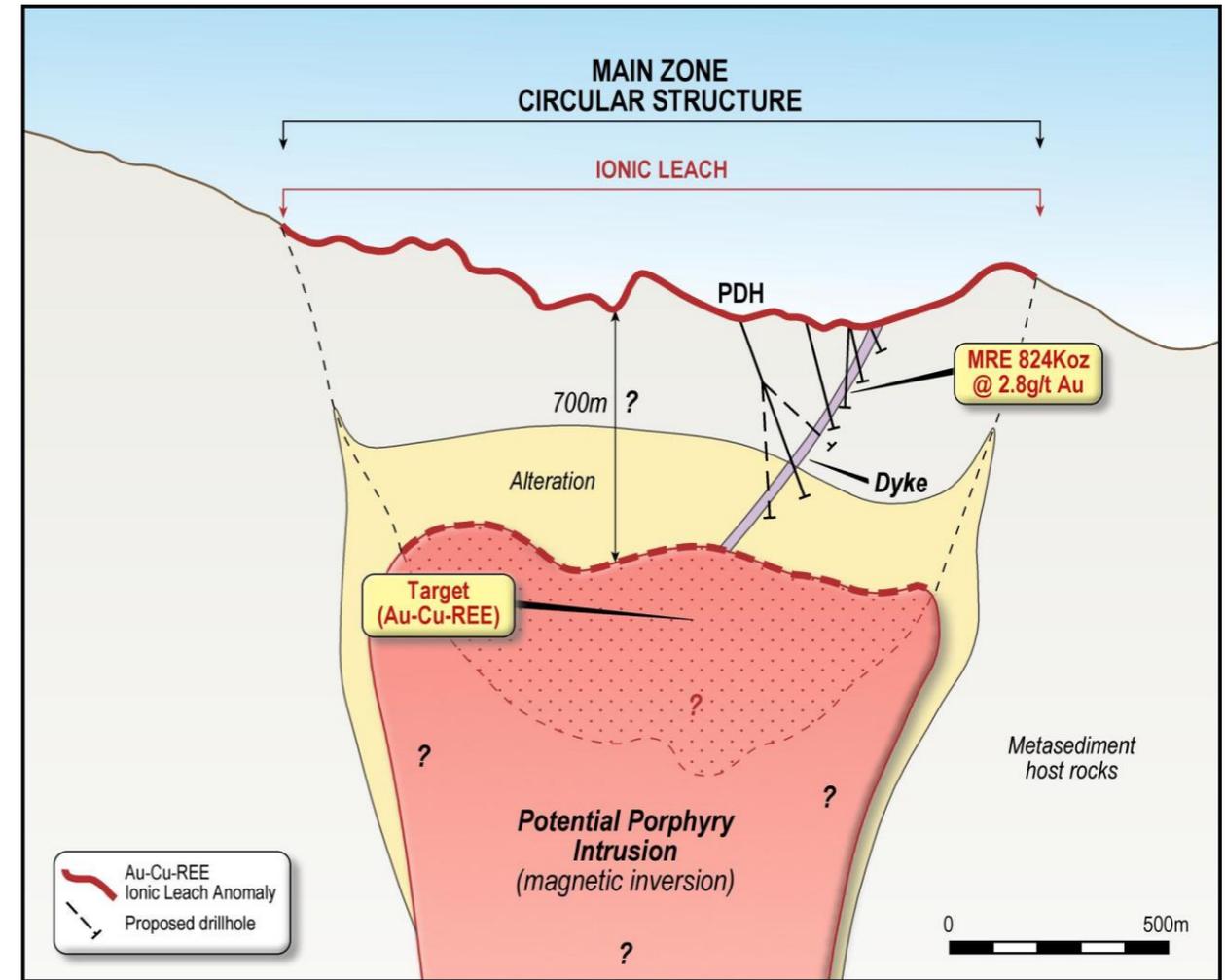
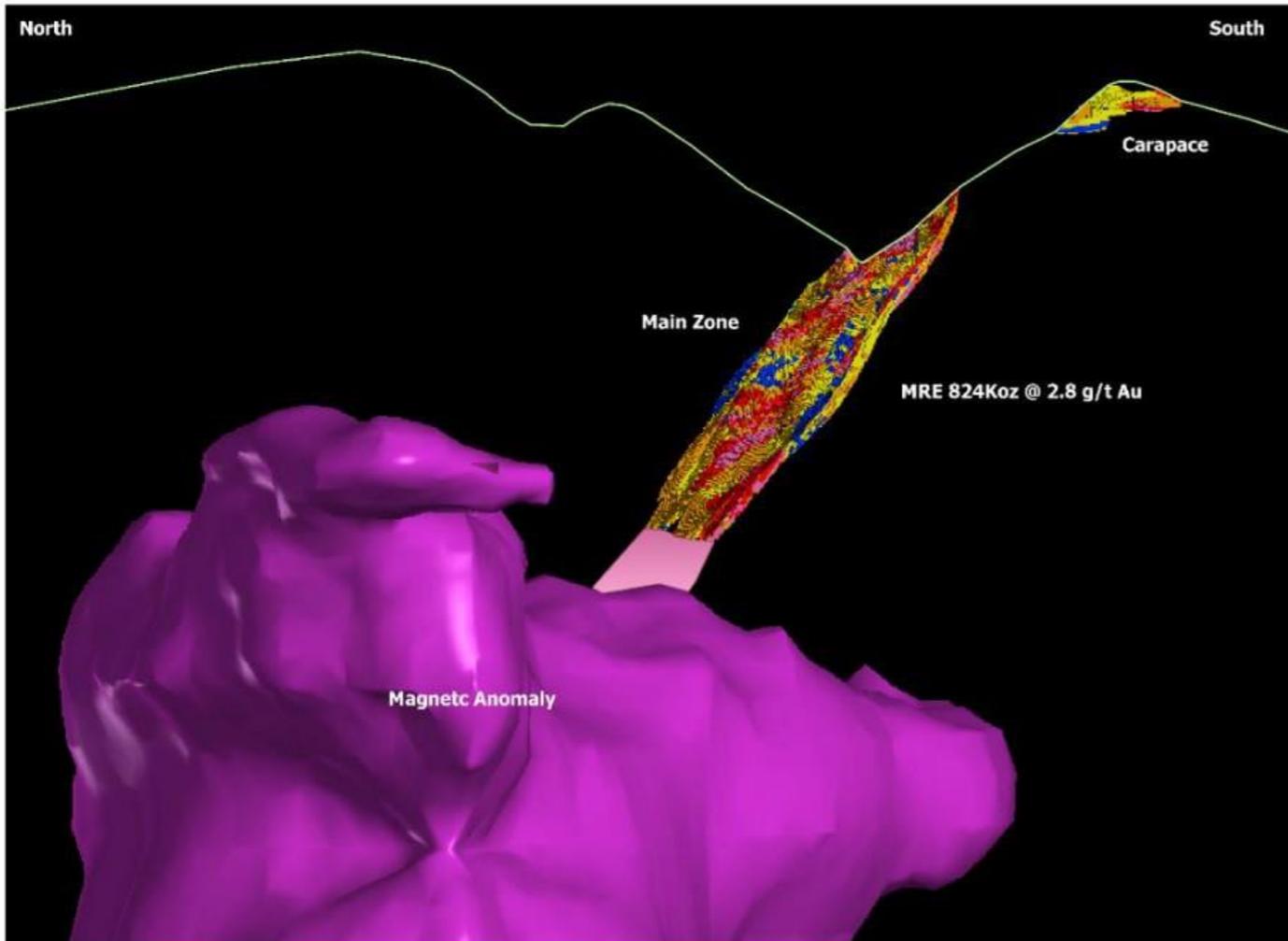


Interpreted buried magnetic intrusions coincident with circular structures

# Sams Creek: Ionic Leach Survey – Elemental Maps



# Two Targets: Dyke (Au) and Porphyry Intrusions (Au-Cu-REE)



**Dyke has Significant Exploration Upside – 7km Long x 60m Wide & Open at Depth**

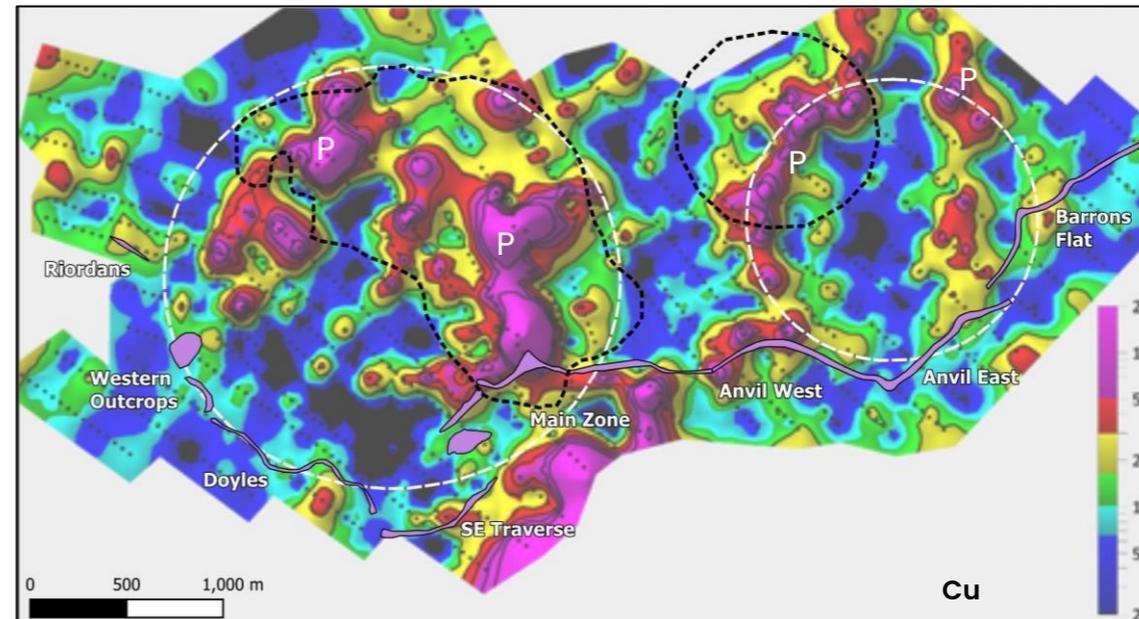
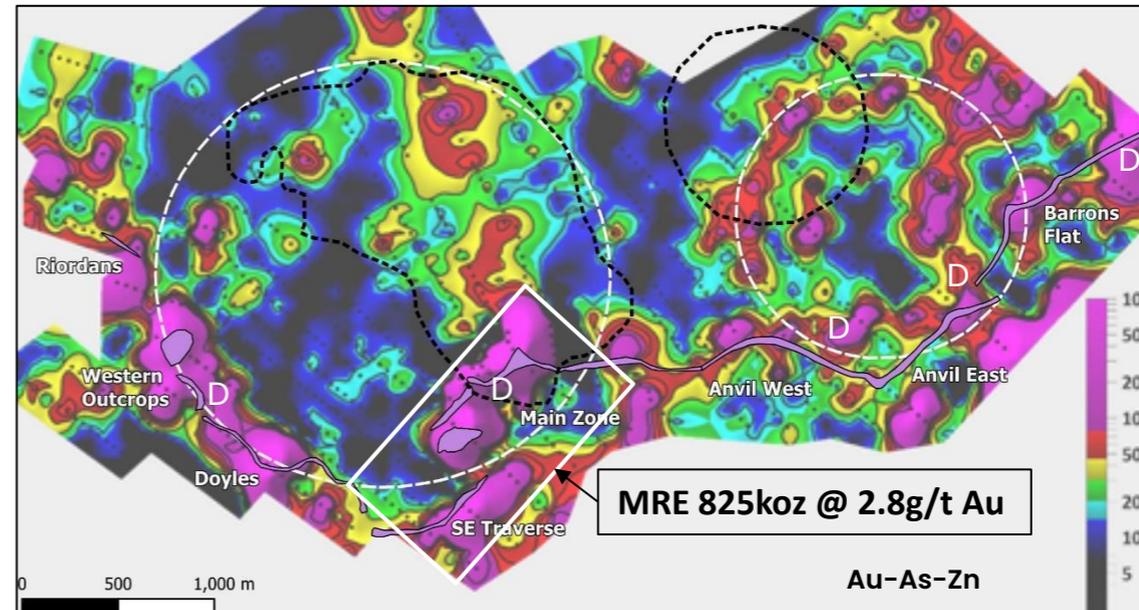
# Sams Creek: Main & Anvil Zone – Dyke & Porphyry Targets

## Dyke Targets (D)

- IL highlights the **Dyke MRE** –strong **Au-As-Zn** anomaly over 1.5 kms
- Remaining dyke have the same **Au-As-Zn** signature and close to outcrop.

## Porphyry Targets (P)

- These targets have a strong **Au-Cu-REE** signature.
- Located on the northern rim or middle of the circular structures.
- Strongest Cu-REE anomalies overlay the modelled intrusions.



# Sams Creek: Scoping Study & Mining Permit Application

- Mining Permit Application submitted with New Zealand Petroleum & Minerals (NZPAM) in March 2025.
- Scoping Study based on the known mineral resource of Sams Creek.
- Open pit and underground mine designs and schedules were completed, along with a waste rock stack (WRS), tailings storage facility (TSF), processing plant and other infrastructure requirements.
- Financial models based on a gold price of US\$2,500/oz.
- While the Scoping Study positively demonstrates the potential viability of the Sams Creek Project, however, due to large proportion Inferred Resource (~75%) the Company is not currently able to release forecast production and financial information under ASX listing rules.
- Siren plans to commence infill drilling at SE Traverse, Carapace and Main Zone later this year to increase the Indicated MRE from the current 35% (Table 1) to over 75%.
- Following the infill drilling the MRE and Scoping Study would be updated to meet the ASX listing rules and allow reporting of the production and financial outcomes.
- The existing Sams Creek Mineral Resource Estimate of 824koz at 2.82g/t Au has potential to increase significantly, with the mineralisation open along the 7km strike and down dip.

# LANGDONS PROJECT



**ecodrilling** **SIRENGOLD**  
DATE: 21/6/22  
SITE: 2  
OF  
METRES

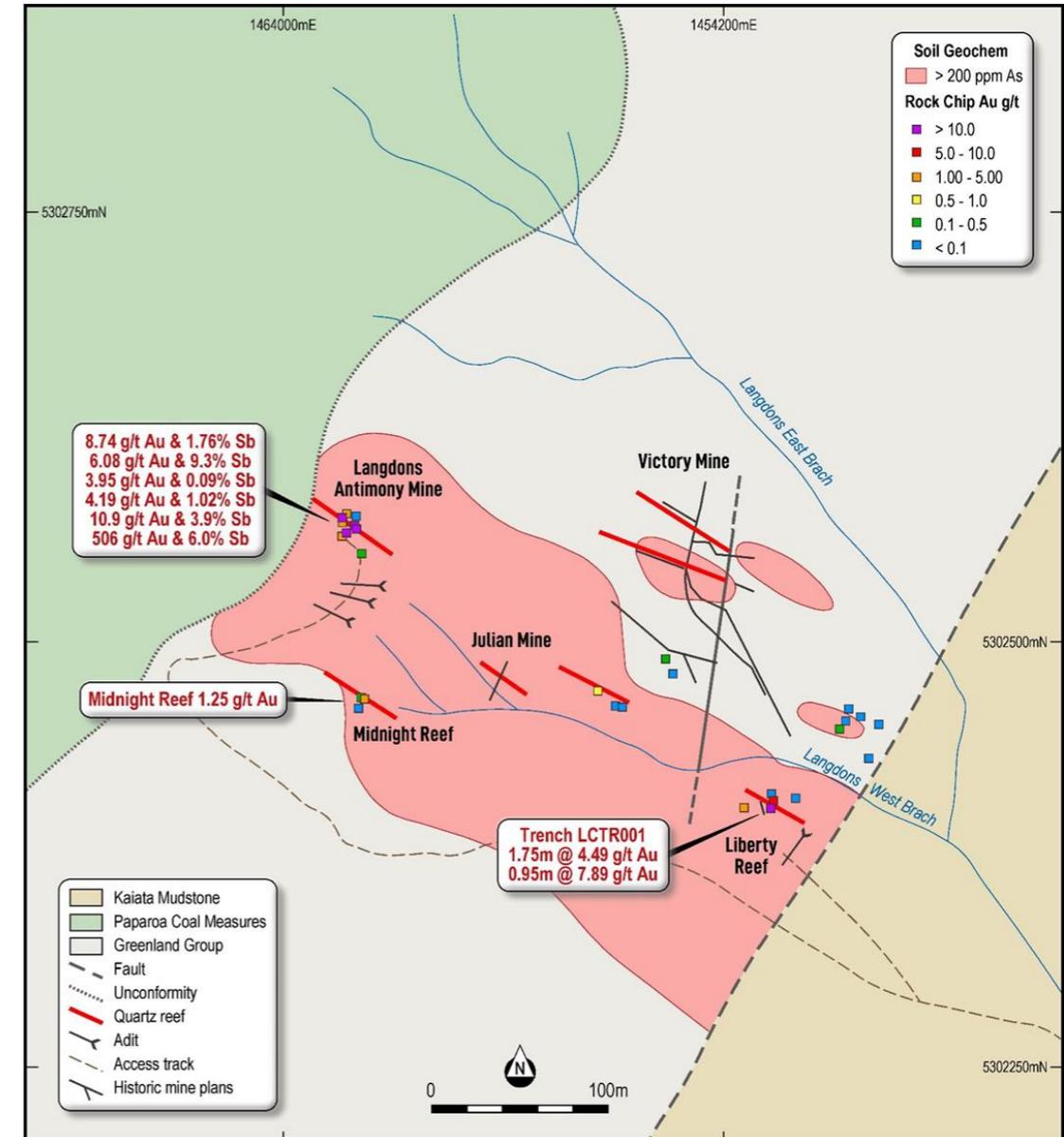
**ecodrilling** **SIRENGOLD**  
CLIENT: SIREN GOLD DATE: 21/6/22  
PROJECT NO: BIG RIVER SITE: 2  
BORE NO: BRDDHOV1A  
BOX NO: 20 OF  
FROM 42.20 METRES TO 45.00 METRES

**ecodrilling** **SIRENGOLD**  
CLIENT: SIREN GOLD DATE: 21/6/22  
PROJECT NO: BIG RIVER SITE: 2  
BORE NO: BRDDHOV1A  
BOX NO: 11 OF  
FROM 45.00 METRES TO 47.60 METRES

**ecodrilling** **SIRENGOLD**  
CLIENT: SIREN GOLD  
PROJECT NO: BIG RIVER  
BORE NO: BRDDHOV1A  
BOX NO: 11  
FROM 47.60

# Langdons: Antimony & Gold

- Langdons is located in the Paparoa goldfield, ~50km SW of Reefton.
- **High-grade Au-Sb reefs** were mined in 1952 with historical grades up to **2,610g/t Au** and **1,120g/t Ag**.
- Surface rock samples up to **506g/t gold** and **9.3% stibnite**.
- Anomalous gold, stibnite and arsenic soil geochemistry extends over an additional 400m of strike length with several mapped quartz reefs.
- High-grade mineralised system extends to the edge of the overlying cover and is expected to continue.



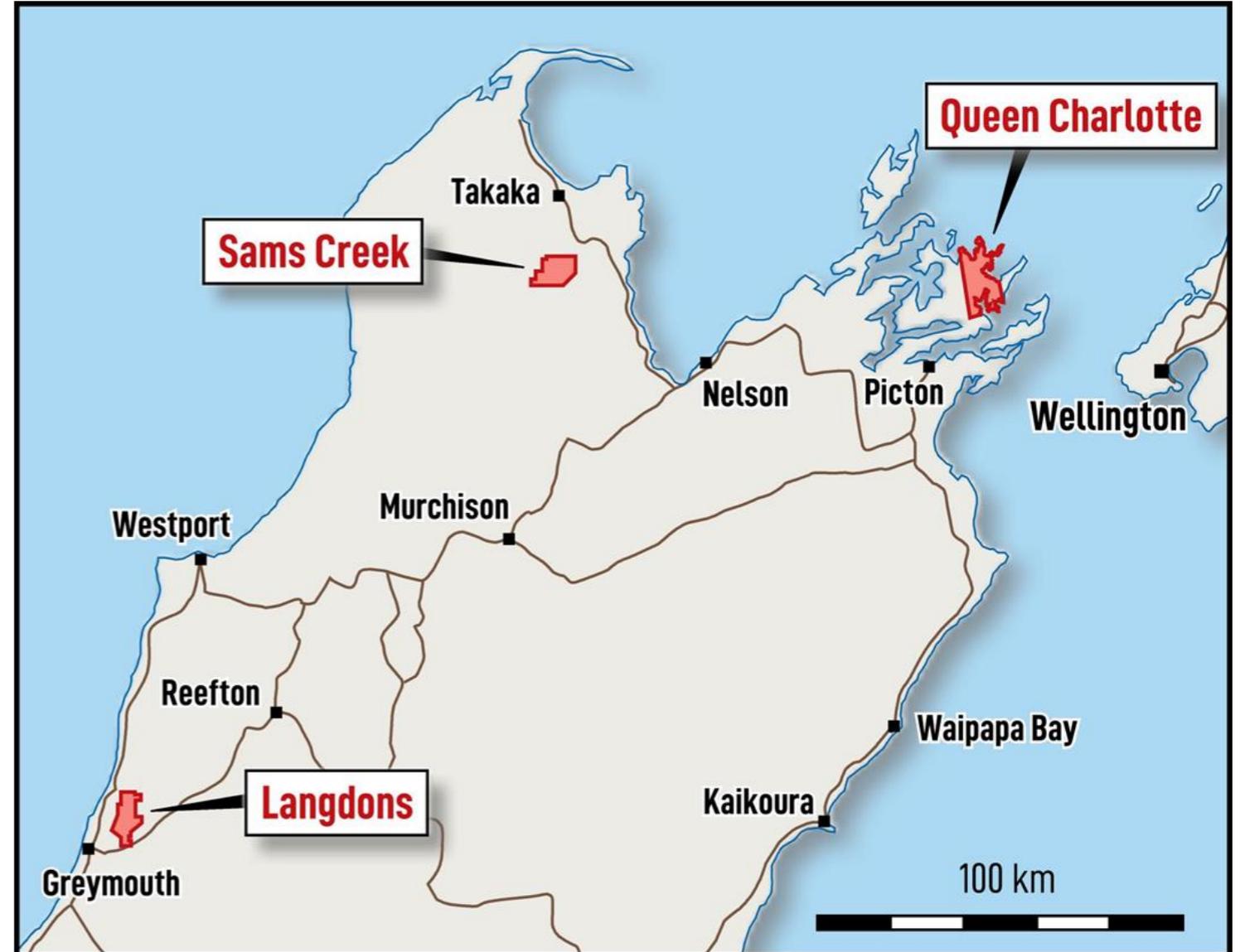
# QUEEN CHARLOTTE PROJECT



# Queen Charlotte: Antimony & Gold

## New Antimony & Gold Project

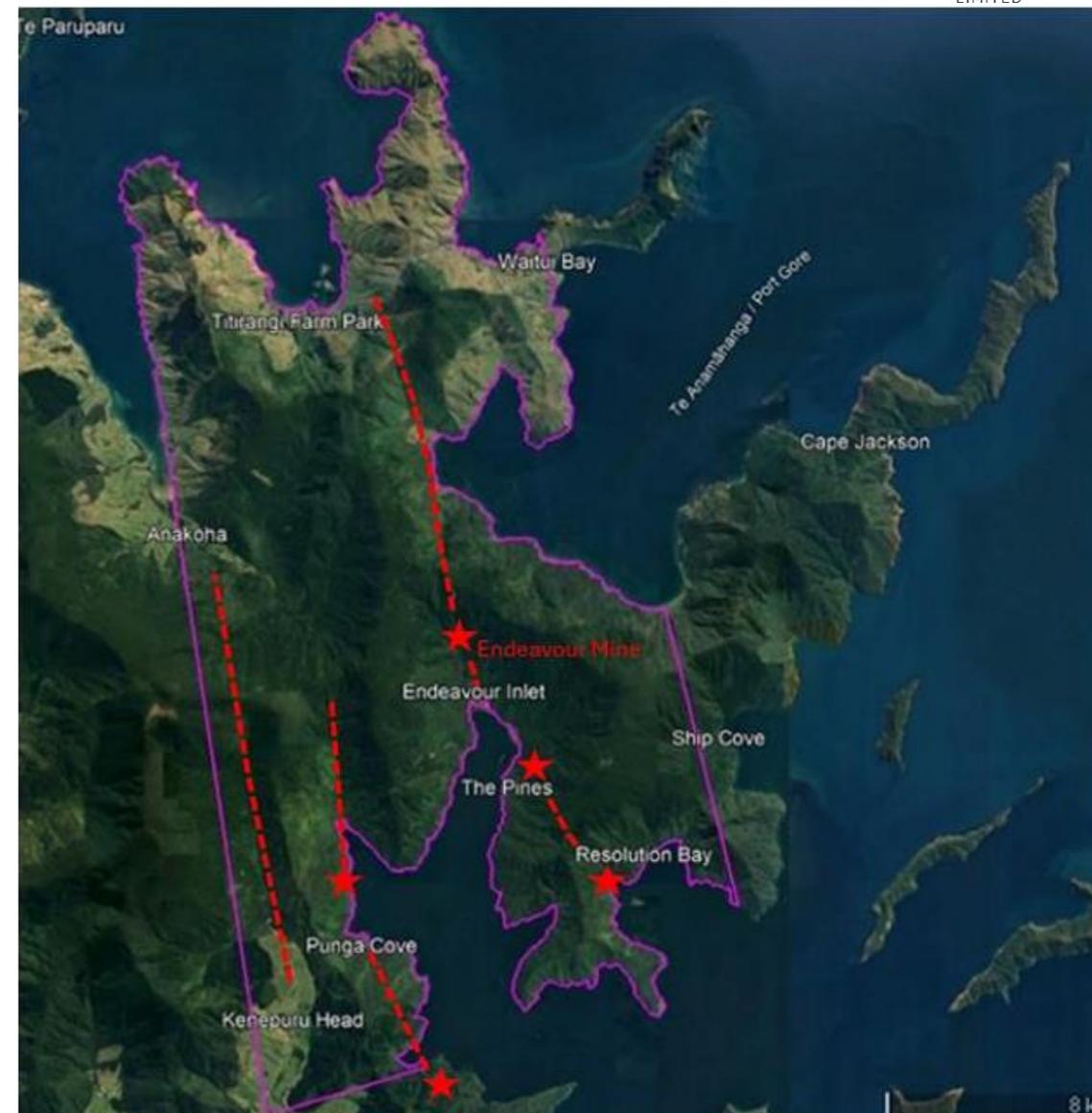
- The Queen Charlotte antimony - gold mineralisation contains the historic Endeavour antimony mine is 120kms to the east of Sams Creek.
- This mine was the largest antimony mine in New Zealand, producing over 3,000t of stibnite (antimony) ore that was direct shipped to England between 1870 and 1890.
- The new permit enhances Siren's focus as a New Zealand gold and antimony explorer, with three key projects in the upper South Island of New Zealand:



# Queen Charlotte: Newly Granted Antimony & Gold

## Highlights of the Endeavour Mine

- Historically New Zealand's largest antimony producer.
- ~3,000t of stibnite ore (antimony) was recovered and direct shipped to England in the late 19<sup>th</sup> Century
- Stibnite ore was mined along strike for 1,200m and a vertical extent of 400m with historical rock chips up to 21% Sb and 4g/t Au
- The antimony mineralisation mined contained approximately 2g/t Au, but the gold was not recovered
- Endeavour Mine is part of a larger shear zone that extends for at least 5 km to 6 km and includes at least two other antimony occurrences
- The mineralisation and structure at the Endeavour mine looks very similar to the Auld Creek mineralisation in Reefton
- Metallurgical testwork completed on Endeavour antimony samples (average 18.7% antimony) in 1977. A stibnite concentrate grading 63% antimony and an overall recovery of 90% was obtainable in a two-stage flotation process.



Exploration permit (purple line), Potential shear zones (red dotted lines) and outcropping antimony mineralisation (red stars).

Appendix

# REEFTON GOLD FIELD & HAURAKI GOLDFIELD (~22% equity interest in RUA Gold)



# Exploration in **Two** Historic **High Grade** Gold Districts

**HAURAKI GOLDFIELD:**  
High-grade Epithermal Gold

HISTORIC PRODUCTION

**15M oz. Au**  
**60M oz. Ag**

HISTORIC GRADE

**15-30 g/t Au**

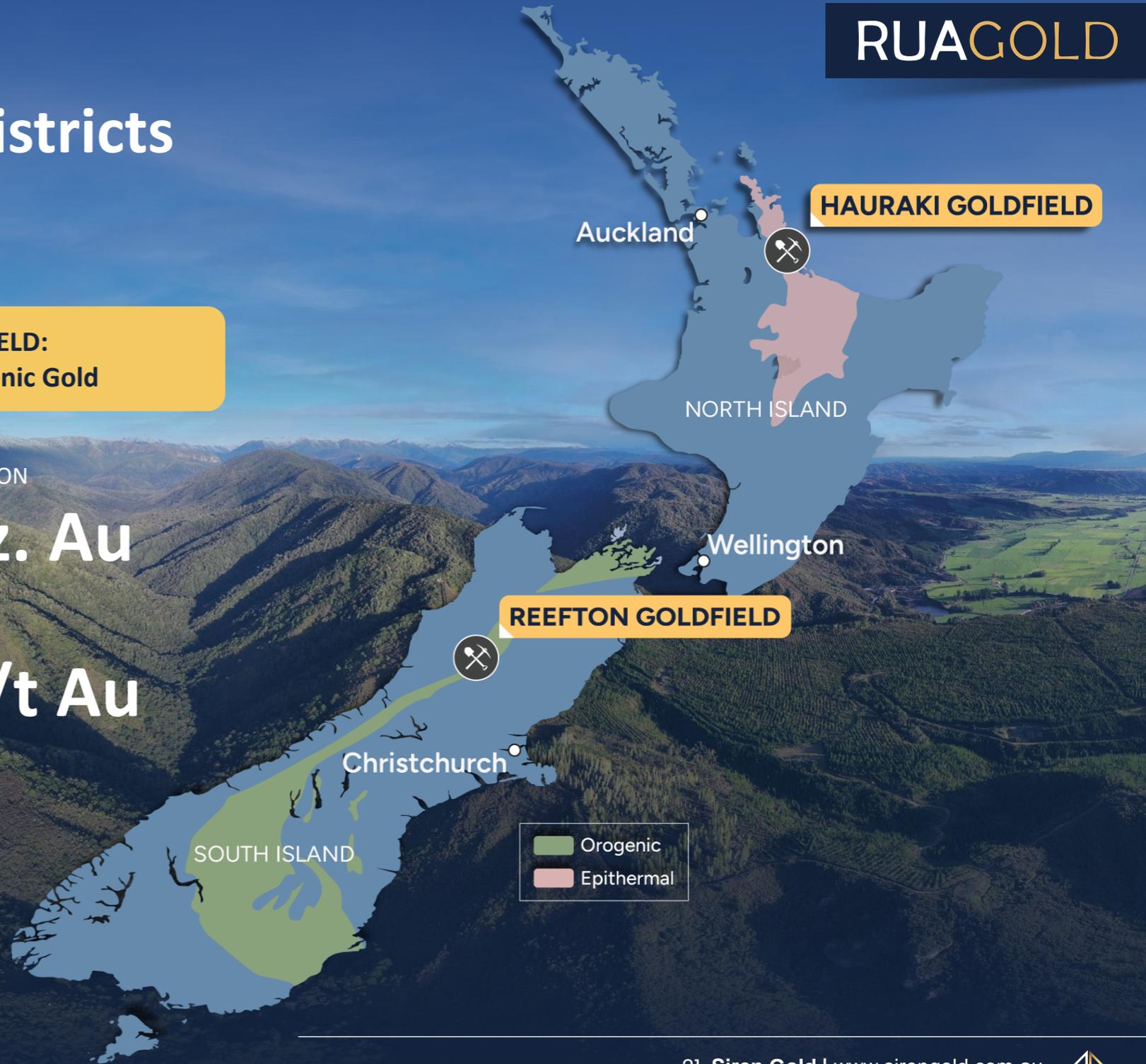
**REEFTON GOLDFIELD:**  
High-grade Orogenic Gold

HISTORIC PRODUCTION

**12M oz. Au**

HISTORIC GRADE

**9-50 g/t Au**



# RESOURCE AND RESERVES



PROJECT NO.	SECTION	DATE	DESCRIPTION
563			
PROJECT NO. 563	SECTION 1	DATE 1/1/20	DESCRIPTION 1
PROJECT NO. 563	SECTION 2	DATE 1/1/20	DESCRIPTION 2
PROJECT NO. 563	SECTION 3	DATE 1/1/20	DESCRIPTION 3
PROJECT NO. 563	SECTION 4	DATE 1/1/20	DESCRIPTION 4
PROJECT NO. 563	SECTION 5	DATE 1/1/20	DESCRIPTION 5
PROJECT NO. 563	SECTION 6	DATE 1/1/20	DESCRIPTION 6
PROJECT NO. 563	SECTION 7	DATE 1/1/20	DESCRIPTION 7
PROJECT NO. 563	SECTION 8	DATE 1/1/20	DESCRIPTION 8
PROJECT NO. 563	SECTION 9	DATE 1/1/20	DESCRIPTION 9
PROJECT NO. 563	SECTION 10	DATE 1/1/20	DESCRIPTION 10

# Resource and Reserves

## Siren Gold Global Mineral Resource Estimate (MRE) at a 1.5g/t Au cut-off (100% basis)

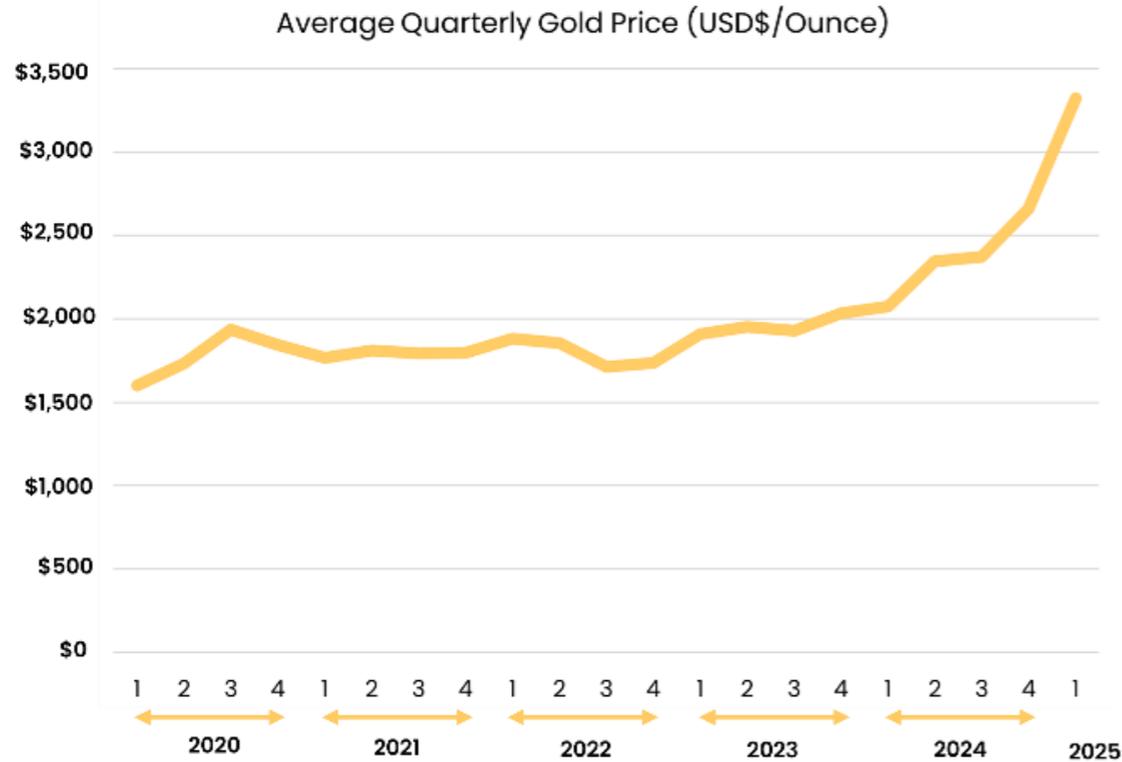
Project	Status	Cut-off (g/t)	Tonnes Mt	Au (g/t)	Ounces koz
Sams Creek <sup>1</sup>	Indicated	1.5	3.29	2.80	295.6
Sams Creek <sup>1</sup>	Inferred	1.5	5.81	2.83	528.8
<b>Total</b>	<b>Indicated &amp; Inferred</b>	<b>1.5</b>	<b>9.10</b>	<b>2.81</b>	<b>824.4</b>

<sup>1</sup>Siren owns 81.2% of the Sams Creek Project.

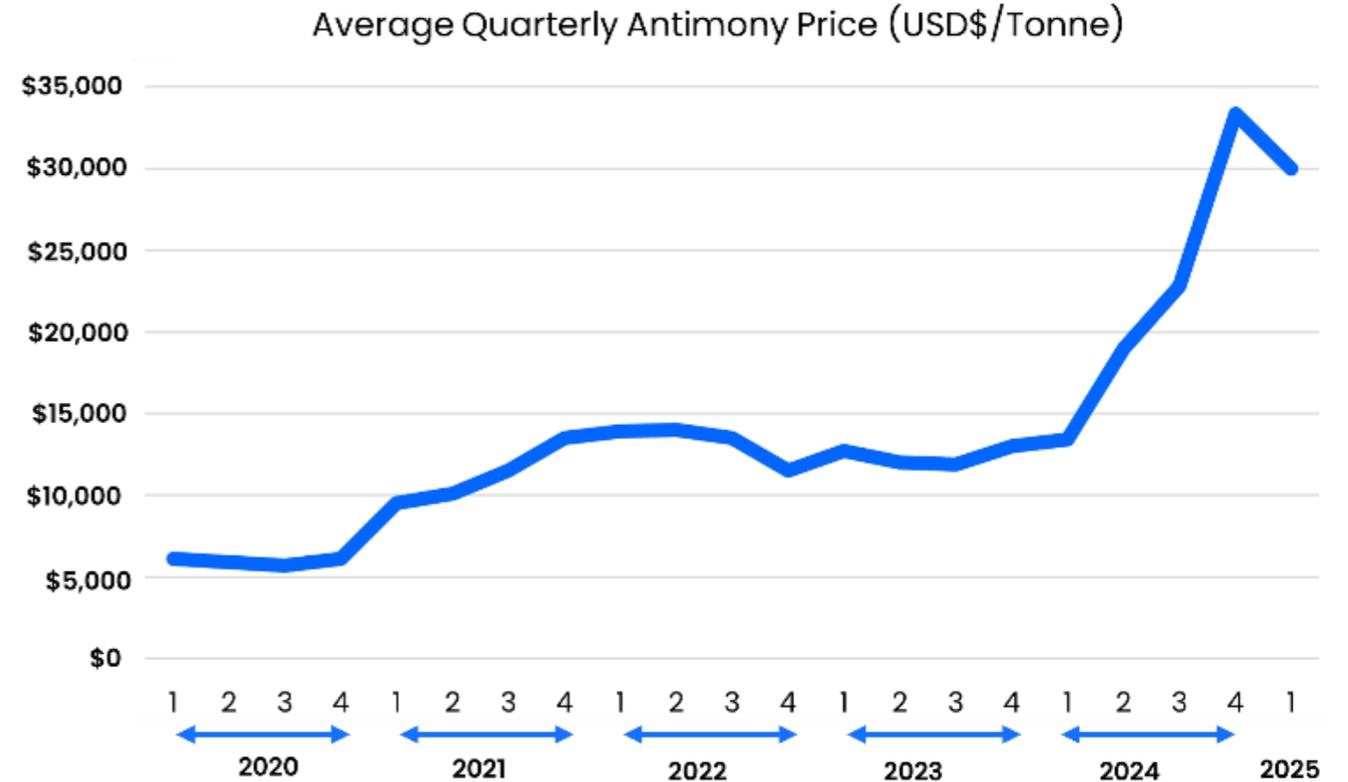


# COMMODITIES OUTLOOK

# Commodities: Gold & Antimony price chart



- 4-year average price over **USD~\$1,800** per ounce
- Currently at USD **\$3,310** per ounce (30/04/2025)
- Growth expected to continue due to **geopolitical uncertainties / interest rates / inflation / form of currency**



- 4-year average price over **USD~\$14,000** per tonne
- Currently at USD **\$30,000** per tonne (30/04/2025)
- Increasing demand for **solar & wind energy**
- Increasing demand for **EV batteries**
- Increasing demand for **military use**

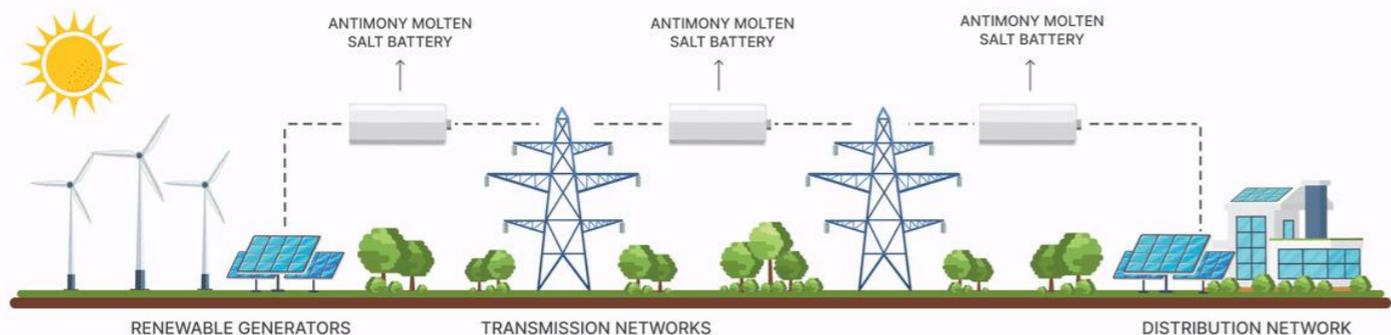


# Antimony: A Critical Mineral

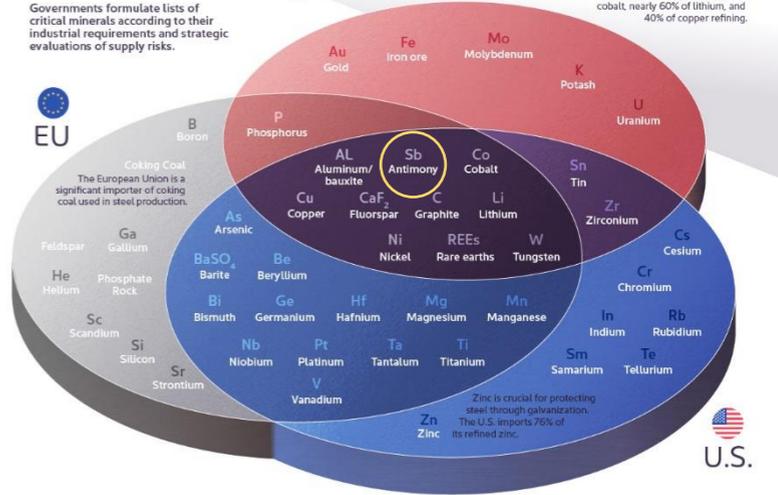
Antimony is extracted from Stibnite, and occurs in association with gold

- Antimony is critical to the world production of solar panels, wind turbines, EV's, energy storage batteries & armaments
- Antimony is a critical element in lithium-ion batteries and the next generation of liquid metal batteries
- China and Russia combined produce approximately **85%** of current world production, Australia produces ~2%
- [US Defence Dept predicting huge requirement for antimony](#)

Potential for supply shortages & price shocks in the coming years



## The Critical Minerals to China, EU, and U.S. Security



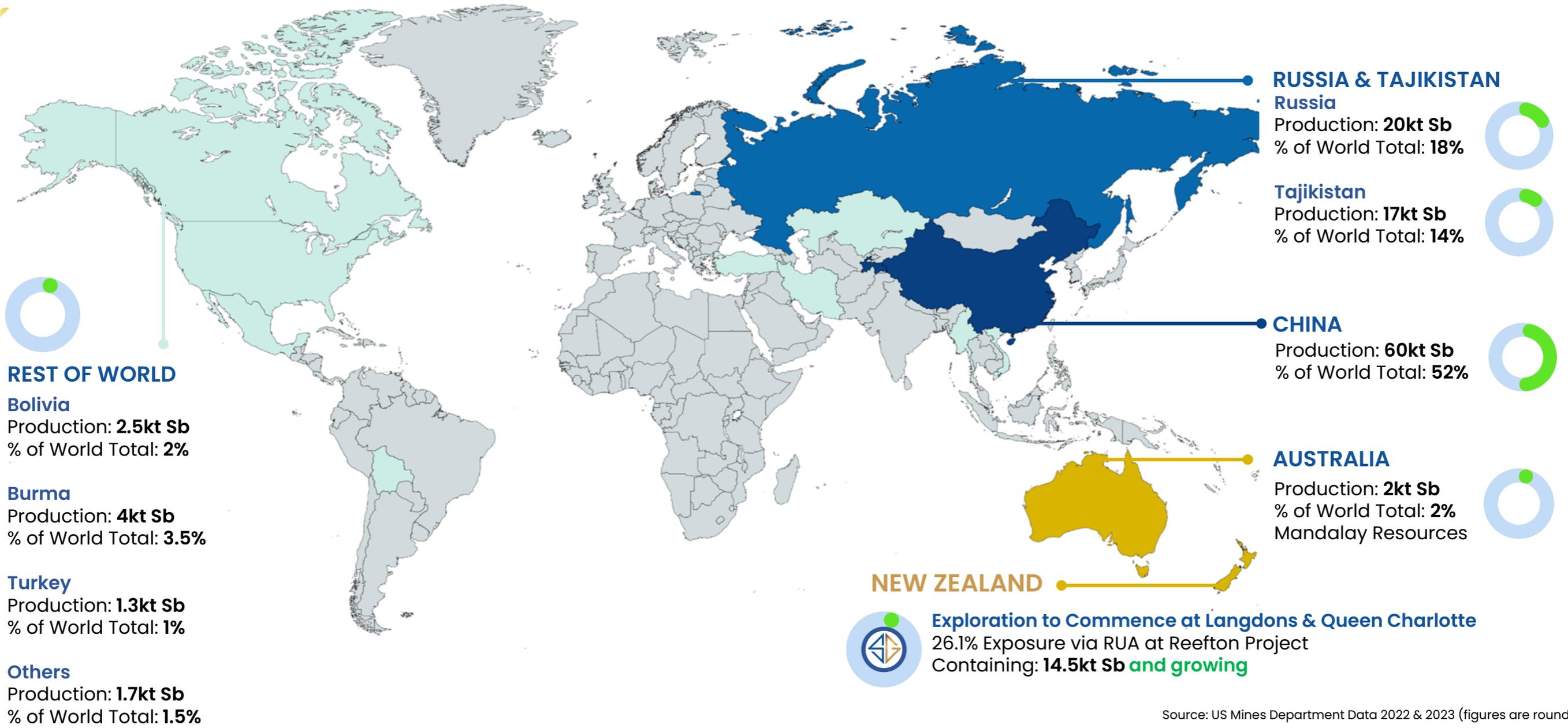
Source: IEA, The U.S. Department of Energy. Note: Data as of September 2023. ELEMENTS-VISUALCAPITALIST.COM



Stibnite bearing ore from the Endeavour Mine, Queen Charlotte Project (Green 2015).



# Supply: World Antimony Production (110 kt pa) Russia + China = 85%



### REST OF WORLD

**Bolivia**  
Production: **2.5kt Sb**  
% of World Total: **2%**

**Burma**  
Production: **4kt Sb**  
% of World Total: **3.5%**

**Turkey**  
Production: **1.3kt Sb**  
% of World Total: **1%**

**Others**  
Production: **1.7kt Sb**  
% of World Total: **1.5%**

### RUSSIA & TAJIKISTAN

**Russia**  
Production: **20kt Sb**  
% of World Total: **18%**

**Tajikistan**  
Production: **17kt Sb**  
% of World Total: **14%**

### CHINA

Production: **60kt Sb**  
% of World Total: **52%**

### AUSTRALIA

Production: **2kt Sb**  
% of World Total: **2%**  
Mandalay Resources

### NEW ZEALAND

**Exploration to Commence at Langdons & Queen Charlotte**  
26.1% Exposure via RUA at Reefton Project  
Containing: **14.5kt Sb and growing**

Source: US Mines Department Data 2022 & 2023 (figures are rounded)

# Exciting Time to Invest in Siren



**SIREN GOLD**  
LIMITED



Well Funded for Growth	Large Resource with Growth Potential at Sams Creek	Significant Exposure to Reefton Project	Pursuing High-Grade Gold & Antimony Opportunities	Tremendous Value Opportunity
<ul style="list-style-type: none"> <li>• ~A\$2.5m in cash<sup>1</sup></li> <li>• ~A\$10.6m in marketable securities<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>• JORC MRE of 824koz @ 2.82 g/t Au (100% basis)</li> <li>• Porphyry dyke system is mapped over 7km along strike, up to 60 m thick and is open at depth</li> <li>• Potential for large, bulk tonnage underground mining operation</li> <li>• Scoping Study &amp; Mining permit application completed</li> </ul>	<ul style="list-style-type: none"> <li>• ~22% ownership of a larger Reefton Project as well as RUA Gold's prospective, high-grade Glamorgan Project</li> <li>• District-scale land package (1,195 km<sup>2</sup>) covering most of the high-grade Reefton Goldfield that produced +2Moz at 15.8g/t Au</li> </ul>	<ul style="list-style-type: none"> <li>• Granted Prospecting permit over the historical Langdons Antimony &amp; gold mine.</li> <li>• Granted Exploration permit over the historical Endeavour antimony mine</li> <li>• Antimony is a critical metal that is trading at over US\$33,550/tonne with limited supply in low-risk mining jurisdictions</li> </ul>	<ul style="list-style-type: none"> <li>• Trading well below value of cash and marketable securities</li> <li>• Trading at an EV/resource of -A\$5.30/oz Au</li> </ul>

1. Cash position as of 31 March 2025

2. 13,987,897 RUA shares at 31 Mar 2025 closing share price (C\$0.068) and C\$0.895:A\$1.00 exchange rate





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