



AIS RESOURCES **GOLD & LITHIUM**

Developing Four Advanced Gold Projects in the
World's Best Addresses for High-Grade Gold Mines
in the Victoria Lachlan Fold Belt in Australia.

Partnering with Spey Resources
Drilling for Lithium in Northern Argentina

May 2022

TSX.V: AIS | OTCQB: AISSF

www.aisresources.com

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The highly prospective ground staked in the Victorian Golden Triangle, the NSW Australia goldfields in Lachlan Fold Belt and Greenstone corridor – all around major fault systems and folding include these four drill-ready projects:



Kingston Gold Project

*Victorian Golden Triangle,
Stawell, Victoria*

- 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.



Fosterville-Toolleen Gold Project

*Victorian Golden Triangle,
Bendigo, Victoria*

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



Yalgogrin Gold Project

New South Wales

- Exploration Licences ELA6030 – 56 sq km & EL5891 – 2.8 sq km property
- Ideal for heap leach recovery for high grade and low grade mineralization. 80m at 1.5gm/t.
- Significant gold discovered from drilling 20 metres below surface – results up to 32.1 g/t Au.



Bright Gold Project

*Victorian Golden Triangle,
Victoria*

- 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 Open-cut Pit



Bendigo



Fosterville Underground Mine

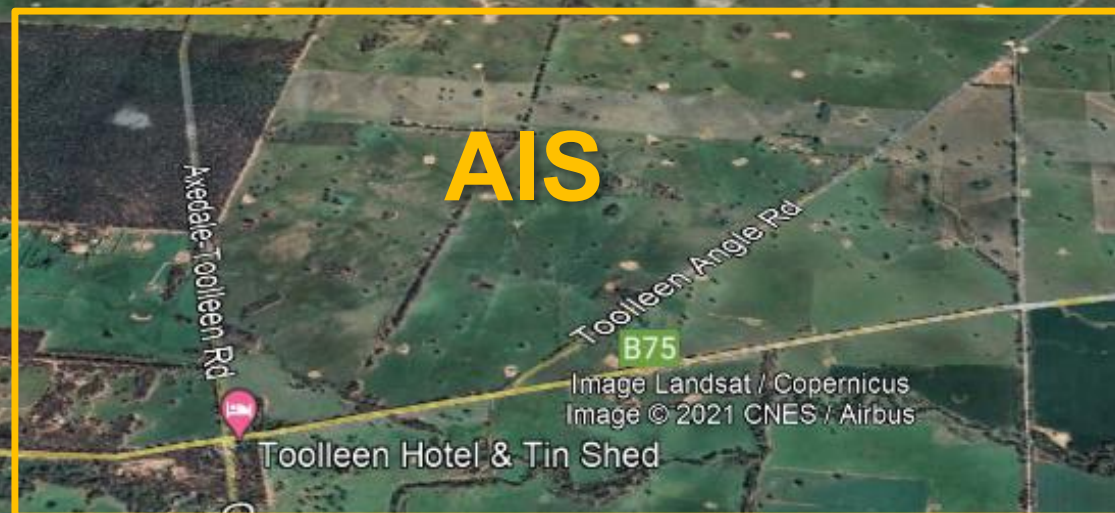


Fosterville Gold Mine

FOSTERVILLE-TOOLLEEN

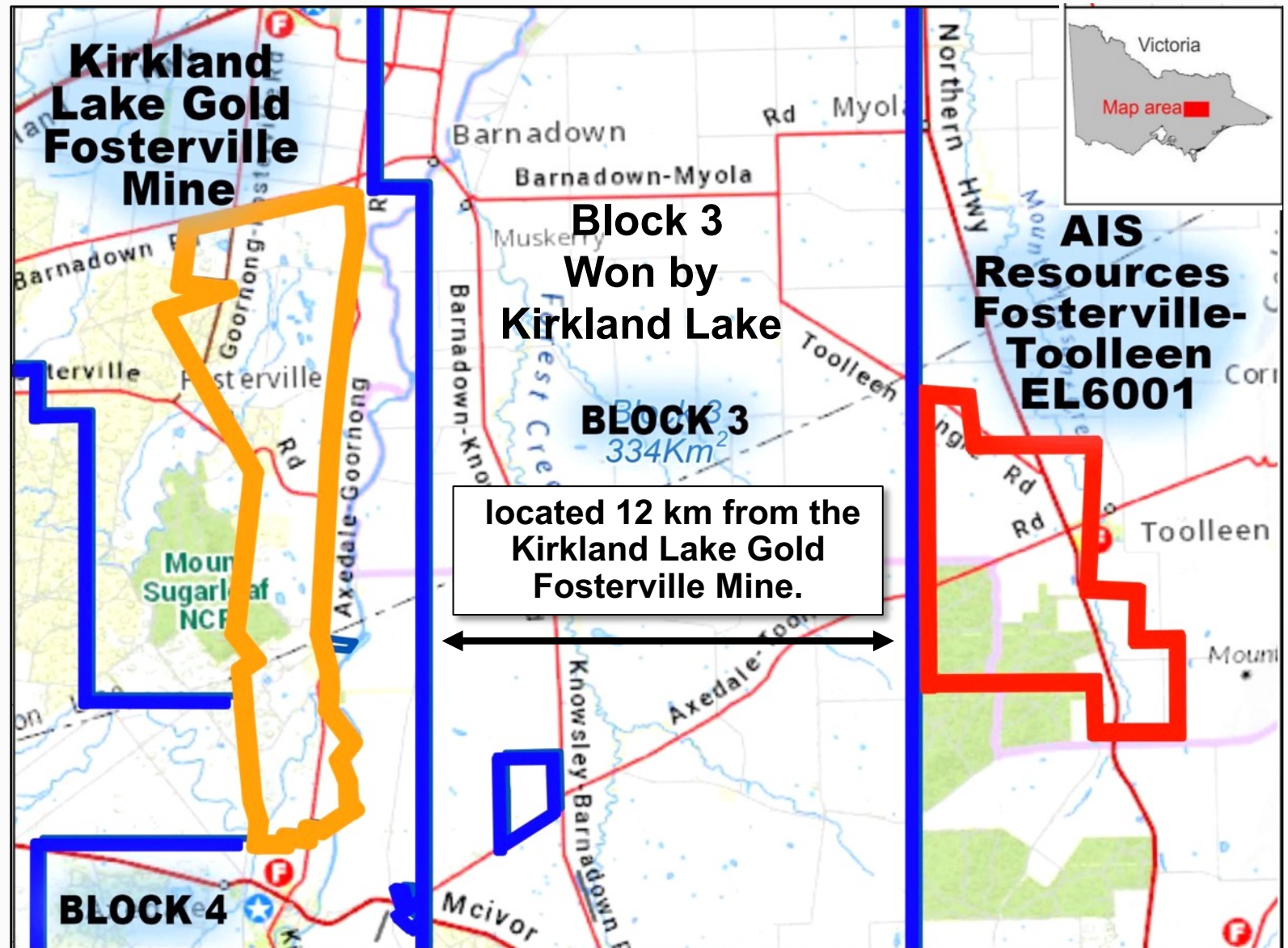
Gold Project 12 km from the world's lowest cost gold producer the 9 Moz Au Fosterville Mine

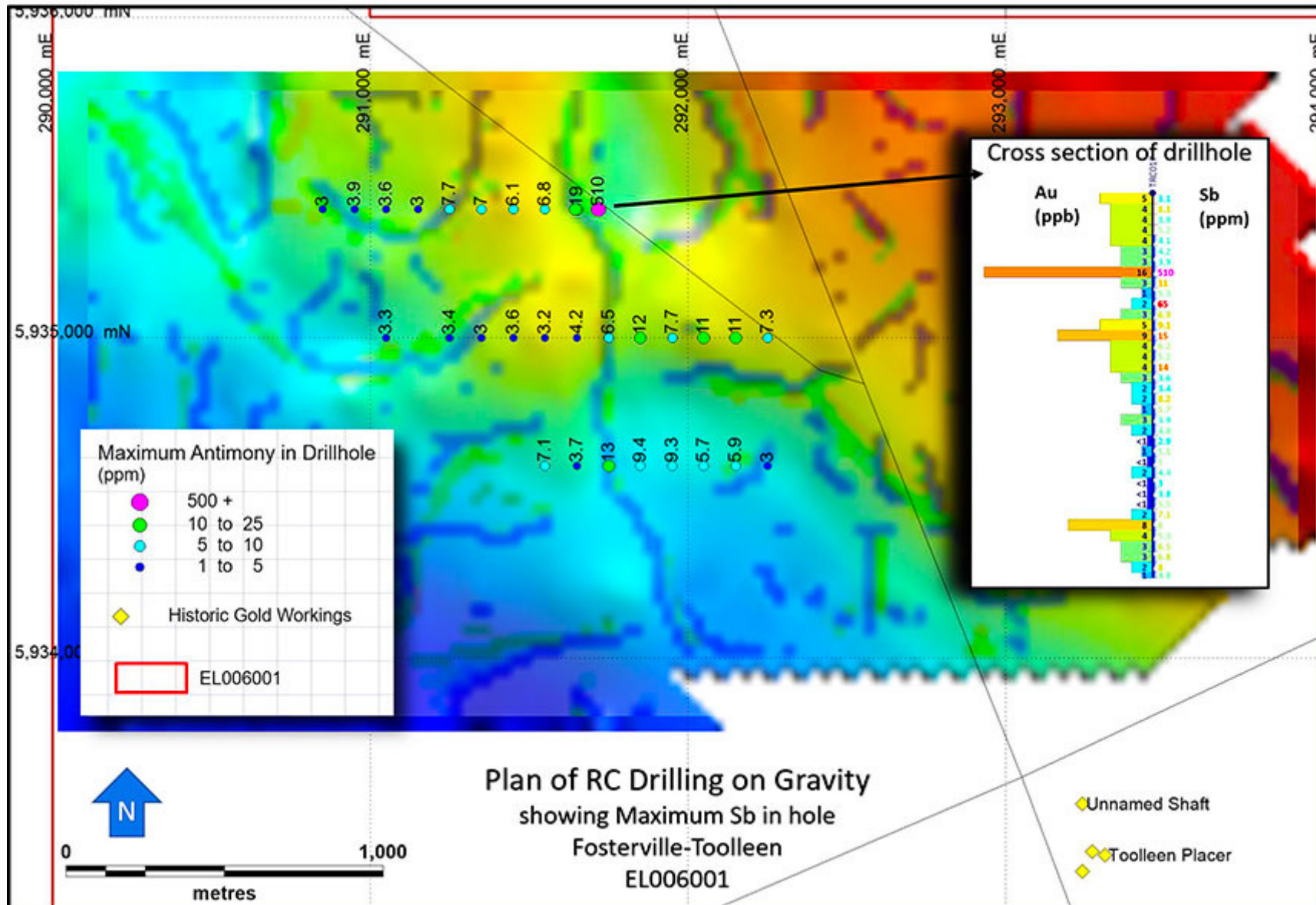
AIS



Google Earth

- Exploration Licence EL6001 – closest to Fosterville Gold Mine ([NYSE: KL](#)) – 9 Moz 7.3 g/t Au in the open pit mine.
- Drill-ready project with IP geophysics and R-C/diamond drilling to complement drill & radar geophysics work done to date
- Kirkland drill result initially 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);





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

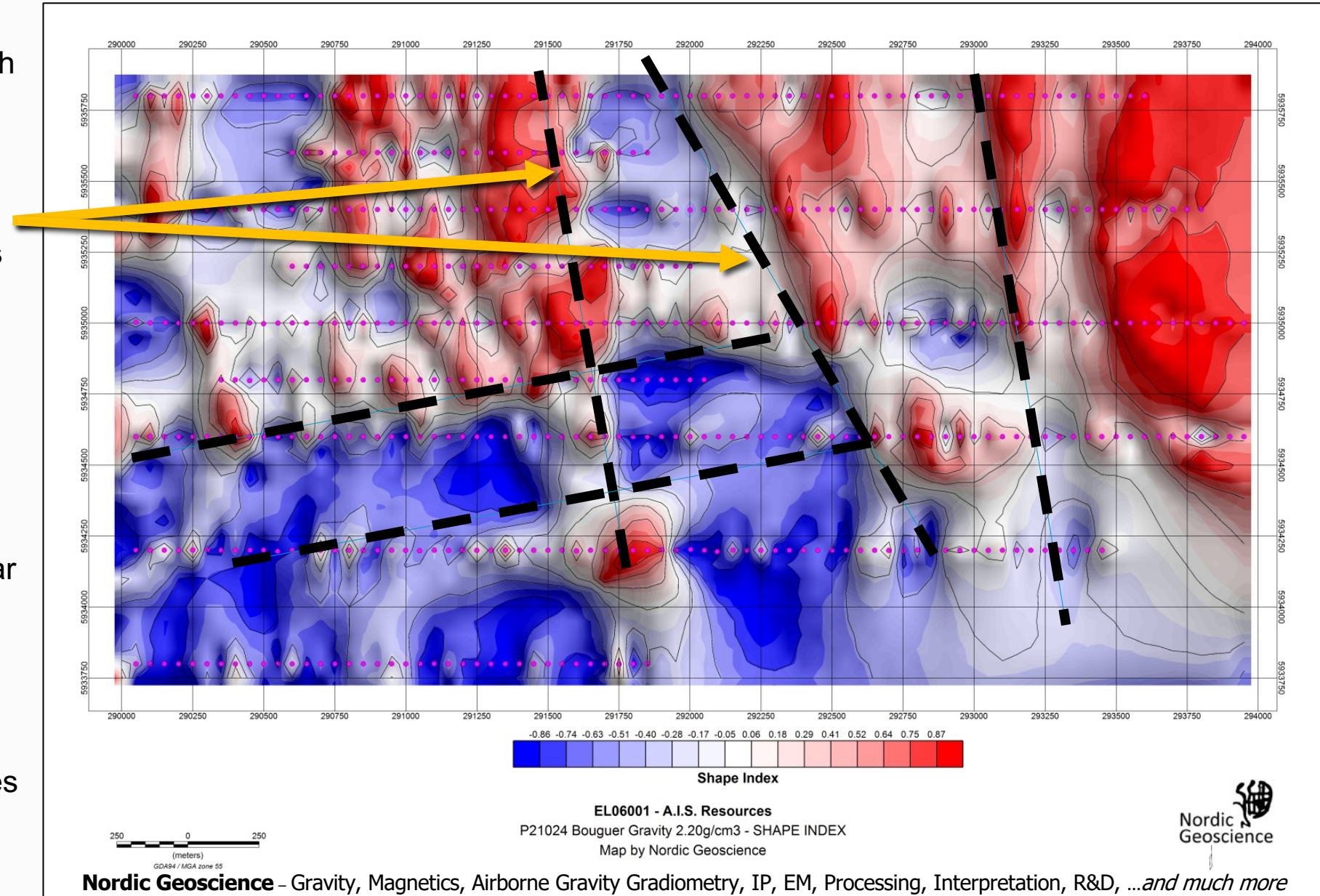
AIS Resources CEO Phil Thomas commented

"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.

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 arsenopyrites the main pathfinder



Fosterville-Toolleen – P21024 Bouguer Gravity – Target Selection

TSX-V: AIS
OTCQB: AISSF

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

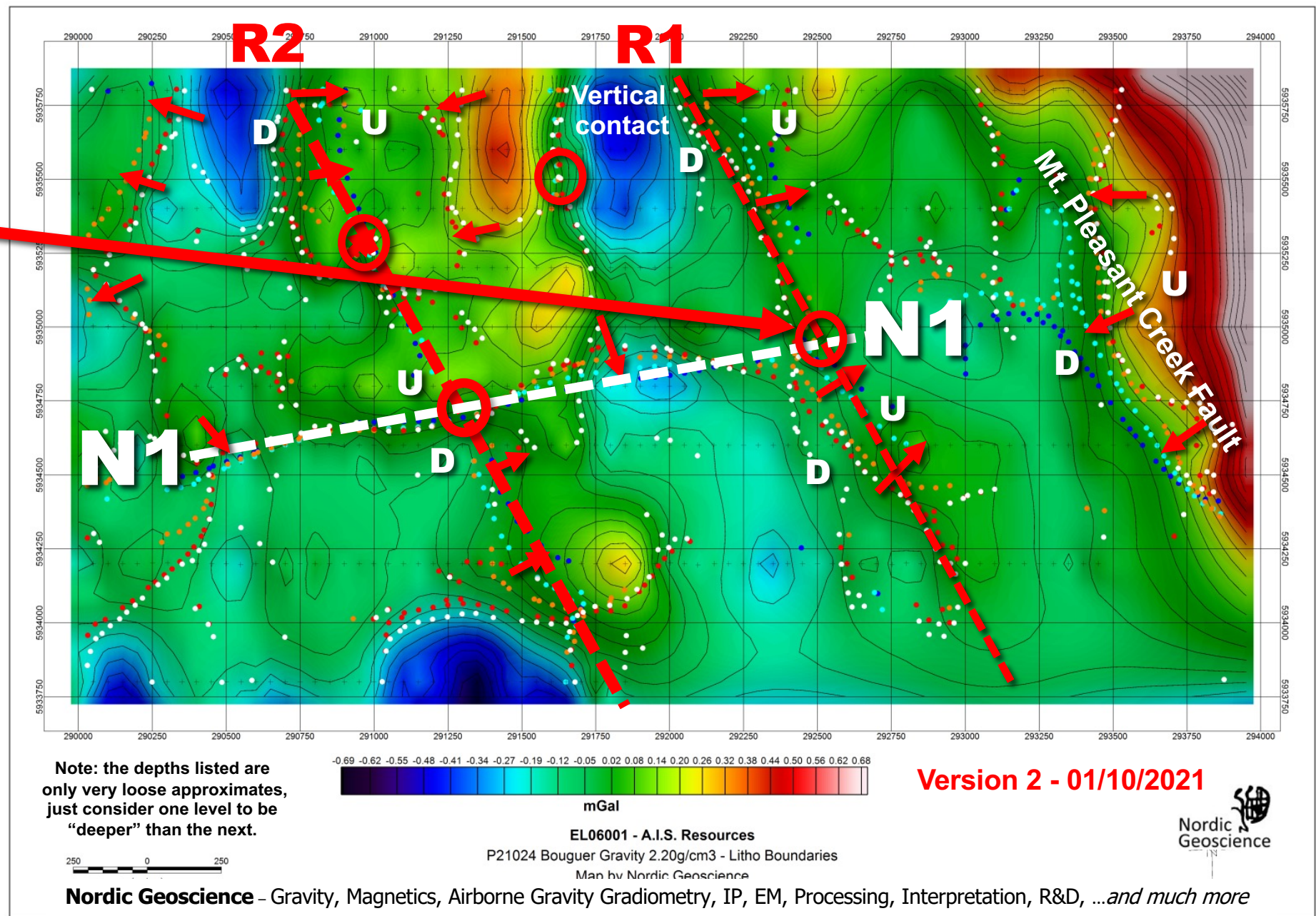
White ~ 25m

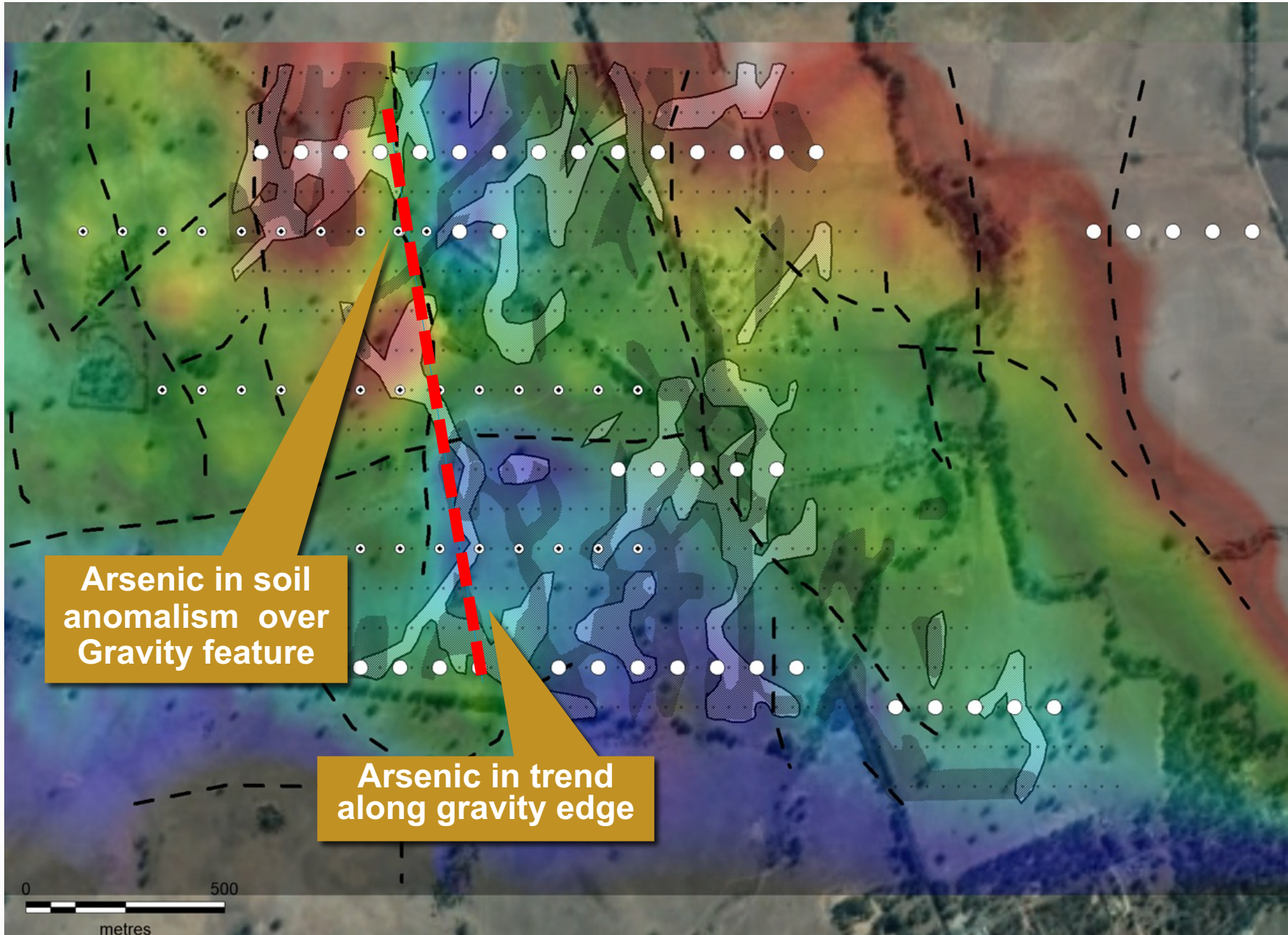
Red ~ 50m

Orange ~ 100m

Cyan ~ 150m

Dark Blue ~ 200m



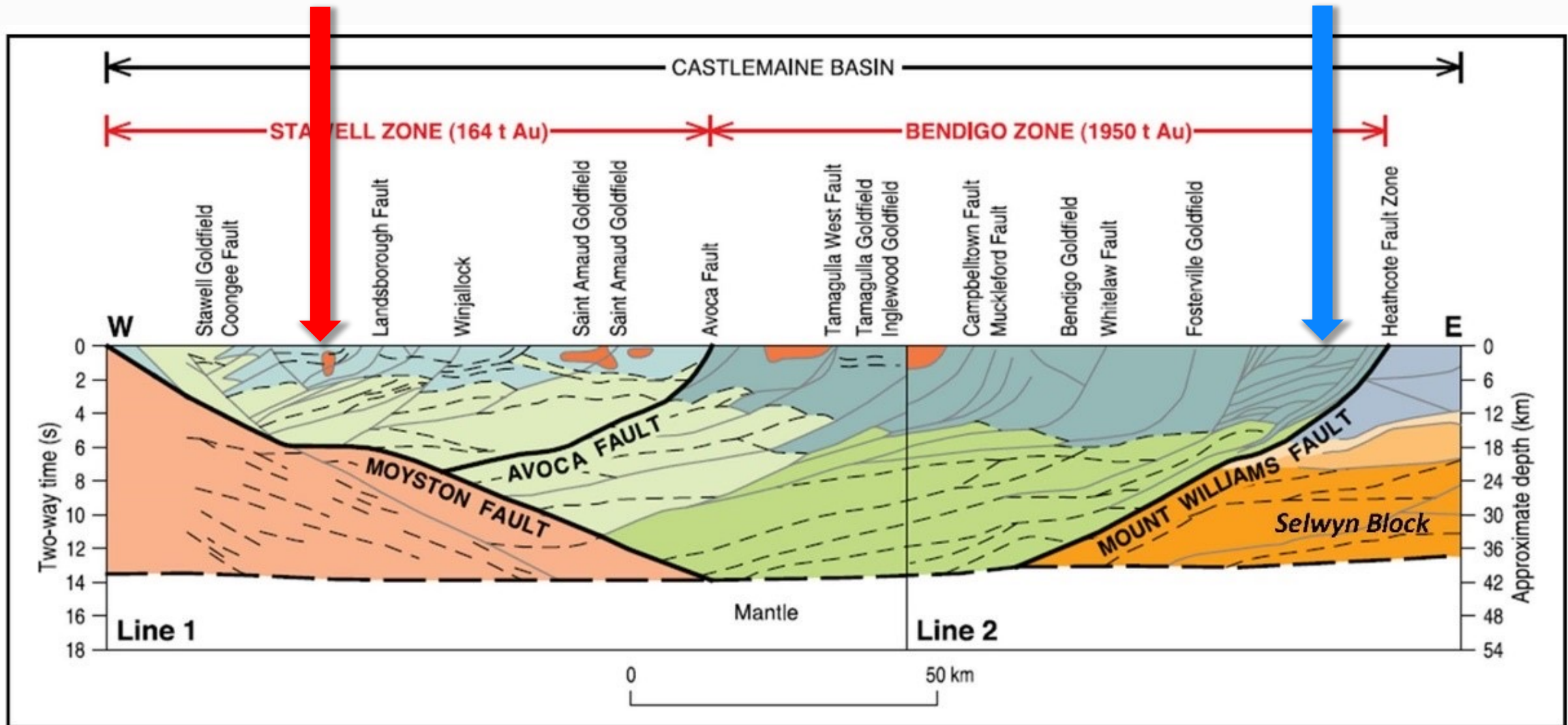


Map Description

- 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

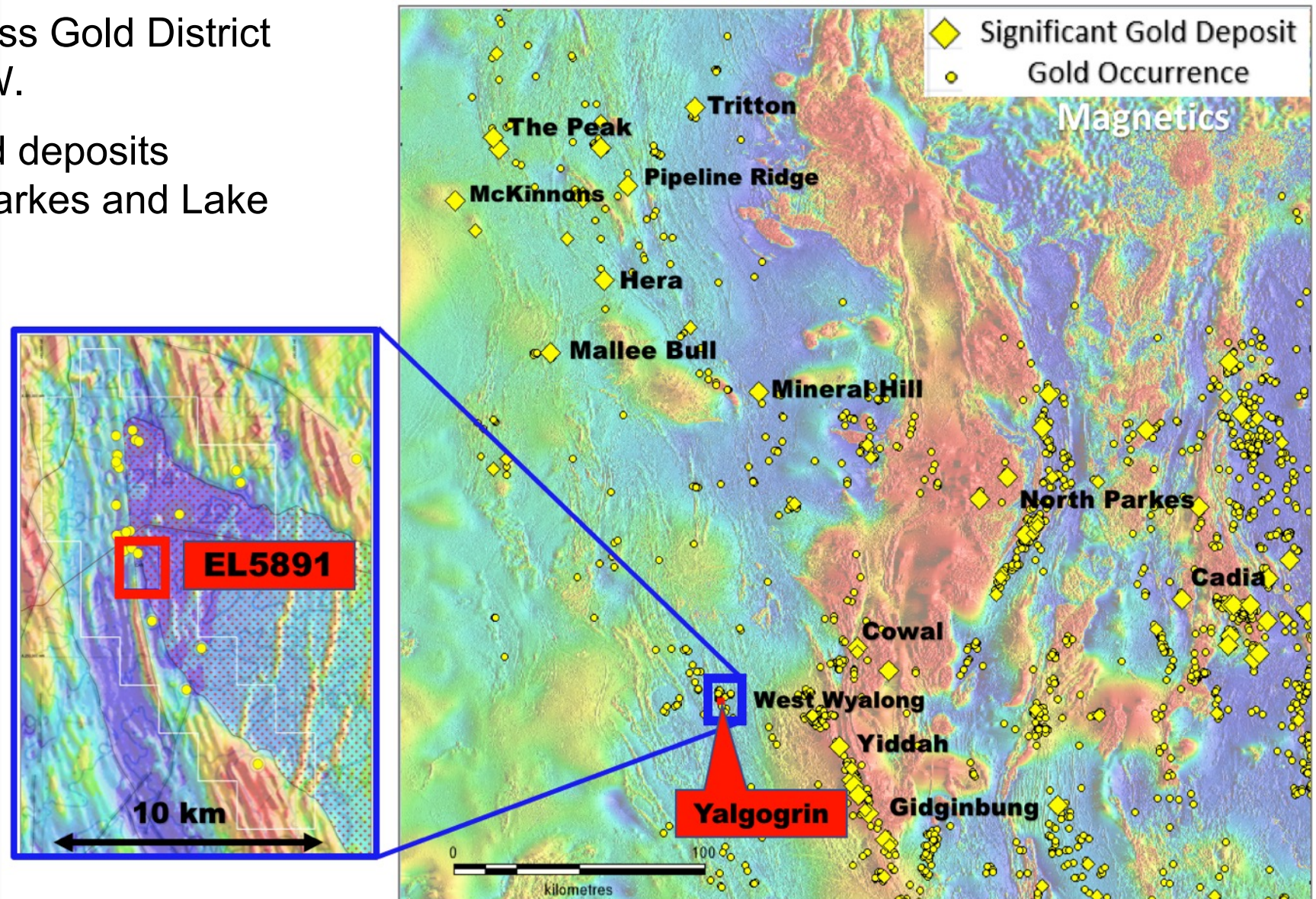




YALGOGRIN

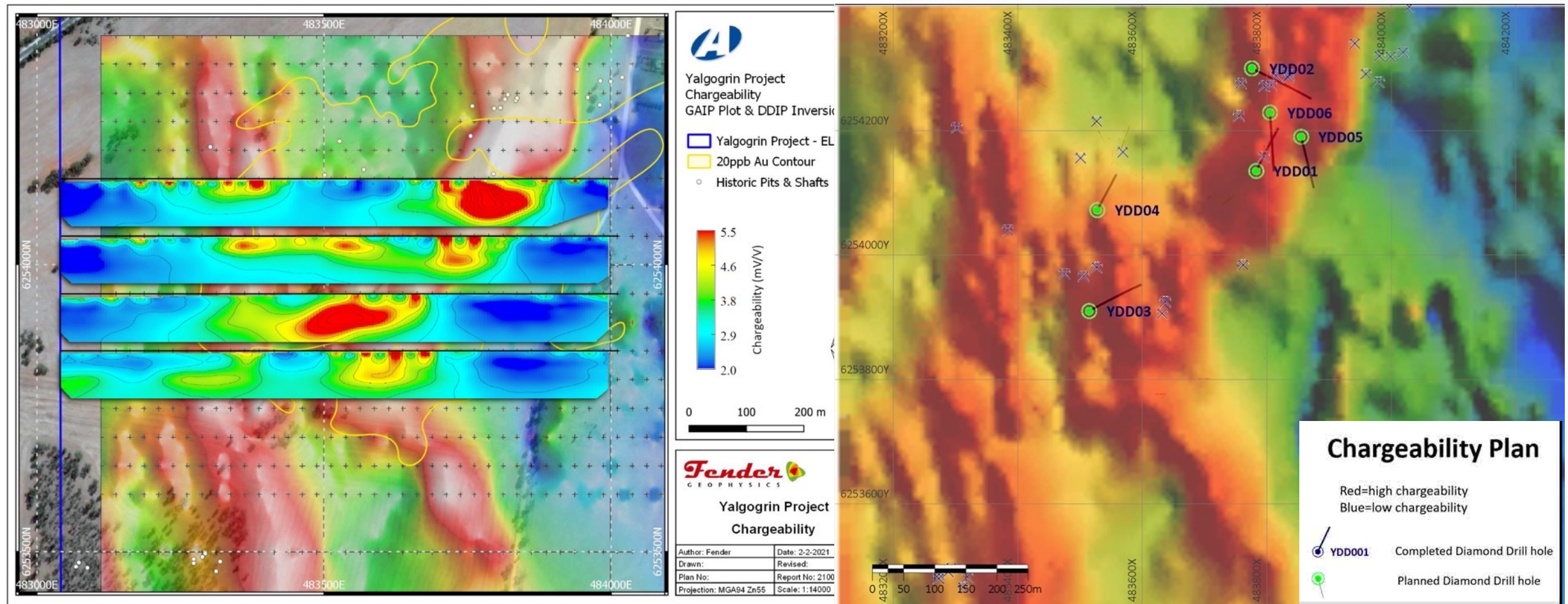
**Drill-ready advanced Gold Project in the
Historic Yalgogrin Gold Field**

- Located in the World Class Gold District Lachlan Fold belt of NSW.
- Home to world class gold deposits including Cadia, North Parkes and Lake Cowal.
- The gold mineralisation is believed to be Orogenic style.
- EL5891 covers southern portion of Yalgogrin Goldfield.
- Gold mined historically within the granite and meta-sediments close to contact.



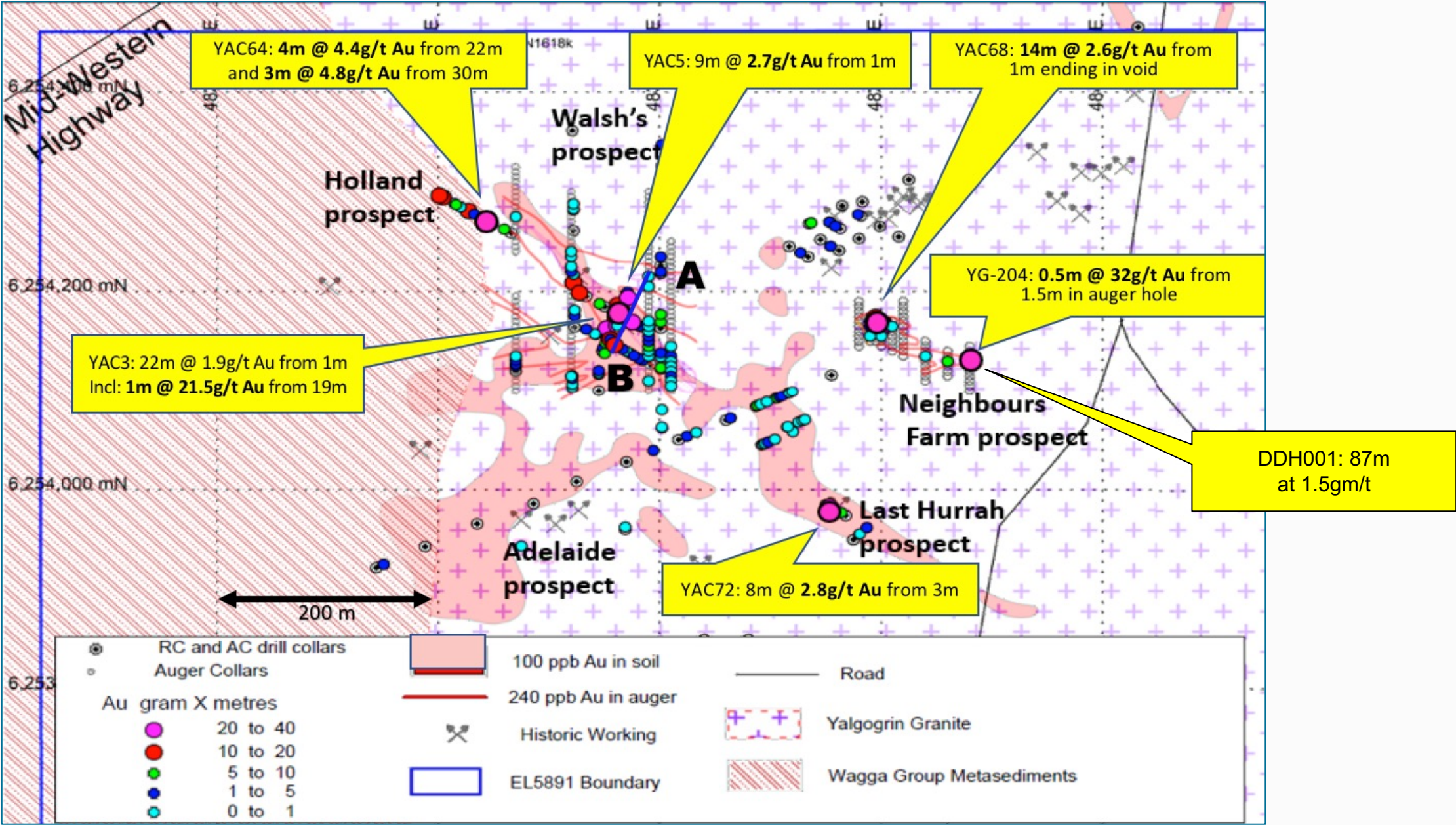
YDD01 intercepted 87m of gold at 1.5gm/t

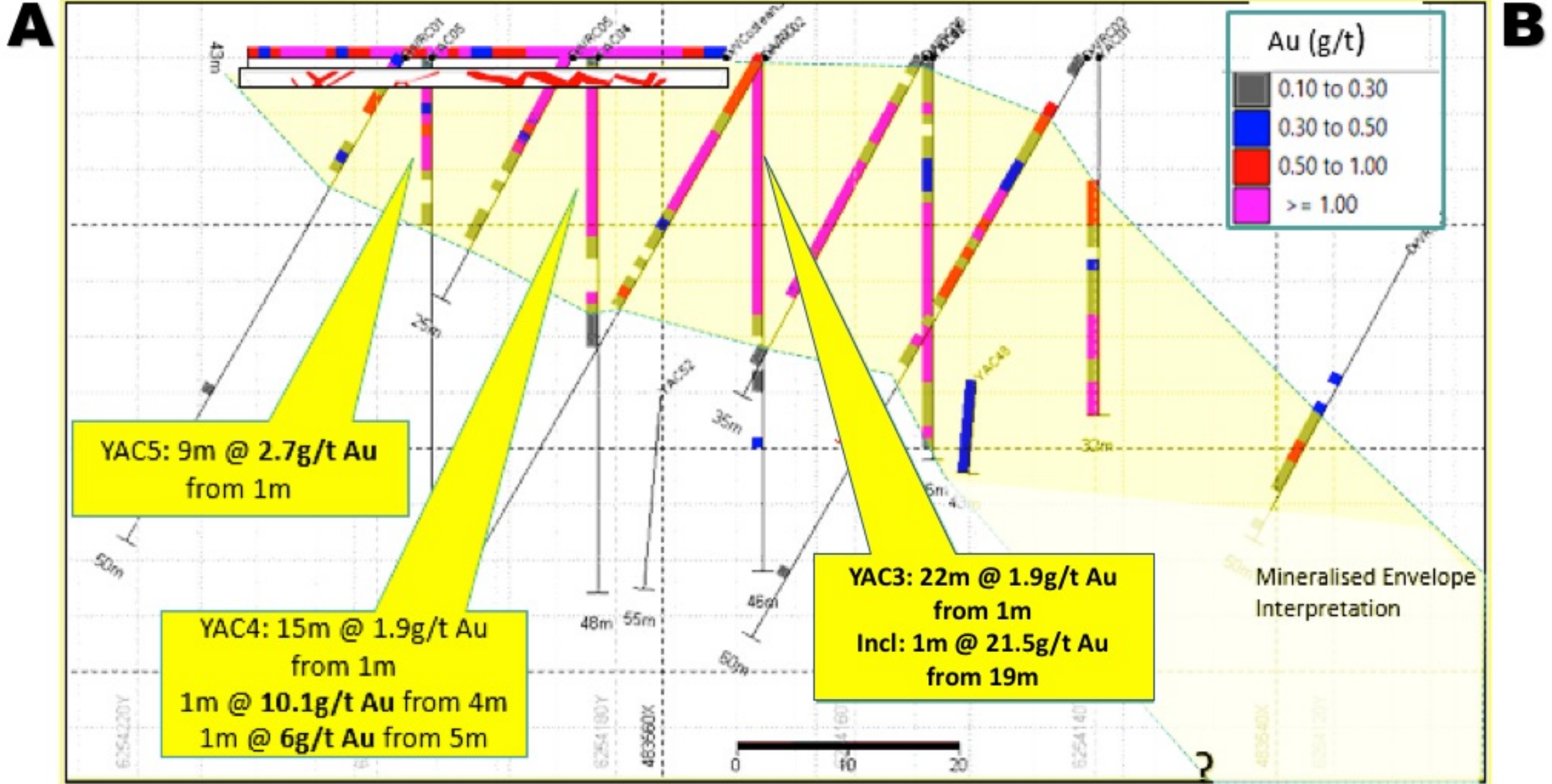
- The IP survey highlighted a significant number of highs in red with deep intersections down to 200m

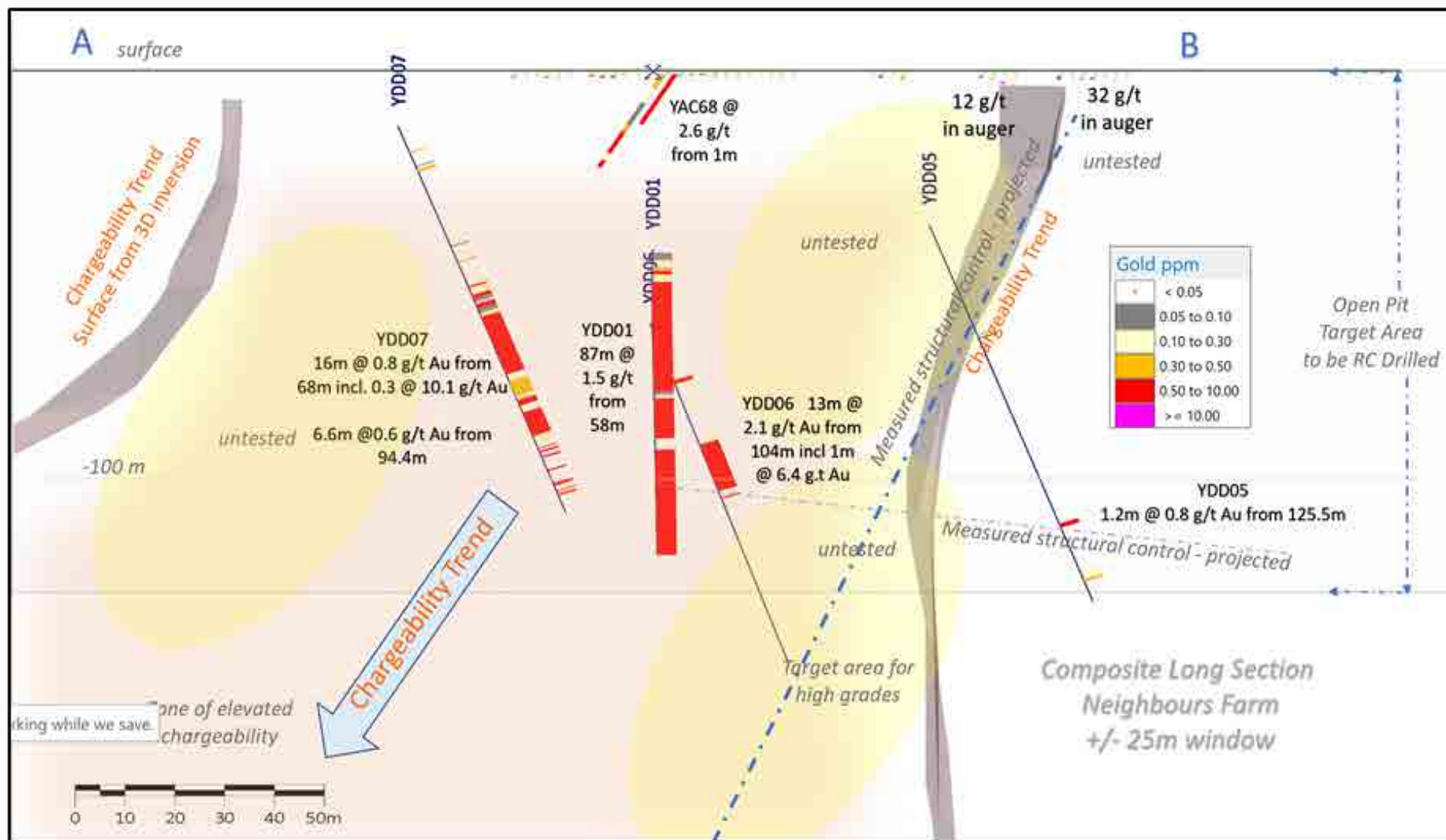


Yalgogrin Project – EL5891 Best Intercepts on Plan

TSX-V: AIS
OTCQB: AISSF







The Best Assay Results

Were returned from the Neighbours Farm drill holes which included **1m @ 6.4 g/t Au in YDD06** and **0.3m @ 10 g/t Au in YDD07**.

Assay Results

YDD06 and YDD07 were both within a broader thickness of mineralization grading between 0.6 and 2.1 g/t Au on average. True width of the gold mineralized envelope >0.3 g/t Au is variable up to 40m dipping steeply to the north-west and displays pinch and swell tendencies in the three holes so far intercepting gold.

YDD02 through to YDD07 were following up on **87m @ 1.5 g/t Au in YDD01**. YDD01 appeared to be drilled down dip of the mineralization, and this was confirmed in subsequent drilling.

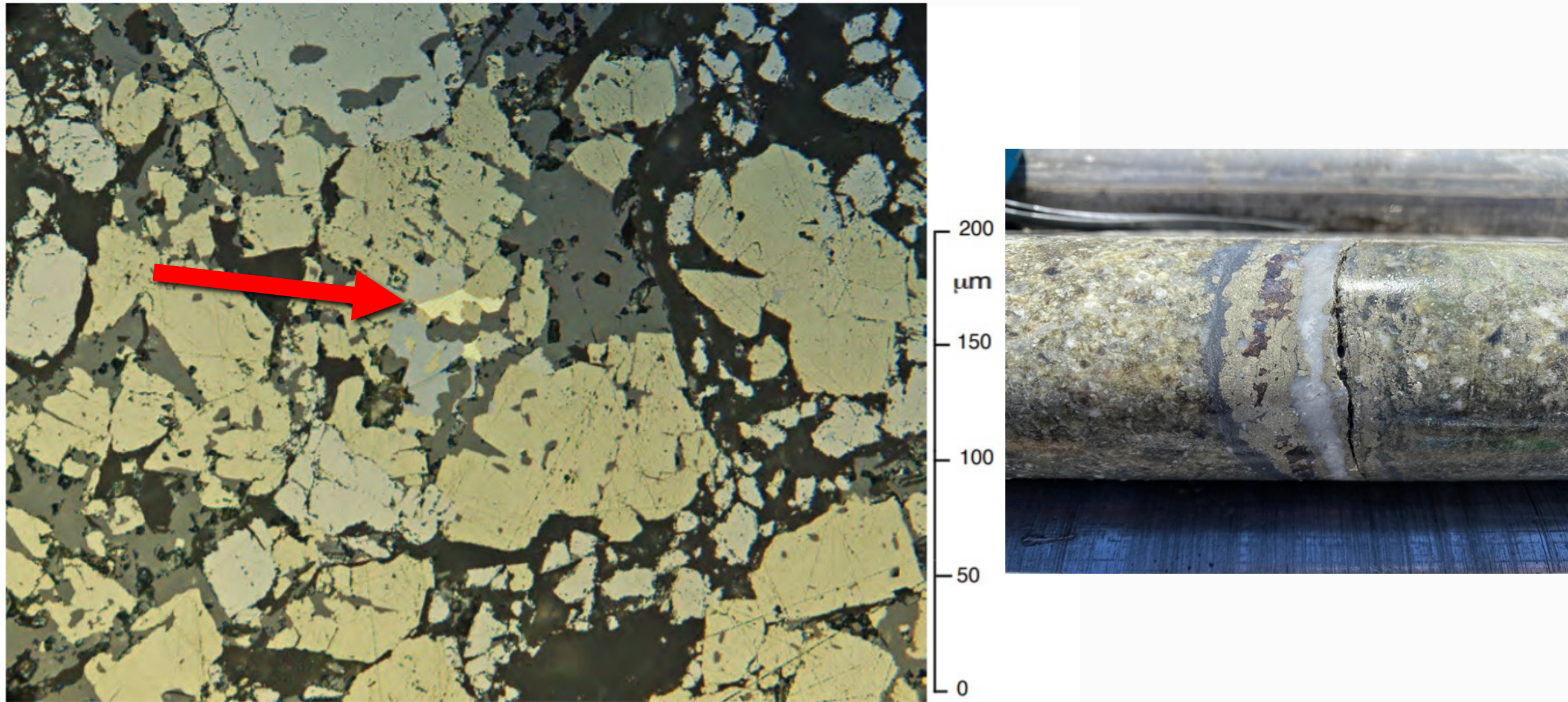


FIG 12: SAMPLE YDD1, 111,68-111.75m (Reflected plane polarised light, Obj. x50. Image PS124125). Within the sulfide-rich band at the margin of the vein, native gold grains (bright pale yellow, centre) lie in close association with pyrite (cream), arsenopyrite (white), sphalerite (dull medium grey_ and galena (pale bluish grey).

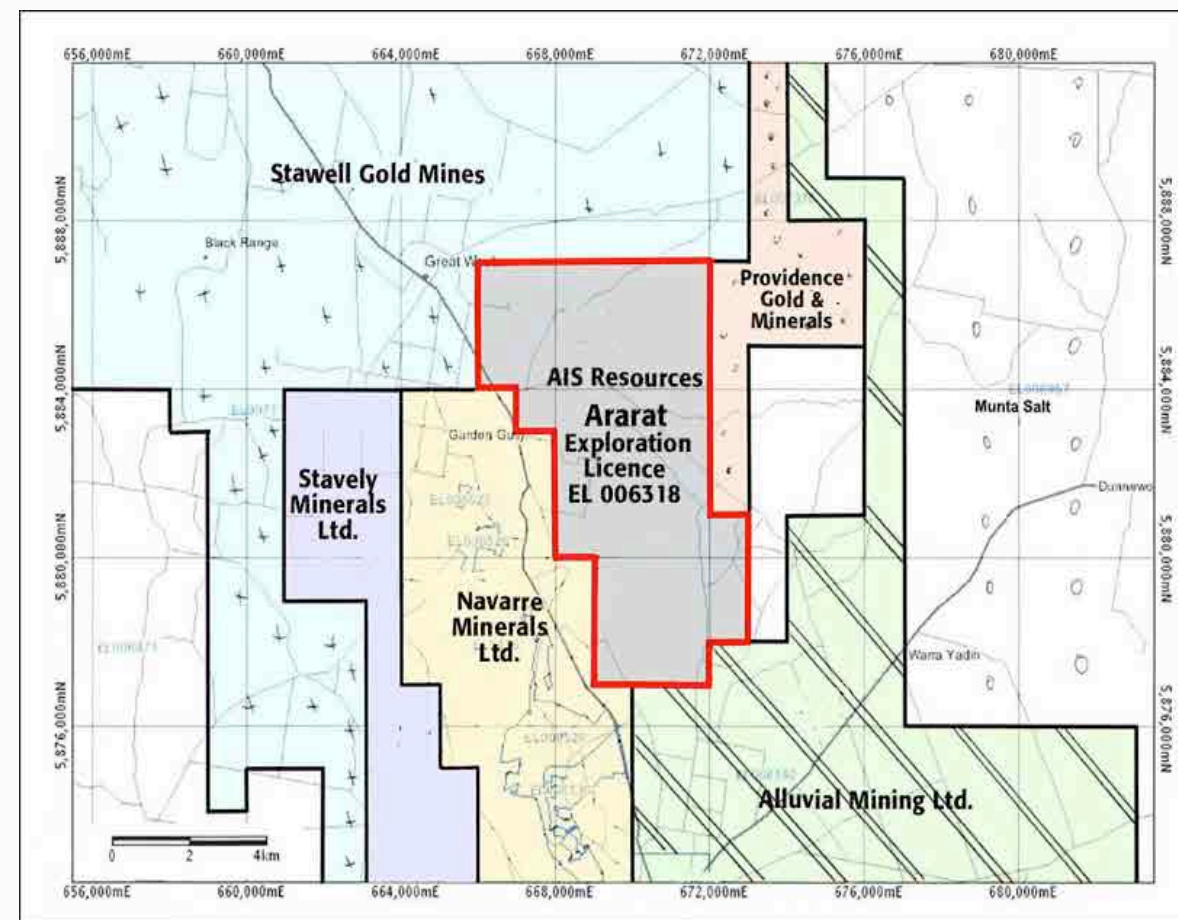
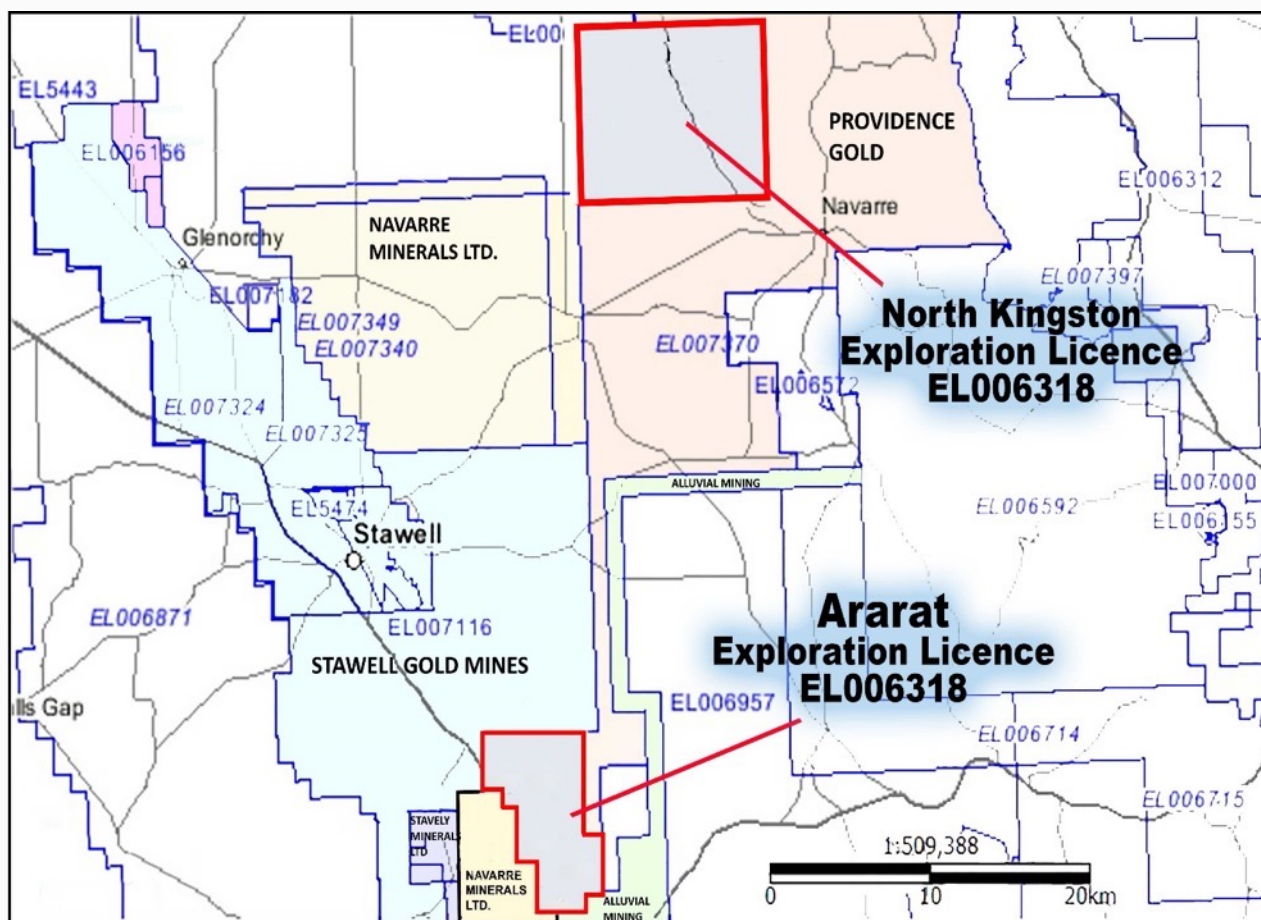
A photograph of a wooded area with a rocky stream bed and a person in the distance. The scene is filled with trees and fallen logs, with a person wearing an orange shirt visible in the lower center. The text is overlaid on a semi-transparent dark rectangle in the center of the image.

KINGSTON GOLD PROJECT

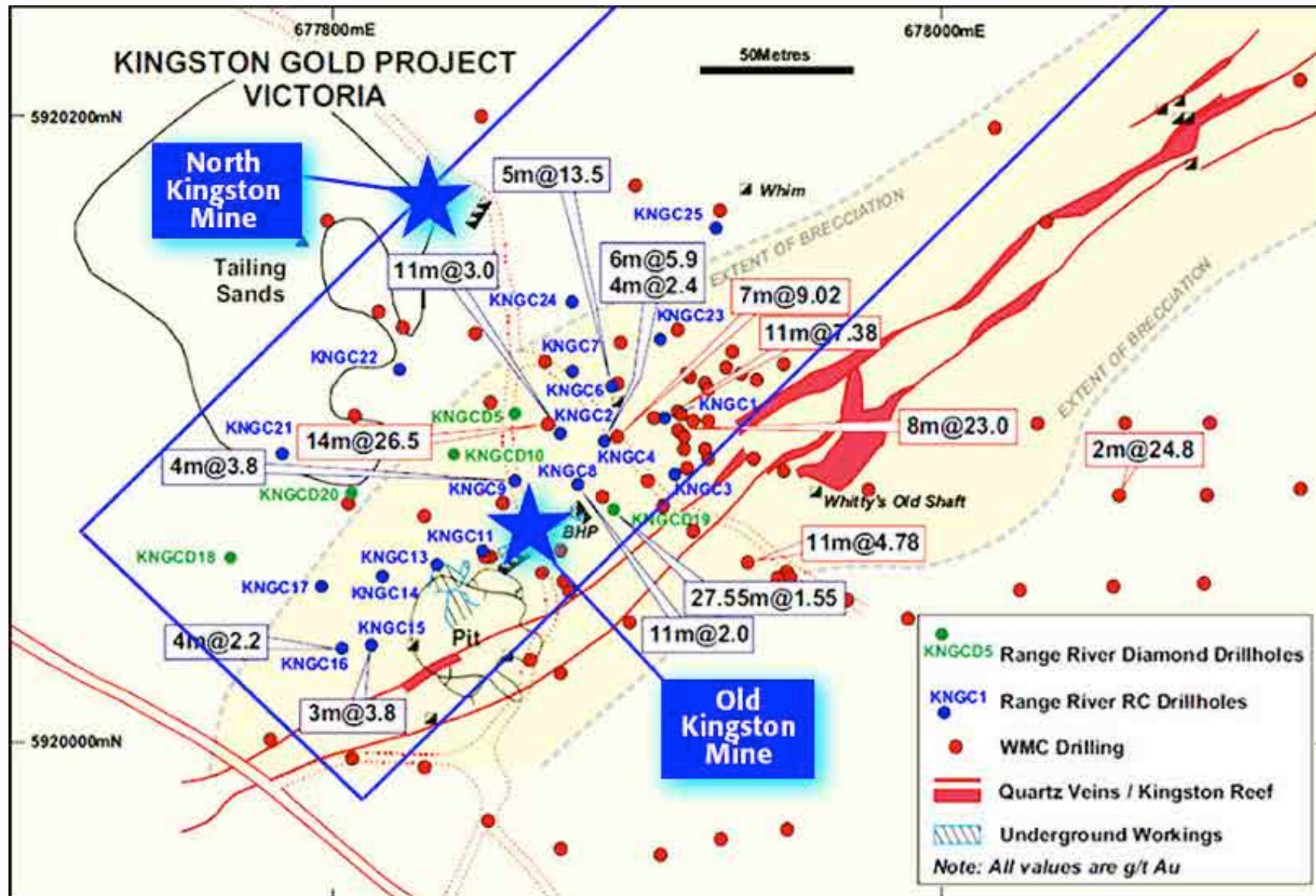
**Drill-ready 167 sq km Exploration Licence EL6318
with drill results of 16.89 g/t and 24.27 g/t Au**

The Exploration Licence EL6318 has two properties:

- The North Kingston Mine and the Ararat sections surrounded by multiple mining companies – both public and private.
- Ararat western border is flanked by the Navarre Minerals ([ASX: NML](#)) and the Stavelly Minerals ([ASX: SVY](#)) discoveries.



AIS has a 15% royalty for gold taken up to 150m around the Kingston Mine on the company's EL.



A Historically Prolific Gold Production Area

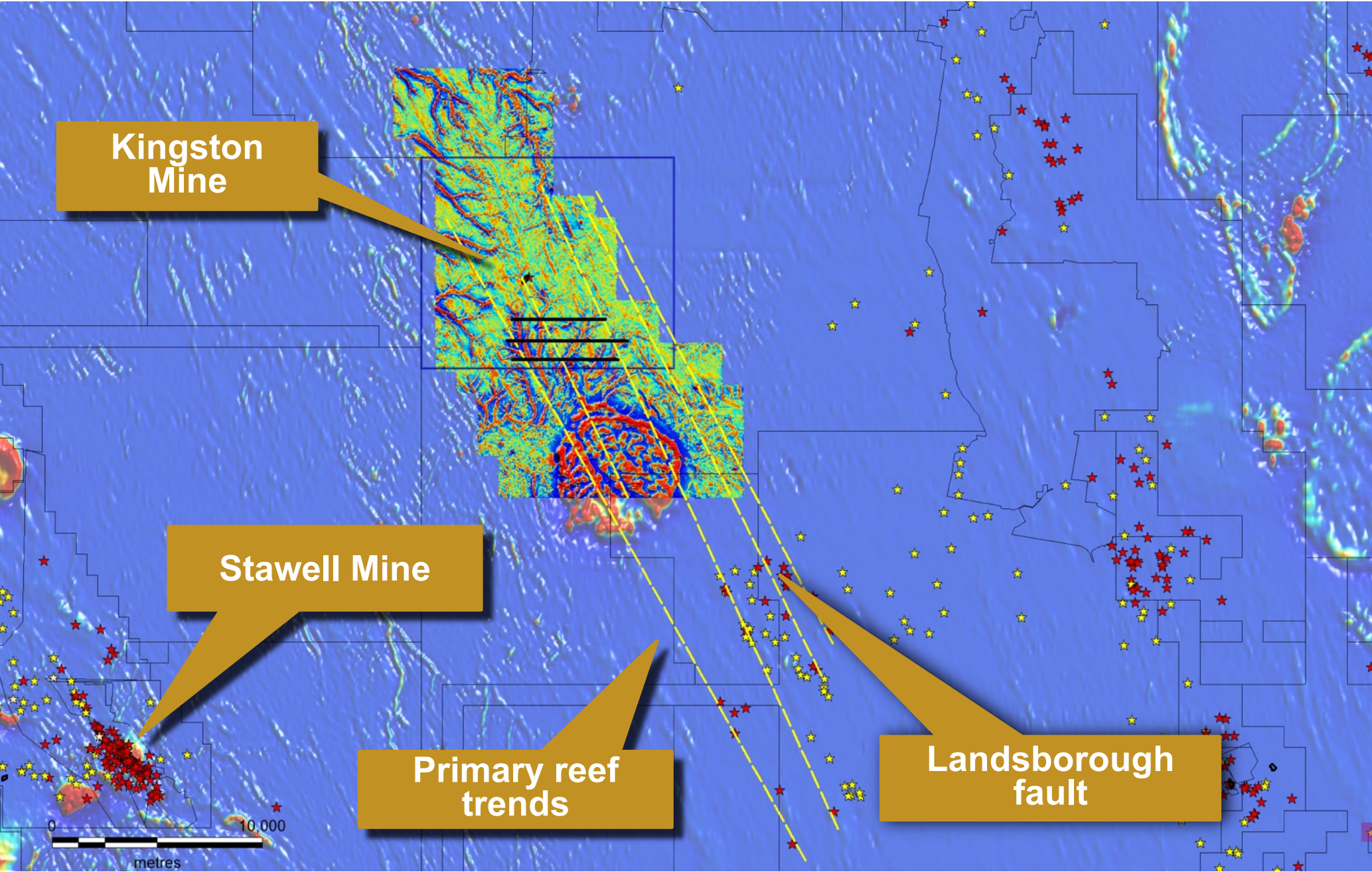
- **1900 to 1903** – The Old Kingston Mine production as estimated by the then Mining Surveyor was 2,762ozs of gold from mining 11,764 tonnes of ore at 7.3 g/t Au average grade.
- **1931 to 1932** – Previous exploration at North Kingston EL was undertaken by BHP/WMC under joint ventures with Southern 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.



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).







BRIGHT GOLD PROJECT

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

Another Historically Prolific Gold Production Area

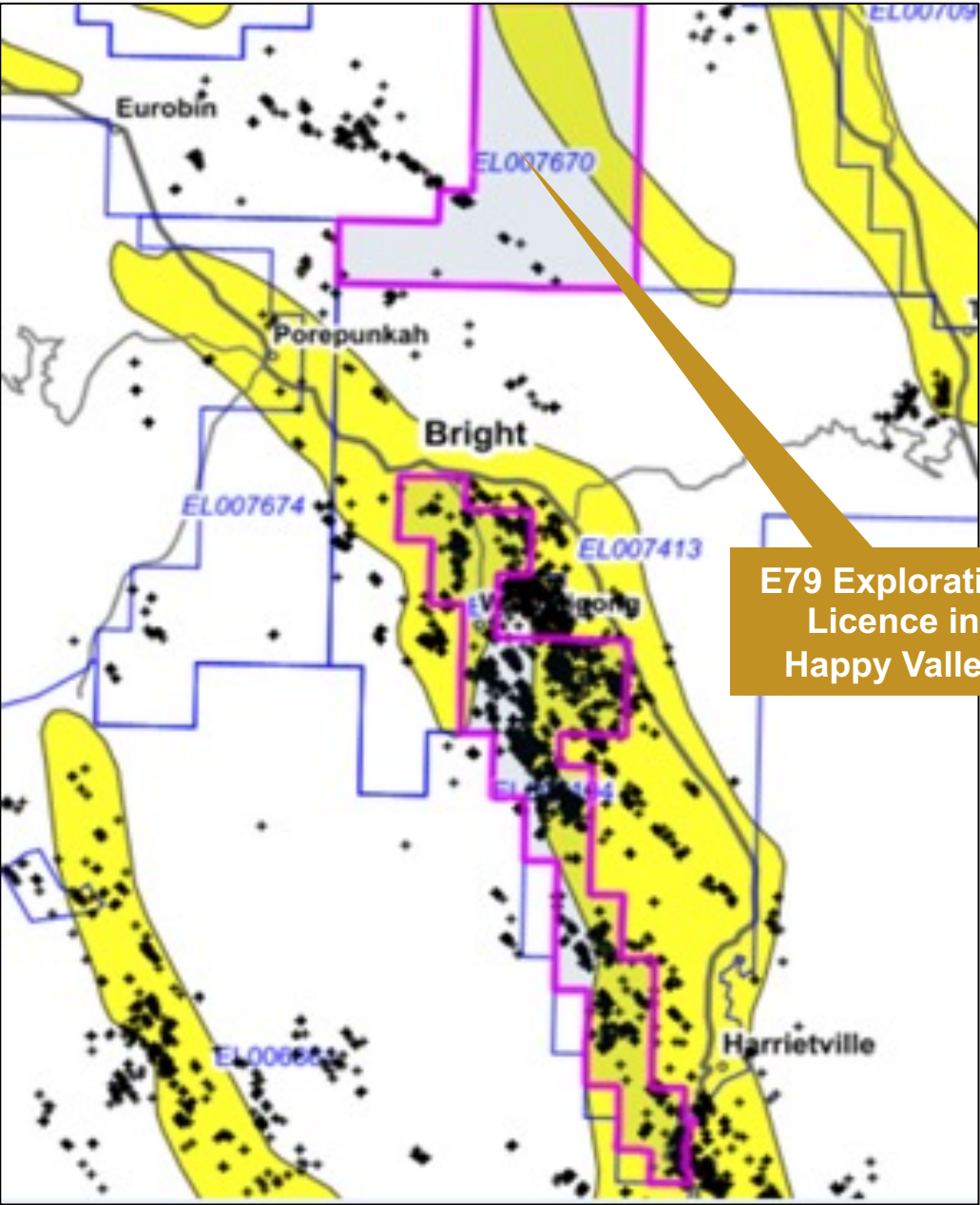
- Bright Gold Project EL006194 contains more than 250 historical gold mines, reefs (quartz veins) and gold occurrences dating back to the 1890's.
- Historically the EL006194 yielded 341,000 oz gold at grades ranging between 7-99 g/t, averaging 22 g/t Au.
- The largest producers on the Project were the Rose, Thistle and Shamrock mine @ 22.2g/t Au for 140,000 oz and the Oriental Mine @ 28g/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.

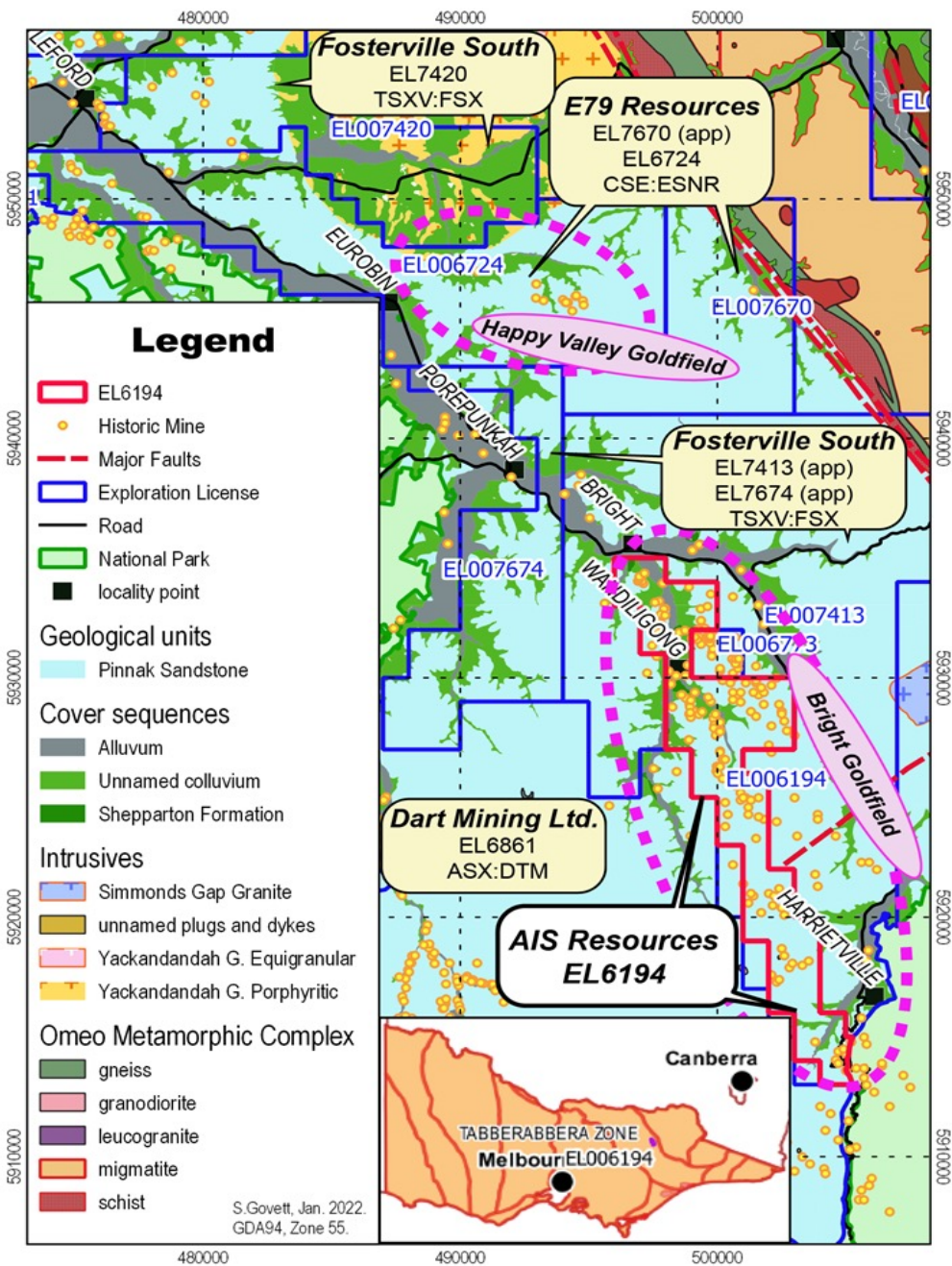


Bright Gold Project – Premium Location, Close Proximity to E79

TSX-V: AIS
OTCQB: AISSF



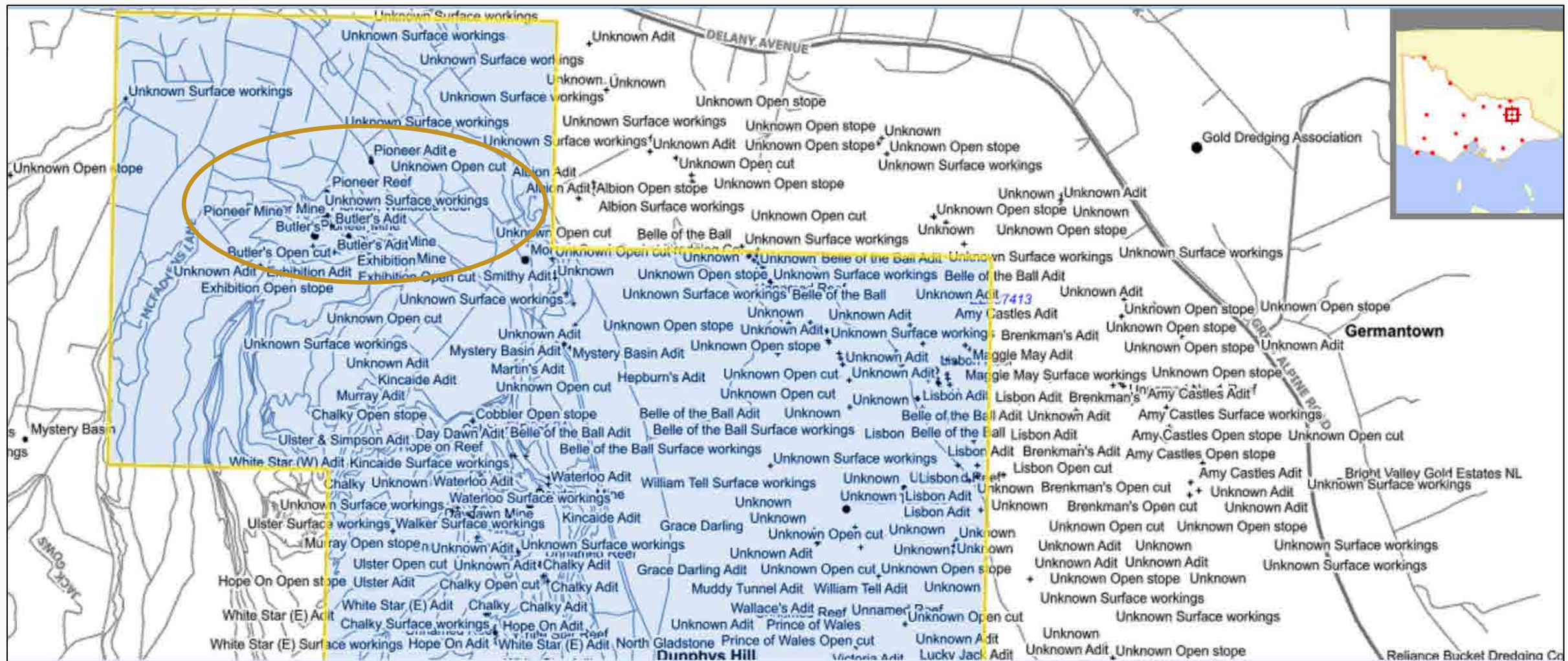
E79 Exploration
Licence in
Happy Valley



Bright Gold Project – 250 Historical Mines, Reefs & Workings

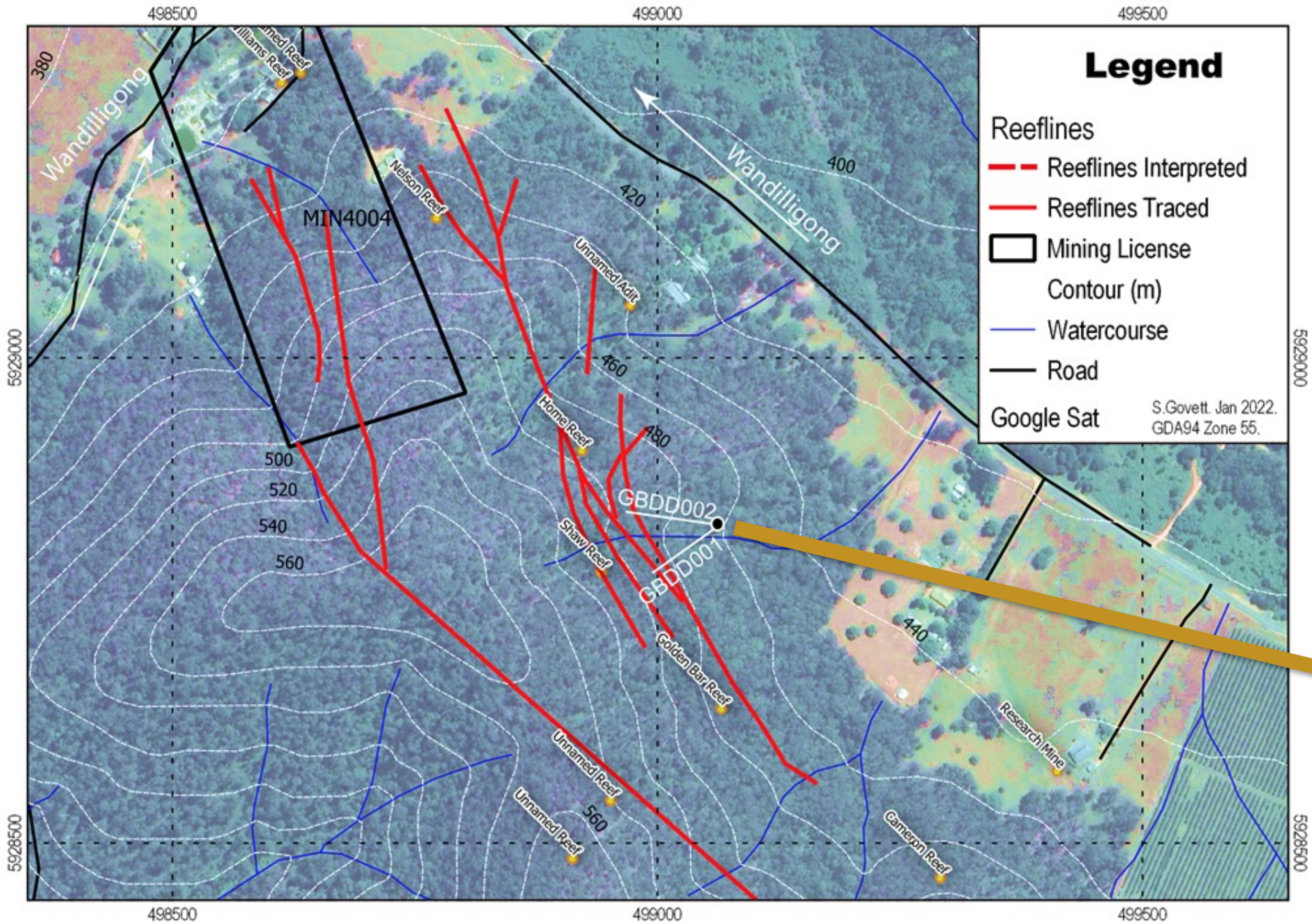
TSX-V: AIS
OTCQB: AISSF

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.



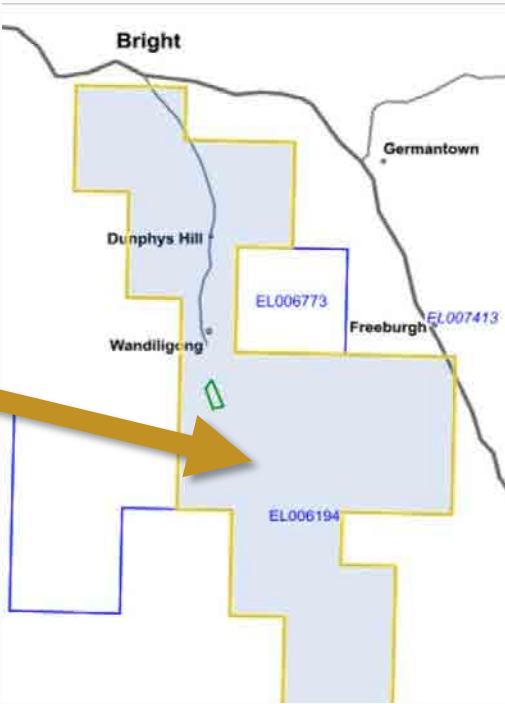
Bright Gold Project – Golden Bar Reef Drill Holes – GBDD001-002

TSX-V: AIS
OTCQB: AISSF



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 finalised in the first quarter of 2022.

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





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 arseno-pyrites.



AIS Resources' Chief Geologist Denis Walsh and Stewart Govett have 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 pyrites and arseno-pyrites.

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.



INCAHUASI LITHIUM PROJECT

JV with Spey Resources – 20% Equity interest
USD\$6m buyout if indicated resource is >45,000

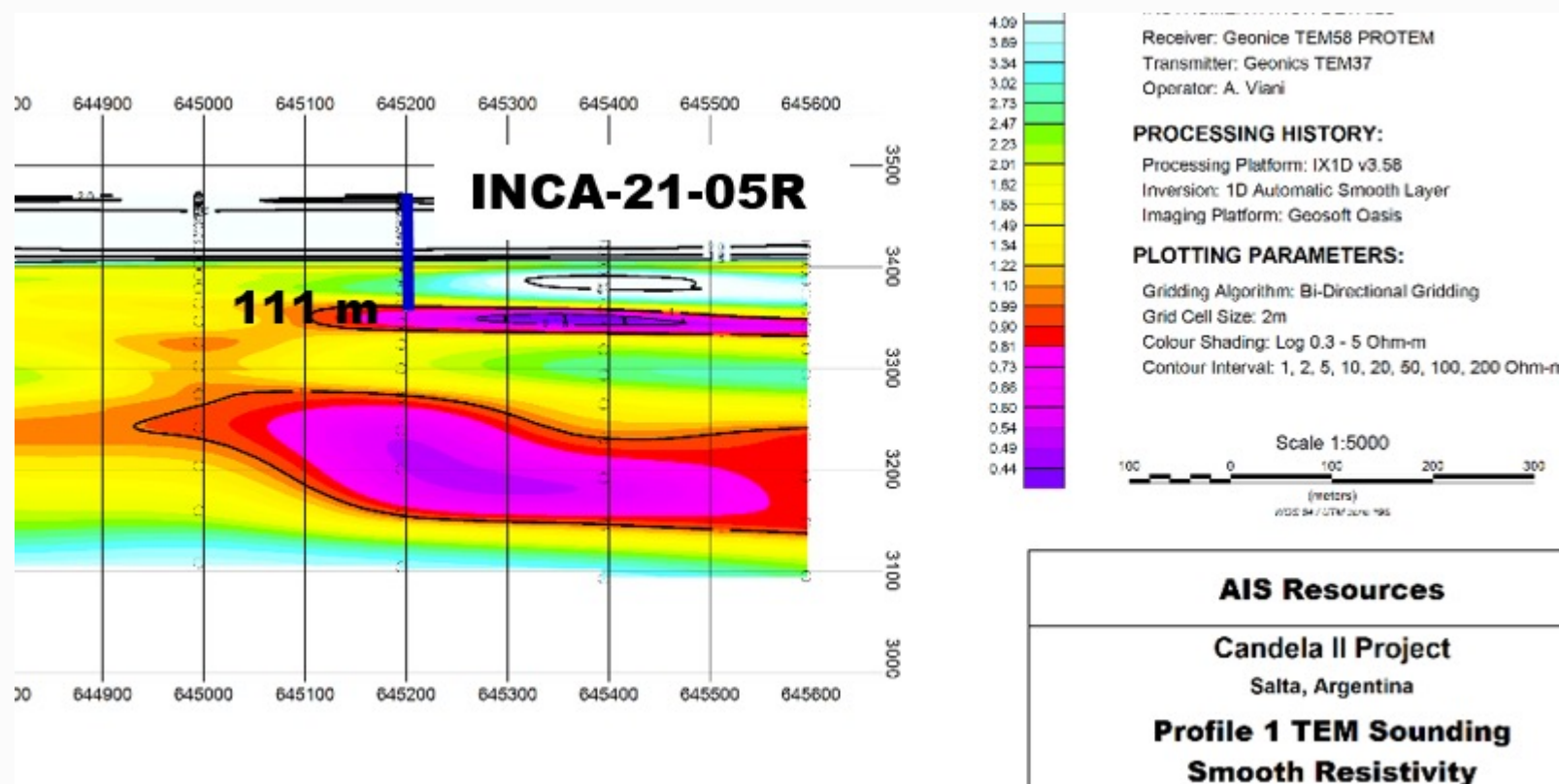


Joint Venture with Spey Resources – 20% Equity interest

- USD\$6m buyout if indicated resource is >45,000 tonnes contained lithium
- Completed 3 x 50m holes, 1 x 70m and starting 1 x 250m

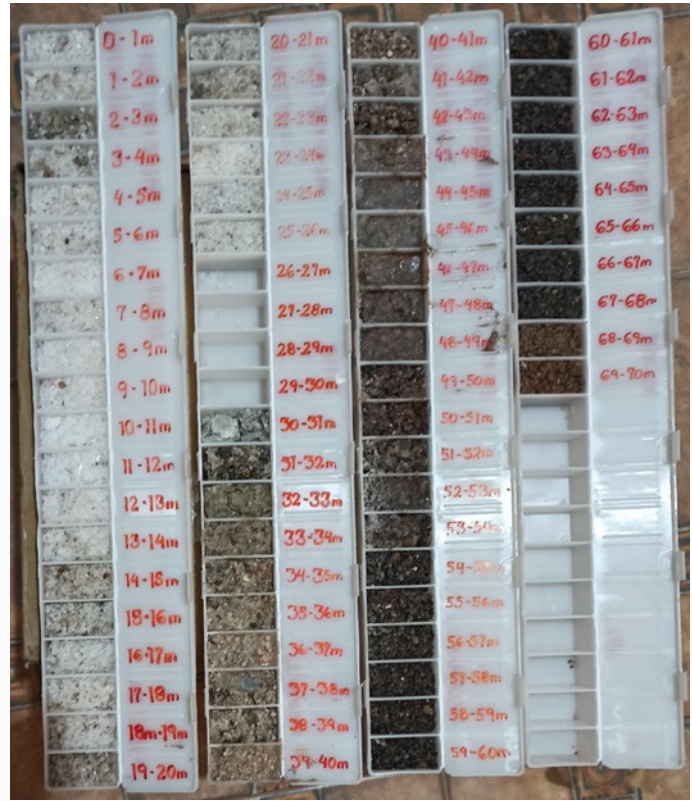
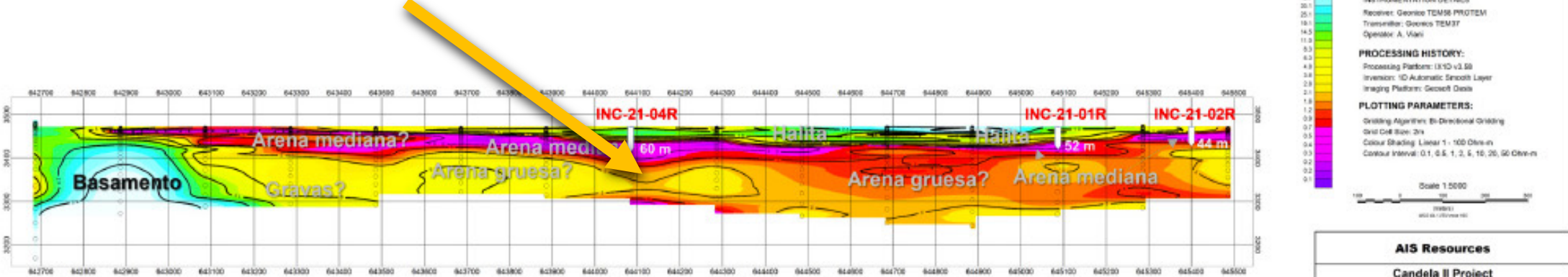


Brines coming to surface



Progress so far in hole 5

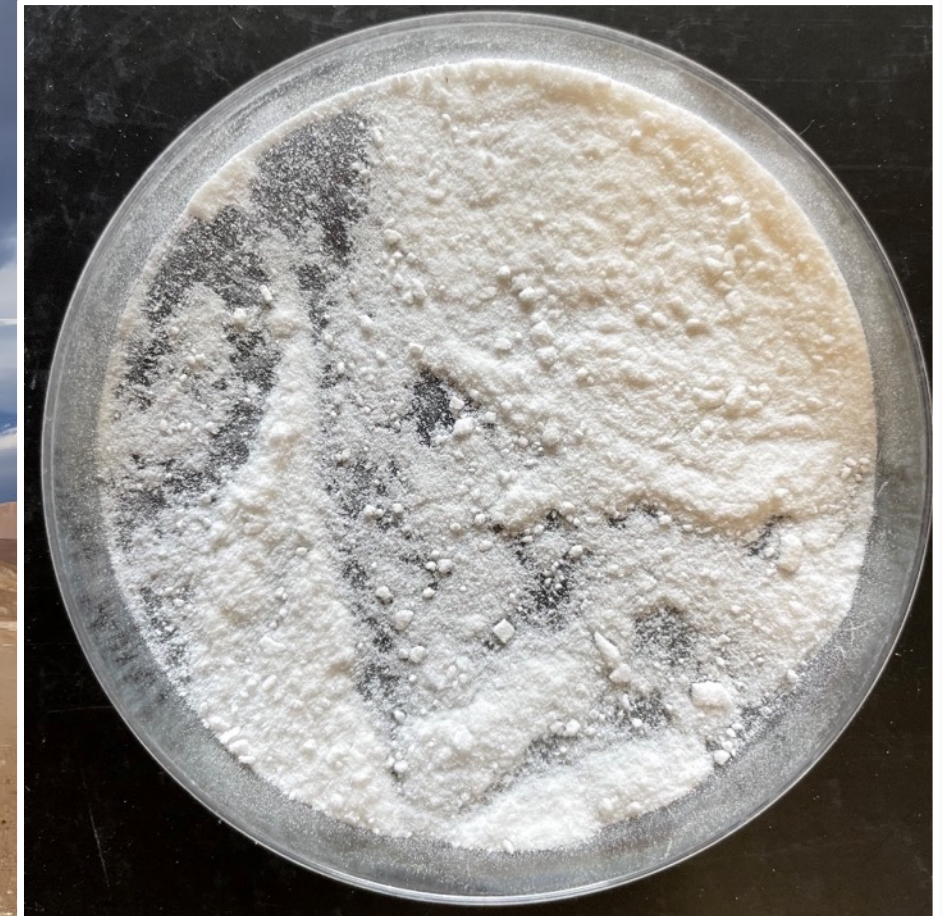
Low resistivity aquifer?



Drill Rig located at drill hole 1 site



99.5% Lithium Carbonate produced
from surface brine samples using
Ekosolve® Process



The background of the slide features three silhouetted figures of workers wearing hard hats, standing and looking out over a landscape under a clear blue sky. The figures are positioned in the center of the frame, with the central figure slightly ahead of the other two. A semi-transparent dark grey rectangular box is overlaid on the lower half of the image, containing the text.

MANAGEMENT

**Experienced Exploration & Development Team
and Share Structure**

Martyn Element – Chairman of the Board, Director

- Founder and President of Element & Associates – 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 he worked with.
- Cultivated extensive network and developed strong working relationships with brokerage firms, specialized funds and high net worth individuals around the world – for private and public equity financings.
- Was responsible for successfully advising 17 and listing 12 Australian public companies in Canada.
- Prior to forming Element and Associates in 1989, he gained experience in the public financial markets as a stock broker and subsequently as a director of corporate finance in Canada.

Phillip Thomas, BSc Geol, MBusM FAusIMM MAIG MAIMVA (CMV) – President & CEO

- A specialist in finance and capital raising, management of mining companies, planning, development and management of mining projects, having established a number of significant gold, lithium and iron ore exploration and mining projects in Mexico, USA, Chile, Argentina, Arizona and Australia. He joined the ASI Resources in 2016 as COO and became CEO in 2018.
- He has deep experience in geological exploration in the gold, copper, lithium brines and iron ore sectors.
- Past positions include: Exploration Director and CEO of Admiralty Resources from 2003-2008, CEO of Lithea Inc Pozuelos lithium project in Argentina 2009-2011, CEO and exploration director of Arrowstar Resources Ltd until 2016.
- Gold projects include Nazca San Pedro mine, a gold porphyry mesothermal deposit in Peru in 2010, completed an extensive review in 2014 of the Secret Pass Tin Cup gold mine in Arizona USA where 127 drill holes had been completed. In 2016 Phil worked on IRL Limited's massive gold mine in Peru with a stated JORC resource of 1.1 million ounces of gold at Indicated and Measured estimate.
- In 2017 Phil investigated the Julian Gold mine in California USA and wrote a NI43-101 compliant report for the vendors.
- From 2008 to 2018 Phil has reviewed and visited more than 15 gold mines in Peru, Arizona, Alaska and Papua New Guinea and has a substantial amount of research and exploration data.
- In 2003 Phil explored and built the small scale lithium carbonate plant in Rincon Salar, Argentina, then 2009 as CEO of Lithea Inc. explored the Pozuelos Salar, then in 2016 explored and drilled the Salinas Grandes, Pocitos and Guayatayoc salars, and explored the Incahuasi and Vilama salars. He is also a shareholder in Ekosolve Limited that provides Direct Lithium Extraction Technology using solvent exchange.
- Phillip holds a Masters Business Marketing degree with high distinction from Monash University, a Bachelor of Science (Geology) degree and a Diploma in Finance. He is a member of the Australian Institute of Geoscientists, a Fellow of the Australasian Institute of Mining and Metallurgy and a certified Mineral Valuer with the Australasian Institute of Mineral Valuers and Appraisers.

Kiki Smith – CFO, CPA CGA, Director

- Over 20 years experience assisting private and public companies in the roles of accountant, corporate controller and chief financial officer in mining, oil and gas, real estate, high technology, food production, and investment fund management.
- Member of the Chartered Professional Accountants of British Columbia with Bachelor degree in economics.

Anthony Balme – FCA Independent Director

- An active participant in a number of public and private ventures with a focus on early stage opportunities in the resource sector.
- He is the Chairman of Carter Capital Ltd., Lymington Underwriting (insurance) and Alton Resource Corporation.
- In the public sector, he is Chairman of Forum Energy Metals listed on the TSX and formerly of Ortac Resources (AIM).

Geological Management Team

Dr. Rod Boucher, BSc Geol, PhD Geol, Advisory Board Member

- Toolleen vendor and world-class Victorian goldfields geologist living in Bendigo.
- Since 1997 working on turbidite-hosted gold deposits at Fosterville, Bendigo, Ballarat and numerous smaller deposits.
- Specialist in grass-roots exploration, including mapping, geophysics, geochemistry, drilling.

Stewart Govett, BSc. Geology, MAIG, Geological Advisor / Consultant

- Stewart has a 15 year career and is a specialist in gold mining and exploration in in central Victorian orogenic gold systems with both mining and exploration.
- From self-directed research into historical data and current exploration programs he has been able to generate many prospects based on combined structural modelling and geochemical analysis being tested with current drilling.
- With his local knowledge and experience comes a ready work path of prospect generation from evolving integrated work paths sourced through experience and research.
- His experience encompasses a range of other polymetallic provinces or regions operated for both private and publicly listed companies. These provinces include Pilbara (LCT pegmatites), Stavley Zone (epithermal and orogenic gold), Bendigo Zone (epizonal, and mesothermal gold), Melbourne Zone (epizonal gold), Western Victoria paleoplacer (mineral sands), and Tabberabbera Zone (mesothermal- 'Bendigo Zone style').
- Stewart is Principal Geologist for ExAct Geosciences and holds a 40% interest indirectly in EL006194.

A.I.S. Resources Limited – Capital Structure – February 2022

			POSSIBLE PROCEEDS
ISSUED AND OUTSTANDING			SHARES
			177,975,409
EXPIRY DATE	PRICE	WARRANTS	\$ CAD
20-Jun-26	0.15	6,060,000	909,000
14-Jan-26	0.15	4,000,000	600,000
9-Jul-23	0.12	11,071,500	1,328,580
29-Jan-23	0.12	16,408,000	1,968,960
26-Feb-22	0.12	12,622,222	1,514,667
01-Dec-22	0.10	18,970,000	1,897,000
18-Aug-22	0.08	27,833,333	2,226,667
23-Dec-22	0.05	5,000,000	250,000
			101,965,055
			\$ 10,694,873
EXPIRY DATE	PRICE	OPTIONS	\$ CAD
12-Nov-26	0.05	1,100,000	55,000
9-Jul-26	0.08	2,500,000	200,000
11-Jan-26	0.08	616,667	49,333
7-Jan-26	0.08	2,250,000	180,000
2-Nov-25	0.065	200,000	13,000
2-Oct-25	0.075	1,150,000	86,250
25-Aug-25	0.07	2,115,000	148,050
23-Sep-24	0.12	500,000	60,000
23-Jul-24	0.10	3,130,000	313,000
17-Aug-23	0.20	950,000	190,000
24-Nov-22	0.20	1,040,000	208,000
24-Nov-22	0.91	670,000	609,700
25-Aug-22	0.20	175,000	35,000
14-Feb-22	0.20	110,000	22,000
14-Feb-22	0.68	150,000	102,000
			16,656,667
			\$ 2,271,333
FULLY DILUTED			296,597,131
			\$ 12,966,207

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Chairman of the Board, Director

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melement@aisresources.com

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