

Reefton Goldfield, New Zealand

Exploration Update – 20 August 2021



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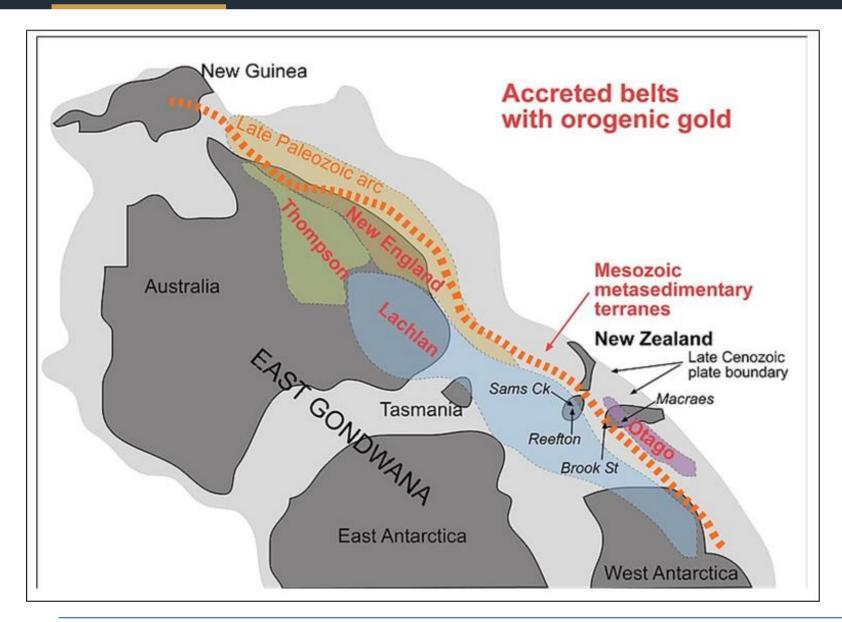
COMPETENT PERSONS STATEMENT

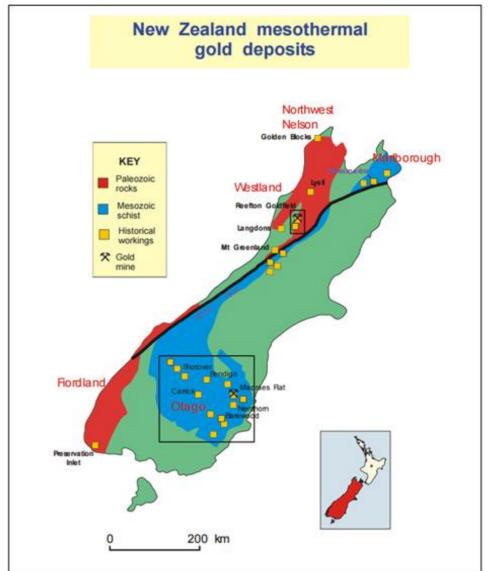
The information contained in this report relating to exploration results relates to information compiled or reviewed by Mr Paul Angus. Mr Angus is a member of the Australasian Institute of Mining and Metallurgy and is a director of and consultant to the Company. Mr Angus has sufficient experience of relevance to the styles of mineralisation and the types of deposit under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 edition of the JORC "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Angus consents to the inclusion in the Presentation Materials of the matters based on information in the form and context in which it appears. This presentation contains information extracted from the previously released announcements, including the prospectus dated 5/10/2020, and announcements dated 11/11/2020, 23/12/2020, 12/02/2021 and 19/04/2021. These are available to view on the website, www.sirengold.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements.

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Reefton Goldfield New Zealand – Originally part of the Lachlan Fold Belt

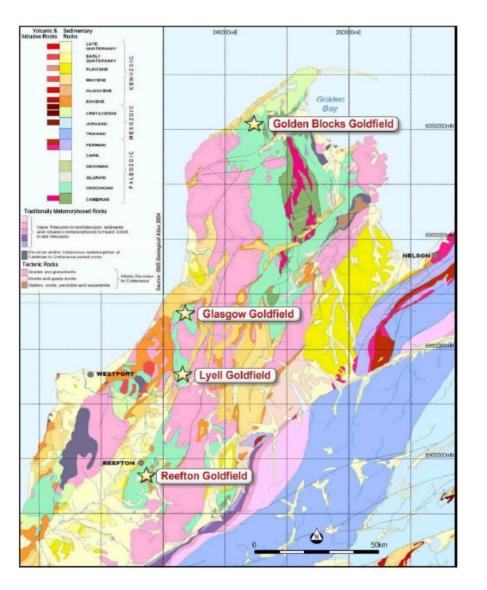


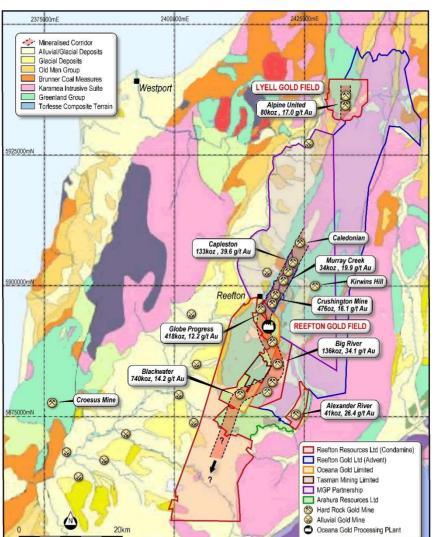


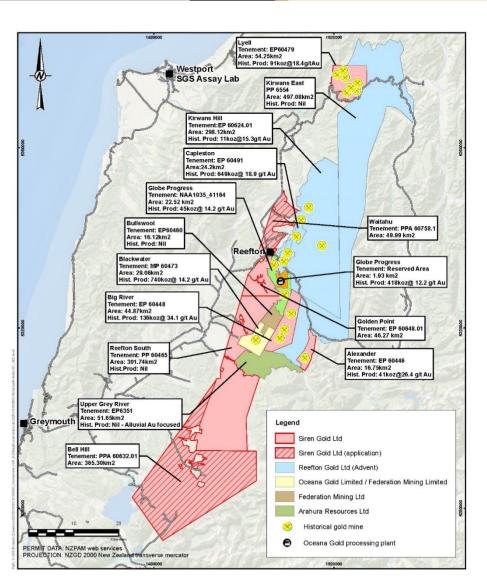


Reefton Goldfield New Zealand





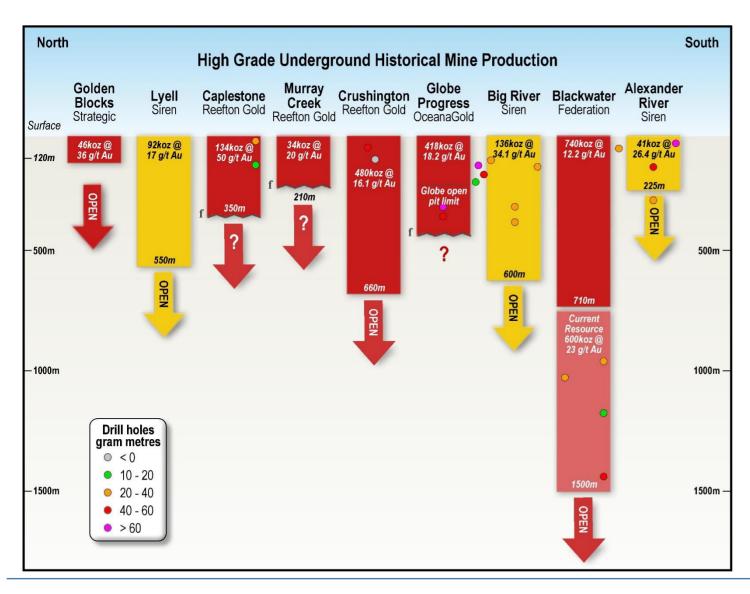






Reefton Goldfield New Zealand





Historical Gold Production

- Historic Underground production 2Moz @ 16g/t Au. OGL's Globe open pit produced 700koz and Federation started developing Blackwater U/G mine expected production 0.7-1.0Moz. Alluvial gold production estimated at 8Moz. Historical and near-term production 11.5Moz.
- Federation Mining developing the Blackwater Reef which extends to 1,500m and open.
- Blackwater and Alexander only two mines with a drillholes below the bottom of the historic mines.
- Very limited drilling generally below 250m.
- Recent drilling by Siren Gold intersected strong mineralisation at 375m at Big River (6.3m @ 3.4g/t Au and 6m @ 4g/t Au (325m) with mineralisation still open at depth.
- Recent drilling by Siren Gold at Alexander intersected 8.5m @ 11g/t Au, 3m @ 10.8g/t Au and 2m @ 26.8g/t Au with mineralisation still open at depth.



Key Projects

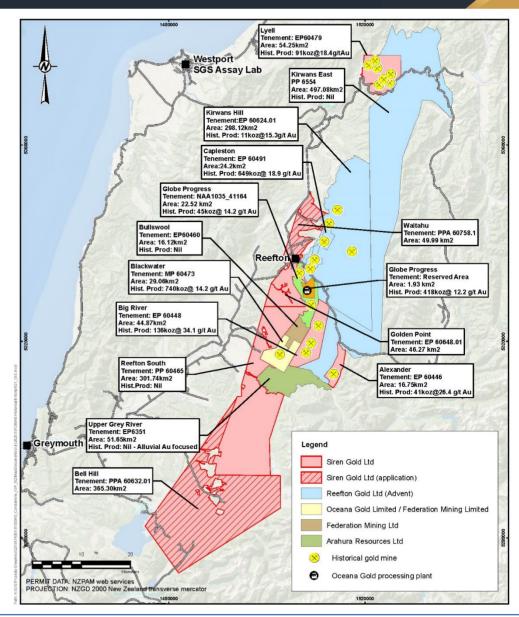


Outcropping Mineralisation

- Alexander River
- Big River
- Lyell
- Golden Point
- Auld Creek

Buried Mineralisation

- Reefton South
- Bell Hill
- Waitahu



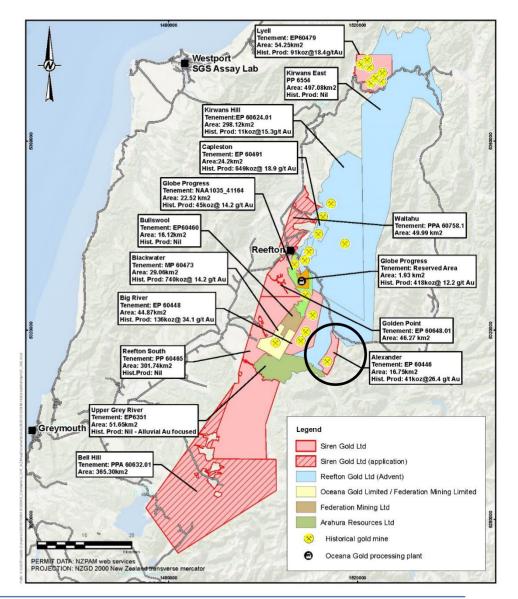


Alexander River - 1.2km⁺ long outcropping quartz reef



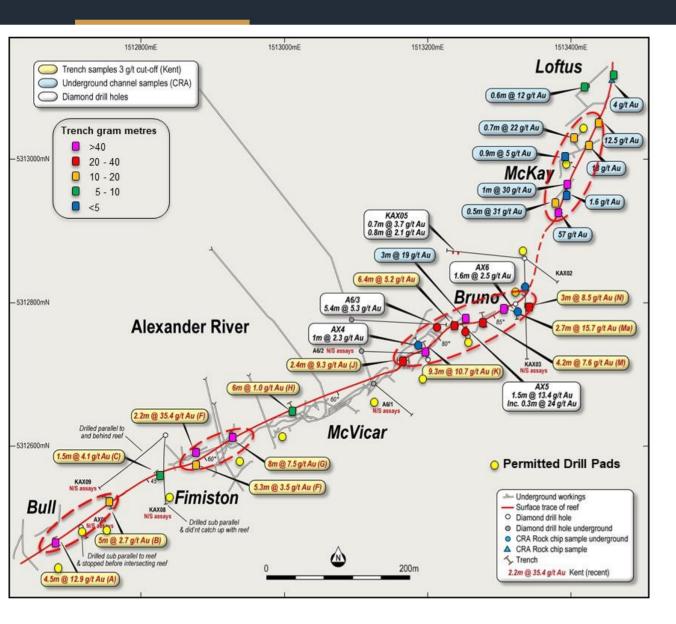
Produced 41koz at 26.4g/t Au (cut off ~15g/t Au).





Alexander River - Pre IPO





Geology

- 1.2km outcropping mineralised zone, comprising discontinuous quartz reefs surrounded by silicified acicular arsenopyrite mineralised sandstone and siltstone.
- Mineralised zone divided into Bull, Fimiston, McVicar, Bruno, McKay and Loftus prospects.
- The mineralisation's dips to the **SE** between Bulls and Bruno and **NW** between Bruno and Loftus

Historical Production

- 41koz @ 26.4 g/t Au recovered grade from the McVicar Mine between 1920 and 1943.
- 1-2m thick SE dipping quartz reef mined to 260m depth in a shallow (25°) ENE plunging shoot that was **mined down plunge for 400m**.
- Only limited mining at the other prospects.

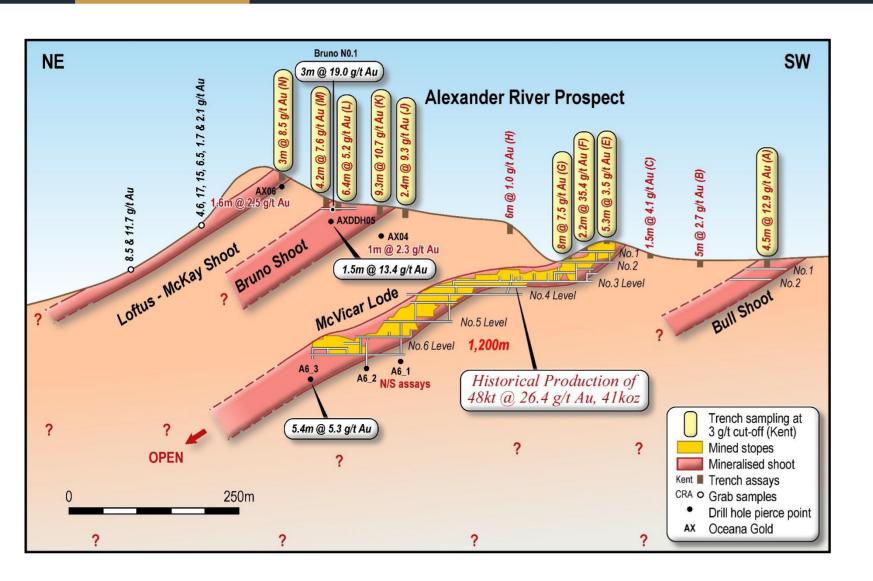
Trenching

- CRAE trenched the outcropping reef between Bulls and Bruno (800m of 1,200m strike) in 1980's which averaged 3.3m @ 9.3g/t Au at a 3g/t cut-off. The trenches were re-sampled by Kent in 2011 and averaged 3.8m @ 8.0g/t Au.
- CRAE completed underground sampling of a quartz reef in the Loftus & McKay adits 0.5-1.0m thick ranging from 4 to 57g/t Au.



Alexander River - Pre IPO





Diamond Drilling

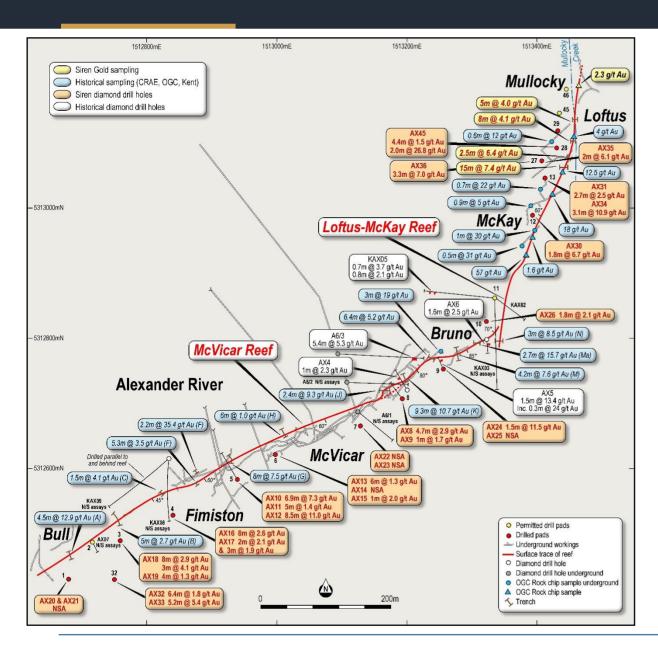
- Drilling completed by Macraes Mining Company Limited (MMCL) predecessor to OceanaGold Ltd in the 1990's and Kent Exploration in 2011.
- MMCL refurbished the lowest level (L6) of the McVicar mine and drilled three holes from underground. A6-3 intersected a 5m thick quartz reef (5.4m @ 5.3g/t Au), 26m below L6 indicating that the shoot continues at depth.
- MMCL also drilled 3shallow surface holes at Bruno with AX5 intersecting 1.5m @ 13.4 g/t Au from 27m. They also drilled a hole at Bull but did not intersect any mineralisation.
- Kent drilled 10 diamond holes generally at orientations that would not intersect the reef and only 1 hole intersected mineralisation 0.7m @ 3.7g/t Au from 229m.

Mineralised Shoots

 Four shoots interpreted; Bull, McVicar, Bruno and Loftus-McKay from trench, u/g sampling and limited drilling.







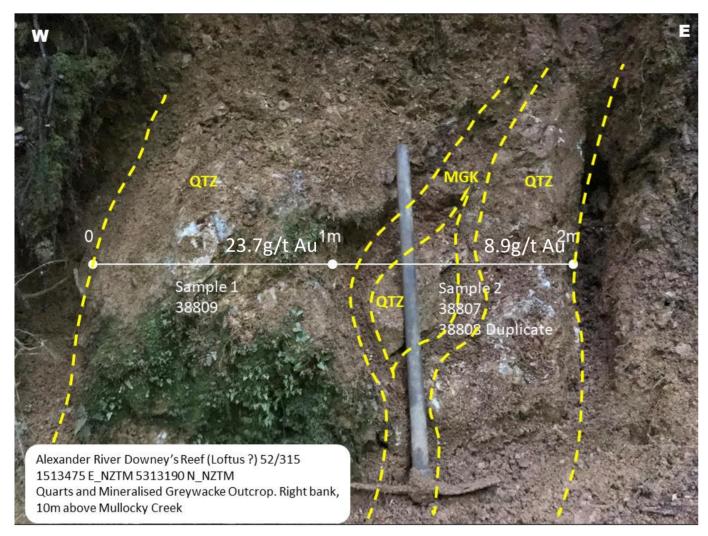
Work Completed

- Mineralisation and structural mapping over mineralised zone and 1.5kms to the north.
- Extensive soil sample to the NE, NW and SE.
- Channel sampling of the outcropping Loftus-McKay reef.
- 52 Diamond drillholes completed for 6,122.4m.
- Reprocessing of IP Resistivity survey in progress.

Channel Sampling

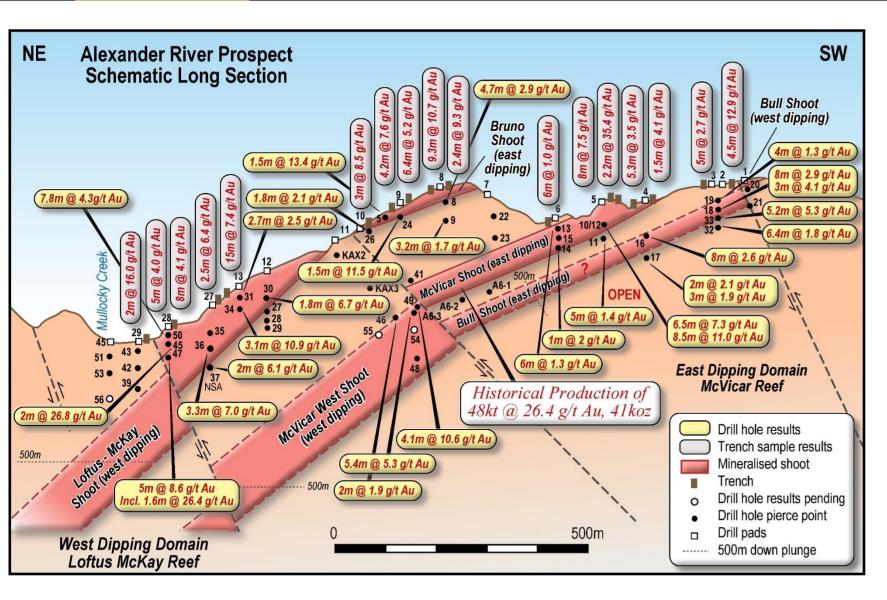
- A number of mineralised outcrops found along 250m of strike at Loftus-Mckay:
 - 1. 15.0m @ 7.4g/t Au
 - 2. 2.0m @ 6.1g/t Au
 - 3. 2.5m @ 6.4g/t Au
 - 4. 8.0m @ 4.1g/t Au
 - 5. 5.0m @ 4.0g/t Au
 - 6. 2.0m @ 16.0g/t Au











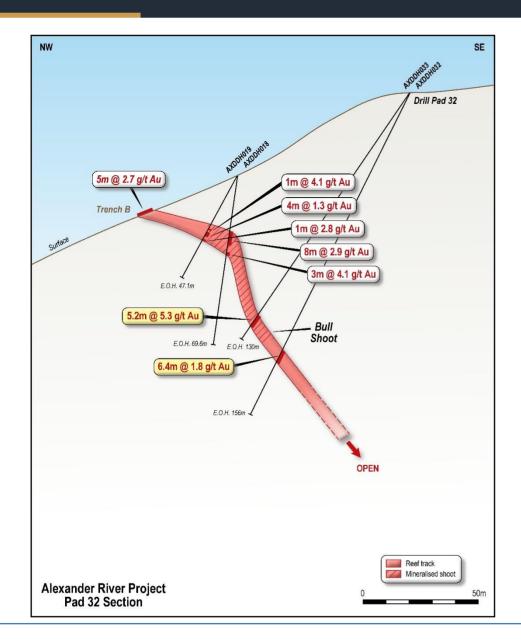
Drilling

- Aim to confirm trench results and better define the orientation of Bull, McVicar, Bruno and Loftus McKay shoots
- Drill tested the 1.2km strike on 100m centres.
- 52 holes for 6,122.4m completed to date.

Mineralised Shoots

- Bull, McVicar and Bruno are east dipping shoots confirmed with shallow plunge to the NNE confirmed by drilling.
- The Bruno shoot is a small remnant with most of it eroded.
- The **Bull** and **McVicar** shoots are interpreted to be around 75m high separated by 50m of lower grade mineralisation.
- The Loftus-McKay and McVicar West shoots dip to the west and plunge to the NE. The change from SE to NW dipping reefs is probably fold/ fault controlled.
- The Loftus-Mckay and McVicar West shoots are interpreted to be around 200m high and plunge 45° NE.

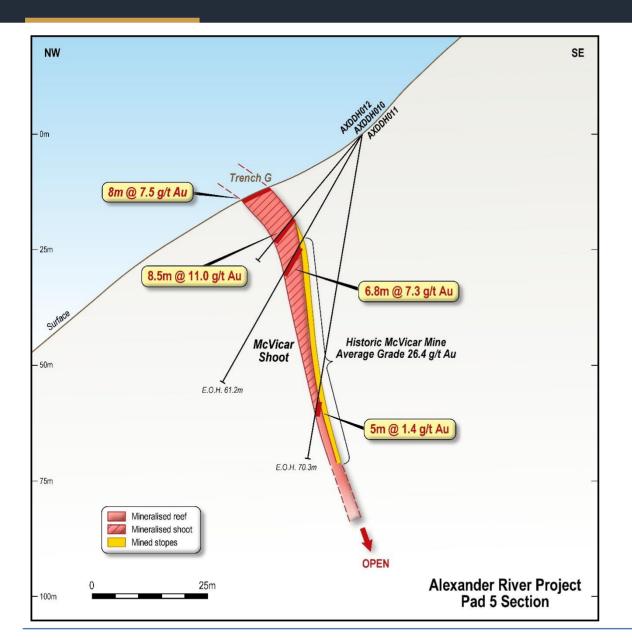




Bull Shoot

- Bull reef dips moderately to SE with the Bull shoot approximately 75m high but not well defined.
- The outcrop sampled by CRA and returned 4.5m @ 12.9g/t Au. Drillholes AX20 and AX21 drilled under the outcrop but didn't intersect any mineralisation. Since discovered the reef changes to a NW dip between Pads 1 and 3 so holes drilled into footwall. We are now tracing the NW dipping Bull reef to the SW.
- Limited drilling below the Bull shoot also indicates that its is moderately mineralised with potential for additional shoots below Bull. AX20 and AX21 intersected granite dykes and ground magnetic surveys indicated extensive granite mineralisation to the SW that would mask the surface expression of any deeper shoots.
- No quartz reefs were intersected in AX16 (8m @ 2.6 g/t Au), AX18 (8m @ 2.9g/t Au and 3m @ 4.1 g/t Au and AX32 (5.2m @ 5.3g/t Au), comprised silicified disseminated acicular arsenopyrite mineralised sandstone.





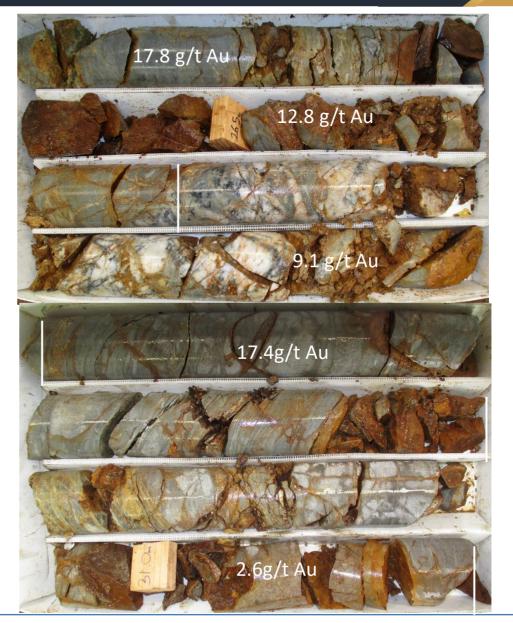
McVicar Shoot

- McVicar reef dips steeply to SE with the Bull shoot approximately 75m high based on the underground mine workings.
- Historical production based on a 1-2m thick quartz reef that averaged 26.4 g/t. The disseminated mineralisation seen in trenches and drillholes wasn't mined.
- AX10 (6.9m @ 7.3 g/t Au)intersected a stope (mined reef) with a 0.2m reef on the wall that assayed 31g/t. The footwall mineralisation averaged 6.7m @ 6.6g/t Au.
- AX11 was drilled above the stope and intersected **8.5m** @ **11.0g/t Au**.
- Both these drill hole intersections are similar to the trench result (8m @ 7.5g/t Au).
- The Bull shoot would be below the McVicar shoot off the section.

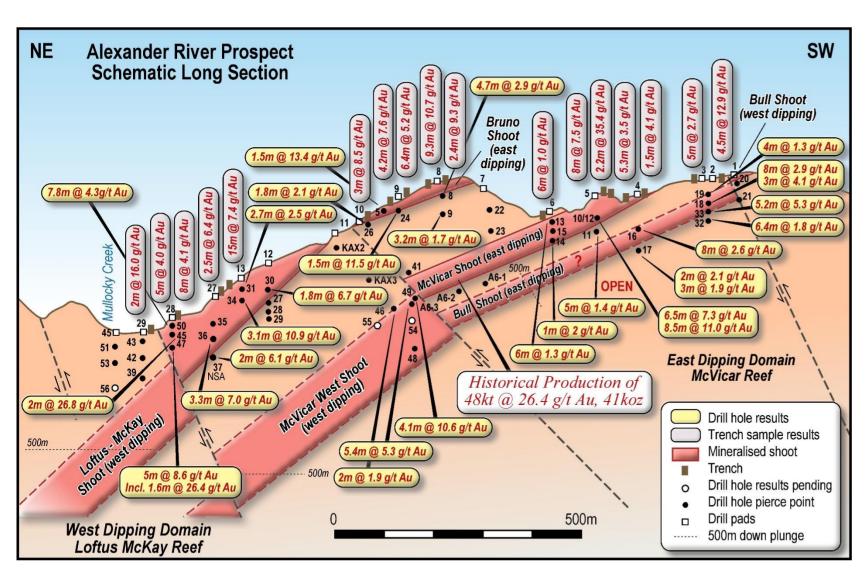
Alexander River – AXDDH012 Core











Loftus McKay Shoot

• The Loftus-Mckay reef dips steeply to NW and the shoot plunges 45° NE. Based on the shoot outcrop and drillholes intersections it is estimated to be around 200m high.

Channel samples

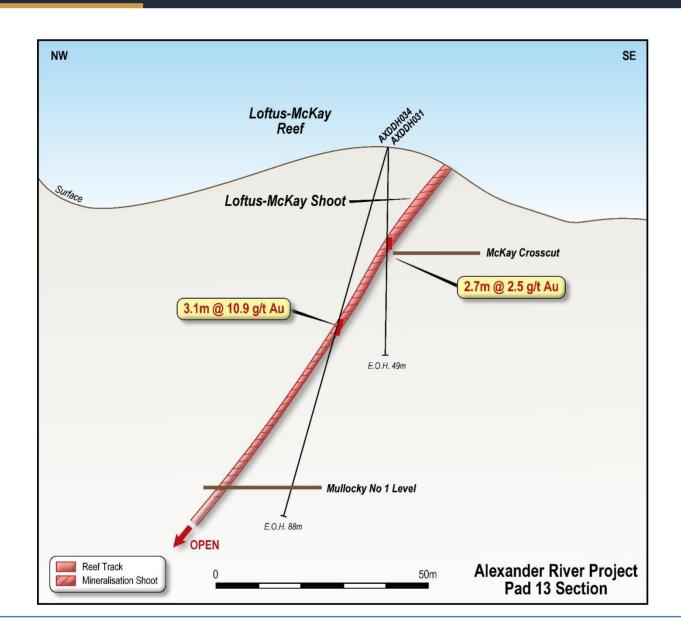
- 15.0m @ 7.4 g/t Au
- 2.0m @ 6.1 g/t Au
- 2.5m @ 6.4 g/t Au
- 8.0m @ 4.1 g/t Au
- 5.0m @ 4.0 g/t Au
- 2.0m @ 16.0 g/t Au

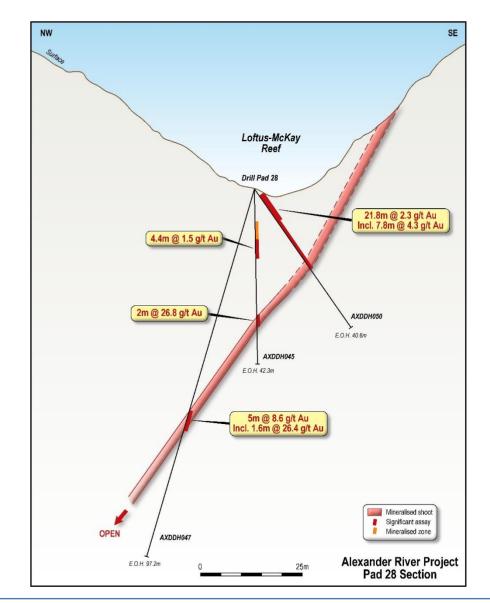
Drillholes

- AX30 1.8m @ 6.7 g/t Au
- AX31 2.7m @ 2.5 g/t Au
- AX34 3.1m @ 10.9 g/t Au
- AX35 2.0m @ 6.1g/t Au
- AX36 3.3m @ 7.0 g/t Au
- AX45 2.0m @ 26.8 g/t Au
- AX47 5.0m @ 8.6 g/t Au
- AX50 7.8m @ 4.3 g/t Au.

Alexander River – Loftus McKay Sections







Alexander River – AXDDH034 Core



AXDDH034 (3m @ 10.8 g/t Au)



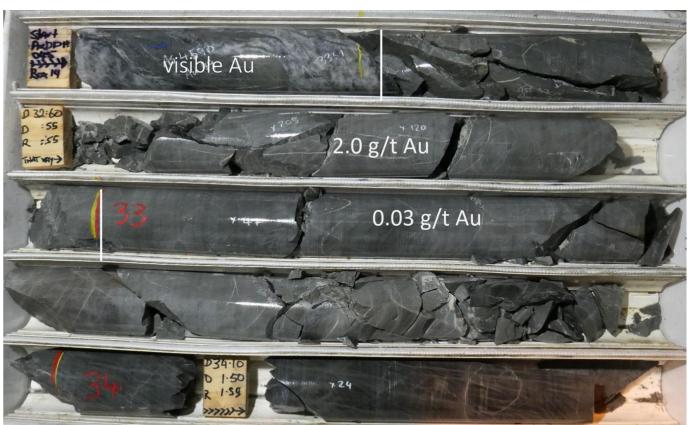


Alexander River – AXDDH045 Core (Loftus McKay)



AXDDH045 (2m @ 26.8 g/t Au)

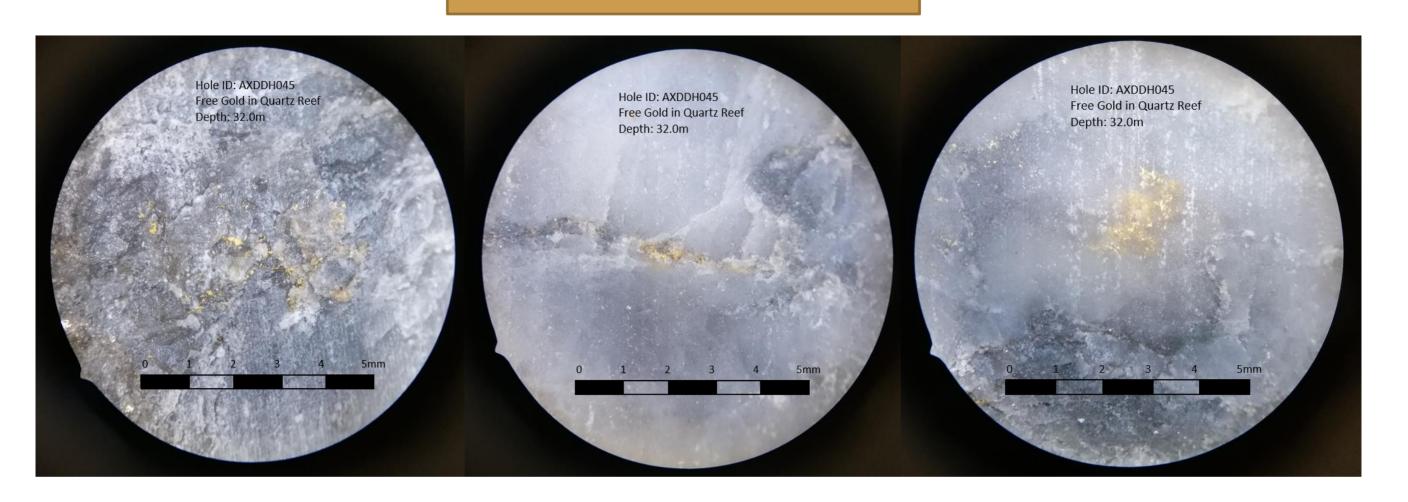




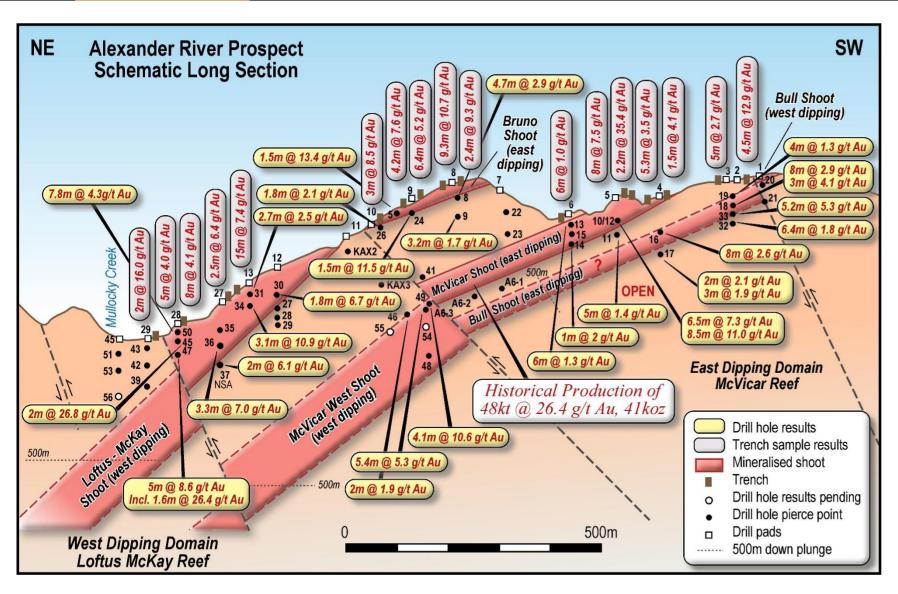
Alexander River – AXDDH045 Core (Loftus McKay)



Visible Gold in core







McVicar West Shoot

- The McVicar West reef dips steeply to NW and the shoot is interpreted to plunge 45° NE the same as the Loftus-McKay shoot.
- Mapping by Max Gage in 1942 showed that the east dipping McVicar reef was lost between L5 and L6 and a west dipping reef was mined on Level 6.
- A6-3 drilled from L6 (5.4m @ 5.3g/t Au) was interpreted to intersect the west dipping reef.
- Siren drilled AX49 from surface to twin A6-3 and intersected a 3m thick quartz reef with visible gold results awaited.
- The McVicar West shoot interpreted to extend from L6 in the McVicar mine and plunge parallel to Loftus-McKay shoot.

Alexander River – AXDDH049 Core (McVicar West)



AXDDH049 (results awaited)





Alexander River – AXDDH049 Core (McVicar West)



AXDDH055 (results awaited)





Alexander River – AXDDH049 Core (McVicar West)



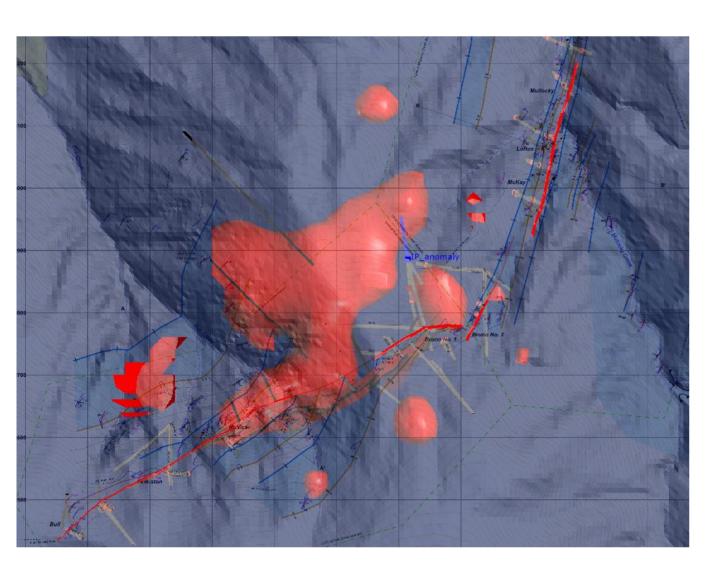


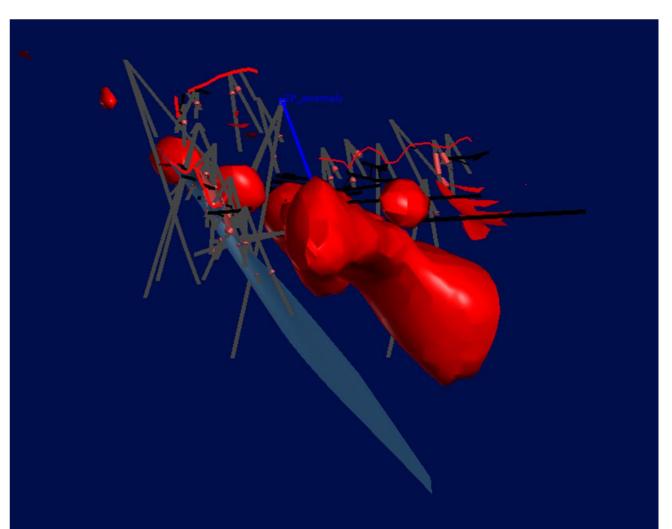
AX6-3 Core



Alexander River – IP Resistivity Survey



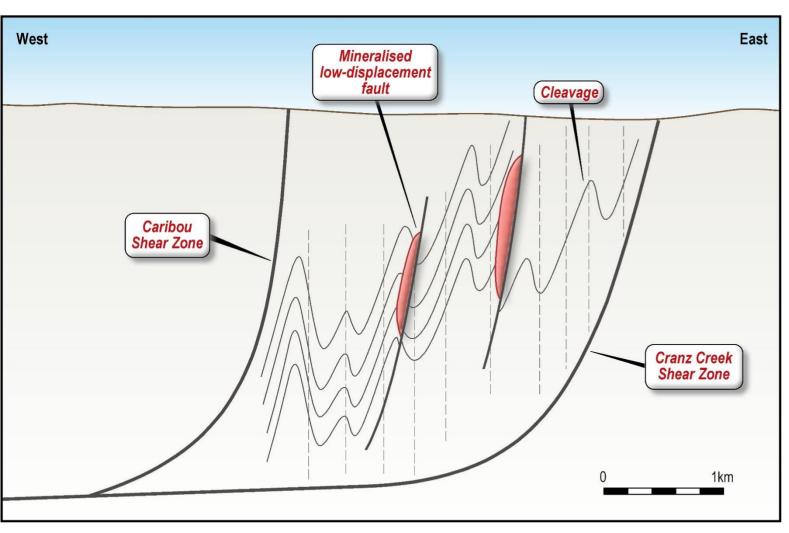


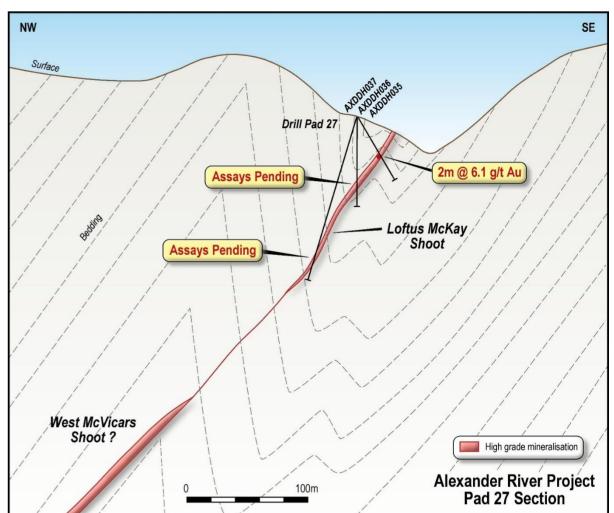




Alexander River – Structural Model

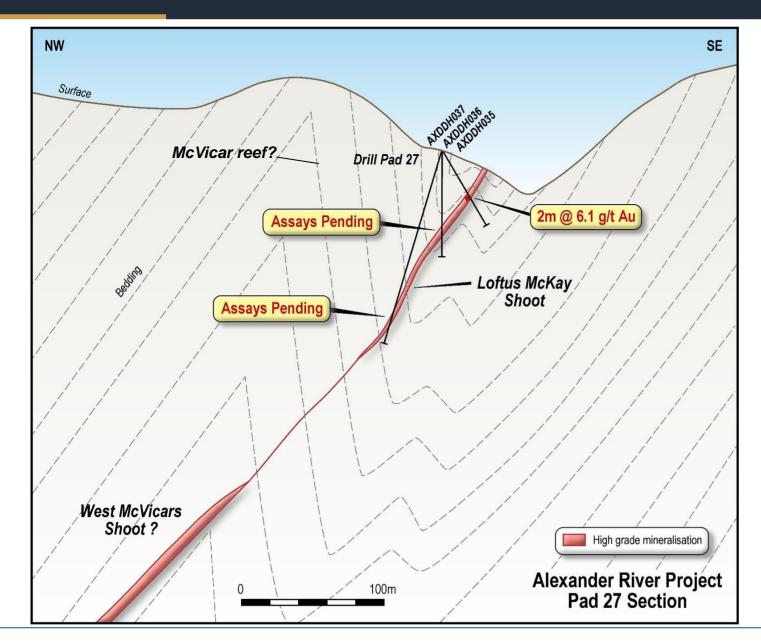


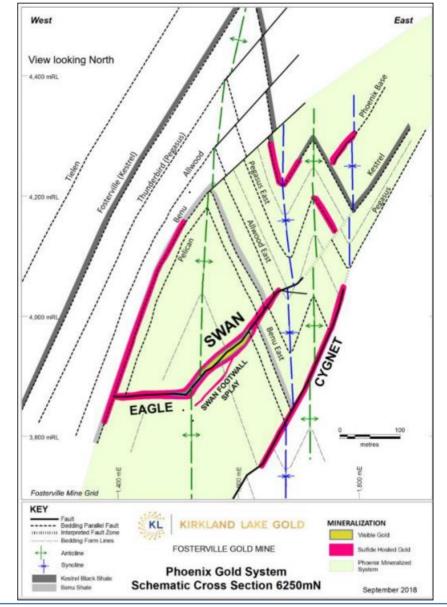




Alexander River – Compared to Fosterville

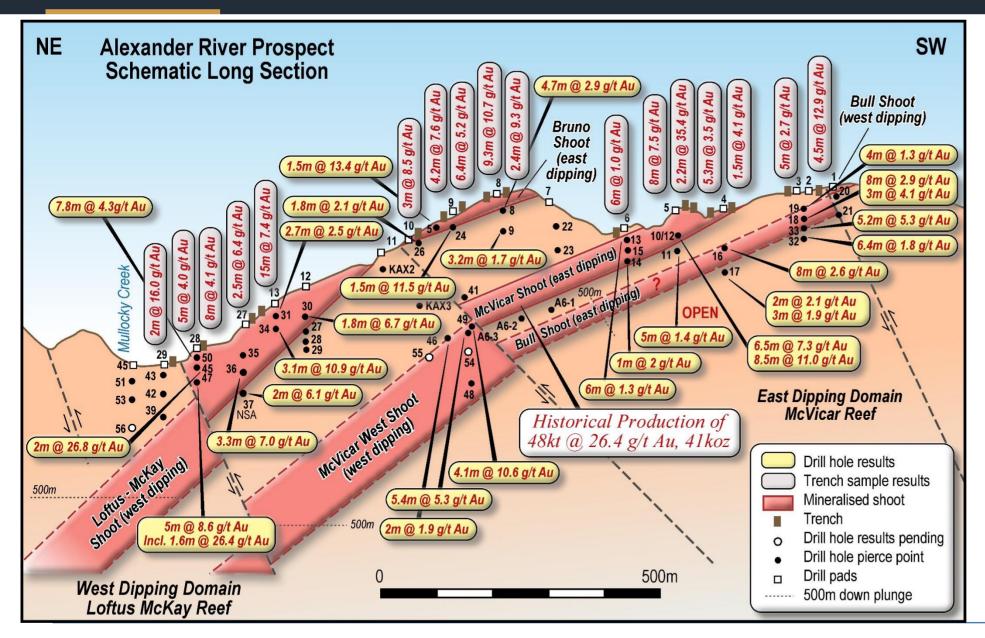






Exploration Target – 500 to 700koz @ 5-7g/t Au

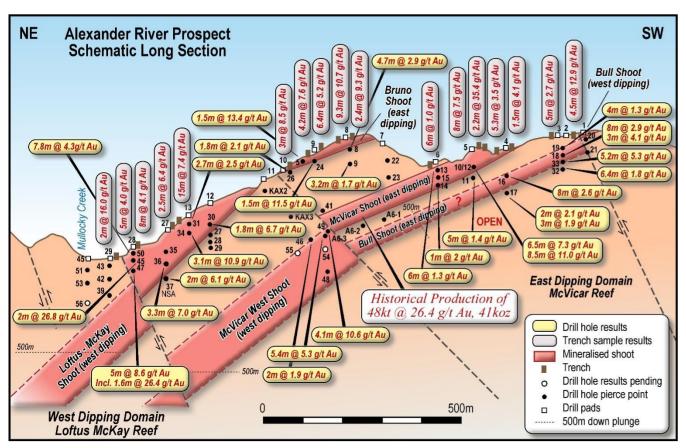




Bull Shoot							
Drillholes/Trenches	Meters	Au (g/t)					
AX16	8.0	2.6					
AX18	8.0	2.9					
AX33	5.2	5.3					
Trench A	4.5	12.9					
Weighted Average	6.4	5.0					
Loftus McKay Shoot							
Drillholes/Trenches	Meters	Au (g/t)					
AX30	1.8	6.7					
AX31	2.7	2.5					
AX34	3.1	10.9					
AX35	2.0	6.1					
AX36	3.3	7.0					
AX45	2.0	26.8					
AX47	5.0	8.6					
AX50	7.8	4.3					
Channel 1	15.0	7.4					
Channel 2	2.5	6.4					
Channel 3	8.0	4.1					
Channel 4	5.0	4.0					
Channel 5	2.0	16.0					
Weighted Average	4.6	7.1					
McVicar West Shoot							
Drillholes/ Trenches	Meters	Au (g/t)					
A3-6	5.4	5.3					
AX46	2.0	1.9					
AX49	4.1	10.6					
Weighted Average	3.8	6.6					

Exploration Target – 500 to 700koz @ 5-7g/t Au





	Thickness	Grade	Shoot Height	Shoot Plunge	Tonnes	Ounces
Shoot	(m)	(g/t Au)	(m)	(m)	(Mt)	(Koz)
Bull	6.4	5.0	75	500	0.6	102
McVicar						
Bruno						
Loftus McKay	4.6	7.1	200	500	1.2	276
McVicar West	3.8	6.6	200	500	1.0	211
Total	4.7	6.5			2.8	589
	Thickness	Grade	Shoot Height	Shoot Plunge	Tonnes	Ounces
Shoot	(m)	(g/t Au)	(m)	(m)	(Mt)	(Koz)
Bull	6.4	5.0	75	750	0.9	152
McVicar						
Bruno						
Loftus McKay	4.6	7.1	200	1000	2.4	553
McVicar West	3.8	6.6	200	1000	2.0	423
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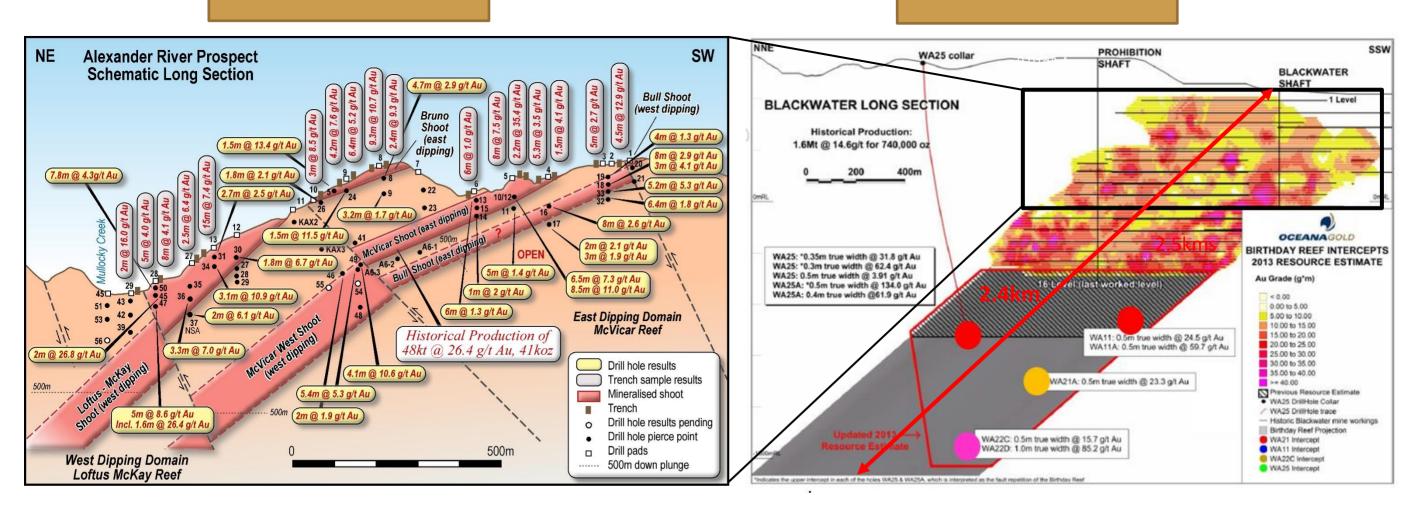
Note 1: The potential quantity and grade of this Exploration Target is conceptual in nature as there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Alexander River – Compared to Blackwater



Alexander River

Blackwater

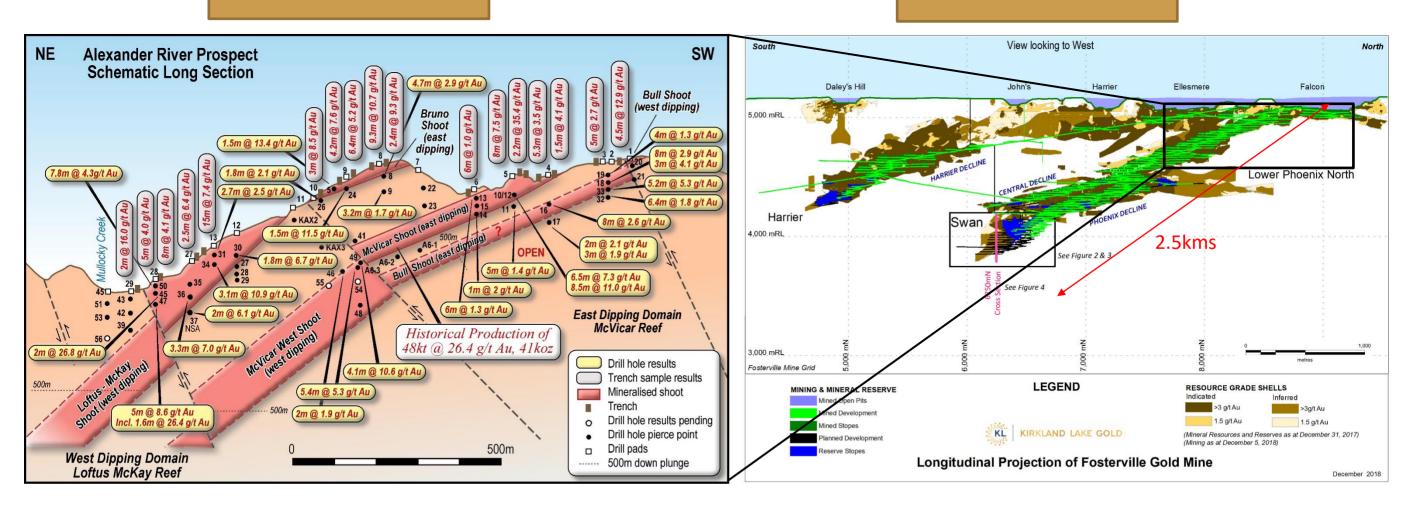


Alexander River – Compared to Fosterville



Alexander River

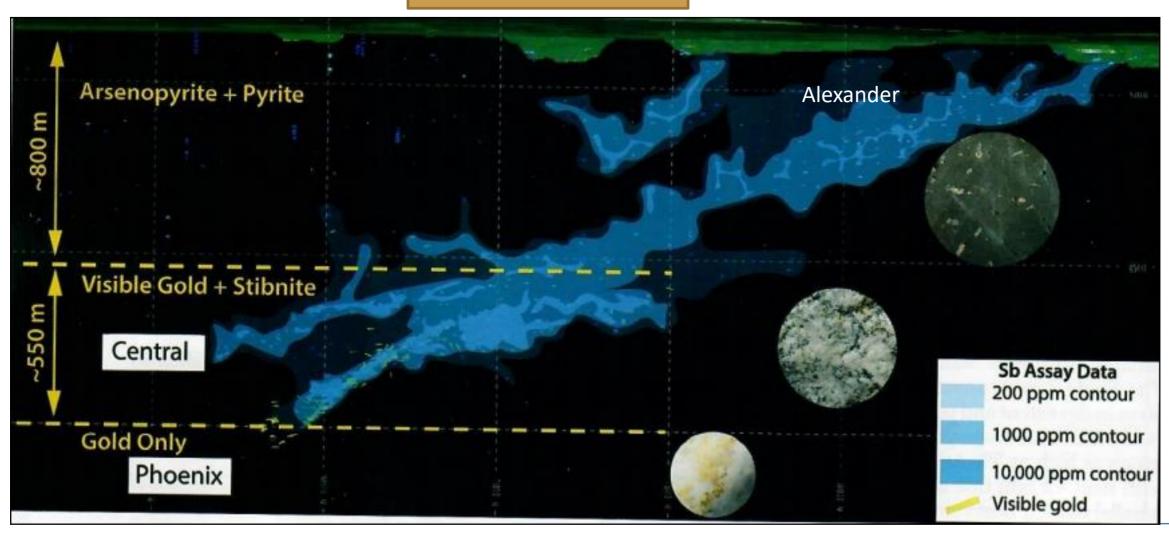
Fosterville



Alexander River – Cross Section of to Fosterville

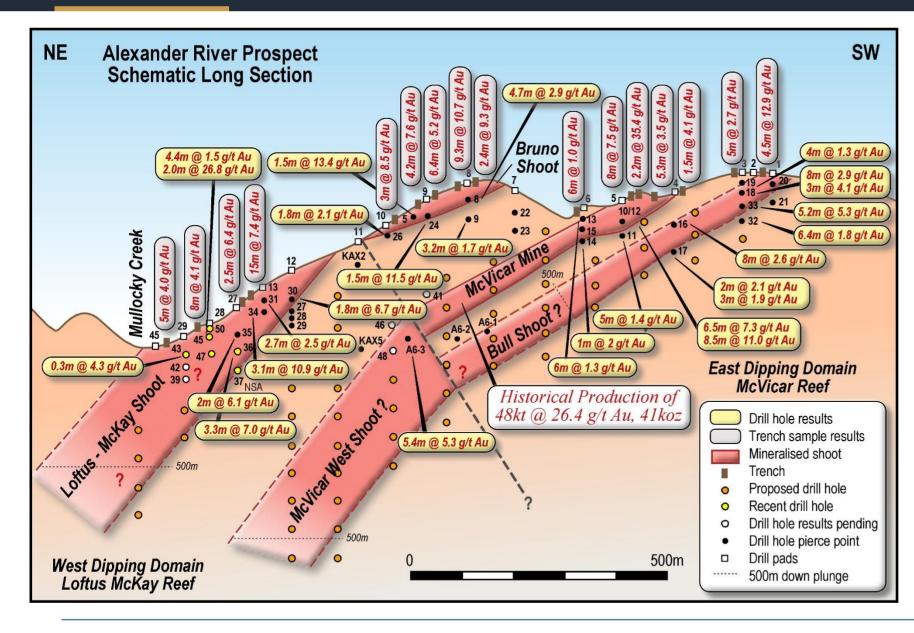


Fosterville



Alexander River – Exploration Target





Mineral Resource

- The Company has announced an Exploration Target for Alexander River of 500koz-700koz of gold at 5 to 7 g/t. This includes the Loftus McKay, Bull and McVicar West shoots projected to 500m down plunge.
- To convert the Exploration Target to an Inferred Resource (to 500m) Siren estimates that we will need to drill on 100m x 50m grid shown by the orange dots.
- This will require around 11,000m of diamond drilling (~NZ\$5M) and would take 6-8 months with two diamond rigs.
- Total spend on Alexander to Inferred Resources NZ\$3.2M (ptd) + NZ\$5.0M = \$8.2M.

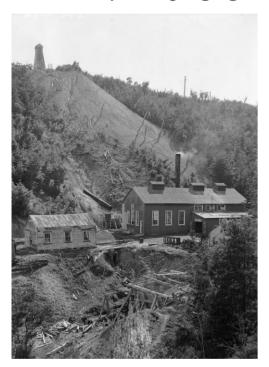


Big River - Historical production 34.1g/t Au, 136koz

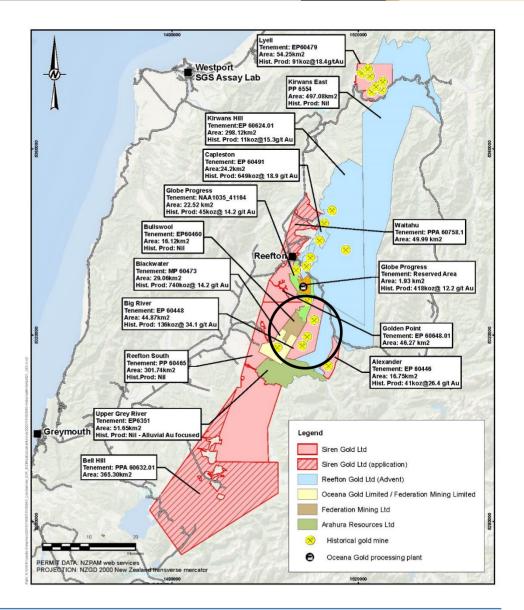


Big River Mine

- Historical Production of 136koz at 34.1g/t Au (cut off grade ~15g/t Au)
- Mined to 560m from 12 levels.
- Big River closed in 1942 due to WWII.
- Currently drilling high grade drill targets.

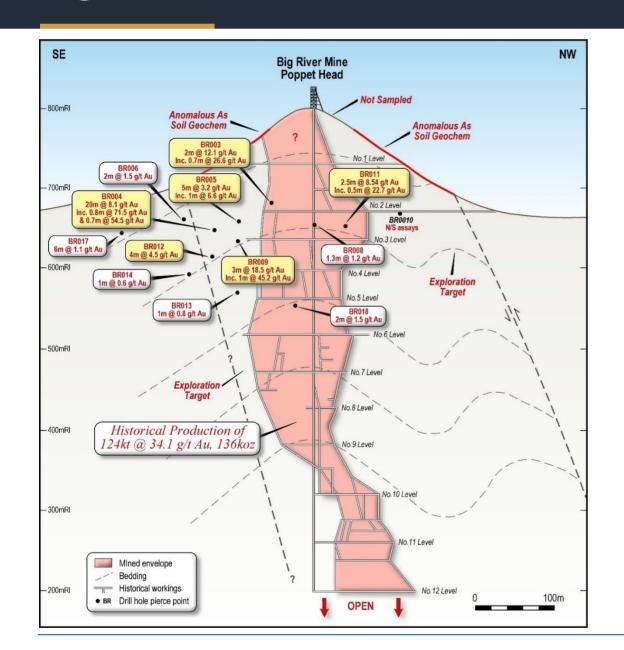






Big River Mine – Pre IPO

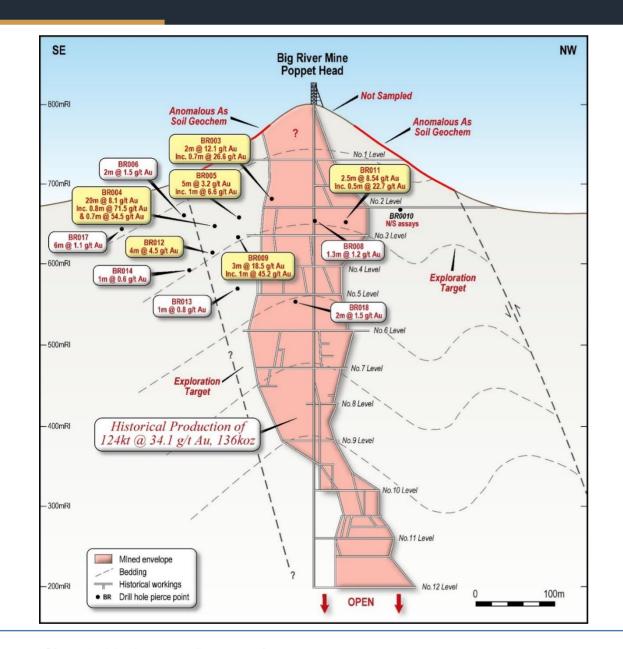


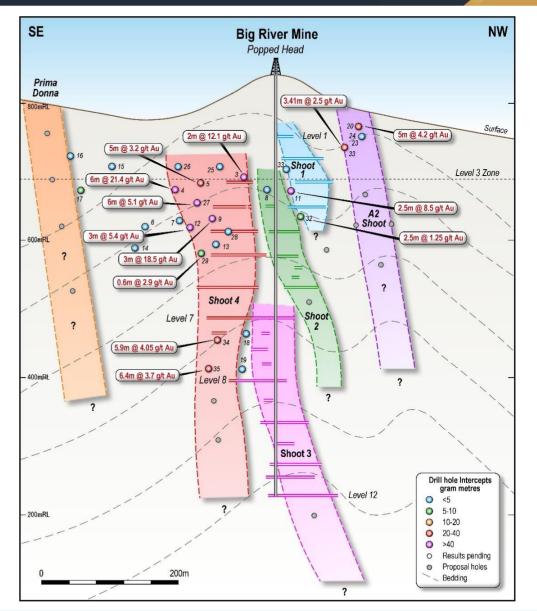


Hole ID	Interval (m)	Grade (g/t)
BR03	2.0	12.0
BR04	20.0	8.1
including	6.6	21.0
BR09	3.0	18.5
BR11	2.5	8.5
BR12	4.0	4.5

Big River Mine - Pre IPO vs Current

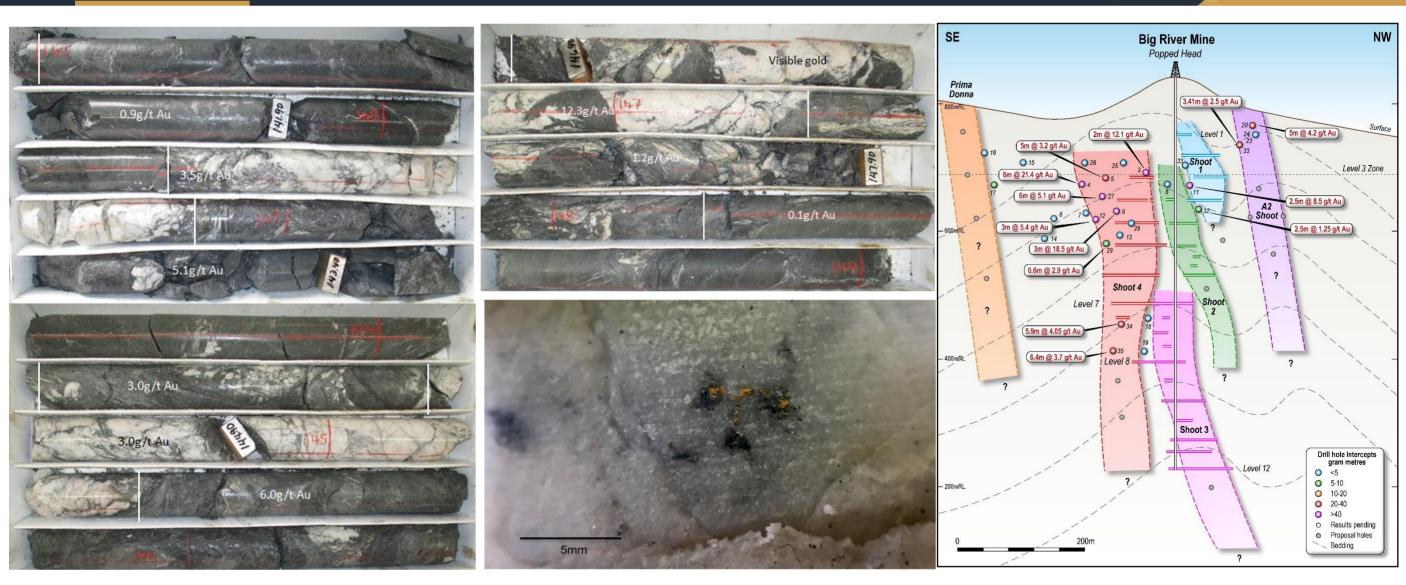






Big River Mine - Shoot 4 BRDDH027 (6m @ 5.1g/t Au)



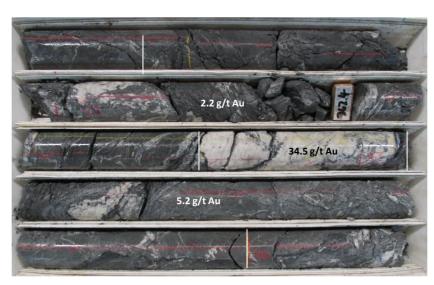


Big River Mine – Shoot 4 BRDDH034 (5.9m @ 4.1g/t Au)

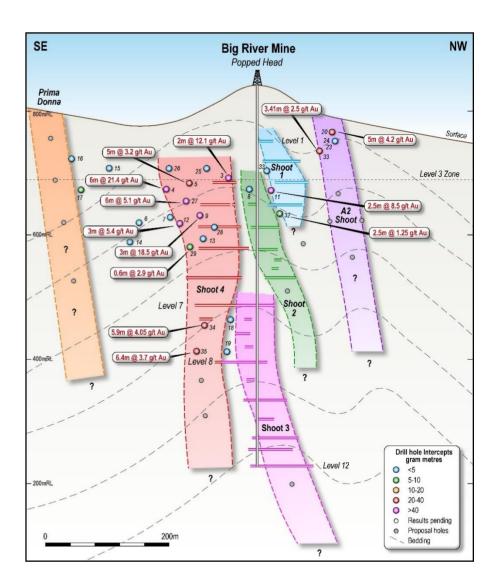












Big River Mine – A2 Shoot



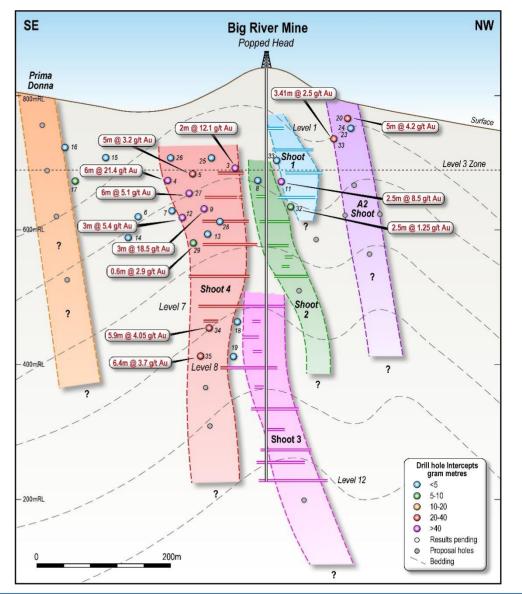




Big River Mine – A2 Shoot

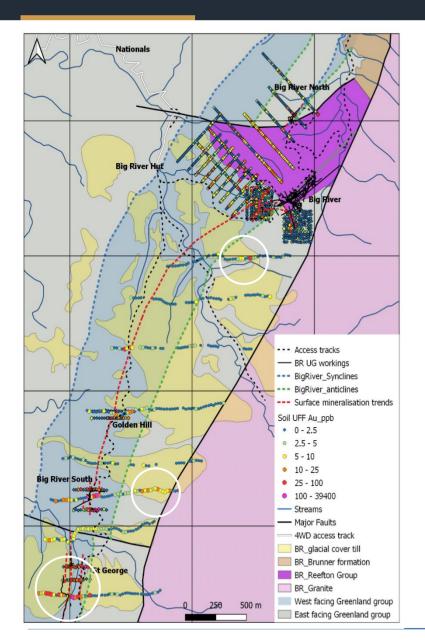


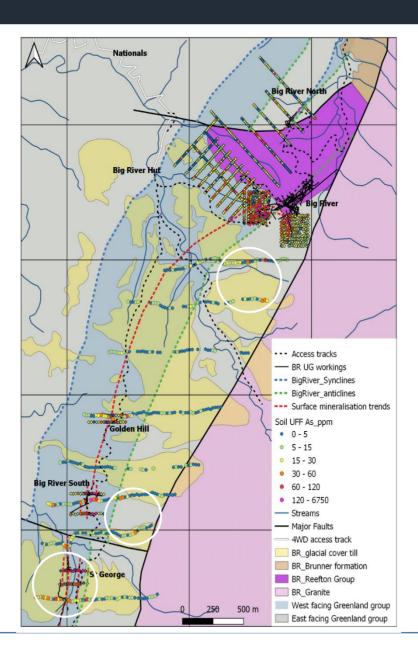


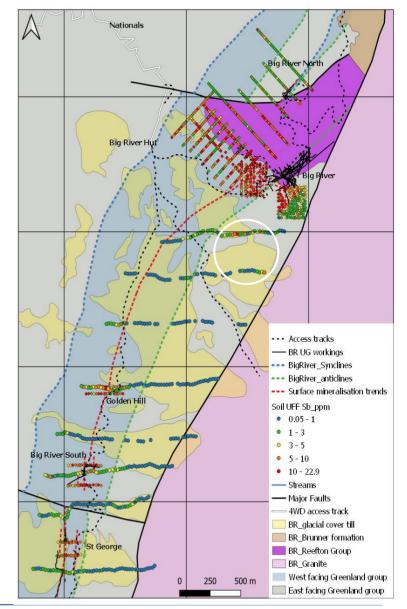


Big River - 3km+ Mineralised Zone / Ultrafine Soil Results









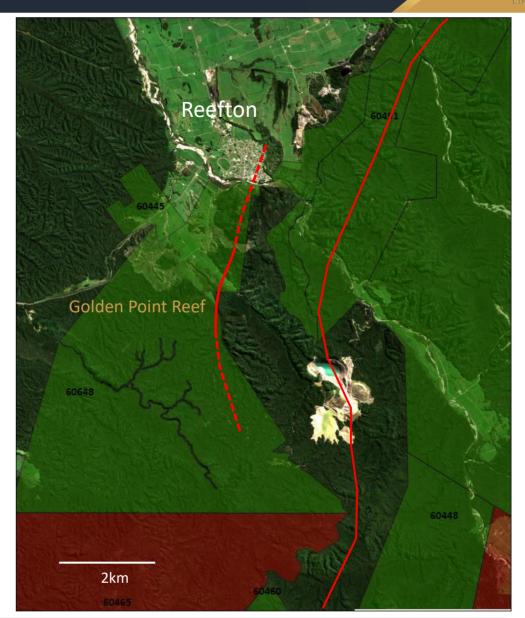
Golden Point – 1.5km+ Long Reef



Golden Point Mine

- Golden Point Exploration permit granted 19 March 2021 (46.2km²).
- Reported to be a 4 foot (1m) thick reef
- Mined 1,357 tonnes in 5 trial batches to recover 410oz at an average grade of 9.4g/t between 1884 1908.
- The Morning Star mine lies on the same reef track 1.2km to the south but no production figures.

Year	Quartz crushed (t)	Production (Au oz)	Au Grade (g/t)
1884	2	25	357
1884	1,000	307	9.5
1894	155	44	9.1
1907	100	18	5.6
1908	100	16	5.1
Total	1,357	410	9.4



Lyell - 1.4km long surface soil geochemical anomaly



The Lyell goldfield produced 91koz gold @ 18.4g/t from 21 mines

- The largest Alpine United was mined to a depth of 550m and produced 80,514oz gold @ 17g/t recovered between 1874 -1911 (Alpine mine at bottom of image)
- Strong Arsenic soil anomaly over 1.4kms and open to the north (Alpine Mine Sth)
- Initial work program focused on mapping, geochemical and geophysical surveys to evaluate drill targets over the 1.4km strike.

Mine	Quartz crushed (t)	Production (oz)	Grade (g/t)
Alpine United	149,024	80,514	17
Lyell Creek	135	450	104
Break of Day	2,180	4,598	66
Croesus	2,773	1,897	21
Tyrconnell	201	1,672	259
United Italy	513	2,219	69
Total	154,826	91,350	18.4



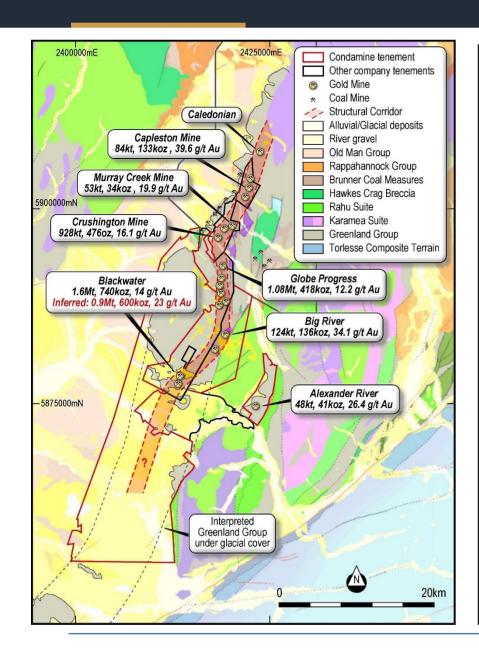
Picture: Nuggets from Lyell tenements (Source: Nelson Weekly https://nelsonweekly.co.nz/2020/02/golddigger-unearths-a-gem/)

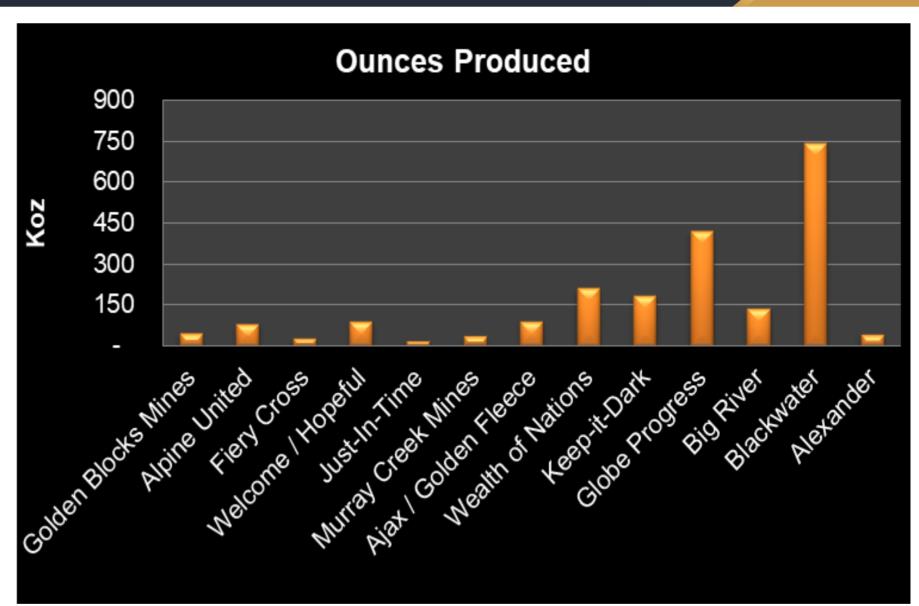
Lyell Fault

Two nuggets of 3.7oz and 1.2oz recently recovered adjacent to the Lyell tenements.

Buried Targets – How do you find the needle in the haystack?

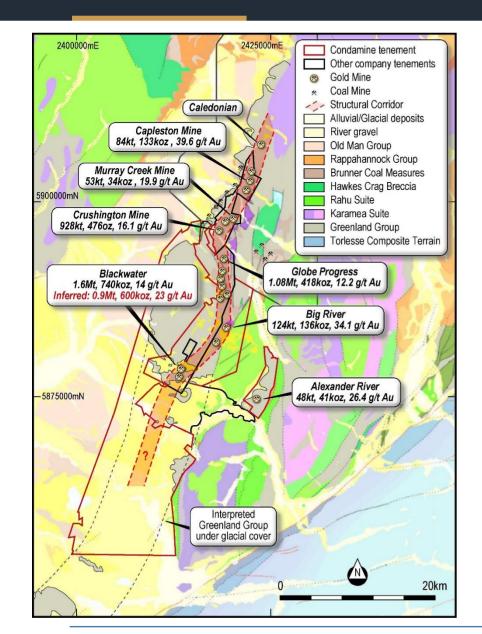


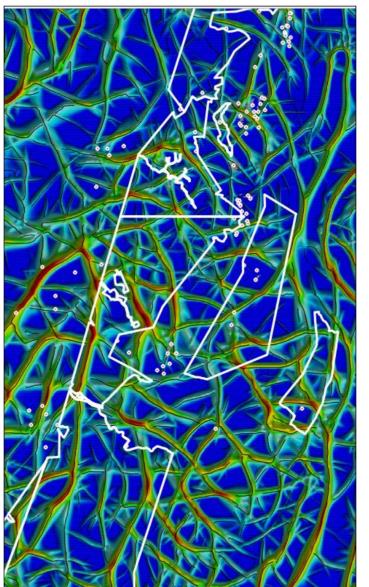


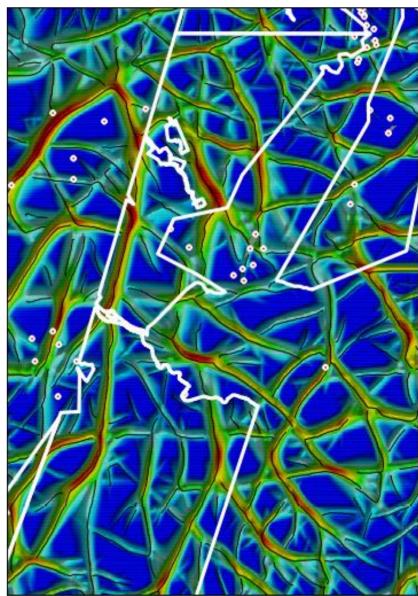


Buried Targets – Seeing through the cover



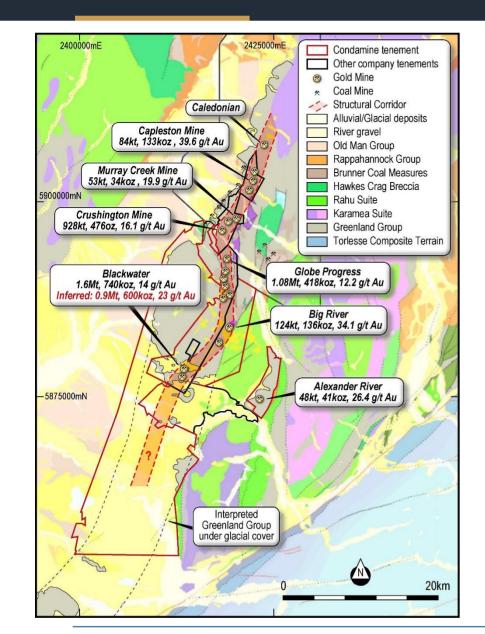


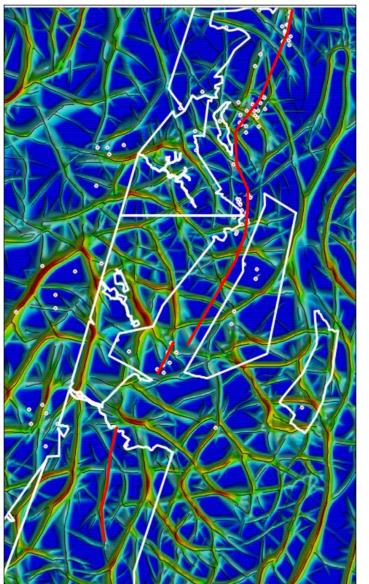


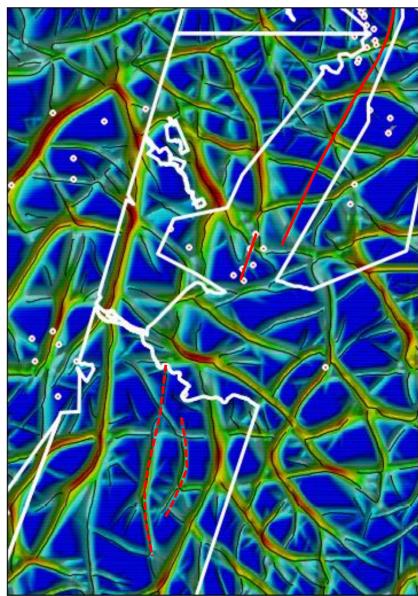


Buried Targets – Seeing through the cover



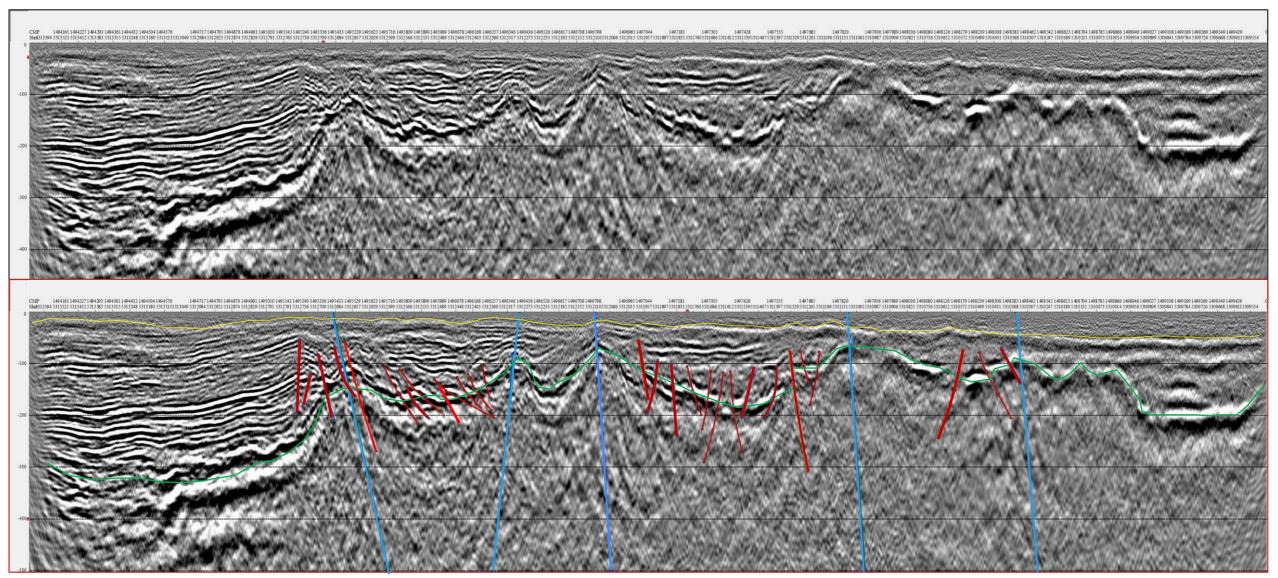






Seismic - is it the key to unlock Buried Targets







Siren Gold Summary

- Large holding in a proven high grade "goldfield"
- Significant drilling over the next two years
- Multiple opportunities for exploration success on key projects
- Huge potential for significant new discoveries

