



AIS RESOURCES

DEVELOPING A HIGHLY ADVANCED
LITHIUM PROJECT IN THE ARGENTINIAN
LITHIUM TRIANGLE

EXPLORING AND DEVELOPING THREE ADVANCED GOLD
PROJECTS IN THE WORLD'S BEST ADDRESSES FOR
HIGH-GRADE GOLD MINES IN AUSTRALIA

Q3 – 2023



DISCLAIMER



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LITHIUM IN ARGENTINA



A Lithium Project licenced to Spey Resources with lithium values from 125-175ppm with a 5 hole Production Plan at Incahuasi Salar

Lithium Demand – Property Prices Soar with Lithium Price



Current sales of Lithium Projects in the area:

- Pozuelos Salar sold for \$925 million to Ganfeng by Petrol Plus
- Rincon was sold to Rio Tinto by Rincon Lithium for \$825 million



Drilling at Pocitos in 2018



Brine flow at drill holes on Pocitos 1 & 2



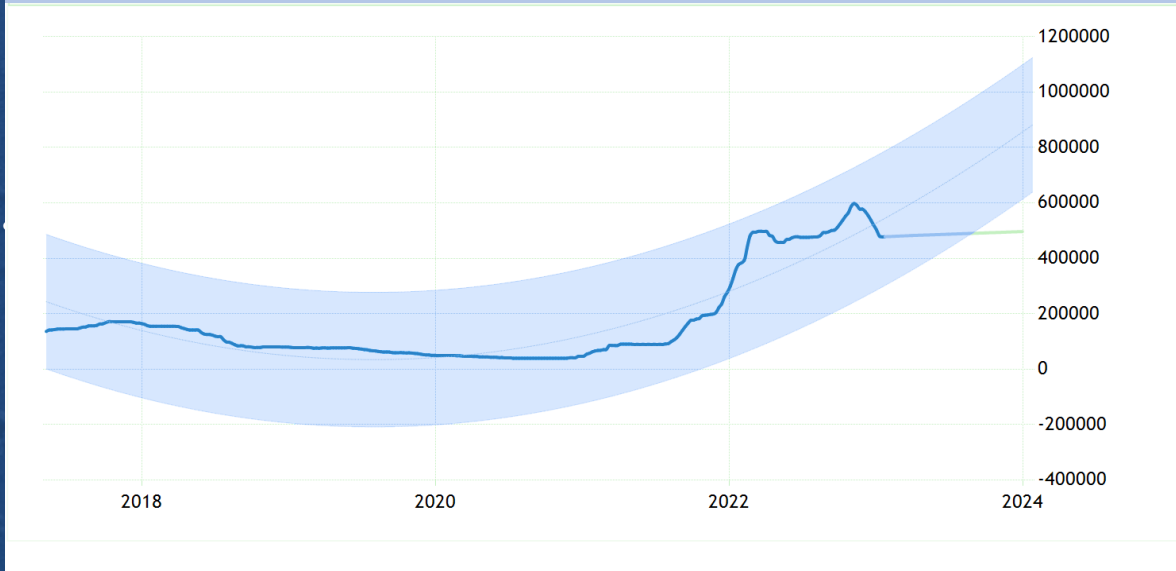
Trenching and brine close to surface

Lithium Demand – Strong Price & Market Growth Forecast



"The global lithium market... is projected to grow to USD 6.62 billion in 2028 at a CAGR of 8.1% during the 2021-2028 period." *Quote from Fortune Magazine*

Lithium Price Index Chart – 2018 to 2024
by [TradingEconomics.com](https://www.tradingeconomics.com)



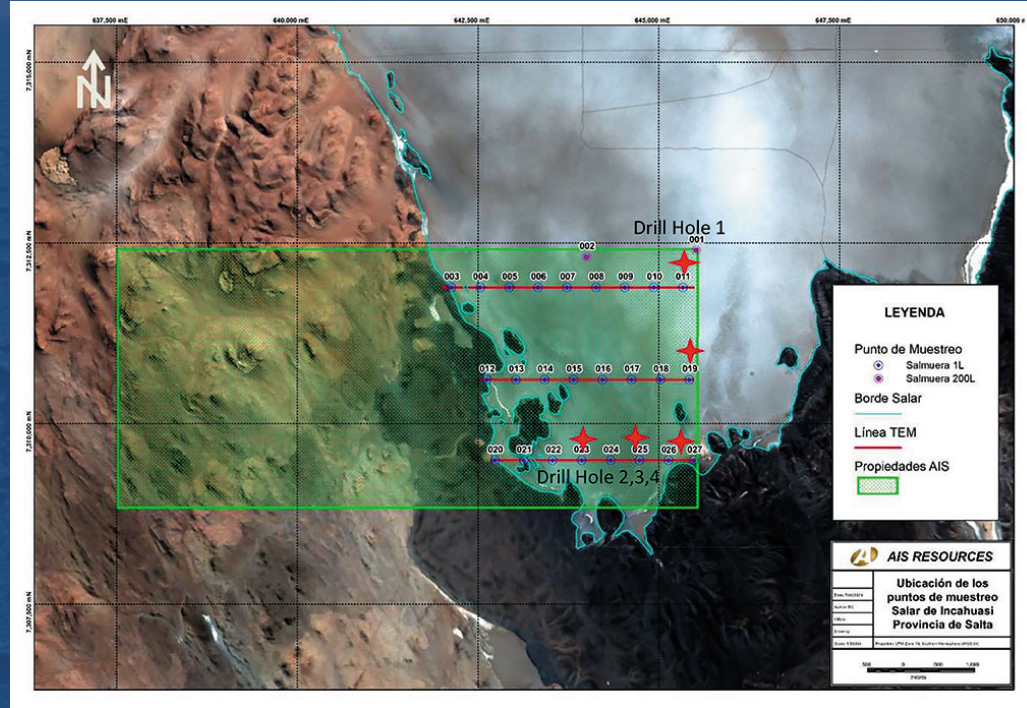
Trading Economics

January 2023 – Lithium is expected to trade at 482179.50 CNY/T by the end of this quarter, according to Trading Economics global macro models and analysts expectations. Looking forward, we estimate it to trade at 496504.50 in 12 months time.



Incahuasi Project, Candela II – Overview

- AIS retains a 20% equity interest 3,000 hectare mineral claim until a resource is declared, at which point it can co-contribute to its development.
- Spey Resources has a production drilling program planned for 1st quarter 2023.
- Spey can purchase AIS Resources' 20% interest for US\$6 Million plus additional US\$250,000 for each additional 5 tonnes of lithium metal equivalent.



Incahuasi Project, Candela II – Drilling for Lithium

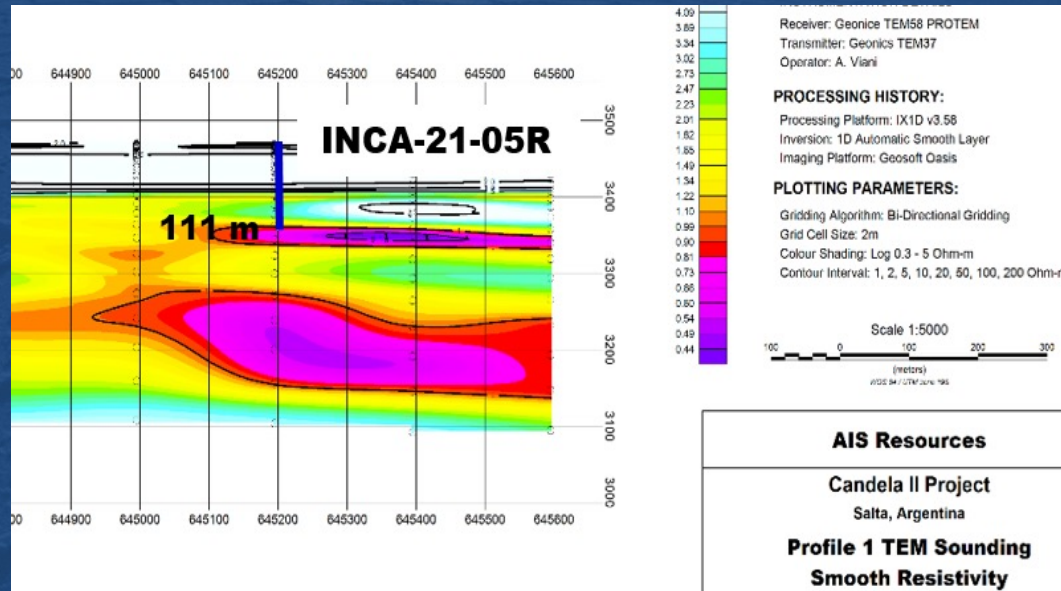


Joint Venture with Spey Resources

- Completed drilling five holes, including 3 x 50m, 1 x 70m and 1 x 250m
- Aquifers were intercepted with lithium values of 153 ppm – pink area below



Brines coming to surface

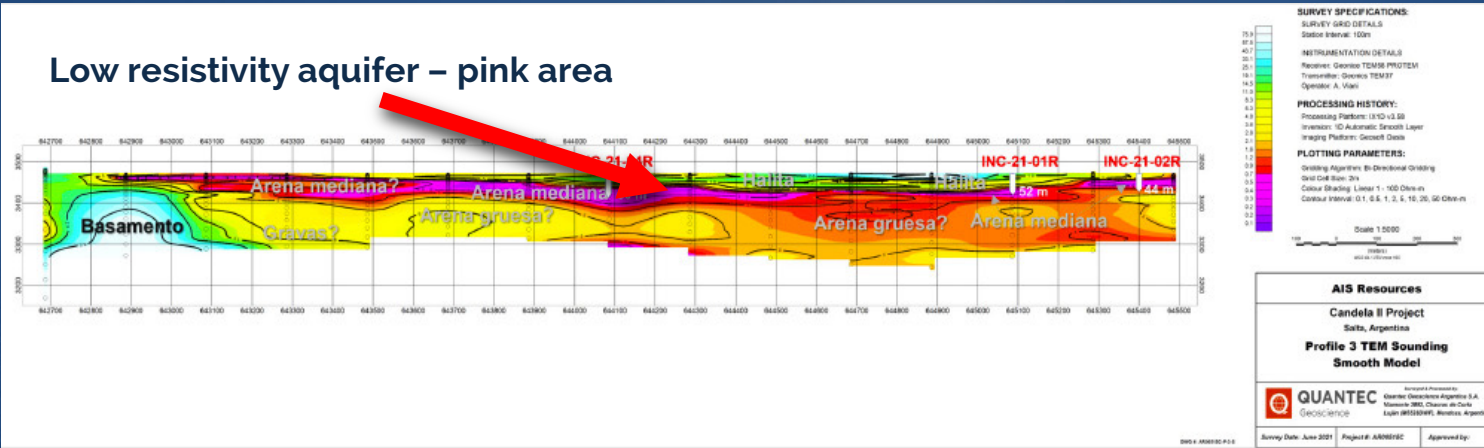


Geophysics show low resistivity areas (pink) where aquifers were intercepted.

Incahuasi Project, Candela II – Geophysics & Aquifers



Low resistivity aquifer – pink area



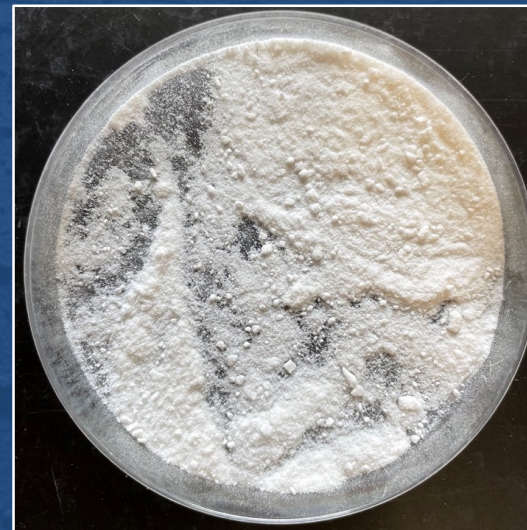
Incahuasi Project, Candela II – Drilling at Drill Hole 1 Site



Drill rig located at drill hole 1 site



99.5% Lithium Carbonate
produced from surface brine
samples using Ekosolve®
Process to be employed by
AIS Resources/



GOLD IN AUSTRALIA



Developing three Advanced Gold Projects in the world's best addresses for high-grade gold mines in the Victoria Lachlan Fold Belt in Australia.



Highlights – Three Advanced Drill-Ready Gold Projects



The highly prospective ground staked in the Victorian Golden Triangle, the NSW Australia goldfields in Lachlan Fold Belt and Greenstone corridor are surrounded by major fault systems and include four drill-ready projects:



Fosterville-Toolleen Gold Project

Victorian Golden Triangle, Bendigo, Victoria – 100% Owned

- Exploration Licence EL6001 – 28 sq km
- Closest to Fosterville Gold Mine (TSE: AEM) – 9 Moz 7.3 g/t Au in an open pit mine.
- Soil sampling, geophysics completed and preparing drill program 2



Kingston Gold Project

Victorian Golden Triangle, Stawell, Victoria – 100% Owned

- Exploration Licence EL6318 – 167 sq km property located 35km north-west from Stawell, Victoria.
- The best recent drill results were 3.6m at 16.89 g/t Au, including 2.5m at 24.27 g/t Au.



Bright Gold Project

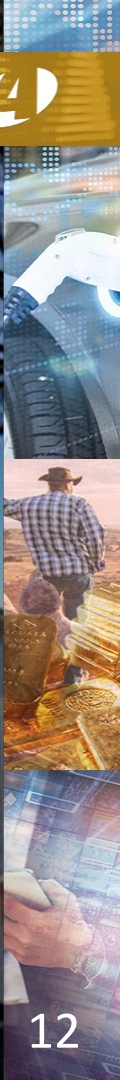
Victorian Golden Triangle, Victoria – 60% Owned

- EL006194 contains more than 250 historical gold mines, reefs (quartz veins) and gold occurrences dating back to the 1890's.
- Historically the EL006194 yielded 341,000 oz gold at grades ranging between 7-99 g/t, averaging 22 g/t Au.

FOSTERVILLE-TOOLLEEN GOLD PROJECT



Gold project 12 km from the world's lowest cost Gold Producer –
the 9 Moz Au Fosterville Gold Mine





Fosterville Gold Mine

Fosterville Gold Mine



Fosterville Open-cut Pit



AIS Fosterville-Toolleen Gold Project Property

Muskerry Moto Park

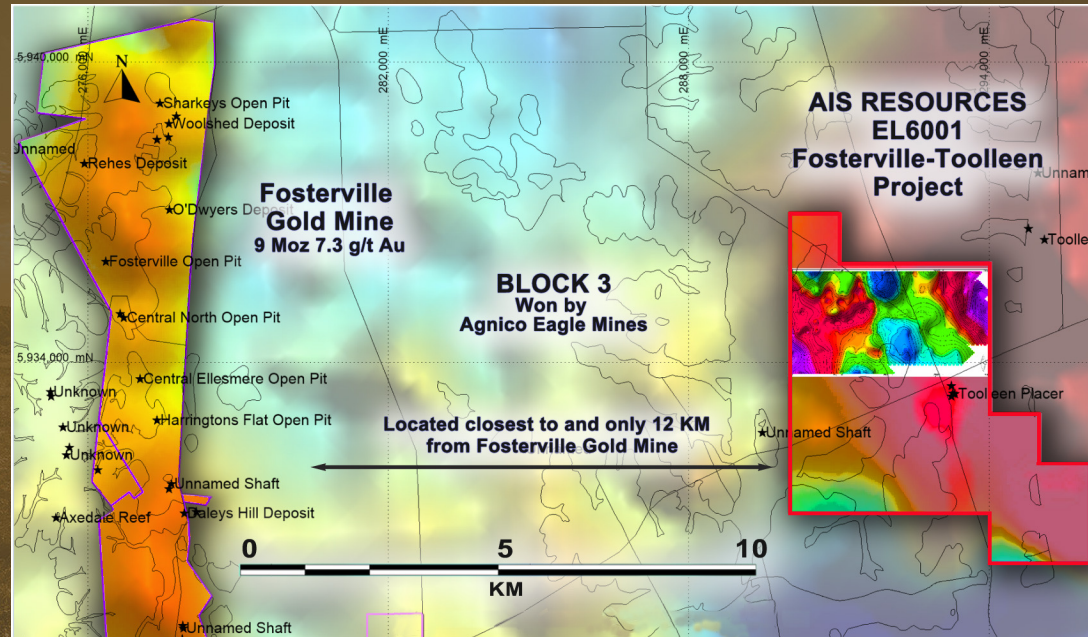
Gold project located only 12 km from the world's lowest cost Gold Producer – the 9 Moz Au Fosterville Gold Mine.

Google E

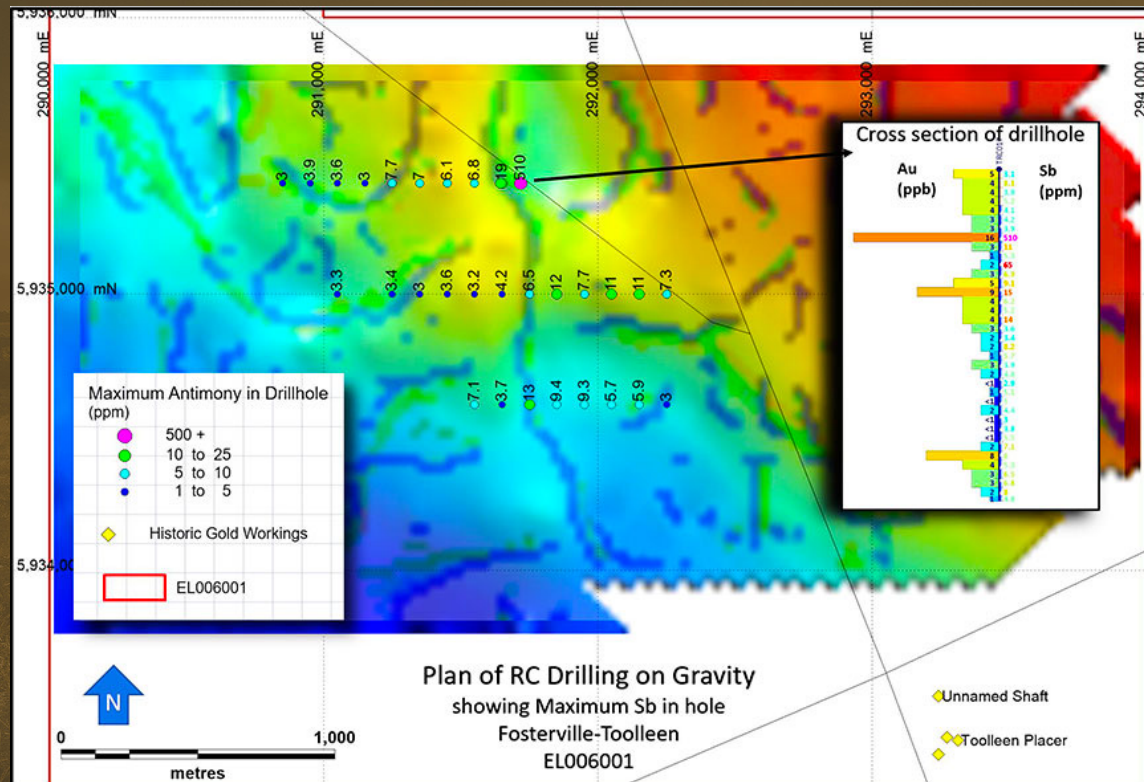
Fosterville-Toolleen Gold Project – Overview



- **Exploration Licence EL6001**
Closest project to Fosterville Gold Mine open pit mine with 9 Moz @ 7.3 g/t Au*
- Drill-ready project with IP geophysics and R-C/diamond drilling to complement drill & radar geophysics work done to date
- Fosterville initial drill results reported for the Lower Phoenix VG intercept was 51.7 g/t Au over 2.6 m (ETW 2.2 m), including 215 g/t over 0.6 m (ETW 0.5 m) in hole UDH4051. AISC per ounce sold of \$785 versus \$804 in YTD 2020
- Open-pit M&I Mineral Resources tripled to 14,718,000 oz (572.0M tonnes @ 0.80 g/t);



Fosterville-Toolleen Gold Project – Phase 1 RC Drilling on Gravity – Sb Discovery



In August, AIS announced the discovery of elevated antimony levels in the eastern portion of the Company's Fosterville-Toolleen Gold Project.

AIS Resources Consultant Phil Thomas commented:

"Finding another pathfinder in Sb at Toolleen

Fosterville Gold Project is important. It is well known that antimony is a key pathfinder for gold as is evident at the neighbouring Kirkland Lake Fosterville Gold Mine and more importantly the Mandalay Resources Costerfield Gold Mine."

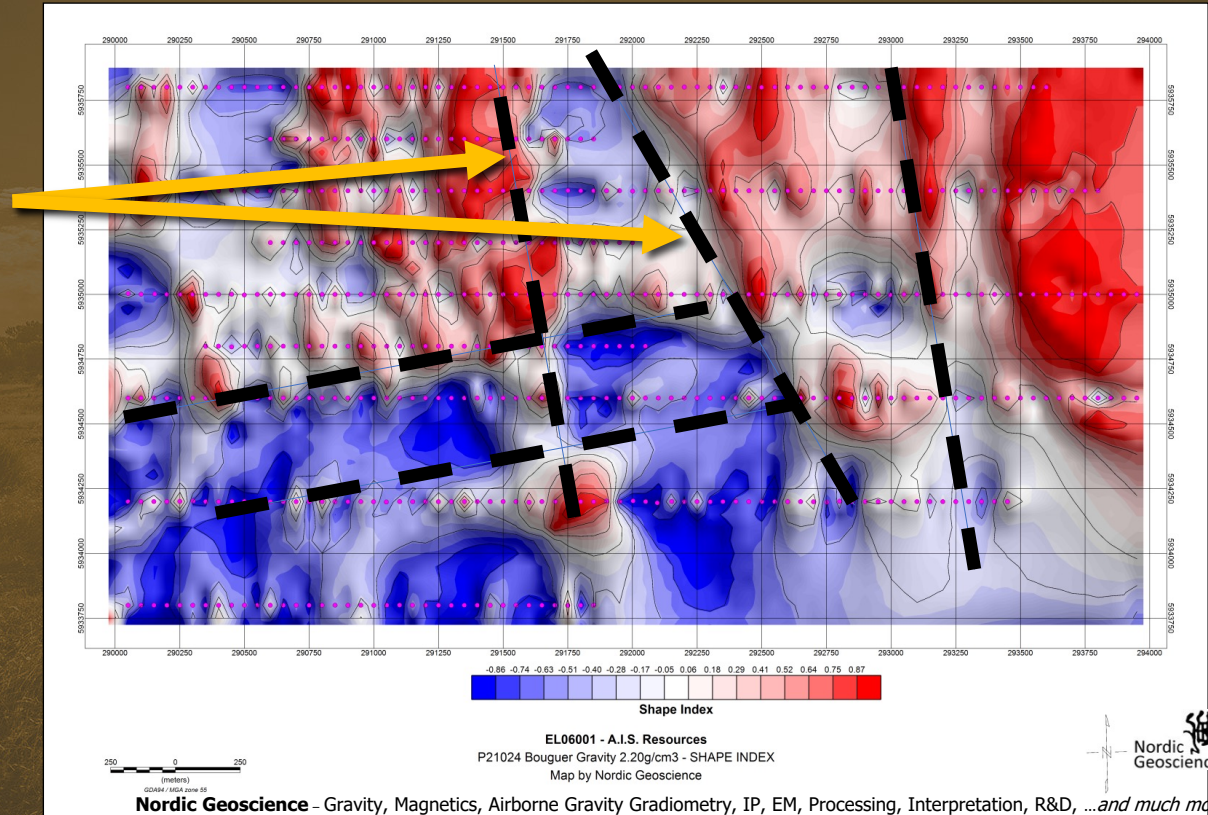
Fosterville-Toolleen Gold Project – Structures Well Defined



The Shape Index image also focusses on short-wave length (near surface) features.

The edges of the NNW-SSE striking structures are well imaged. The Shape Index is used for structural interpretation.

The image shows the gravity highs and lows of different structures that are denser connotating different types of sediments aligned along shear and fault structures. Usually where these intersect the gravity changes due to the mineralised fluids that may contain gold and arsenopyrite as the main pathfinder



Fosterville-Toolleen Gold Project – P21024 Bouguer Gravity – Target Selection



R1 and R2 are both cut by what may be a steeply dipping normal fault “N1”

The intersection of R1 and N1 presents a high priority drill target.

Soil sampling in the area between R1 and R2 with sufficient extension is encouraged.

The gravity coverage in the eastern and southern parts of the survey will be infilled to 200m line spacing in a follow-up gravity survey

**Litho-Boundaries:
Colour Approx. Depth**

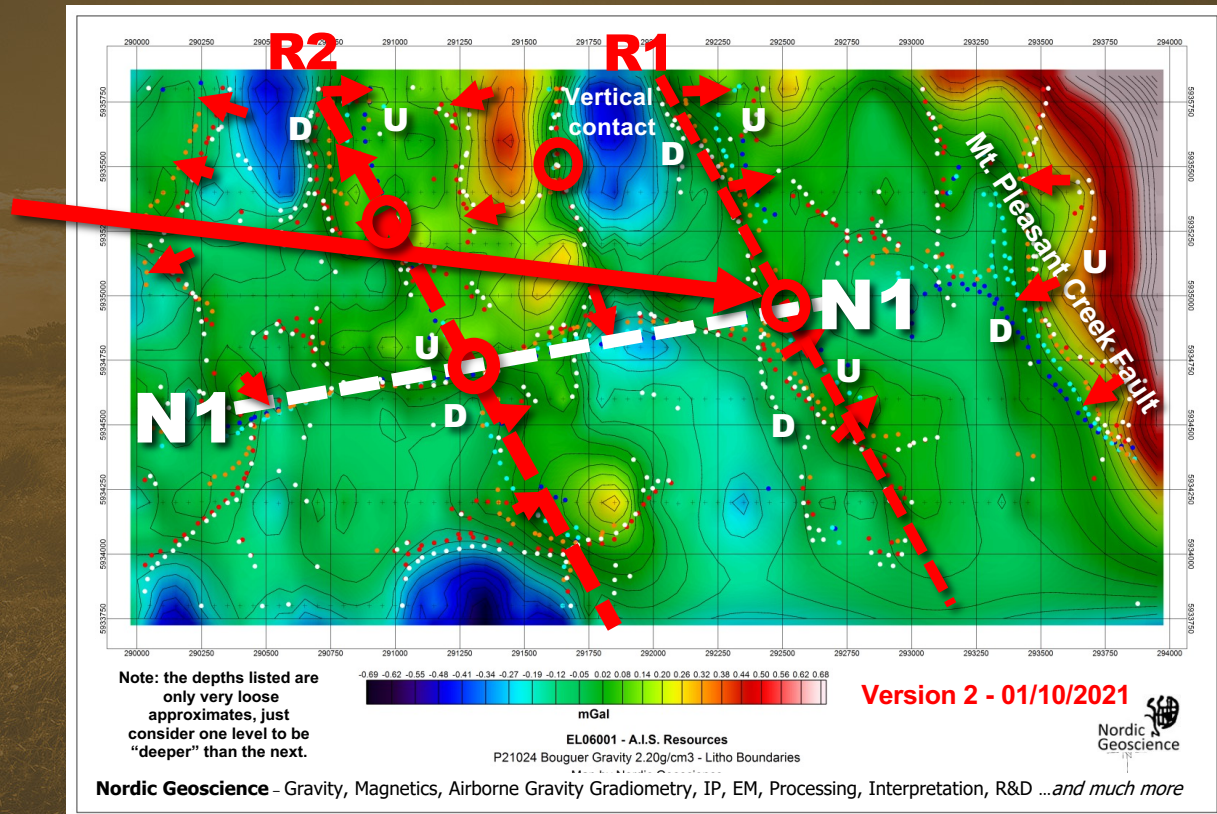
White ~ 25m

Red ~ 50m

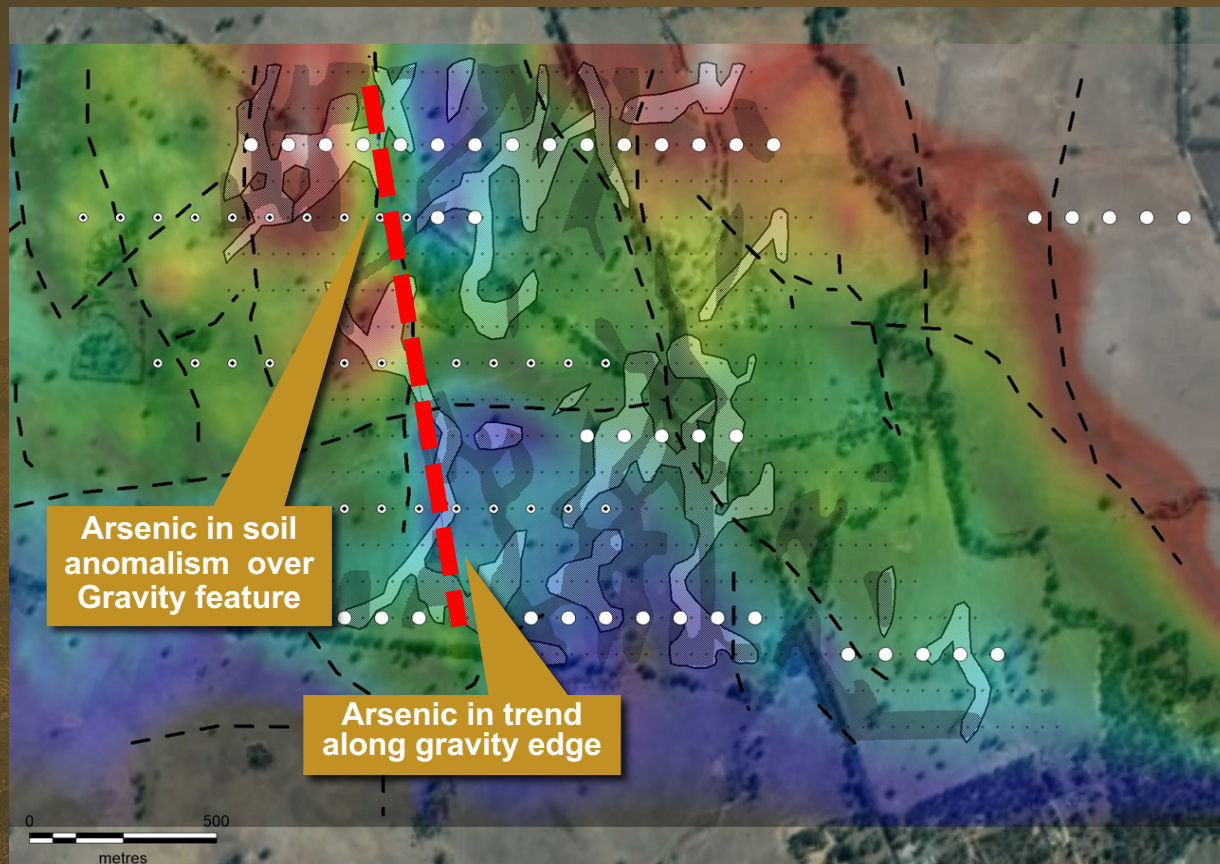
Orange ~ 100m

Cyan ~ 150m

Dark Blue ~ 200m



Fosterville-Toolleen Gold Project – Drill Hole Locations



Map Description

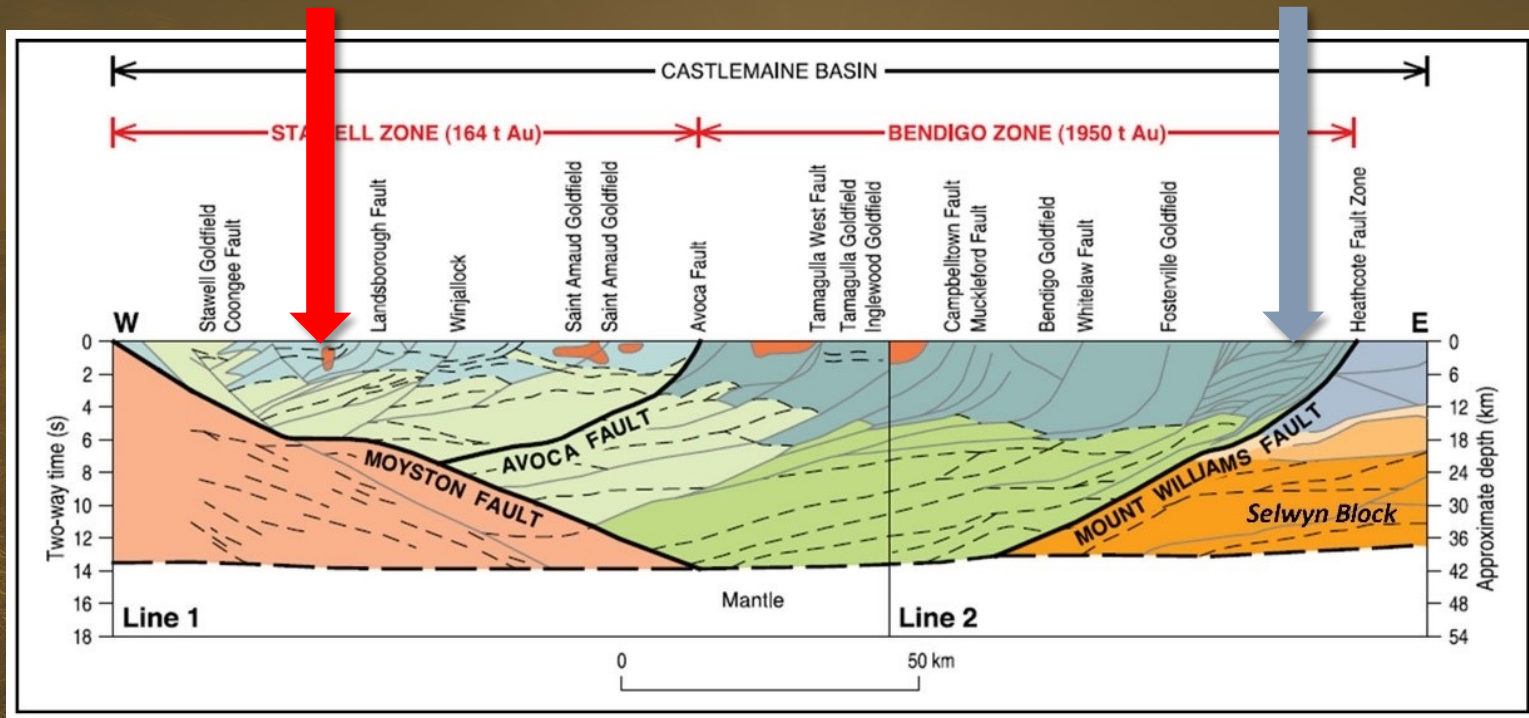
- White solid dots represent drill targets
- White dots with black centre is first drilling phase locations
- RC drill program is being scheduled for December/ subject to rig availability/ conditions and landowner permission
- Map shows the Arsenic in soil contours over an upper continued gravity image with key positions identified. A selection of samples will be submitted for ultrafine analysis via Ultratrace laboratories to measure low level concentrations of elements including gold and antimony which will be incorporated into further drill targeting.





Kingston Project

Toolleen Fosterville Project



KINGSTON GOLD PROJECT

Drill-ready 167 sq km Exploration Licence EL6318
with drill results of 16.8g g/t and 24.27 g/t Au.

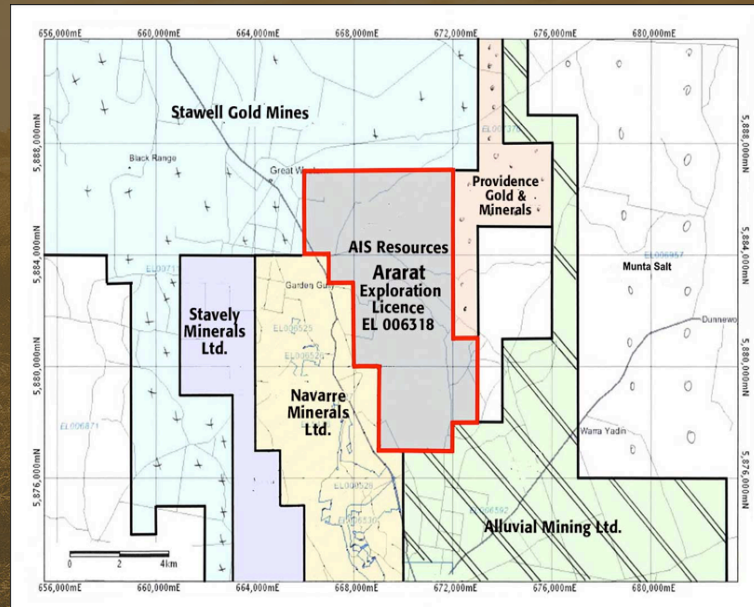
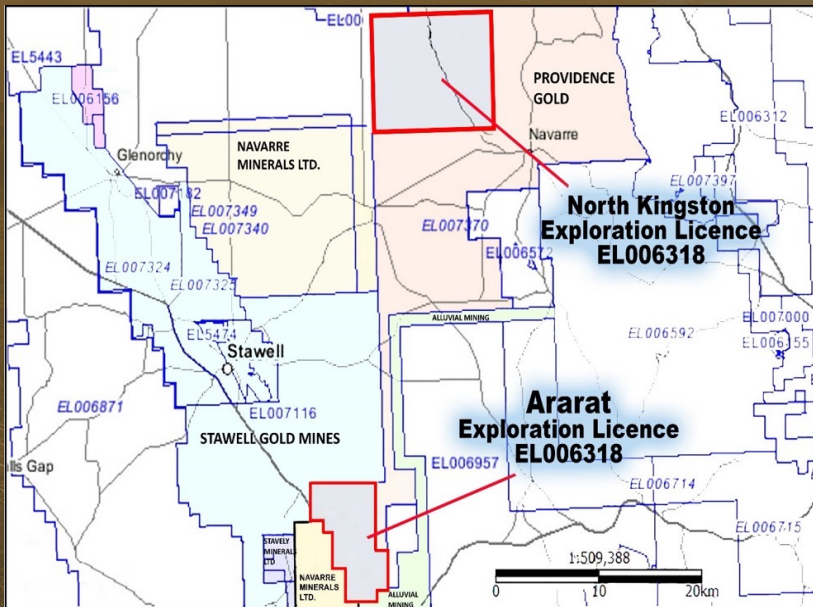


Kingston Gold Project – Exploration Licence EL6318



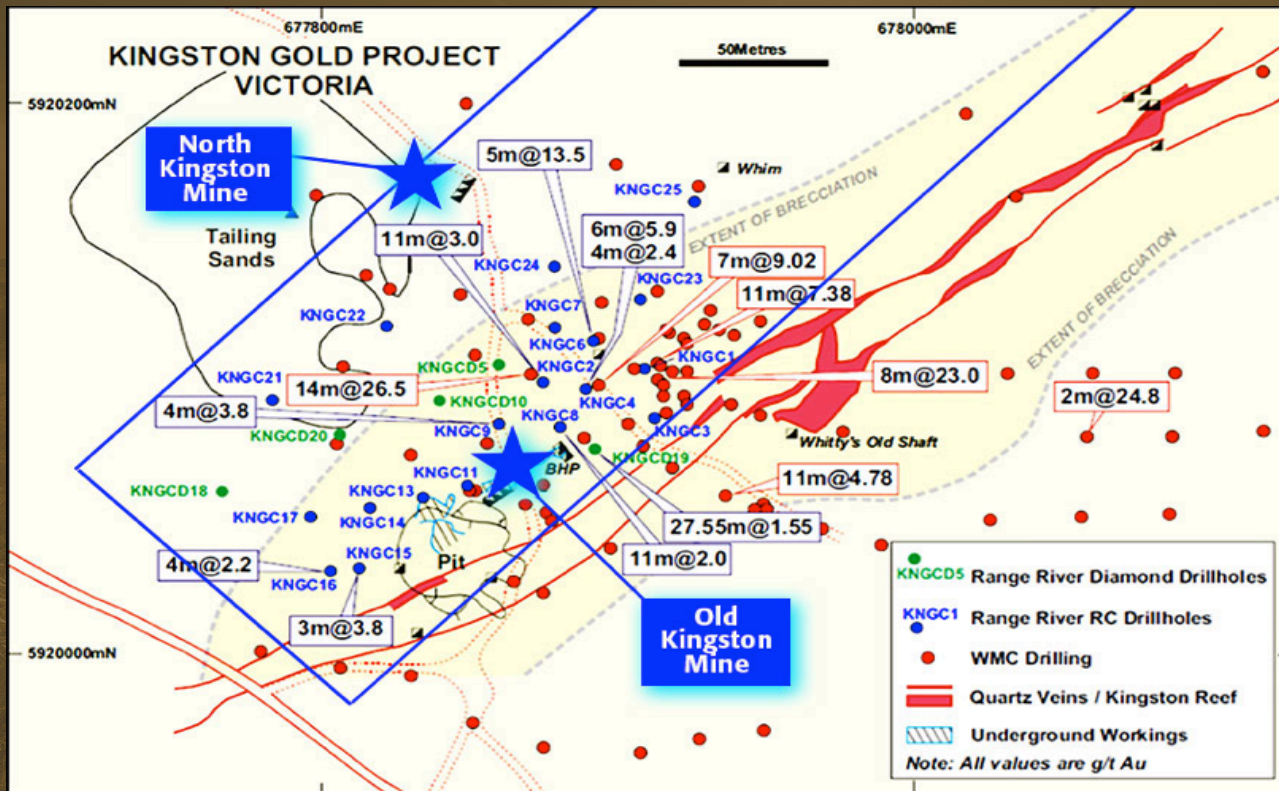
The Exploration Licence EL6318 has two properties:

- North Kingston Mine and Ararat sections surrounded by multiple mining public & private companies.
- Ararat's western border is flanked by the Navarre Minerals (ASX: NML) and the Stavelly Minerals (ASX: SVY) discoveries.



Kingston Gold Project – Kingston Mine Royalty 15%

ALS has a 15% royalty for gold taken from the Kingston Mine on the company's EL.



Kingston Gold Project – Overview



Historically Prolific Gold Production Area

- 1900 to 1903 – The Old Kingston Mine production as estimated by the then Mining Surveyor was 2,762 ozs of gold from mining 11,764 tonnes of ore at 7.3 g/t Au average grade.
- 1931 to 1932 – Previous exploration at North Kingston EL was undertaken by BHP/WMC under joint ventures with Southern Continental, Hume Mining and Platsearch. BHP commenced exploration at the North Kingston EL by sinking a shallow prospecting shaft 25 metres northeast of the Old Kingston Mine shaft.
- 1986 to 1989 – Western Mining Corporation (WMC) recognised the potential for high-grade outcropping areas, making this magnetic trend a favourable corridor for hosting gold deposits. Previous drilling by Hume Mining and WMC has intersected 1m at 15.4 g/t and 2m at 24.8 g/t Au – outside the Kingston Mine area.
- 1980s – WMC Limited drilled 213 holes totalling 10,312m around the old Kingston Mine. This resulted in significant gold drill results – 8m @ 23.0 g/t Au from 28m in KINC6 – 9m @ 40.5 g/t Au from 78m in KINC58.

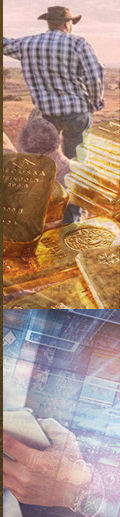


Kingston Gold Project – Overview – *continued*

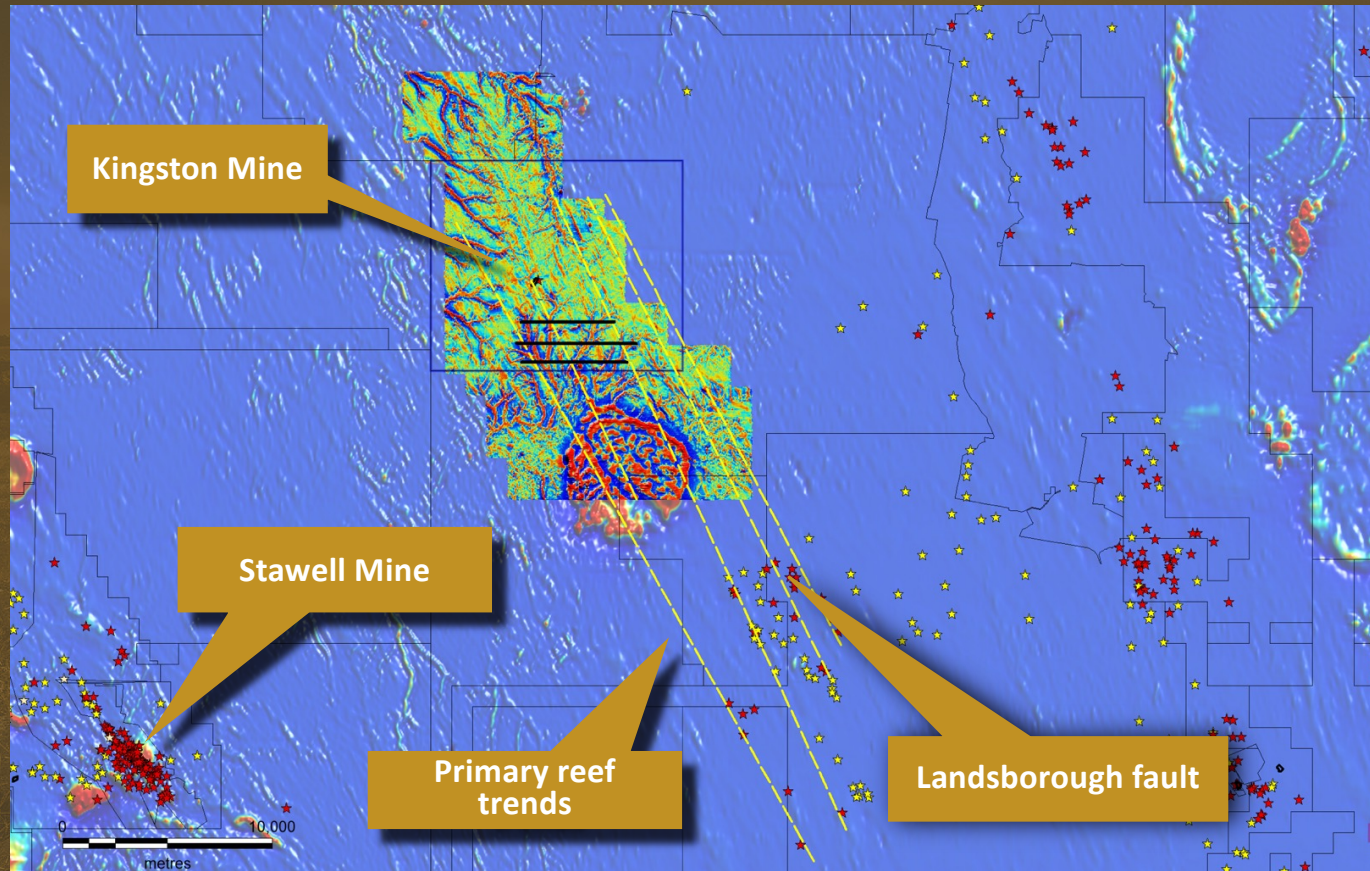


Historically Prolific Gold from 2002 On

- 2002-2010 – Range River Gold Limited undertook a program of geological mapping, rock chip sampling and drilling. The best drilling results were 5m @ 12.6 g/t Au from 63m in hole KNGC6; 6m @ 5.8 g/t Au from 52m in hole KNGC4; and 5m @ 4.3 g/t Au from 77m in hole KNGC2.
- 2012 – Navarre Minerals Limited which held the concession at the time announced drill results of 16.9m at 5.5 g/t Au from a depth of 65.7m down-hole, including 3.1m at 29.5 g/t Au. Visible gold was identified between 65.7m and 65.9m down-hole within a quartz breccia on the hanging wall side of a quartz lode structure.
- **2019 March** – Starwest Drilling drilled four holes for the current owners near the Old Kingston Mine site. Holes SWK001 to 4 to a depth of 70 to 80m with results up to 24.27 g/t Au.
- **2020 March** – Navarre – The Resolution Lode drilling detected gold extending over 300m in depth which may continue further near the Coongee fault, in the Irvine Gold Prospect (on our Western border).



Kingston Gold Project – Magnetic Study Showing Trends and Drill Targets



BRIGHT GOLD PROJECT



EL006194 contains more than 250 historical gold mines, reefs (quartz veins) averaging 22 g/t Au



Bright Gold Project – Overview



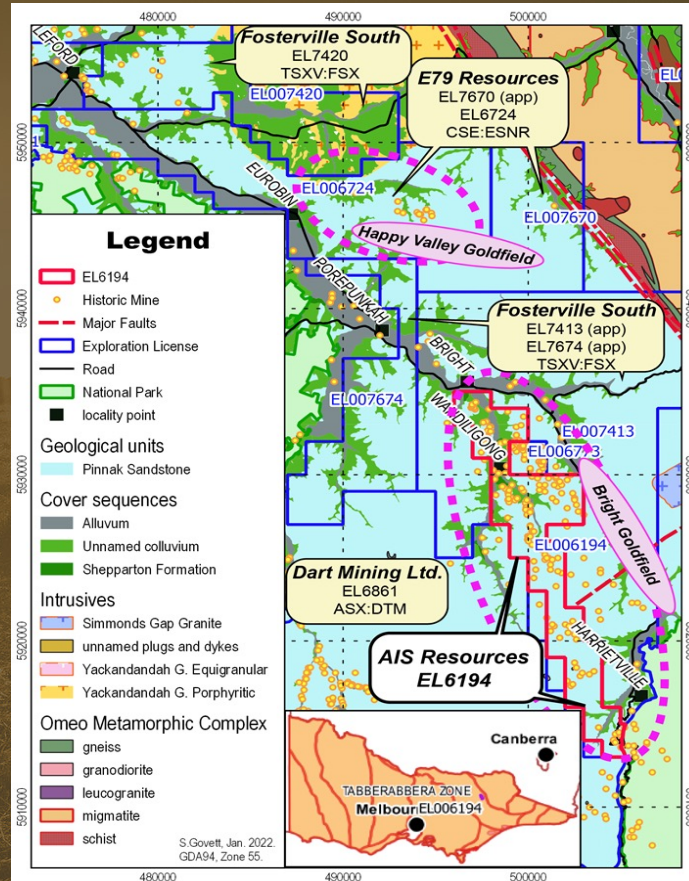
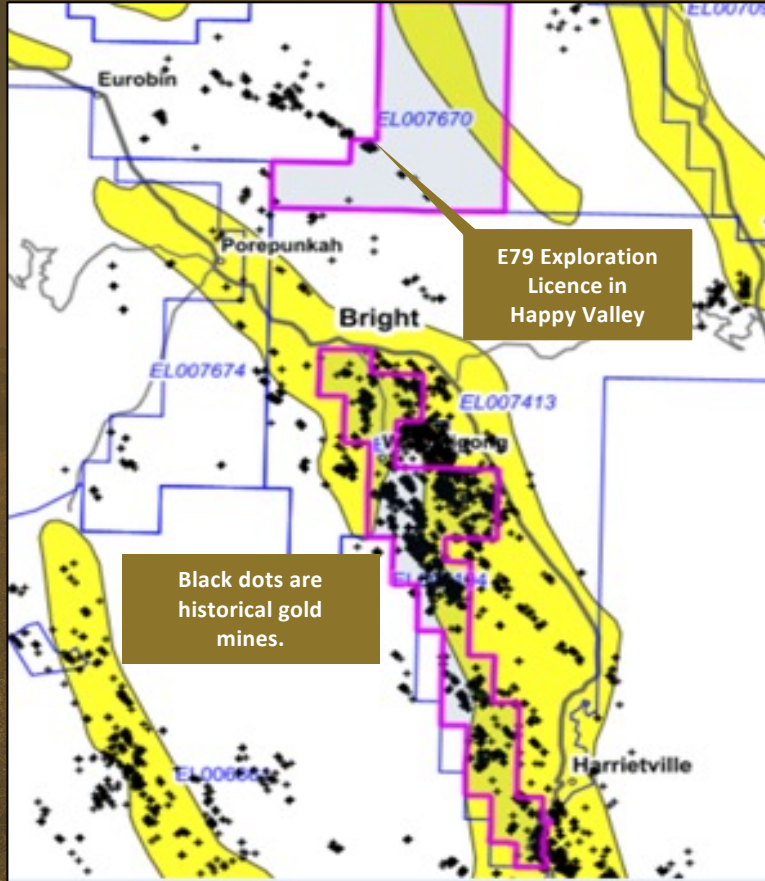
Another Historically Prolific Gold Production Area

- Bright Gold Project EL006194 contains more than 250 historical gold mines, reefs (quartz veins) and gold occurrences dating back to the 1890's.
- Historically the EL006194 yielded 341,000 oz gold at grades between 7-99 g/t, averaging 22 g/t Au.
- The largest producers on the Project were the Rose, Thistle and Shamrock mine @ 22.2 g/t Au for 140,000 oz and the Oriental Mine @ 28 g/t for 6,194 oz.
- The Bright Gold Project – a premium location and only 6 km from E79's Happy Valley Project.
- The Project and surrounds is comprised of many major historical workings and recorded production of over 730,000 oz from both alluvial and rock mining.
- In December 2021 AIS acquired 60% of the Bright Gold Project from Clarus Resources Pty Ltd with the option to acquire 100%.

Williams Reef Mine rockchips of gold located only 600m metres from where drilling has commenced.



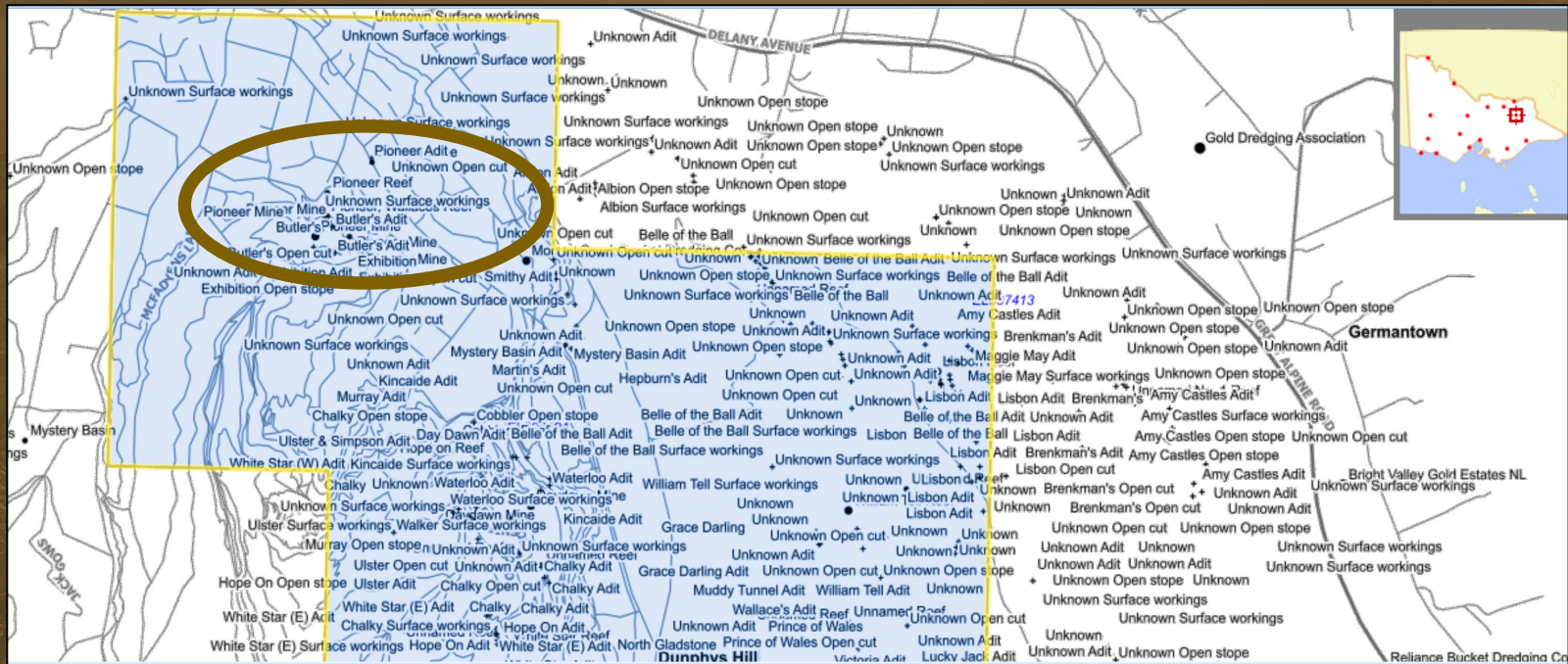
Bright Gold Project – Premium Location, Close Proximity to E79



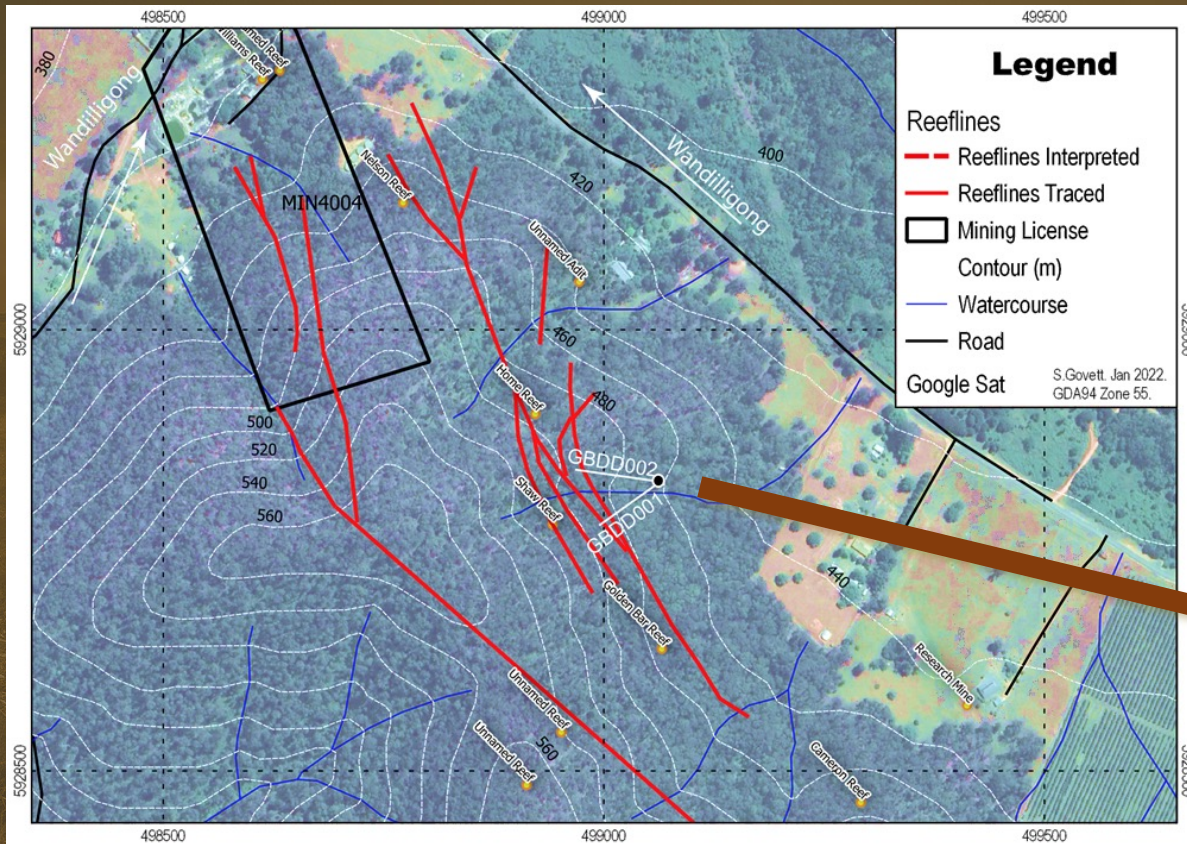
Bright Gold Project – 250 Historical Mines, Reefs & Workings



The northern section of the Exploration Licence shows the large number of historic mines, reefs and workings that are walk-up targets for drilling. The Pioneer Mine (shown in the gold ellipse) was the most successful mine in the northern area and will be drilled shortly by AIS Resources. Adjacent to the Pioneer mine is a cleared pine plantation area. The town of Bright is to the north.

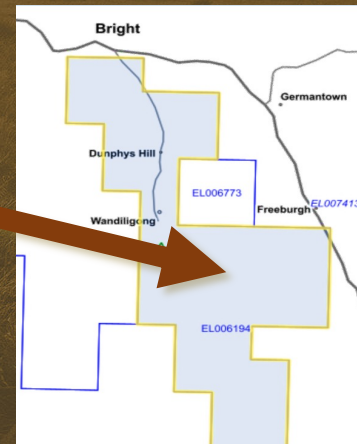


Bright Gold Project – Golden Bar Reef Drill Holes – GBDD001-002



Drill holes GBDD001 and GBDD002 were drilled to test the down plunge intersections of Shaws-Home Reef and Red Leader-Home Reef. Logging and assaying of these holes are to be finalized in the first quarter of 2022.

MIN4004 is in our exploration licence but owned by another miner.



Bright Gold Project – Core Sections Showing Sulphide Mineralization



Stewart Govett and Geologist Denis Walsh inspecting some of the 223 metres of DDH core from two drill holes showing massive sulphides that may contain gold and a large quartz vein intersected with pyrites and arsenopyrites.



AIS Resources Geologist Stewart Govett has determined that 223 metres of DDH core from two drill holes produced in the most drilling show massive sulphides that may contain gold and a large quartz vein intersected with pyrite and arsenopyrite.

Comparison of the structural relationships between five gold deposits in Ordovician rocks of the central Victorian slate belt reveals a similar history and structural control of gold mineralization.

Large quartz veins, spatially associated with gold mineralization, such as the famous saddle reefs of Bendigo, formed during the second deformation, earlier than the gold mineralization itself.

Access of fluids resulting from metamorphism and deformation to the brecciated, fractured and jostled blocks of country rock created conditions suitable for the precipitation of gold through a sequence of alteration, replacement and infill.

The dominant structural relationships that resulted in the generation of these sites were (A), the high angle of the axial plane of the fourth deformation to earlier structures and (B), the presence, during mineralization of large, pre-existing quartz veins that acted as structural discontinuities on which brecciation could occur. These factors allow a predictive capacity for exploration in the region.

MANAGEMENT & MARKET CAP



Experienced Exploration & Development Team –
Market Cap and Share Structure



Experienced Management Team



Martyn Element
Chairman

Primarily focused on sourcing capital globally and advising companies worldwide, with a proven track record of success. Has raised over \$500 million for the public and private companies. Was responsible for successfully advising 17 and listing 12 Australian public companies in Canada. Previously was a stock broker and subsequently a director of corporate finance in Canada.



Andrew Neale, BASc, MASc
President & CEO

Andrew is a Canadian engineer with over 35 years' experience in all aspects of the international mining industry. Andrew started his career in Canada with Falconbridge and Noranda, and then joined PT Freeport Indonesia in the early-90s, serving as VP Technical Services until 2005. Since then, Andrew has held senior executive positions in various public and private mining companies with projects in Central America, South America, the Middle East, & South-East Asia. Andrew is currently based in Jakarta Indonesia.



Kiki Smith, B.A.(Econ), CPA, CGA
Chief Financial Officer

Brings more than two decades of experience in managing junior listed companies in the mining exploration debt and equity financings, corporate structure sector. Has led a number of companies design, cash flow management and forecasting, legal and regulatory compliance, investor communications, stakeholder engagement and risk management.

Share Structure & Exchange Listings



As of August 2023

Shares	204,215,409
Options	14,511,667
Warrants	<u>78,091,666</u>
Fully Diluted	296,818,742

Exchange Listings

TSX.V:	AIS
OTC Pink:	AISSF
Frankfurt:	5YHA





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- TSX.V: AIS
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- FRA: 5YHA

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