

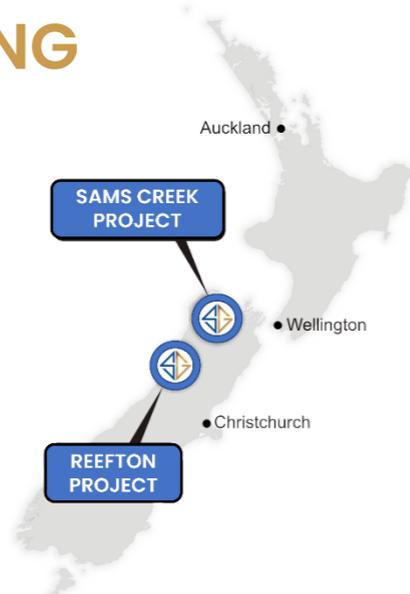


**SIREN GOLD**  
LIMITED

## Sydney Gold Conference

29 August 2023

ASX:SNG



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## COMPETENT PERSONS STATEMENT

The information contained in this report relating to exploration results, exploration targets and mineral resources has been previously reported by the Company; Drilling at Auld Creek continues to intersect a broad mineralised zone – 19 Jul 2023; High-grade visible gold in quartz reef at Big River South – 12 July 2023; Ionic Leach trial successfully detects mineralisation 500m below surface at Sams Creek – 22 June 2023; Second hole at Auld Creek intersects Broad Mineralised Zone – 8 Jun 2023; Trenching results extend mineralisation trend at Lyell to 1km – 1 June 2023; Siren’s Global Resource increases to 1.2Moz – 11 May 2023; First hole at Auld Creek intersected 20.8m @ 12.0g/t AuEq – 8 May 2023; Big River Maiden Mineral Resource increases Siren to 1.1Moz – 20 April 2023; Broad mineralisation evident from Sirens first drillhole at Auld Creek – 12 April 2023; First drillhole at Auld Cree-More High-grade results at Auld Creek – 11 April 2023; High-grade Gold at United Victory Reef – Lyell – 7 March 2023; Drilling to Commence at Auld Creek – 6 March 2023; Global Resource Reaches Key 1 Moz Milestone – 30 January 2023; More high-grade Gold and Stibnite intersected at Auld Creek – 24 January 2023; Metallurgical Results an Process Plant Scoping Study Update – 20 January 2023; Granting of the Cumberland EP – 21 December 22; New high-grade Gold and Stibnite intersected at Auld Creek – 3 November 2022; Sams Creek Mineral Resource Estimate exceeds 800,000oz at higher grade – 17 November 22; New high-grade Gold and Stibnite intersected at Auld Creek – 3 November 2022; Alexander River and Big River progress – 28 October 2022; High-grade Gold intersected on 4km Soil Anomaly at Lyell – 14 October 22; Exceptional high-grade Gold & Stibnite at Auld Creek – 4 October 22; Alexander River Maiden Mineral Resource Estimate – 20 July 22; Siren Expands Exploration Strategy – 20 July 22; Big River A2 Shoot extended t 200m – 11 July 22; Another High-grade intersection at Alexander River – 6 July 22; Exciting potential at Sirens Auld Creek Project – 9 Jun 22; Siren Gold Acquires Sams Creek Gold Project – 3 Jun 22; Siren Gold Pegs High Grade Langdons Reef at Reefton – 10 May 22; New 3km Gold Zone Discovered at Lyell – 4 April 22; Spectacular Siren Strike – 2.5m @ 358g/t Au – 31 Mar 22; Compelling Comparisons on Reefton and Fosterville Deposits – 25 March 22; Siren Continues to Intercept high Grade Mineralisation – 17 March 22; New 3km mineralised zone discovered at St George – 16 Feb 22; New mineralised shoot intersected at Alexander River – 16 Dec 21; Scoping Study for Process Plant at Reefton – 28 Oct 21; Siren Significantly Extends Mineralisation at Big River – 19 April 21 (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.

# Company Snapshot



**Brian Rodan**  
FAusImm  
Executive Chairman

Fellow of the Australian Institute of Mining and Metallurgy (FAusIMM) with 45 years of OP & UG contract mining experience globally.



**Paul Angus**  
BSC Hons Geology  
MAusIMM  
Executive  
Technical Director

Geologist with 30+ years of mining & geology experience in NZ  
Responsible for >3Moz discoveries at Macraes, Reefton and Sams Creek  
Graduate from Otago University.



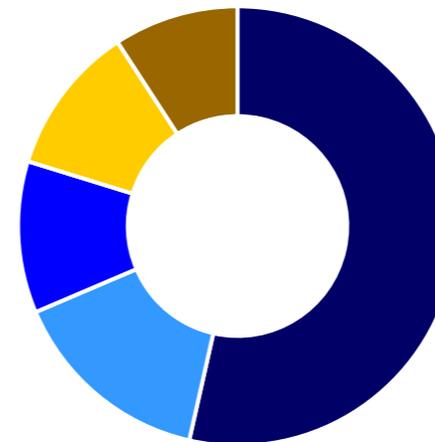
**Keith Murray**  
Bacc CAANZ  
Non-Executive  
Director

Chartered accountant with 40 years experience at General Manager level in audit, accounting, tax, finance, treasury and corporate governance.

## Capital Structure

ASX Code	SNG
Share Price	10 Cents
Shares on Issue	135,525,475
Options/Performance Rights	9,293,262
Market Capitalisation	<\$15m

## Major Shareholders



- BBR Group 15%
- BNP Paribas Nominees Pty Ltd 4.22%
- National Nominees Ltd 3.13%
- Lynden Investments Group 3.09%
- HGL Investments Pty Ltd 2.58%



# Key Highlights



**Very prospective & under-explored ~1,100km<sup>2</sup> tenement package**

## Reefton

- Reefton is a **large historic NZ goldfield** with previous gold production totalling **11 Moz**
- 85 historical mines closed over 80 years ago
- 5 deposits with total MRE of **511koz @ 3.4g/t AuEq**
- Reefton South extension undercover of **~20km**
- **Absolutely huge upside exploration potential**

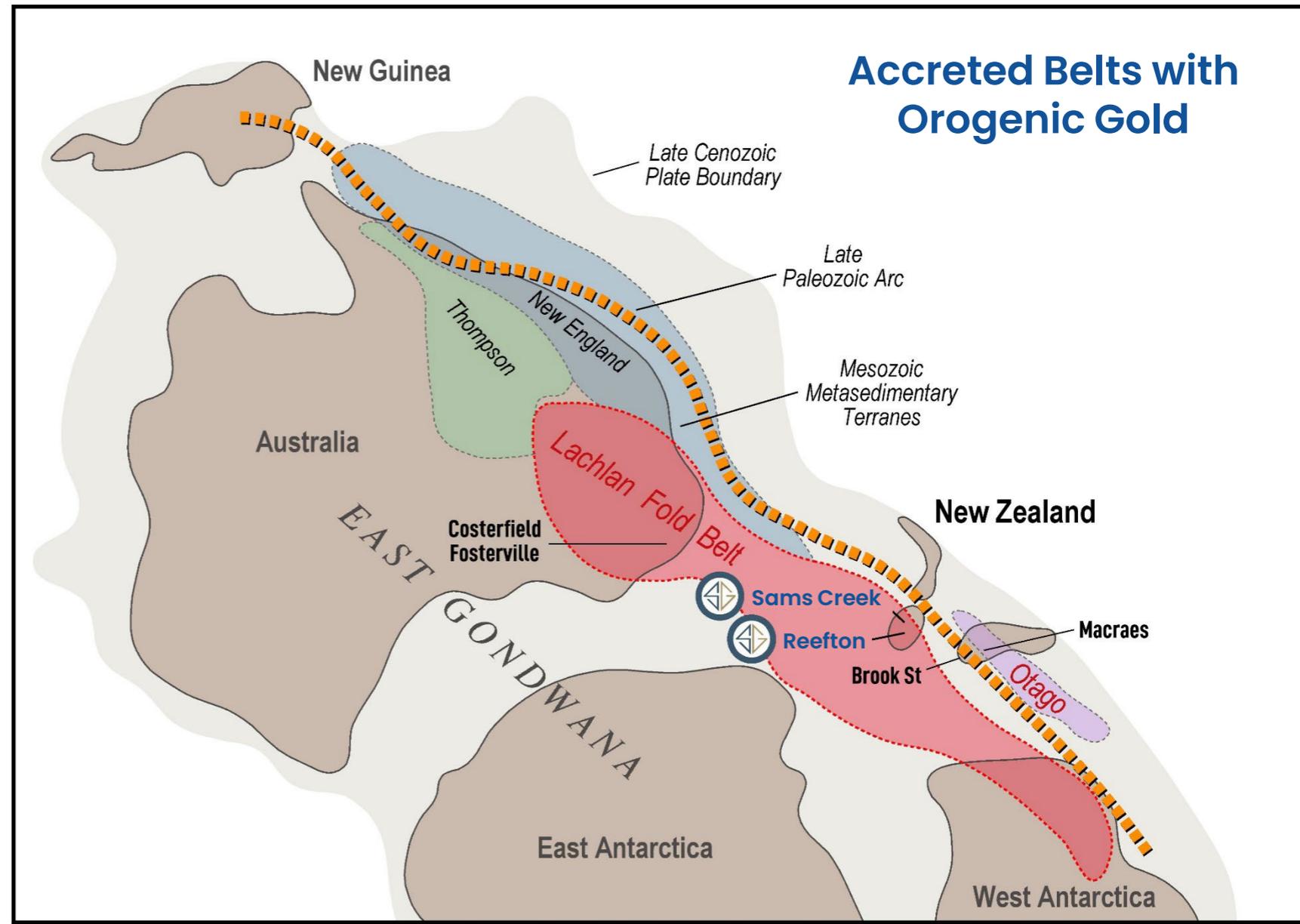
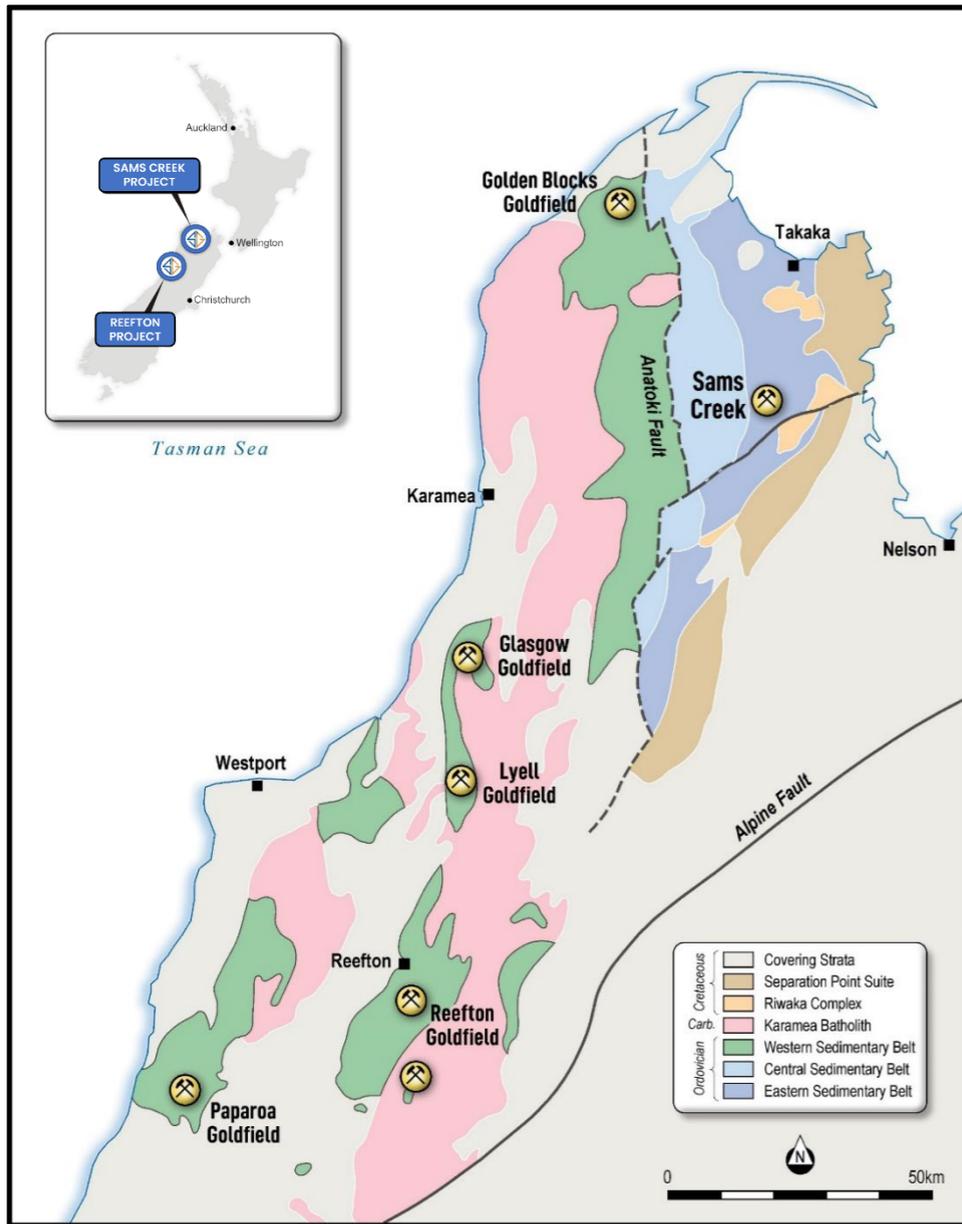
## Sams Creek

- Sams Creek porphyry dyke **7kms long & 50m wide, open at depth, outstanding exploration potential**
- Sams Creek MRE of **824koz @ 2.8g/t Au**

**Siren's Global Resource 1.33Moz @ 3.3g/t AuEq**



# Reefton & Sams Creek – Originally Part of the Lachlan Fold Belt



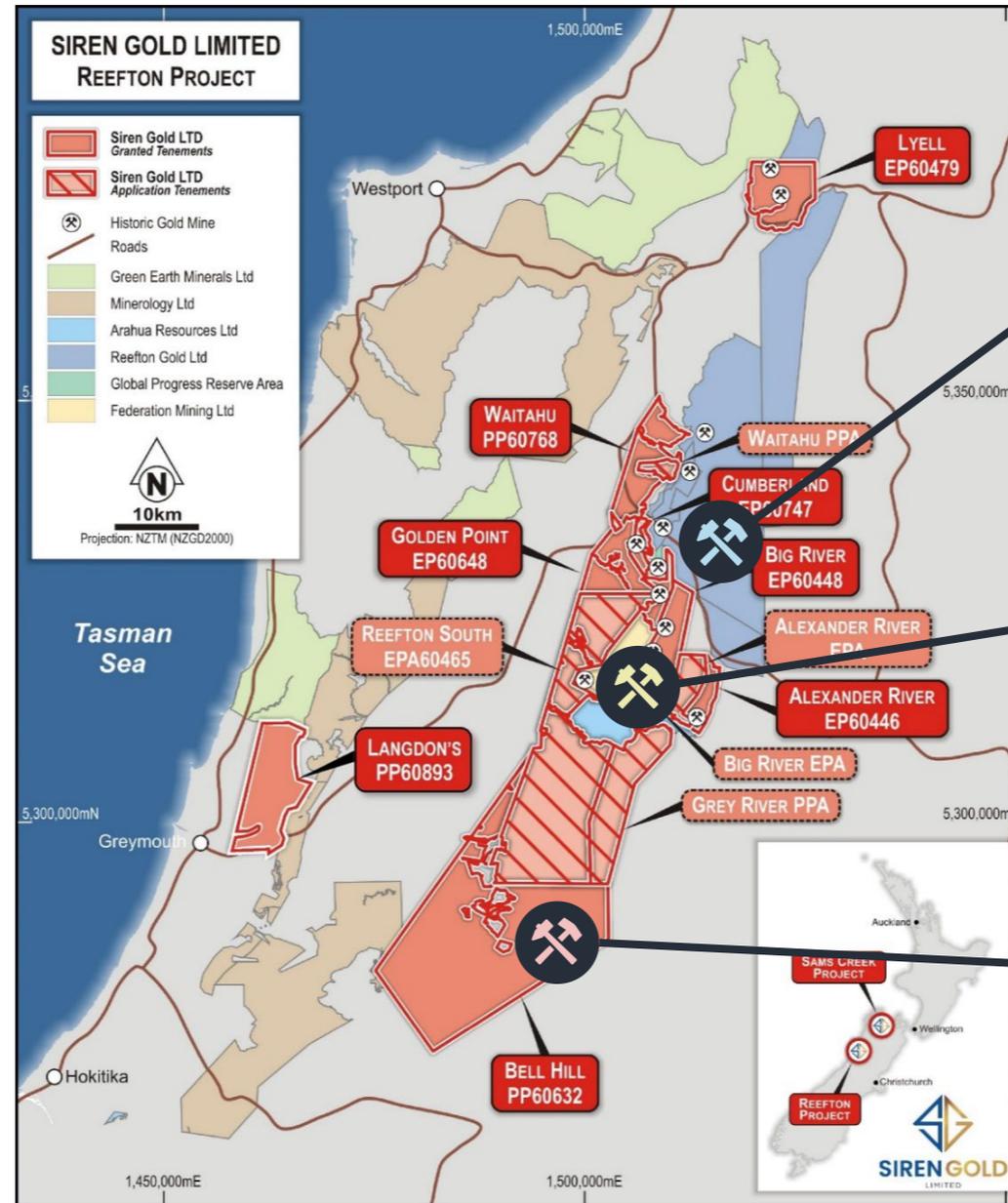


# Reefton Goldfield - 35km Long Structural Corridor + 20km Extension

Siren Gold has a dominant **1,100km<sup>2</sup>** tenement package

Supportive NZ government with **clear paths** to upgrade exploration permits to **mining permits**

Reefton is a great **mining community** – just like Kalgoorlie, WA



## Reefton Goldfields

Private, backed by Eric Sprott and Oliver Lennox-King

## Federation Mining Limited

Developed twin declines & currently UG diamond drilling at the Blackwater mine.

Private company backed by Australian Super & NZ Govt

## Siren Gold

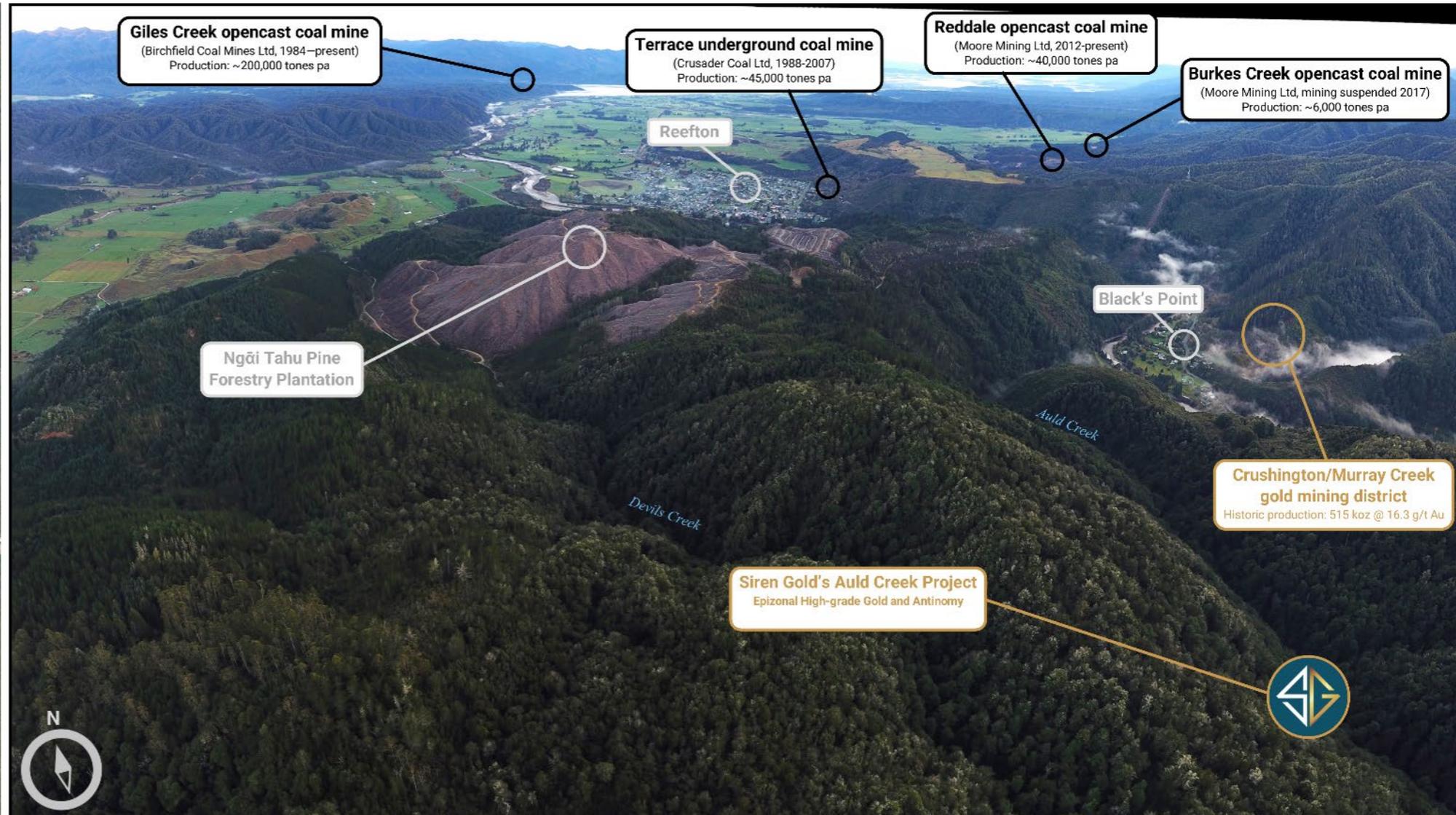
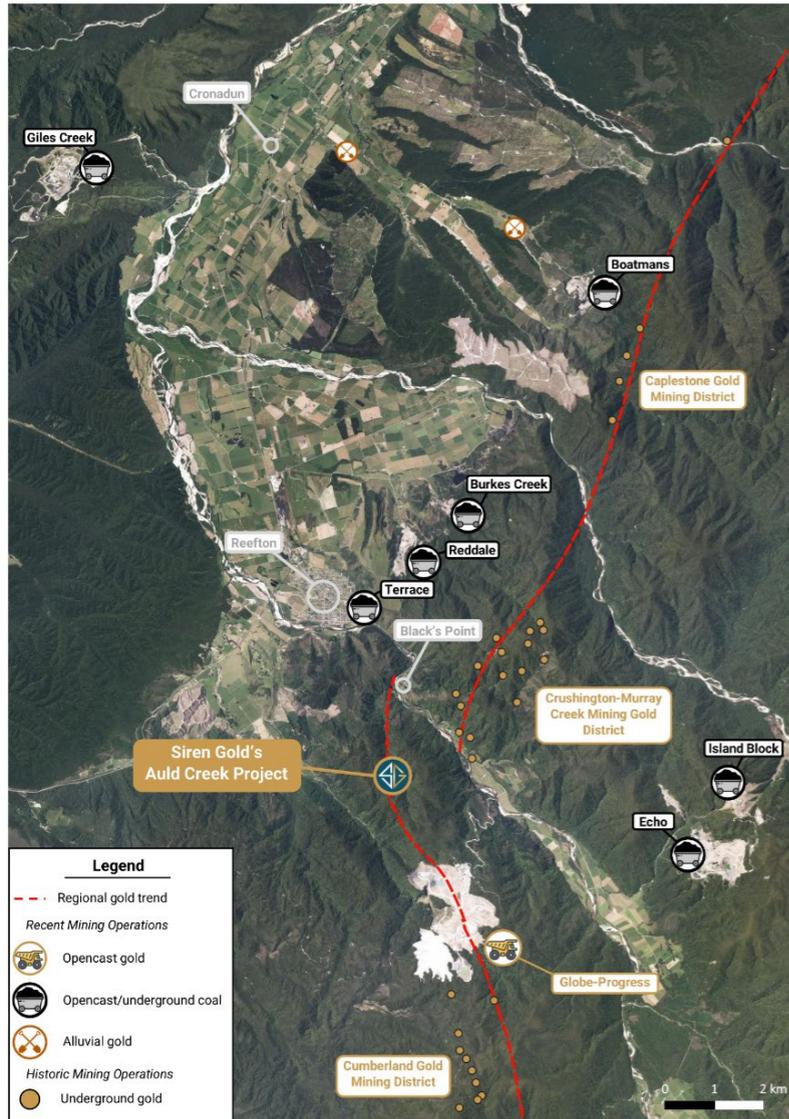
Backed by Top 50 and the ASX



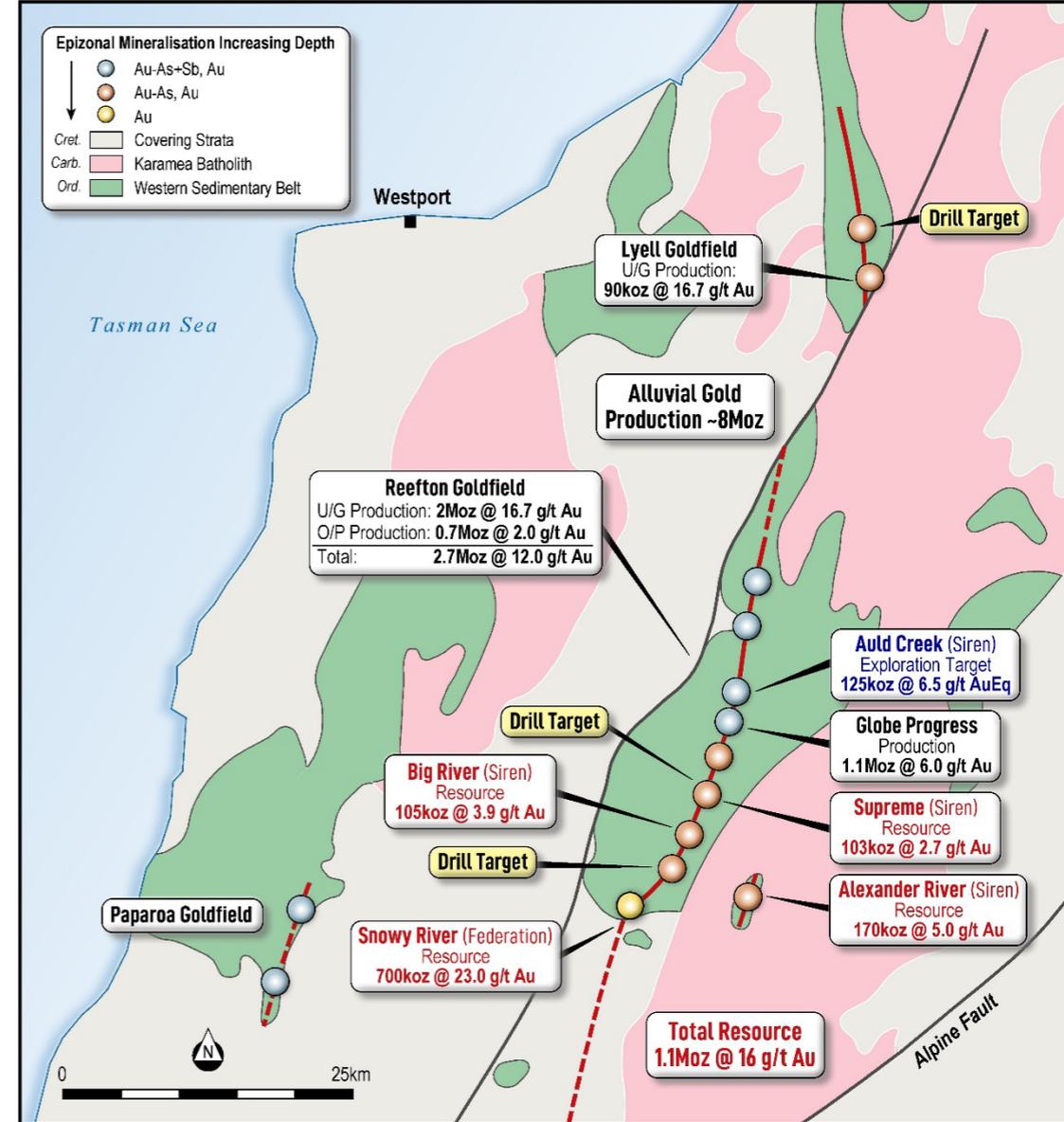
# Reefton Mining Zone – 18 Mines within 20kms of Auld Creek

## Reefton

## Aerial View



# Reefton High-Grade Epizonal Mineralisation – Vertical Zonation



# Global MRE – 1.33Moz @ 3.3g/t AuEq

Resource increased by >100% in last 12 months

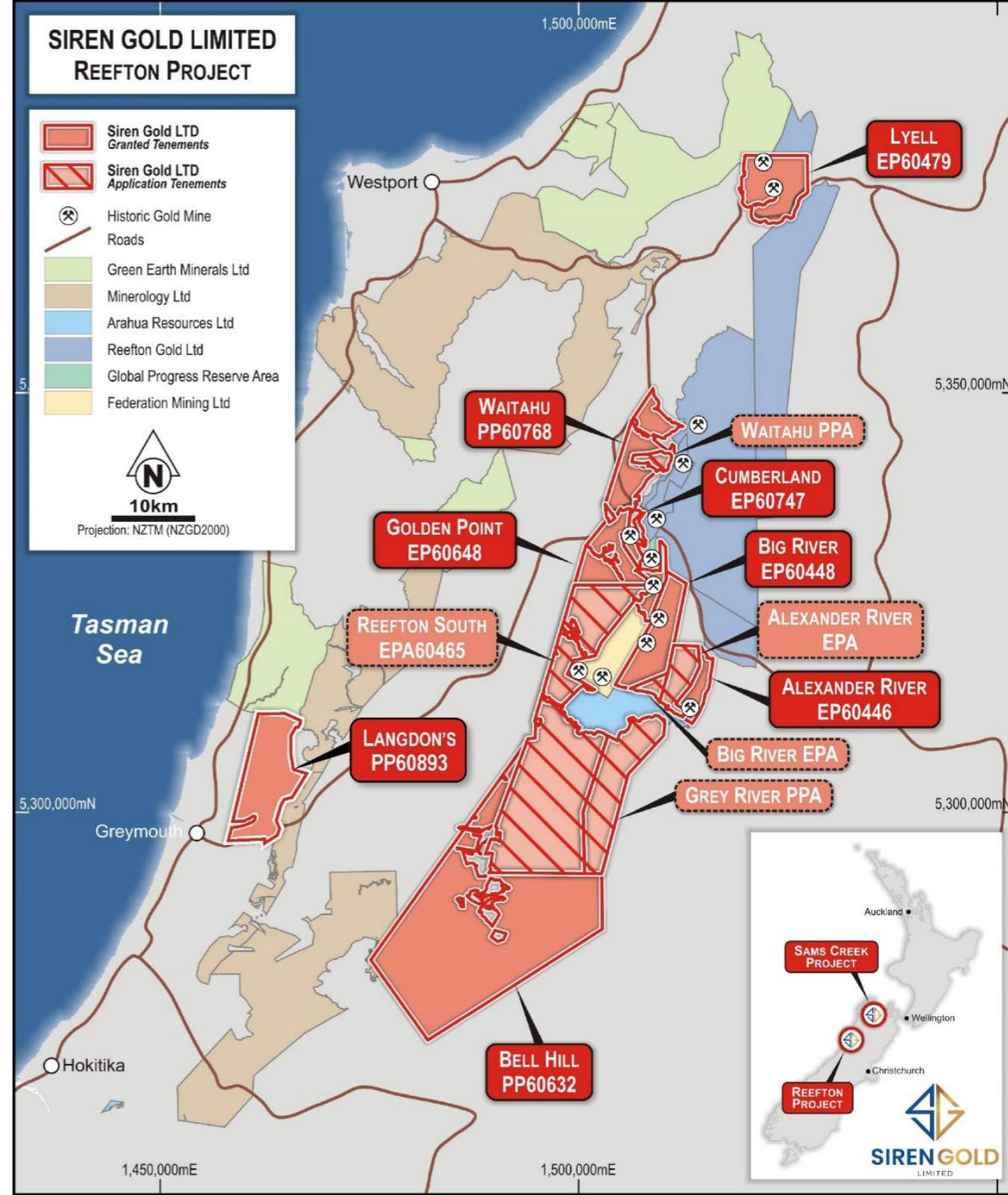
- **Reefton: 511koz @ 4.4g/t AuEq**
- **Sams Creek: 824koz @ 2.8g/t Au**

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

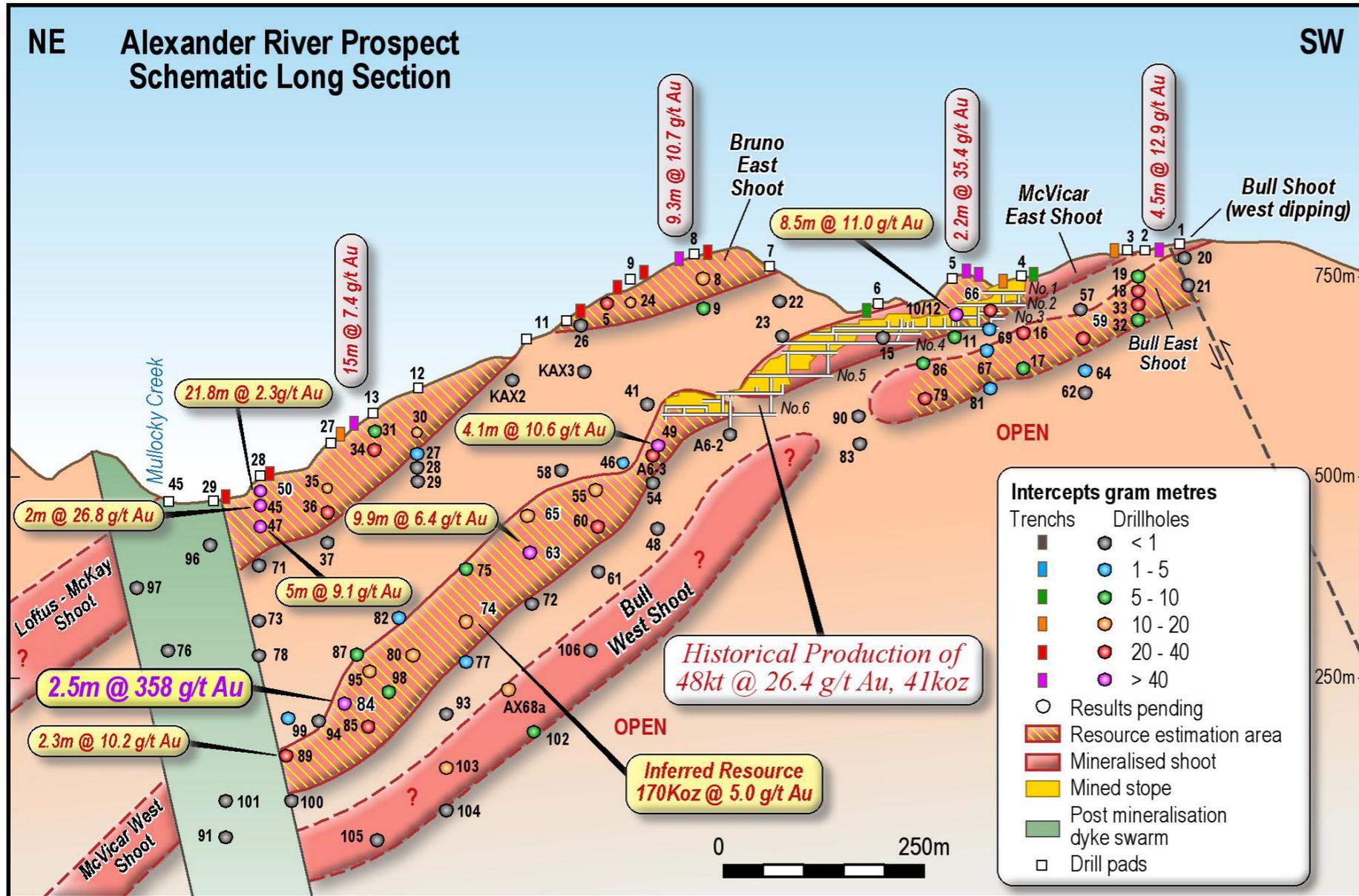
Project	Status	Cut-off g/t	Tonnes Mt	Au g/t	Sb %	Ounces koz	Sb kt	AuEq g/t	AuEq koz
Sams Creek	Indicated	1.5	3.29	2.80		295.6		2.80	295.6
<b>Total</b>	<b>Indicated</b>	<b>1.5</b>	<b>3.29</b>	<b>2.80</b>		<b>295.6</b>		<b>2.80</b>	<b>295.6</b>
Sams Creek	Inferred	1.5	5.81	2.83		528.8		2.83	528.8
Alexander River	Inferred	1.5	1.07	4.95		169.6		4.95	169.6
Big River	Inferred	1.5	0.83	3.94		105.5		3.94	105.5
Supreme	Inferred	1.5	1.05	2.71		103.3		2.71	103.3
Auld Creek	Inferred	1.5*	0.58	3.53	1.5	65.8	8.7	7.10	132.4
<b>Total</b>	<b>Inferred</b>	<b>1.5</b>	<b>9.34</b>	<b>3.20</b>		<b>973</b>	<b>8.7</b>	<b>3.42</b>	<b>1039.6</b>
<b>Total</b>	<b>Indicated + Inferred</b>	<b>1.5</b>	<b>12.63</b>	<b>3.10</b>		<b>1,268.6</b>	<b>8.7</b>	<b>3.26</b>	<b>1,335.2</b>

\*Based on gold equivalent formula of AuEq = Au g/t + 2.36 x Sb% using a gold price of US\$1,750/oz & antimony price of US\$13,000 per tonne.

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



# Alexander River – MRE 170koz @ 5.0g/t Au



Mine closed in 1942

1.2km quartz Reef trenching  
+800m long, 4m wide @ ~8g/t Au

Mineral Resource Estimate

- 170koz @ 5.0g/t Au

## Best Drill Holes Alexander River

2.5m @ 358g/t Au

3.0m @ 10.8g/t Au

8.0m @ 11.0g/t Au

2.0m @ 26.8g/t Au

4.1m @ 10.6g/t Au

5.0m @ 8.7g/t Au

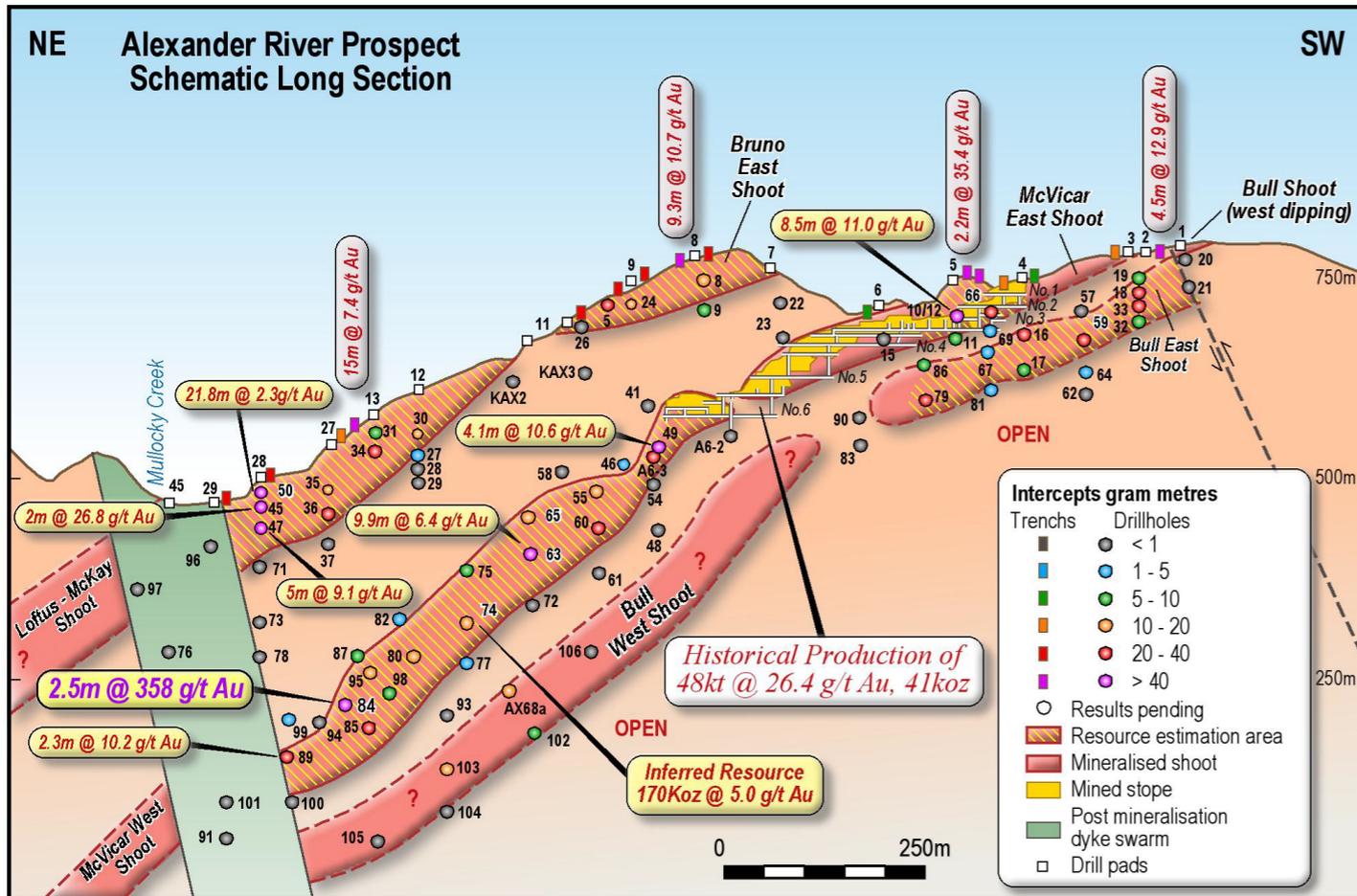
2.1m @ 19.3g/t Au



# Alexander River – Shoots Extend Along Strike & Down Dip for KM's

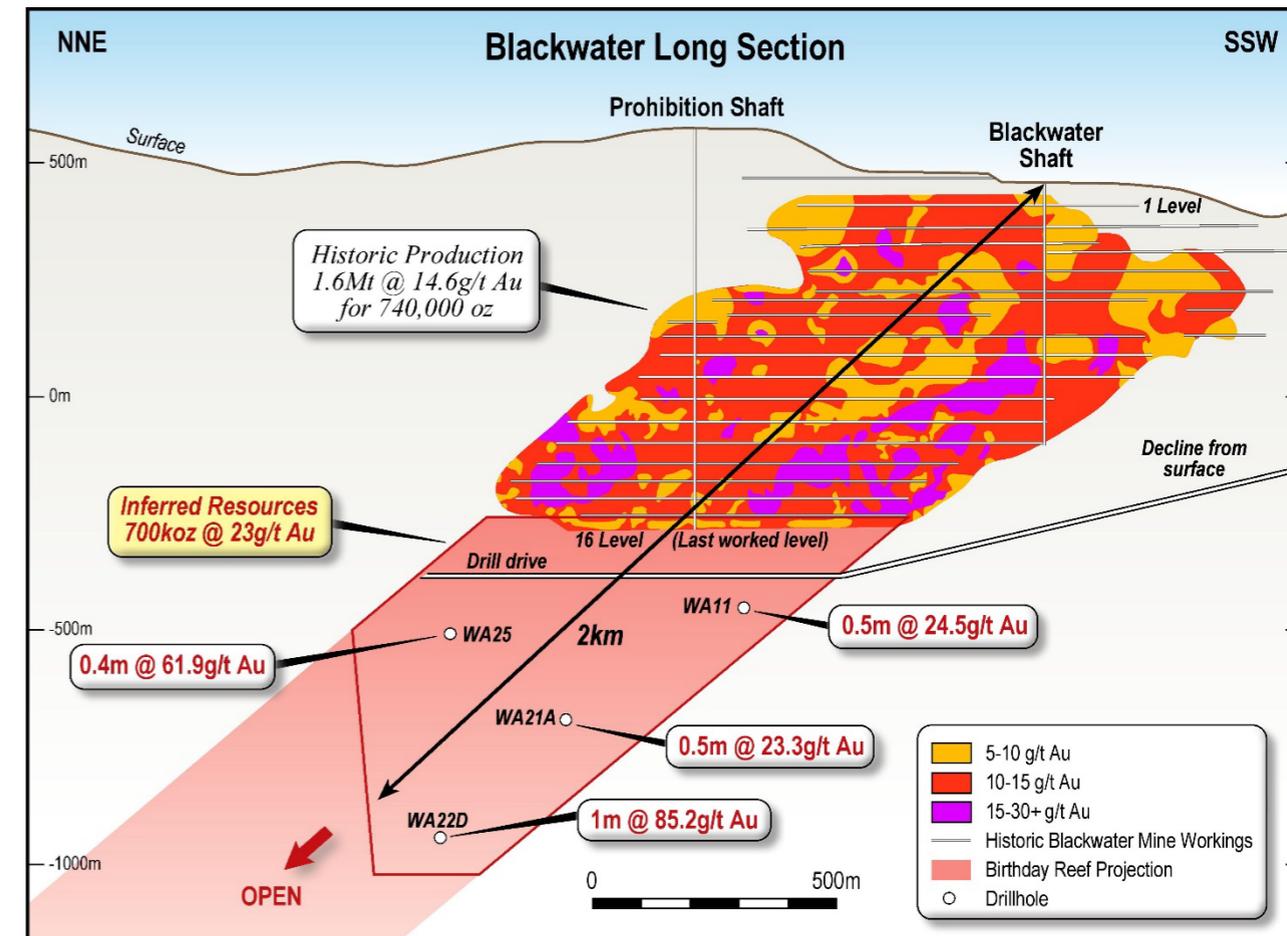
## Sirens Alexander River Project

Shoot extends for +1.3kms down plunge

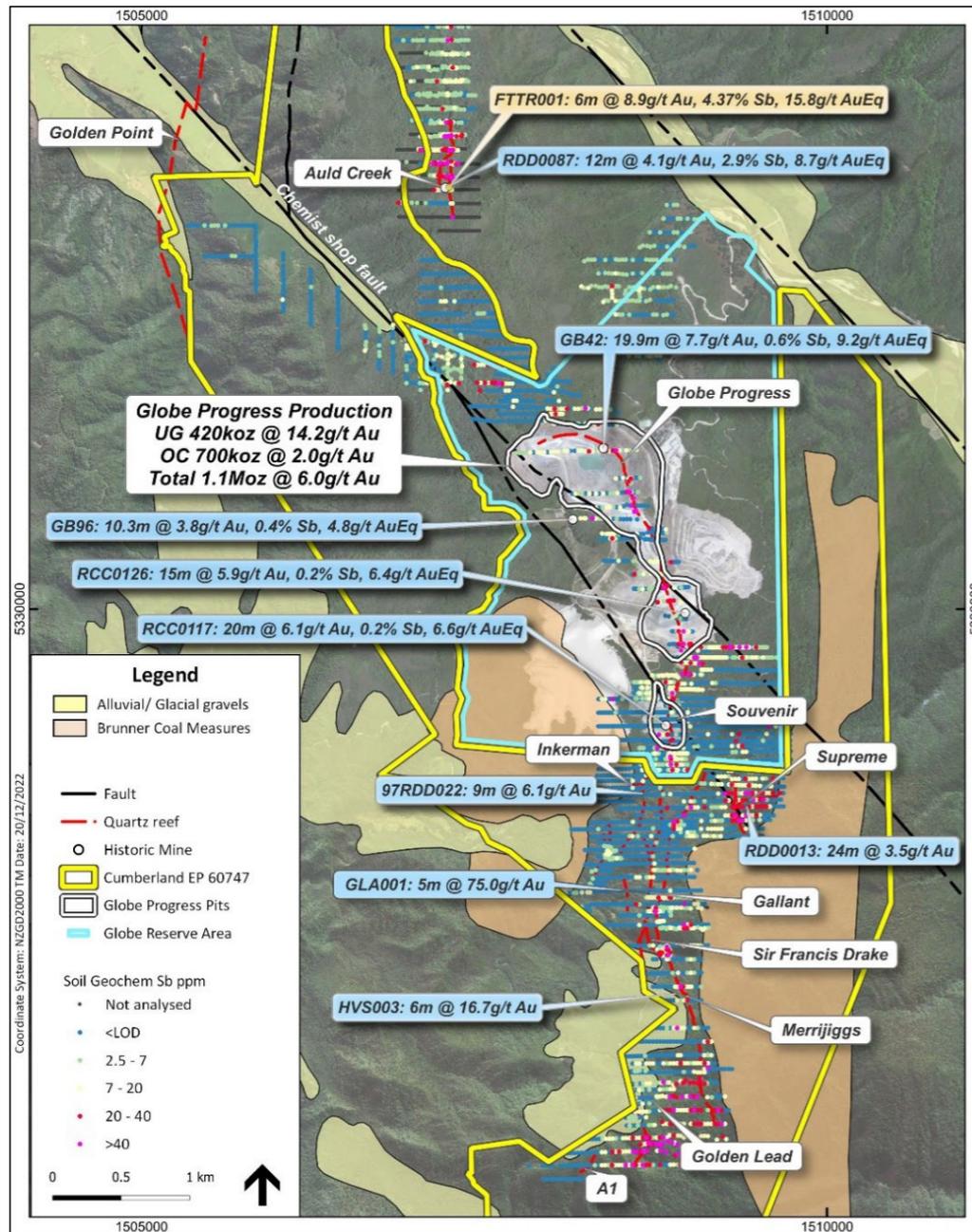


## Federations Snowy River Mine Development

Shoot extends for +2.0kms down plunge



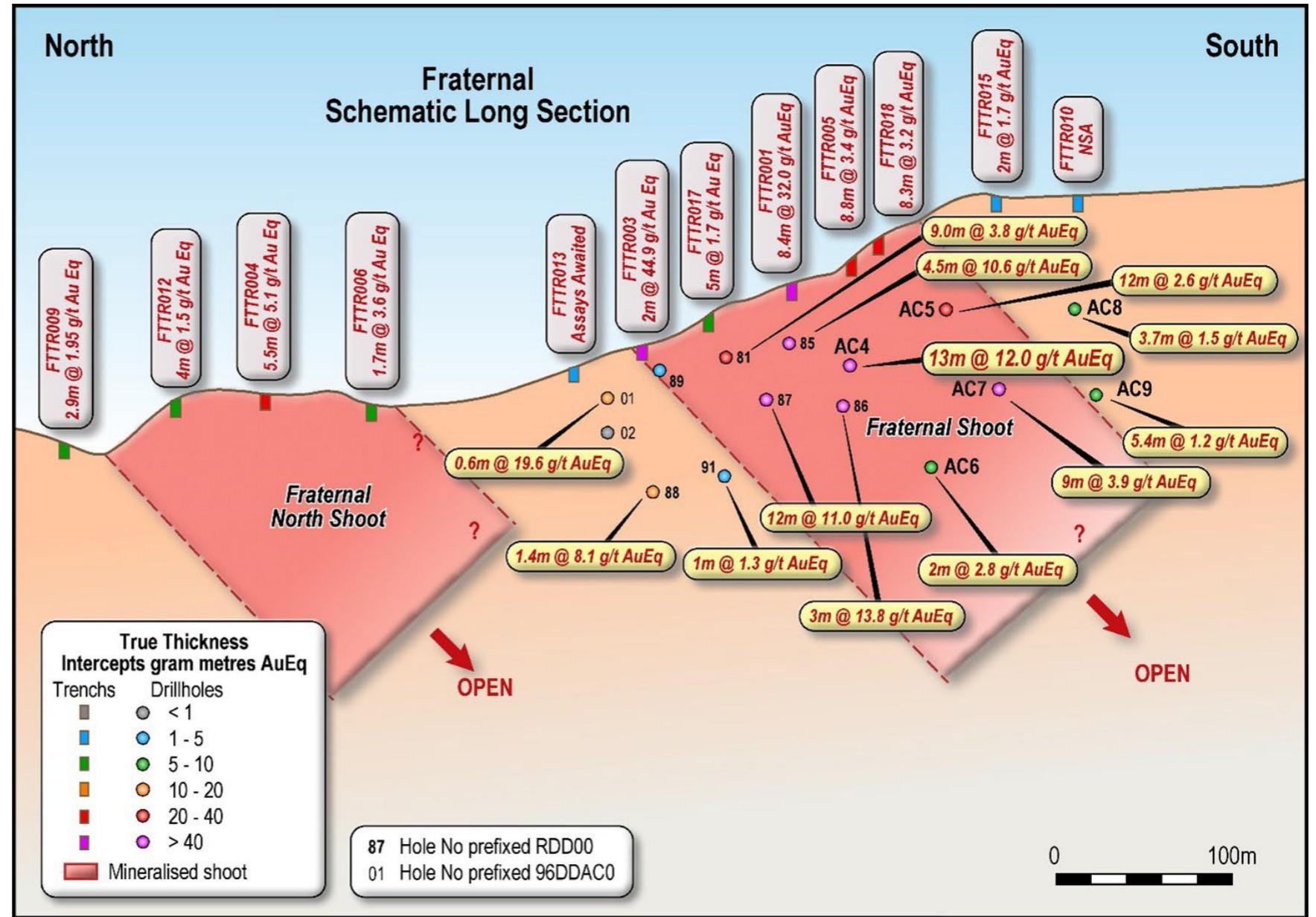
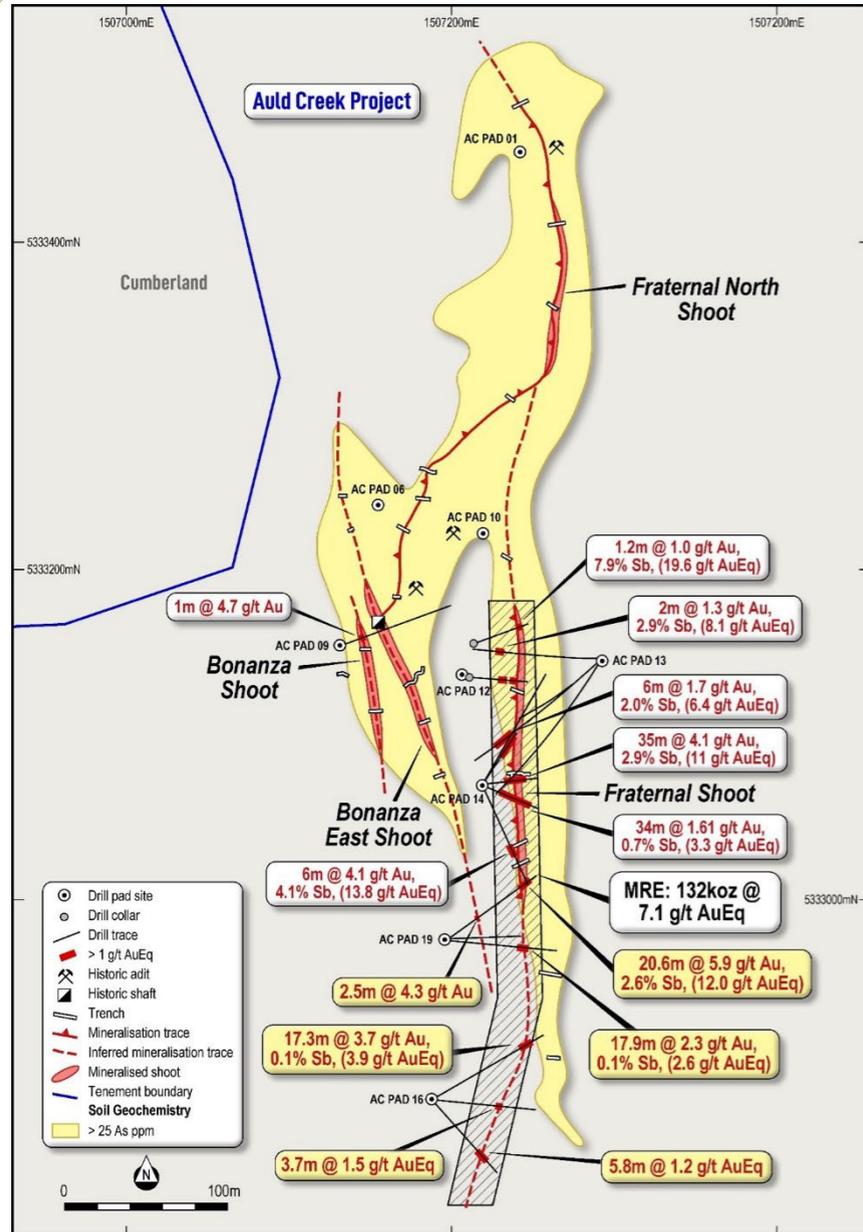
# Cumberland - Historical Production 1.1Moz @ 6g/t Au



## Historical gold production of 1.1 Moz @ 6g/t Au

- (420koz @ 12.2g/t Au UG and 700koz @ 2g/t Au in OP)
- Cumberland mineralisation **extends for 3km** south of Globe Progress mine area and is open in all directions
- The Cumberland tenement **follows the main structural corridor** that hosts the larger mines in the Reefton field and links Siren to the Auld Creek Au-Sb prospect
- Stibnite mineralisation **extends for 10kms** from Auld Creek to Globe Progress, Souvenir, Supreme and Big River

# Auld Creek - MRE of 132koz @ 7.1g/t AuEq for Fraternal Shoot (Au-Sb) SIRENGOLD LIMITED

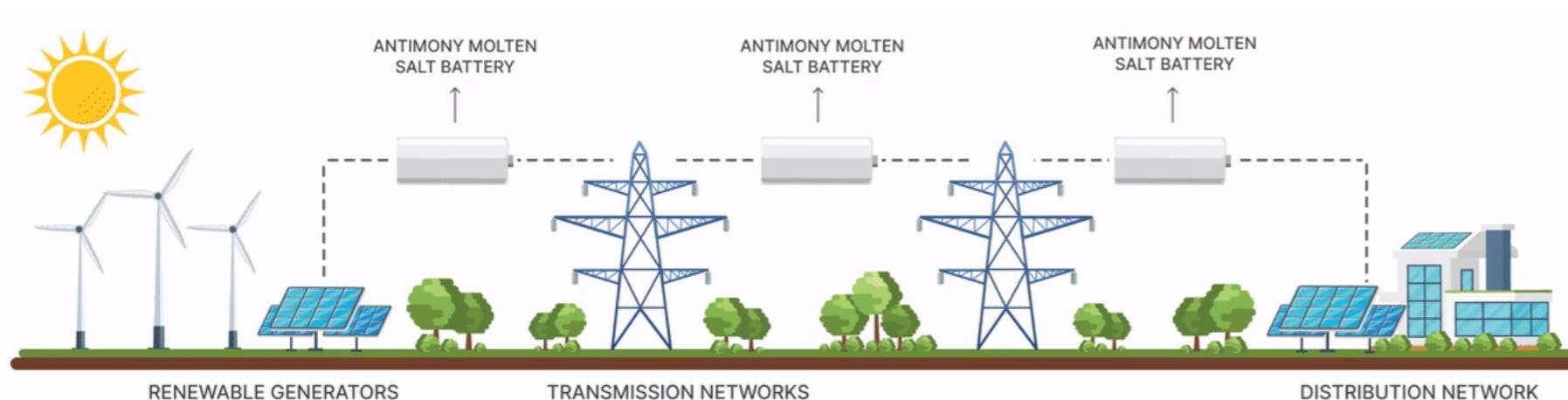


# Antimony – A Rare Critical Mineral

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

- Antimony is critical to the world’s supply of semi-conductors, solar panels, wind turbines and is becoming very important to the EV & energy storage industries.
- Antimony is a critical element in lithium-ion batteries and next generation liquid metal batteries.
- China and Russia combined produce approximately **82%** of current world production, Australia produces ~5%.

Potential for supply shortages & price shocks in the coming years.



Strategic  
Defence  
Applications

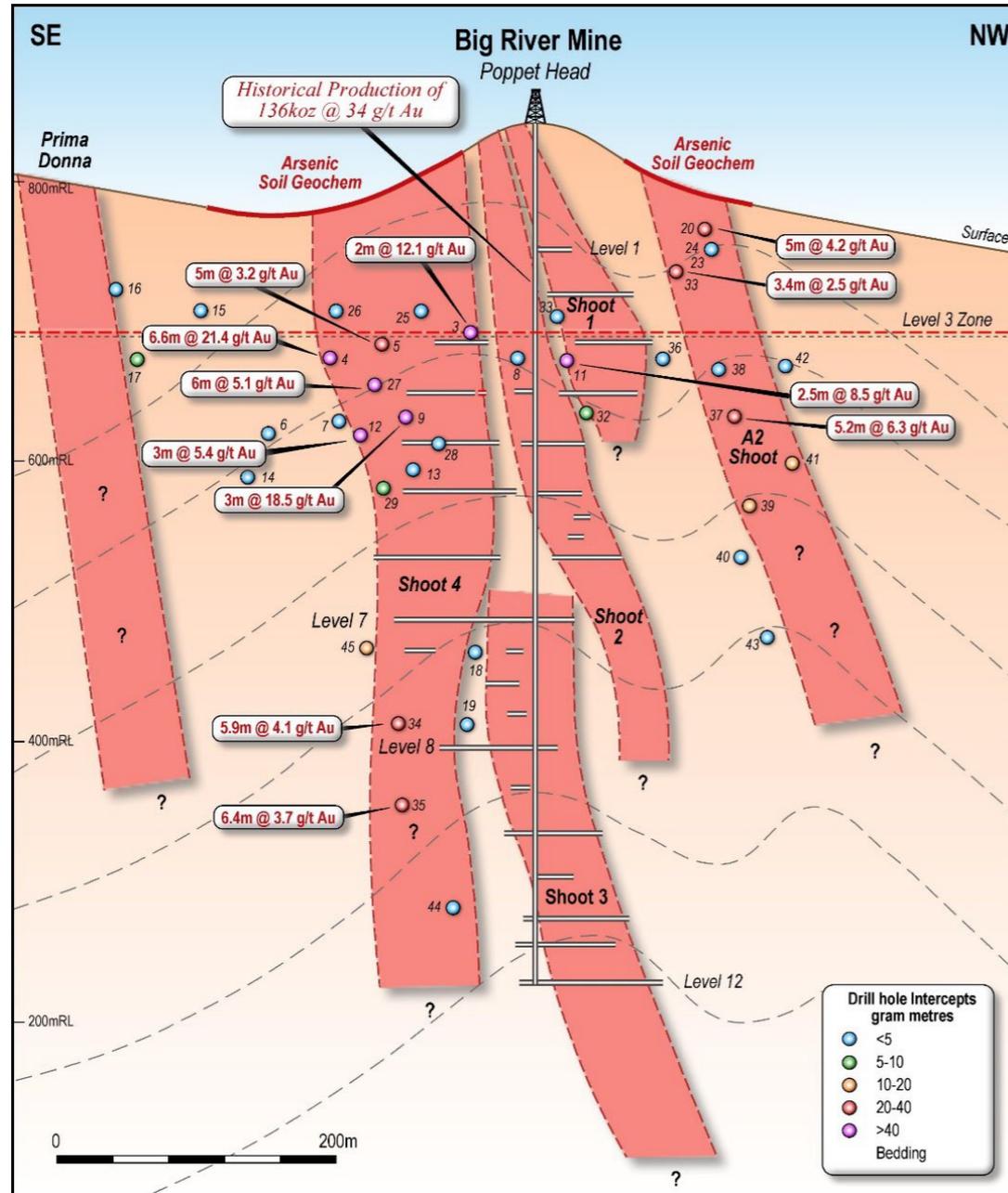
Technology  
coatings &  
semiconductors



Ambri liquid  
metal batteries  
for long-life  
energy storage



# Big River – Historical Production 136koz @ 34.1g/t Au



Mined closed during WWII in 1942  
produced **136koz @ 34.1g/t Au**

**Inferred MRE 105koz @ 3.94g/t Au**

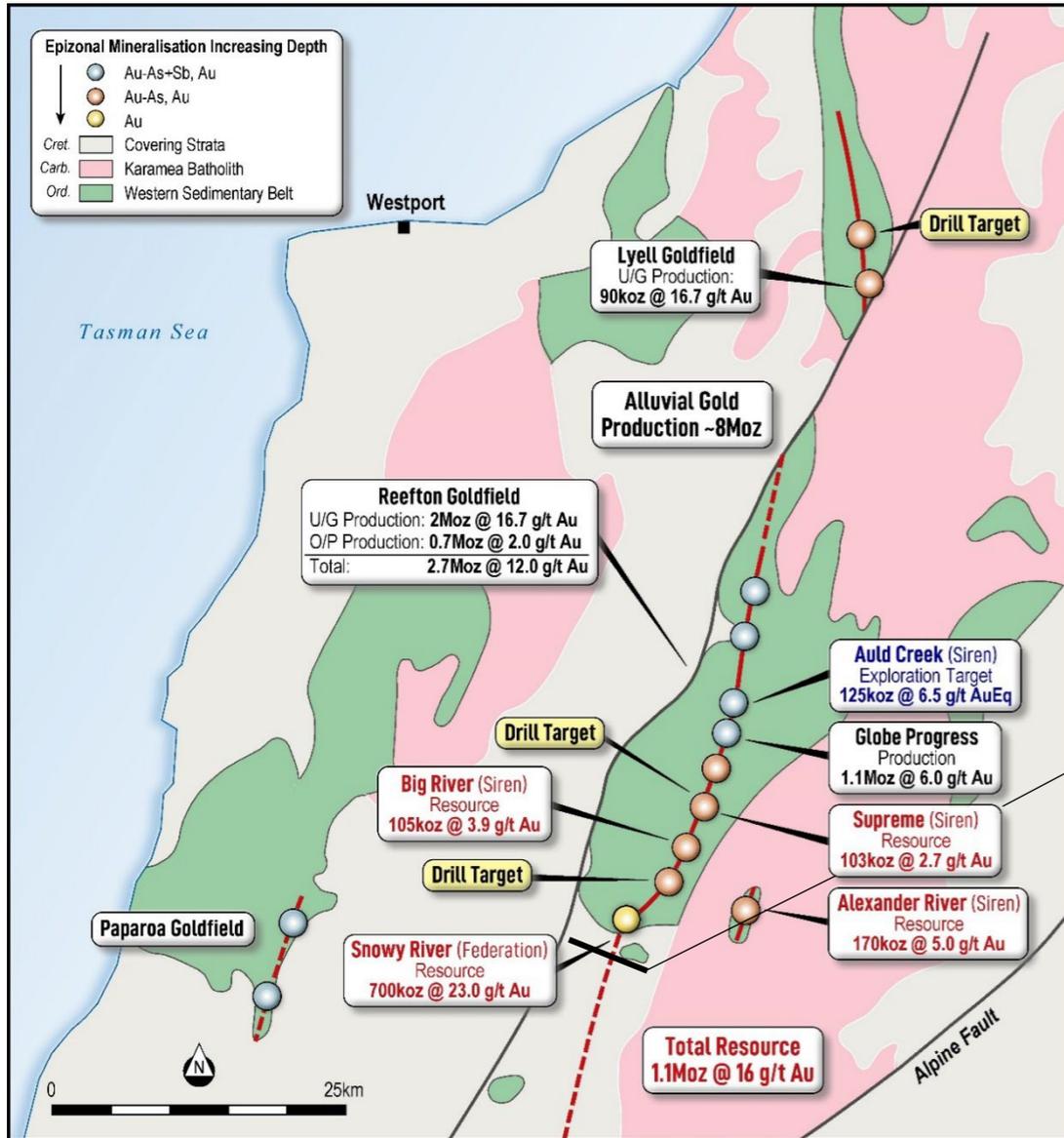
Big River contains massive **high-grade Stibnite/Antimony veins**

### Big River Drill hole Intercepts

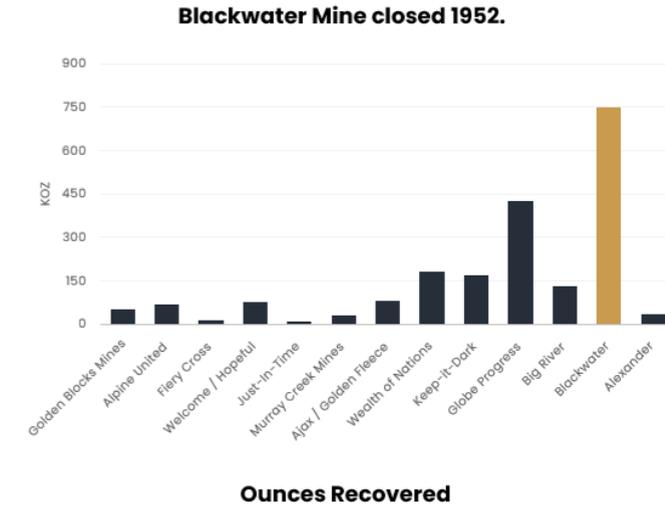
6.6m @ 21.4g/t Au	Shoot 4
3.0m @ 18.5g/t Au	Shoot 4
2.0m @ 12.1g/t Au	Shoot 4
6.0m @ 5.1g/t Au	Shoot 4
5.9m @ 4.1g/t Au	Shoot 4
5.2m @ 6.3g/t Au	A2 Shoot
5.0m @ 4.2g/t Au	A2 Shoot
2.5m @ 8.5g/t Au	Shoot 1



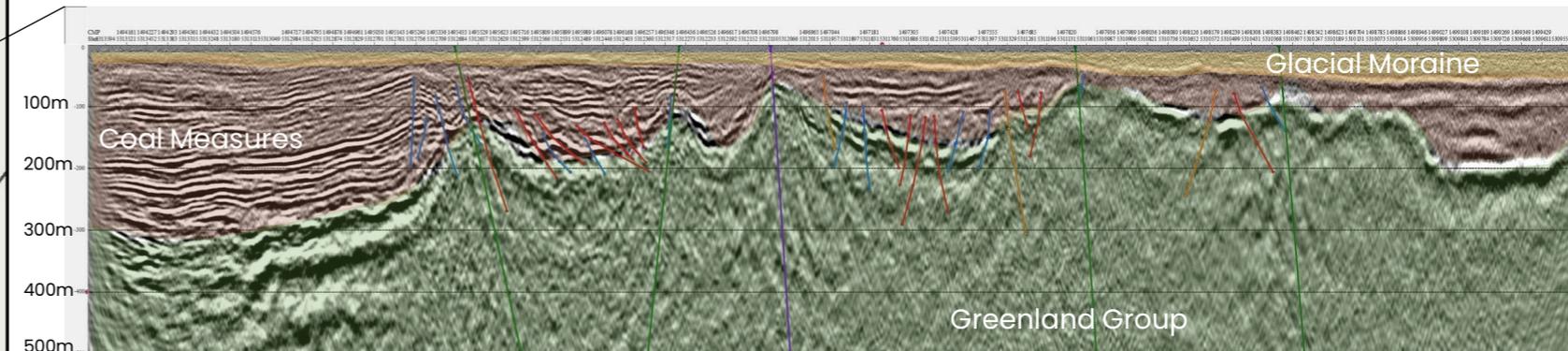
# Reefton South - Significant 20km Long Exploration Corridor



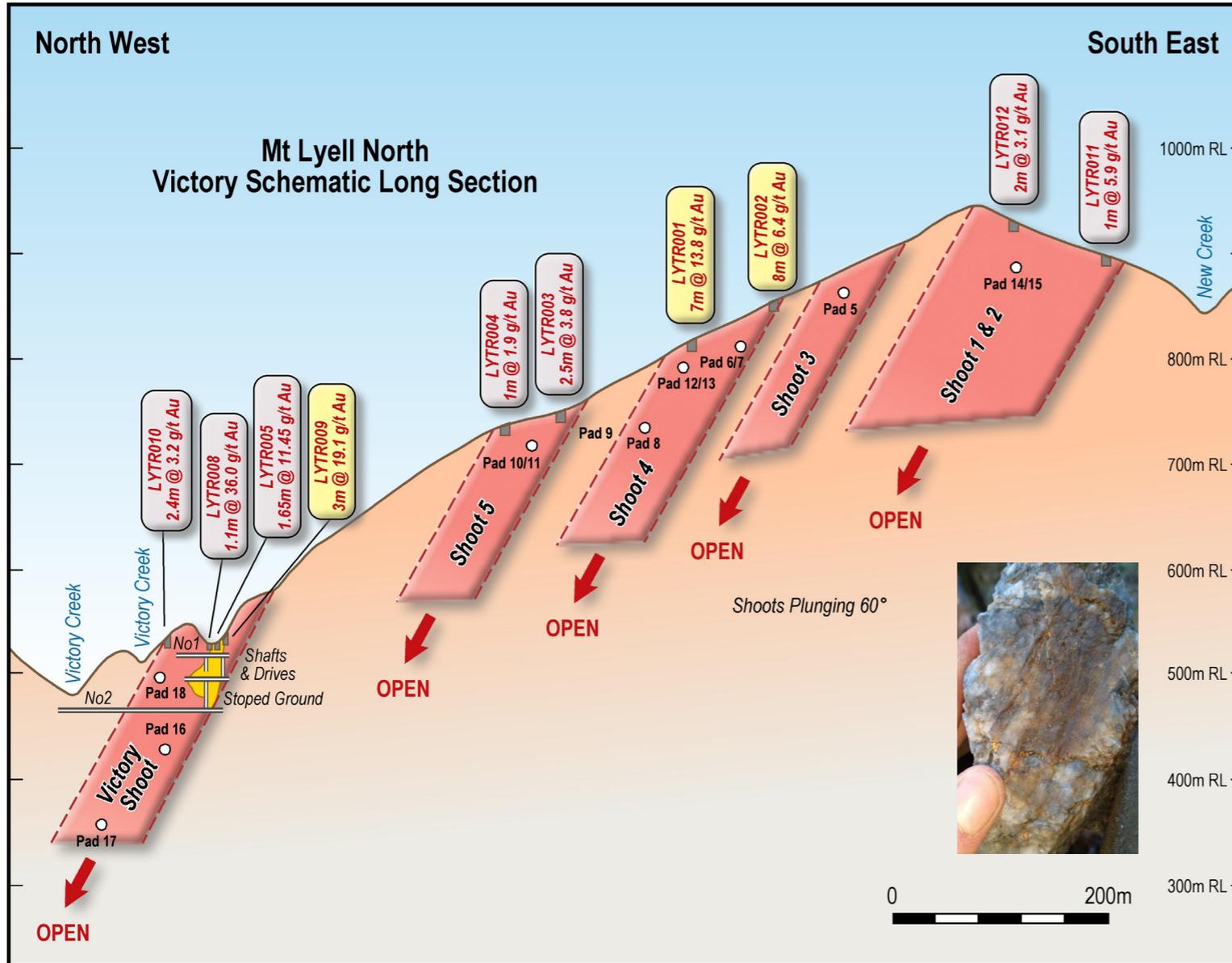
- The Reefton South Tenement is ~333sq. km and is considered to be an ~20km+ extension of the Reefton Goldfield, but undercover.
- These Greenland Group rocks lie beneath a glacial moraine cover which has masked outcrop from previous explorers.
- **Huge opportunity exists for new discoveries by applying modern exploration techniques.**



## Reprocessed Seismic Section



# Lyell - 4km strike from Alpine to United Victory – Drill Ready



## Mt Lyell North Trenches

7.0m @ 13.8g/t Au

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8.0m @ 6.3 g/t Au

## United Victory Channels

3.0m @ 19.1g/t Au

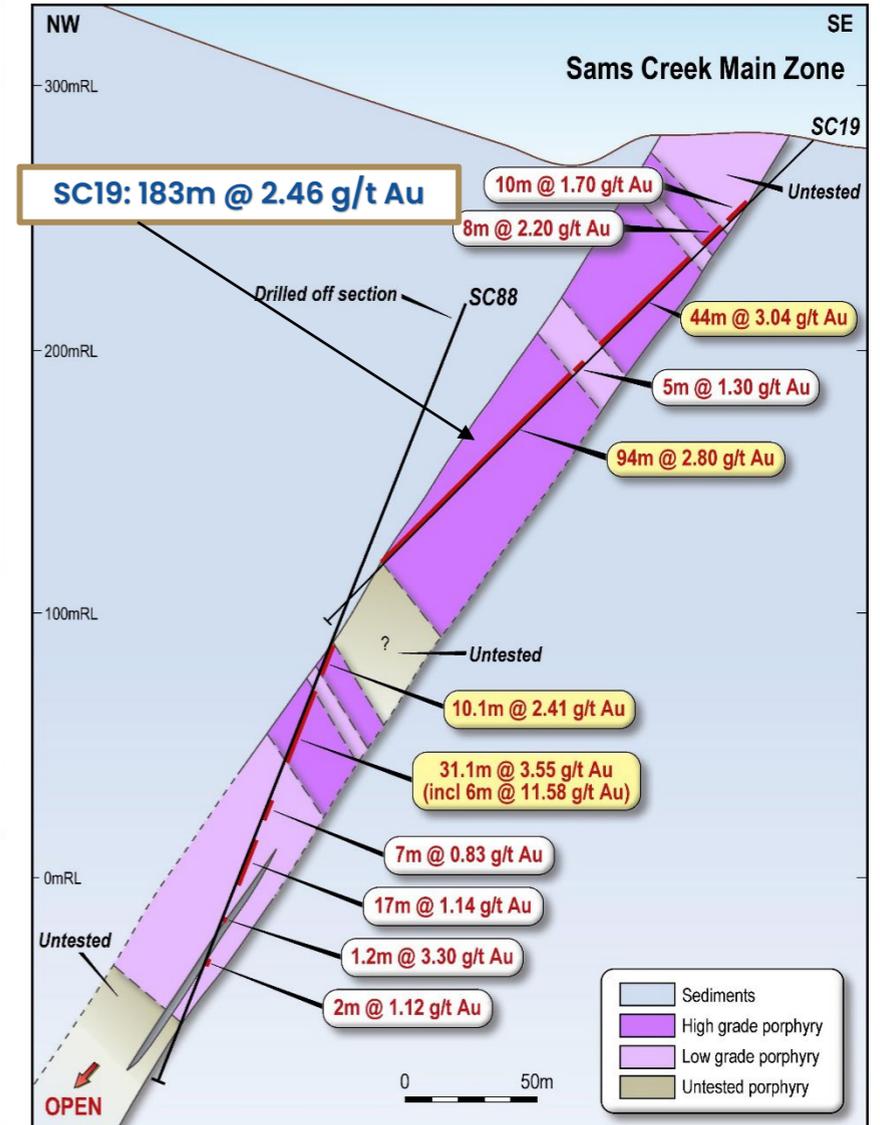
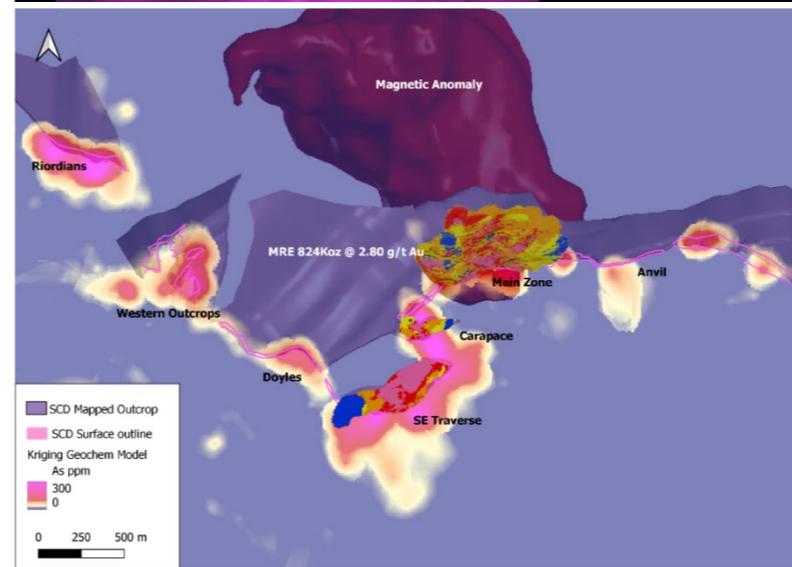
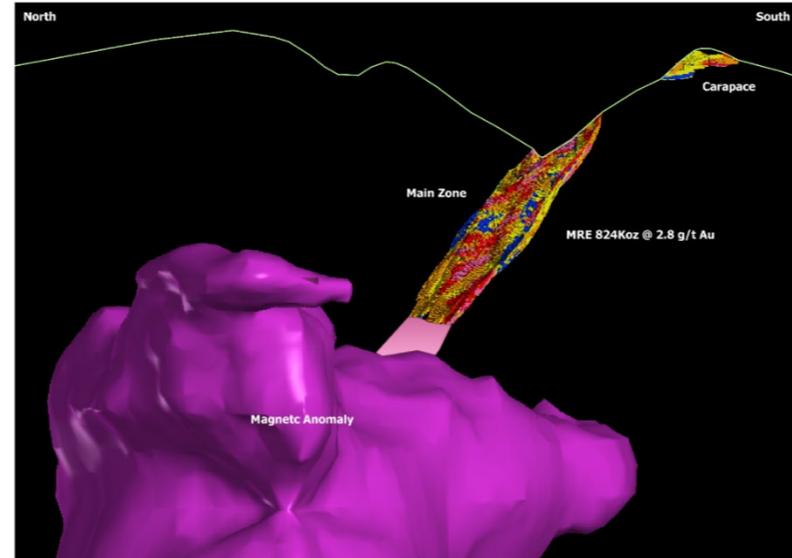
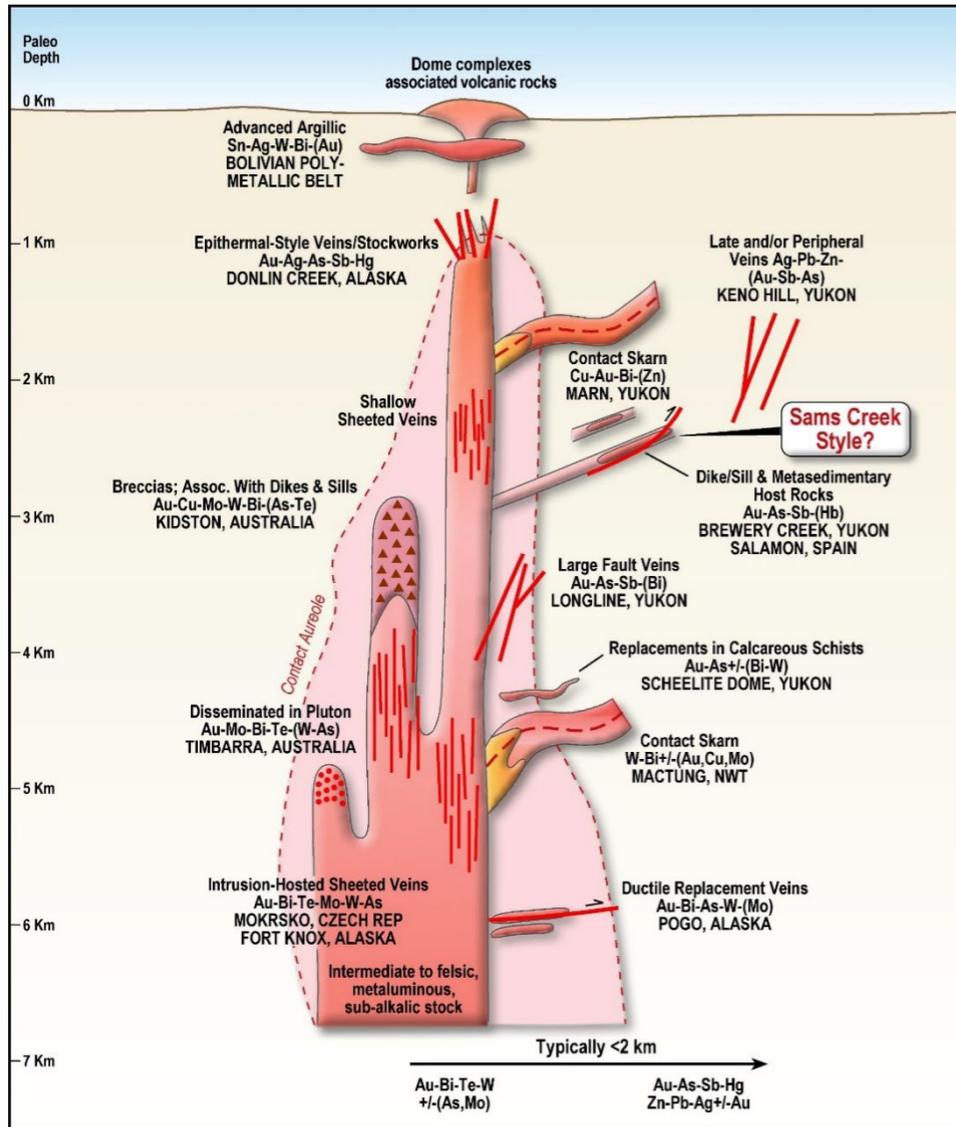
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1.1m @ 36.0 g/t Au



# Sams Creek - MRE 824koz @ 2.8g/t - Intrusive Related Au Deposit

Huge Exploration Upside - 7km Long & 50m Wide (SC19: 183m @ 2.46g/t Au)



# Rapid Progress Since IPO – Zero to 1.33 Moz in <3 Years

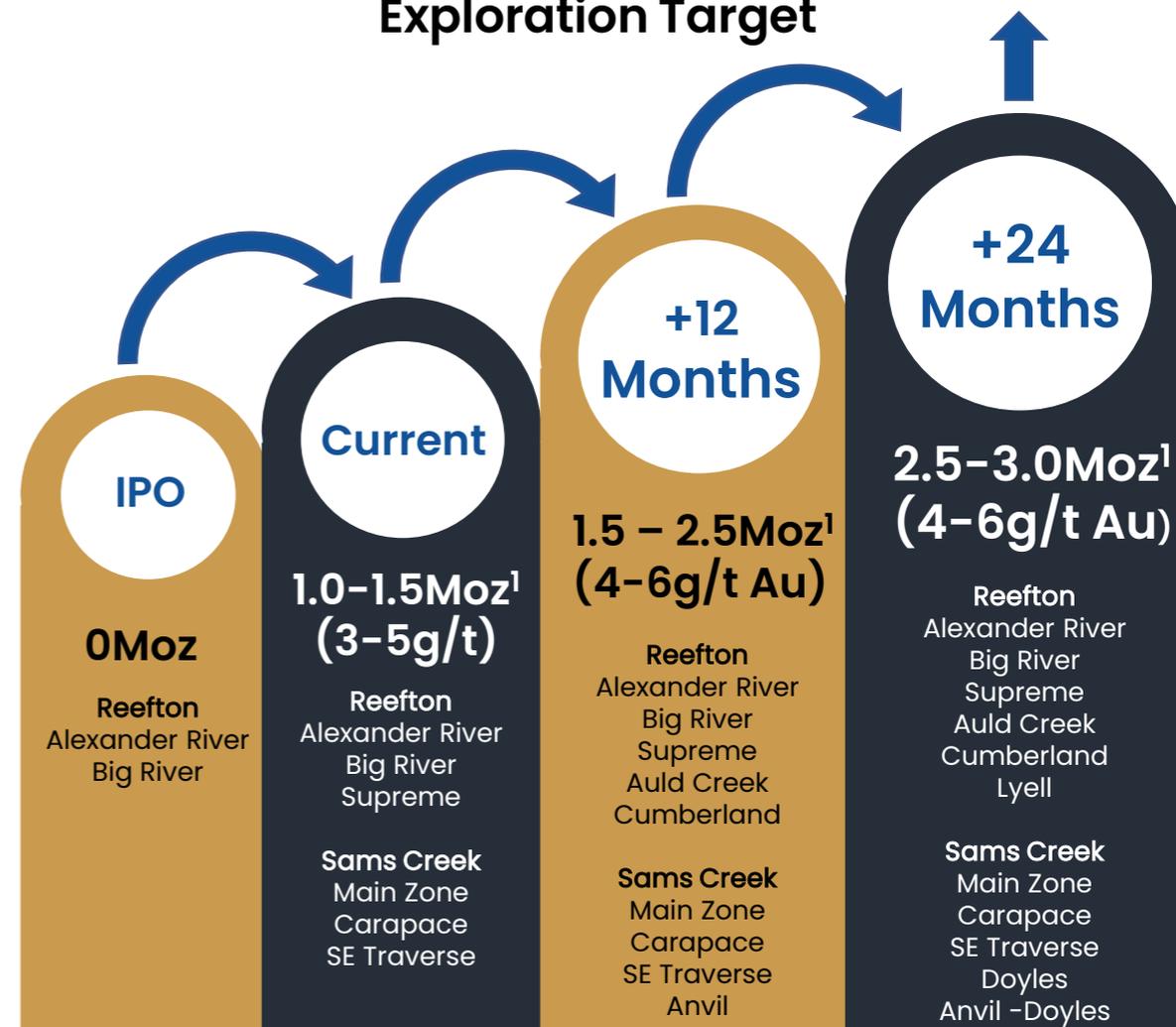
## Global Resource Estimate at a 1.5g/t Au cut-off (100% basis)

Project	Status	Cut-off g/t	Tonnes Mt	Au g/t	Sb %	Ounces koz	Sb kt	AuEq g/t	AuEq koz
Sams Creek	Indicated	1.5	3.29	2.80		295.6		2.80	295.6
<b>Total</b>	<b>Indicated</b>	<b>1.5</b>	<b>3.29</b>	<b>2.80</b>		<b>295.6</b>		<b>2.80</b>	<b>295.6</b>
Sams Creek	Inferred	1.5	5.81	2.83		528.8		2.83	528.8
Alexander River	Inferred	1.5	1.07	4.95		169.6		4.95	169.6
Big River	Inferred	1.5	0.83	3.94		105.5		3.94	105.5
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<b>Total</b>	<b>Indicated + Inferred</b>	<b>1.5</b>	<b>12.63</b>	<b>3.10</b>		<b>1,268.6</b>	<b>8.7</b>	<b>3.26</b>	<b>1,335.2</b>

\*Based on gold equivalent formula of AuEq = Au g/t + 2.36 x Sb% using a gold price of US\$1,750/oz & antimony price of US\$13,000 per tonne.

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

Drilling over the next 12-24 months to build the Exploration Target



**Note 1:** The potential quantity and grade of this Exploration Target is conceptual in nature as there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

## Key Takeaways

1. Significant growth since listing with a Global Resource from **zero** to **1.33Moz @ 3.3g/t AuEq**
2. **>700koz** added in the last 12 months.
3. Huge potential to grow resource base to **2.5-3.0Moz** over the **next 12/24 months**
4. Exposure to **high-grade Antimony**, a key **critical & strategic metal** adds value
5. Siren is significantly undervalued with a low Market Cap of **<\$15M**





**SIREN GOLD**  
LIMITED

**Thank you**

**See you at Booth  
#24**

