

High Grade Gold & Antimony in New Zealand

Exploration Update

9 July 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;- Langdons High Grade Antimony - Gold Update - 11 June 25; Queen Charlotte Antimony-Gold Exploration permit granted – 6 May 2025: 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 Reefton sale completed & RUA a substantial shareholder – 26 November 2024, Sams Creek Porphyry Gold Copper and REE Potential - 2 October 2024; Sams Creek and Reefton 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 affects 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%)¹
- 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 ~17% share ownership in RUA)

- +1,196km² 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 ~17% share ownership in RUA)

- Within 2.8kms of OceanaGolds newly discovered WKP project with a MRE of 1.4Moz at 13.9g/t Au²
- 3.8km untested zone of silicification, veining and alteration³





Corporate Overview



Share Price Performance (ASX:SNG)



Capital Structure

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

1. 84,979,823 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



Experienced Board



Brian Rodan Chair & Interim Managing Director



Paul Angus Executive Technical Director



Keith Murray Non-Executive Director

SAMS CREEK PROJECT

Sams Creek: 824koz and growing

- JV Siren (81.9%) Oceana Gold (18.1%)¹
- 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 1.0g/t Au cut-off (100% basis)

Category	Tonnes (M)	Au (g/t)	000 oz Au
Indicated	4.07	2.50	327
Inferred	8.22	2.36	626
Combined	12.29	2.41	953

JV with Oceana Gold on tenement EP40338 with remaining tenements 100% owned by Siren

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Sams Creek: 7km strike - Resource of 824koz @ 2.8g/t Au over 1.5kms SIREN GOLD



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Sams Creek: SCD Gently Folded - Dips 10-60° N



Sams Creek: Modelled SCD & Interpreted Fold Hinges



Looking south showing modelled north dipping Sams Creek Dyke (SCD) shown in light grey with interpreted antiform fold hinges shown in darker grey.



SIRFNG

Sams Creek: Modelled SCD & Interpreted Fold Hinges





Plan view showing modelled north dipping SCD, interpreted antiform fold hinges and Sams Creek resource block model.

Sams Creek: Arsenic Soil Geochemistry





Plan view showing modelled north dipping SCD, interpreted antiform fold hinges (dark pink) and gridded arsenic soil geochemistry.

Sams Creek: Arsenic Rock Chips





Plan view showing modelled north dipping SCD, interpreted antiform fold hinges (dark pink) and arsenic rock chips.

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Sams Creek: Diamond Drill holes





Plan view showing modelled north dipping SCD, interpreted antiform fold hinges (dark pink) and existing diamond drillholes.

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Sams Creek: Mineral Resource Estimate (MRE)





Plan view showing modelled north dipping SCD, interpreted antiform fold hinges (dark pink) and Mineral Resource Estimate block model.

Sams Creek: Drillhole Intersections on the edge of the MRE





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Sams Creek: Infill drilling to >80% JORC Indicated Resource





Sams Creek: Circular Structures and As soil geochemistry



LiDAR Circular Structures

As Soil Geochemistry



Interpreted buried magnetic intrusions coincident with circular structures

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





Modelled magnetic inversion anomaly (purple) and SCD MRE

Potential porphyry intrusion at depth.



Sams Creek: Ionic Leach Survey – Elemental Maps





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% to >80% - completed in Q2 2026.
- 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 – completed Q3 2026.
- The existing Sams Creek MRE of 953koz at 2.4g/t Au (1.0 g/t cut-off). The interpreted Riordans, Western Outcrops, Doyles, Main Zone extension, Anvil and Barrons Flat folds have the potential to significantly increase the current Sams Creek MRE.

LANGDONS PROJECT

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andrillin

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PROADER NO. W

Image: Cross of the progress of





- 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.

Langdons: Antimony & Gold



Langdons: Regional & Prospect Geology











Langdons: Regional & Prospect Geology







Langdons: Antimony & Gold Soil Geochemistry





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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 19th 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).

Queen Charlotte: Newly Granted Antimony & Gold





Appendix

REEFTON GOLD FIELD & HAURAKI GOLDFIELD (~17% 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

Auckland

Wellington

NORTH ISLAND

REEFTON GOLDFIELD

Christchurch

 (\mathbf{X})

SOUTH ISLAND

Orogenic Epithermal



HAURAKI GOLDFIELD

RESOURCE



Siren Gold Global Mineral Resource Estimate (MRE) at a 1.0 and 1.5g/t Au cut-off (100% basis)

Project	Status	Cut-off g/t	Tonnes Mt	Au g/t	Ounces koz
Sams Creek ¹	Indicated	1.0	4.07	2.50	327.0
Sams Creek ¹	Inferred	1.0	8.22	2.36	626.0
Total	Indicated & Inferred	1.0	12.29	2.41	953.0
Sams Creek ¹	Indicated	1.5	3.29	2.80	295.6
Sams Creek ¹	Inferred	1.5	5.81	2.83	528.8
Total	Indicated & Inferred	1.5	9.10	2.80	824.4

¹ Siren owns 81.9% of the Sams Creek Project



Commodities: Gold & Antimony price chart





Average Quarterly Antimony Price (USD\$/Tonne)



- 4-year average price over USD~\$1,800 per ounce
- Currently at USD \$3,310 per ounce (7/07/2025)
- 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





Strategic

Defence Applications

Technology

Coatings &

Semiconductors

Ambri Liquid Metal Batteries For Long-life Energy Storage **SIRFN GOLD**



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



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





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

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

o 4%

• 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 17% Exposure via RUA at Reefton Project Containing: 14.5kt Sb and growing

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

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%**



Exciting Time to Invest in Siren

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
 ~A\$2.5m in cash¹ ~A\$10.4m in marketable securities² 	 JORC MRE of 953koz @ 2.4 g/t Au (100% basis) Porphyry dyke system is mapped over 7km along strike, up to 60 m thick and is open at depth Potential for large, bulk tonnage underground mining operation Scoping Study & Mining permit application completed 	 ~17% ownership of a larger Reefton Project as well as RUA Gold's prospective, high- grade Glamorgan Project District-scale land package (1,195 km²) covering most of the high-grade Reefton Goldfield that produced +2Moz at 15.8g/t Au 	 Granted Prospecting permit over the historical Langdons Antimony & gold mine. Granted Exploration permit over the historical Endeavour antimony mine Antimony is a critical metal that is trading at over US\$33,550/tonne with limited supply in low-risk mining jurisdictions 	 Trading well below value of cash and marketable securities Trading at an EV/resource of -A\$5.30/oz Au

1. Cash position as of 31 March 2025

2. 13,987,897 RUA shares 9 Jul 2025 closing share price (C\$0.066) and C\$0.895:A\$1.11 exchange rate

SIRENGOLD

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