



ECR Minerals (LON:ECR)

The search for the Next Multi-Million Ounce
Gold Discovery

Nov/Dec 2022

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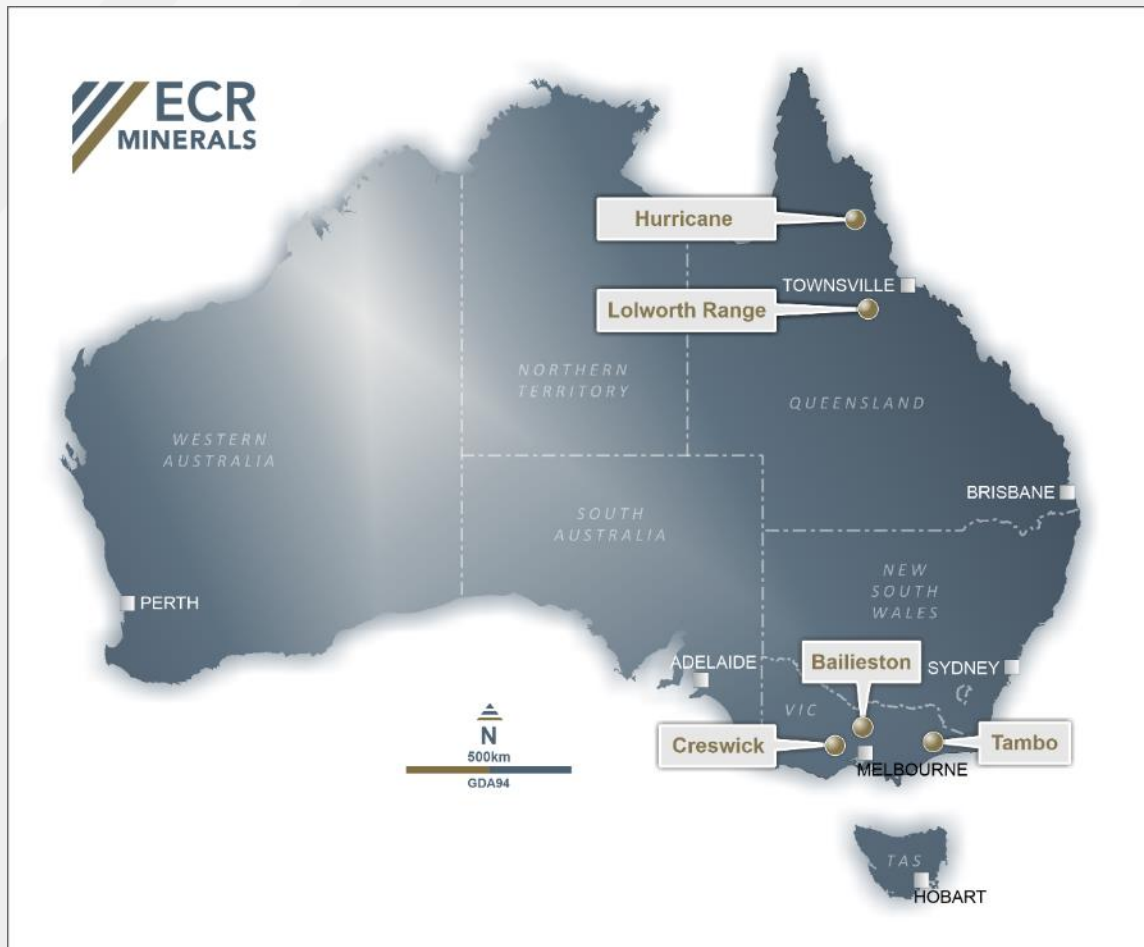
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Why Australia? Discovery is our Focus



- Home to some of the world's highest-grade producing gold mines.
- ECR is building on its excellent land holdings
- Fosterville (Vic) produces 509,601 ounces with head grades approaching 23.7g/t. (2021)
- Australia is ranked 2nd in global mining investment attractiveness (Fraser Institute annual 2019 survey).

Experienced Board



/ Andrew Haythorpe
Chief Executive Officer

Andrew has over 20 years managing listed gold miners and explorers on the ASX and TSX markets as well as working as a mining analyst and exploring for gold as a geologist. As Managing Director of TSX and ASX-listed Crescent Gold Limited, Andrew developed the company from an \$8 million gold explorer to a \$250 million gold producer within four years. He was also Managing Director of top performing ASX-listed gold producer Michelago Resources. As an analyst, Andrew was considered a global leader in the Industrial Minerals sector and rated 12th best gold analyst whilst at Hartley Poynton Ltd.



/ David Tang
Non-Executive Chairman

David Tang was previously the President of China Nonferrous Metals Int'l Mining Co. Ltd. (CNMIM) and the Managing Director of China Nonferrous Gold Ltd, an AIM-listed company. China Nonferrous Gold was focused on the Pakrut gold mine in Tajikistan, where first gold was poured in 2015. Mr Tang has previously served as a director to African, South-east Asian and Australian mining and exploration companies. Mr Tang graduated with a Bachelor of Science degree (1988) majoring in computer science from Central-South University, China and holds a Master of Science degree (1991).



/ Adam Jones
Executive Director

Adam Jones is a geologist with over 10 years experience in both mine and exploration geology, mostly in gold. Adam specialises in high-grade narrow vein gold deposits, which Victoria, Australia is well known for. Mr Jones holds a Bachelor of Science degree (2009), majoring in Geology from the University of Ballarat and also completed first class honours at Adelaide University (2010). Adam resides in Central Victoria.



/ Dr Trevor Davenport
Independent Non-Executive Director

Dr Davenport obtained a BSc (Hons) Geology at Southampton University, then his MSc in Mining Geology and Mineral Exploration in 1967, and a PhD in Geology & Exploration Geochemistry at Leicester University in 1970. In 1971 he attained the title of Chartered Engineer after becoming a Member of The Institute of Mining and Metallurgy. Trevor has 63 years experience in the geological and mining industry working as an underground miner, exploration geochemist, exploration and mine geologist and as a lecturer to post-graduate mining geology students at the University of Leicester.

Trevor was a director, the exploration manager and chief geologist for Nelson Gold's, Zeravshan Gold Company in Tajikistan from 1994 until end of 1996. From 2004 until 2011 he was Non-Executive Chairman and director of Kryso Resources Plc. Today Dr Davenport is a director at Brix Investments Limited and is also President of the Alderney Society and a director of the Alderney Journal.



/ Andrew Scott
Non-Executive Director

A strategic communications specialist, Andrew is well-known for his extensive body of work across key global markets, interviewing hundreds of CEOs and fund managers on their sector outlook, strategy and broader economic perspectives. Andrew has worked at Proactive Investors, Sky World News, Reuters and as an editor on ITV Breakfast.

Share Capital Structure & Major Holders

Major Shareholdings by Registered Shareholder

Shareholder	Units	% of Units
Barclays Direct Investing Nominees Limited <Client1>	133,862,889	12.58
Hargreaves Lansdown (Nominees) Limited <15942>	113,671,066	10.68
Interactive Investor Services Nominees Limited <TDWHSIPP>	107,432,210	10.09
Interactive Investor Services Nominees Limited <SMKTISAS>	89,544,975	8.41
Interactive Investor Services Nominees Limited <SMKTNOMS>	59,245,771	5.57
The Bank Of New York (Nominees) Limited <672938>	58,935,233	5.54
HSDL Nominees Limited	52,891,544	4.97
Hargreaves Lansdown (Nominees) Limited <HLNOM>	52,850,696	4.97
Hargreaves Lansdown (Nominees) Limited <VRA>	51,453,362	4.83
Jim Nominees Limited <JARVIS>	41,769,861	3.92

Ordinary shares: **1,064,464,551**

The information on this page is disclosed in accordance with AIM Rule 26, and was correct as at 14 Nov 2022.

There are no restrictions on the transfer of the Company's AIM securities.

- Existing warrant structure has the potential to deliver £1.7 million in funds if exercised.
- Potential for up to £3.25 million income-stream from Argentinian assets and sale of licences to Fosterville South Exploration.
- Non core asset sales – AUD 0.96m sold so far

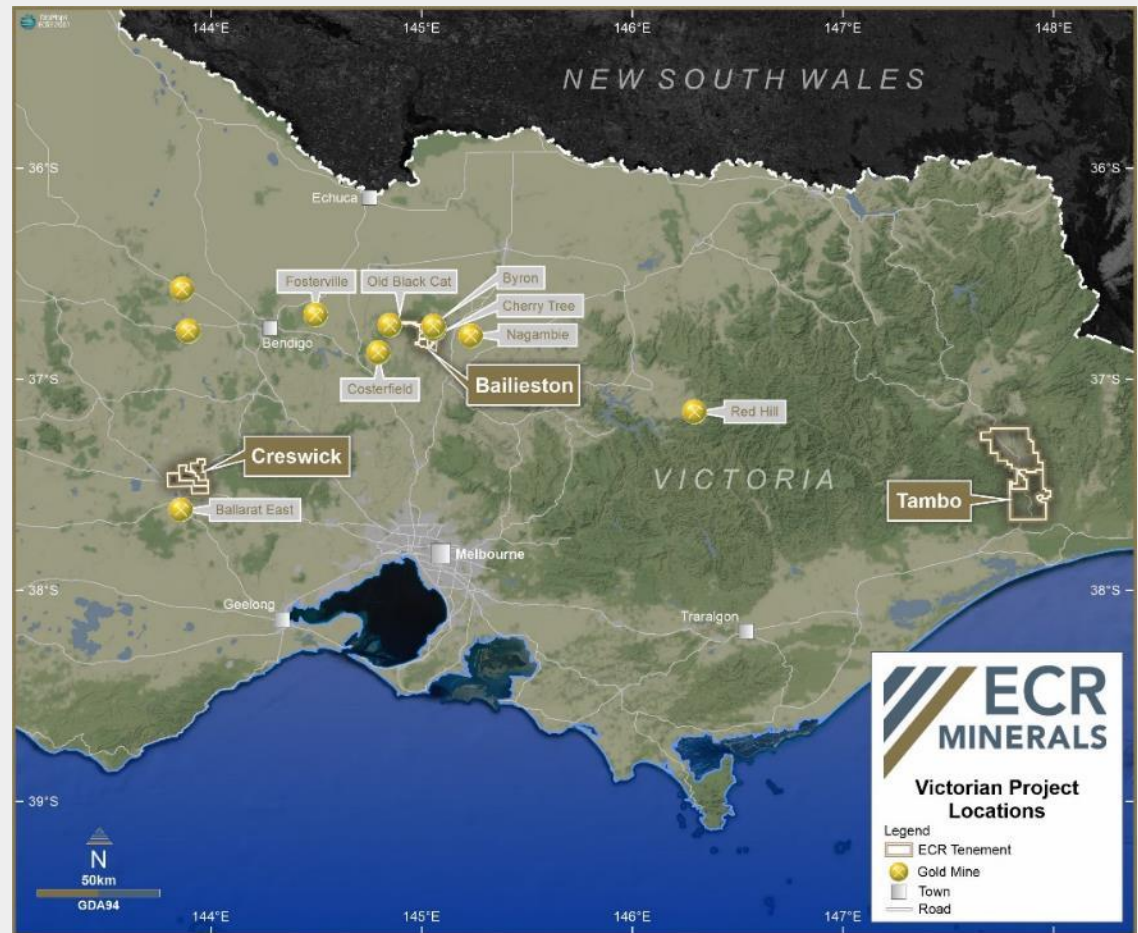
Victoria – some large Gold discoveries

ECR has granted and application licences totalling some 1,175km².

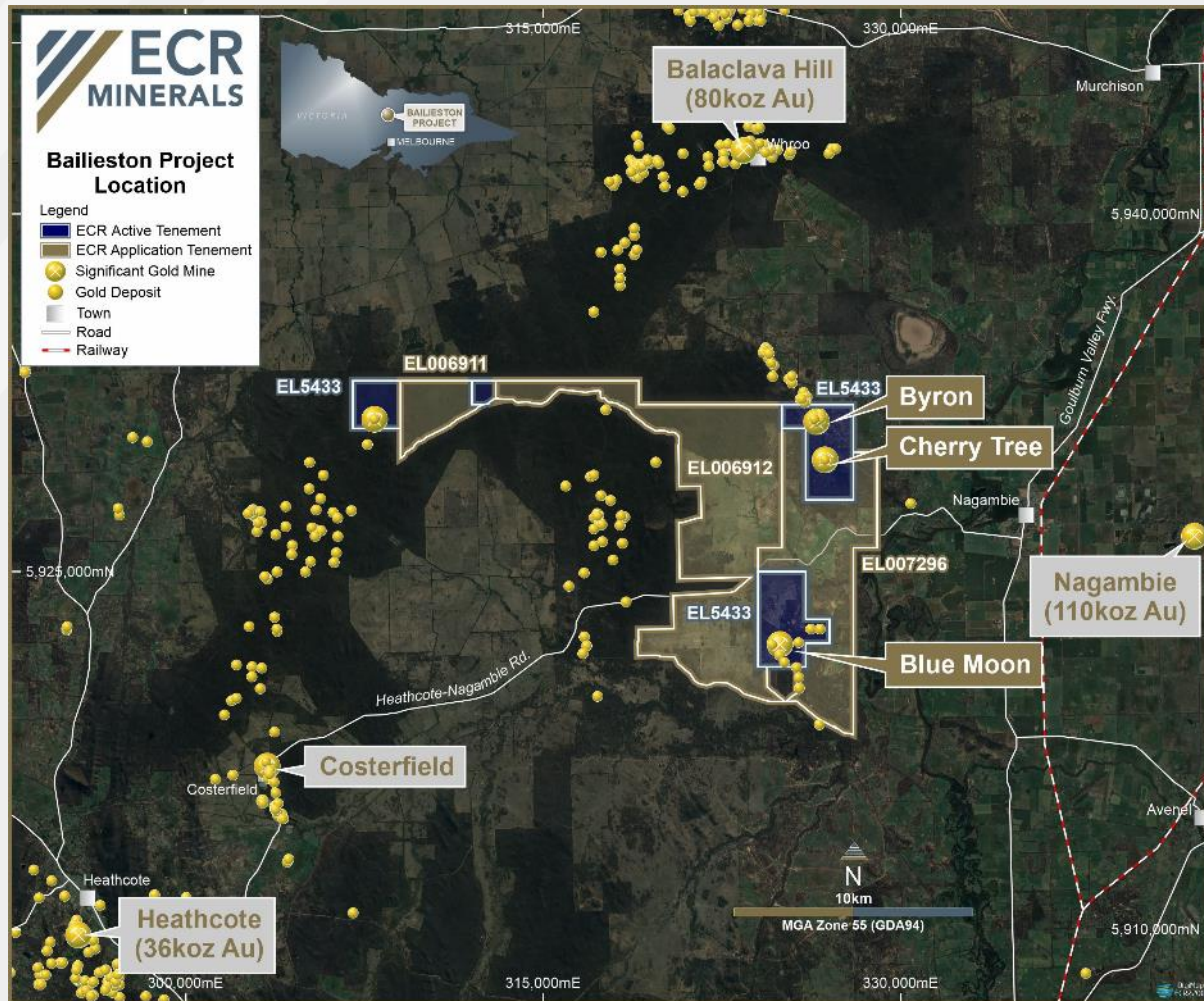
Bailieston located close to the Fosterville Mine (Kirkland Lake Gold)
District known for Gold-Antimony deposits.

Creswick is centred along a 10km section of trend from Ballarat to the south.

Tambo one tenement recently granted and cover portions of historic gold mines.
Other tenement in application.



Bailiaston / Blue Moon – 100% ECR



30 km east of Kirkland Lake Gold's Fosterville gold mine.

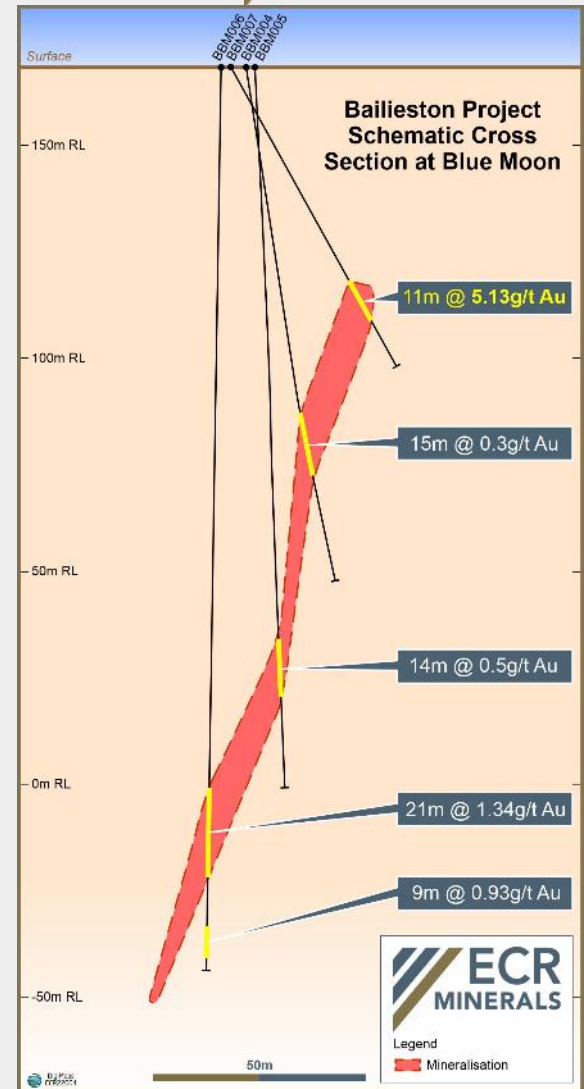
ECR has drilled 9,485 m since Jan 2021

Recent encouraging drill results

Gold-Antimony Mineralisation at Blue Moon

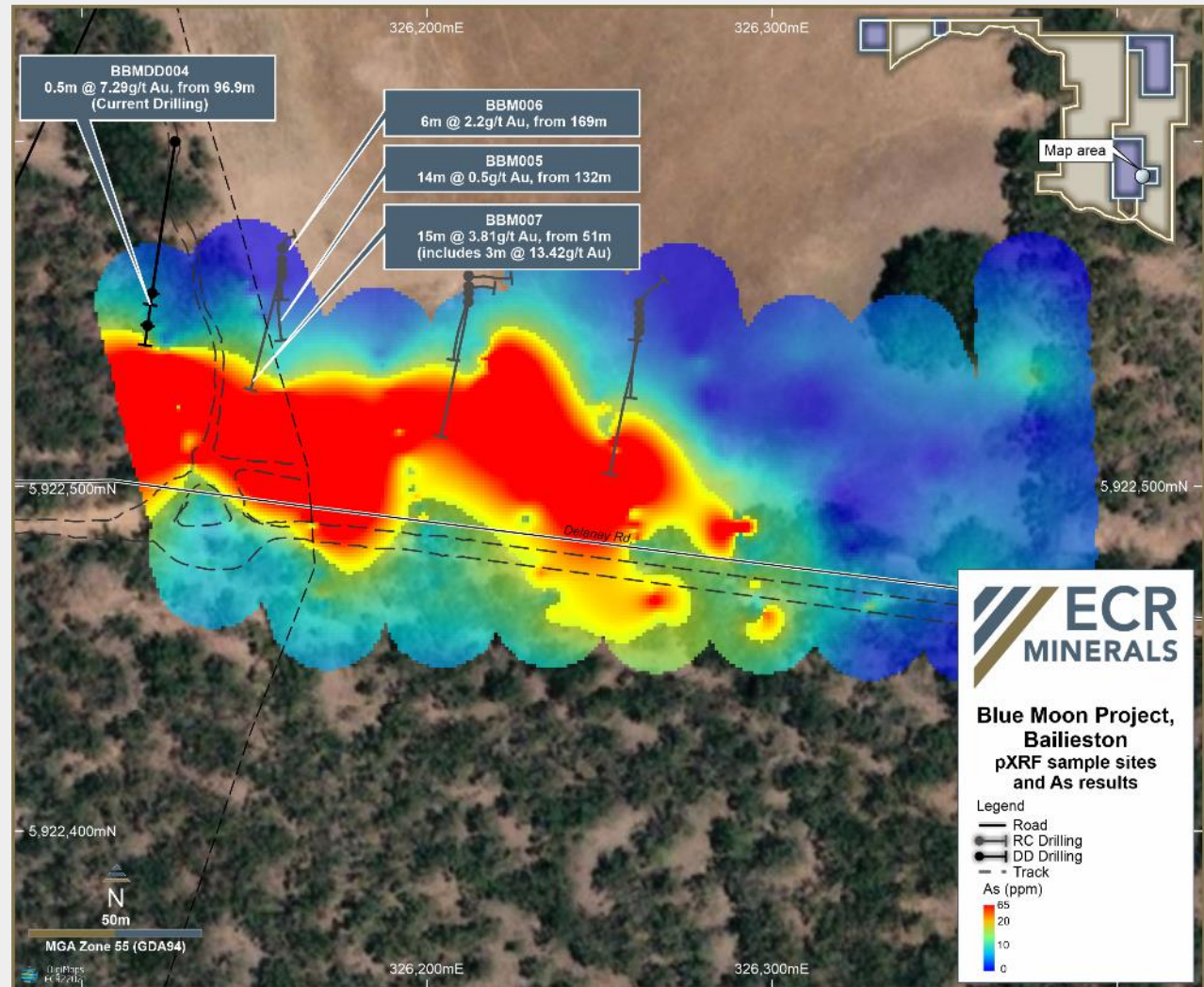
Blue Moon / Bailieston

- Unique mineralisation style in the area
- Width and consistency - true width up to 7m
- RC drilling in 2019 :
 - 11m @ 5.13 g/t Au (BBM007) with VG!
 - 21m @ 1.34 g/t Au (BBM006)
- Mineralisation open to the east, west and down-dip
- Currently drilling to the west of 2019 Drilling
- Mineralisation continues (results pending)



Blue Moon – Soil Geochem, drilling

- Key pathfinders As-Sb associated with gold
- Significant east-west arsenic anomaly in soil Geochem
- Numerous targets remain untested
- As-Sb targets cheaply identified using pXRF equipment



Creswick – North of Ballarat

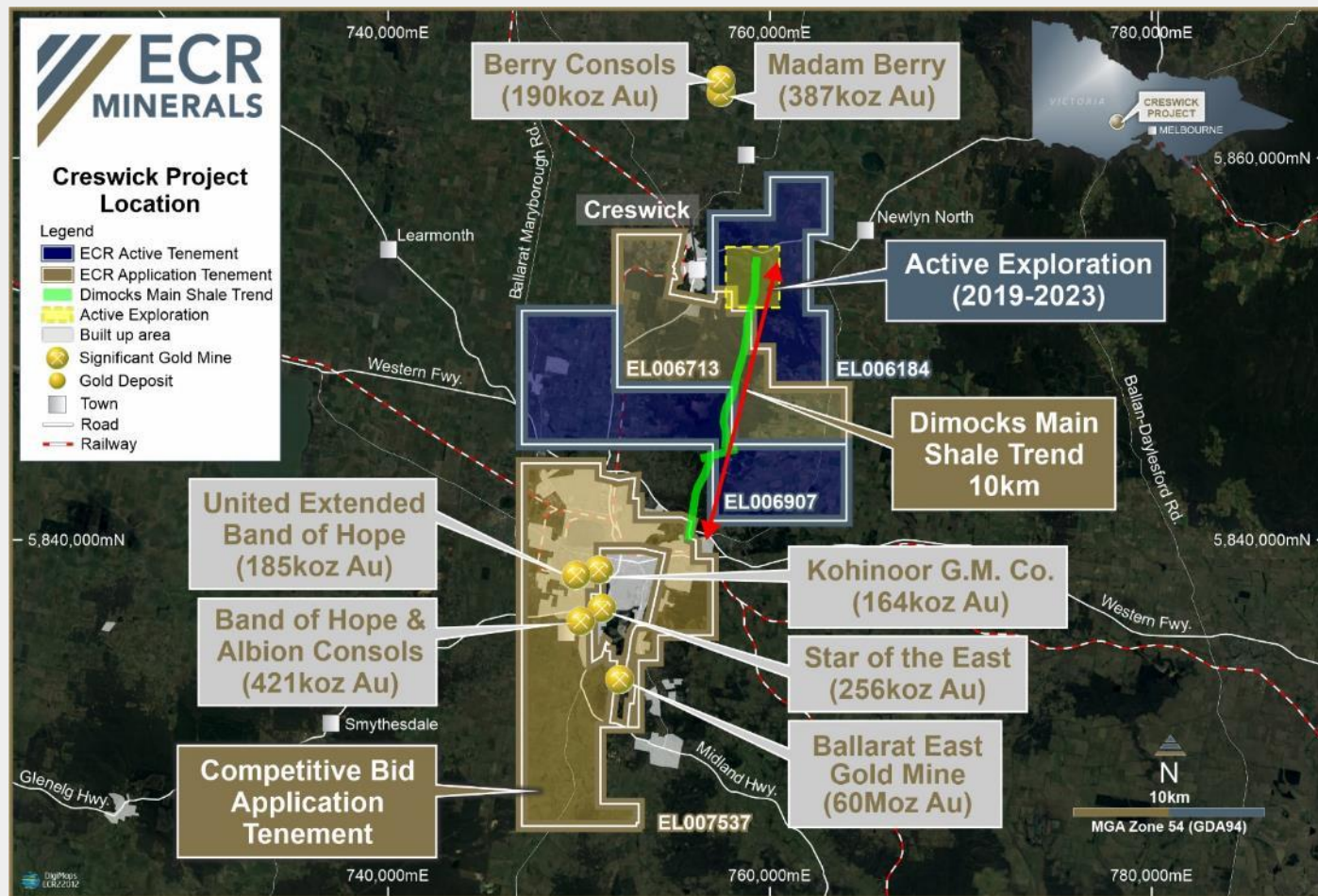


Two permits approved

One permit near approved

Drilling planned for 2023

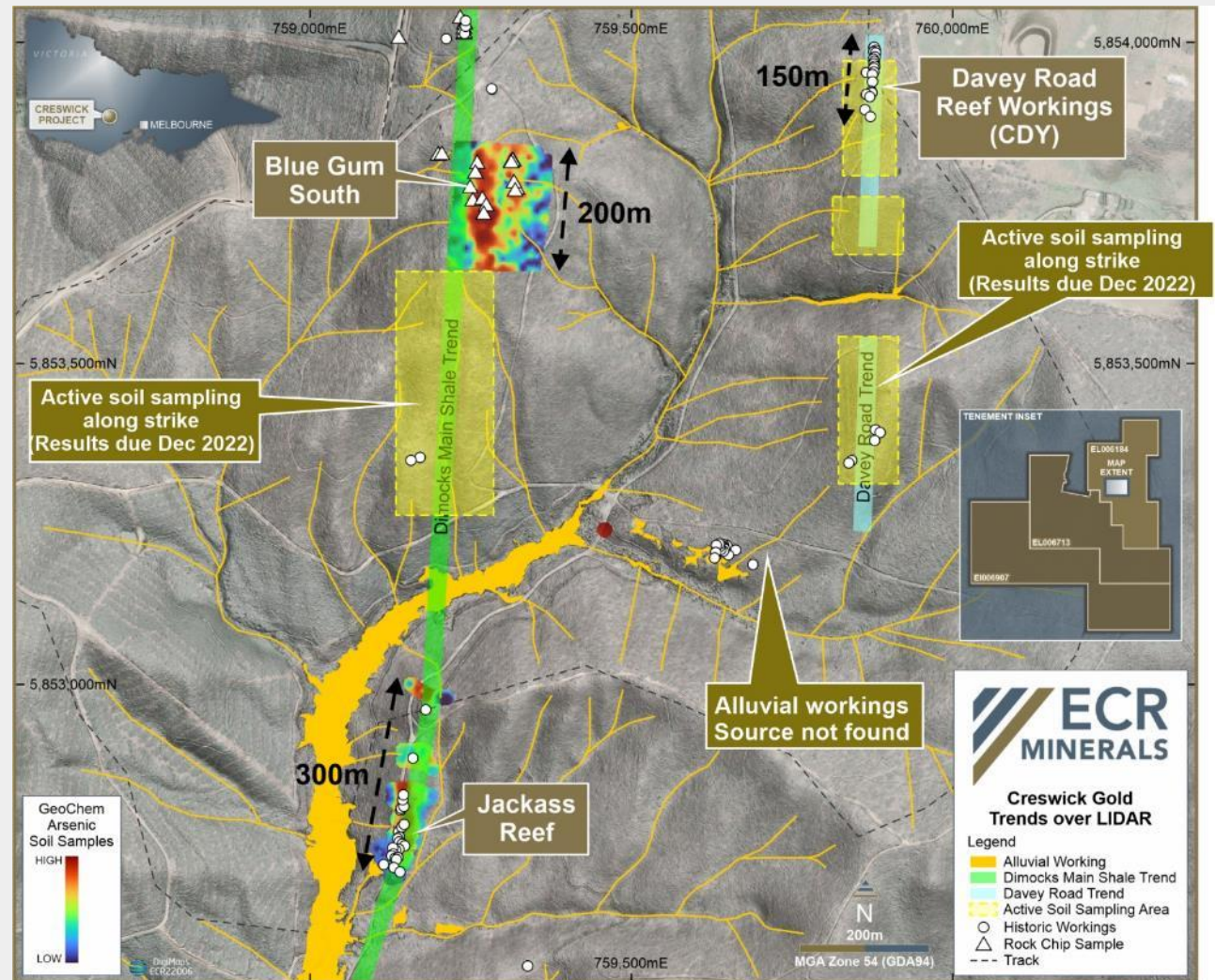
10km of mineralised trend to be explored



Creswick – where is the Reef source?

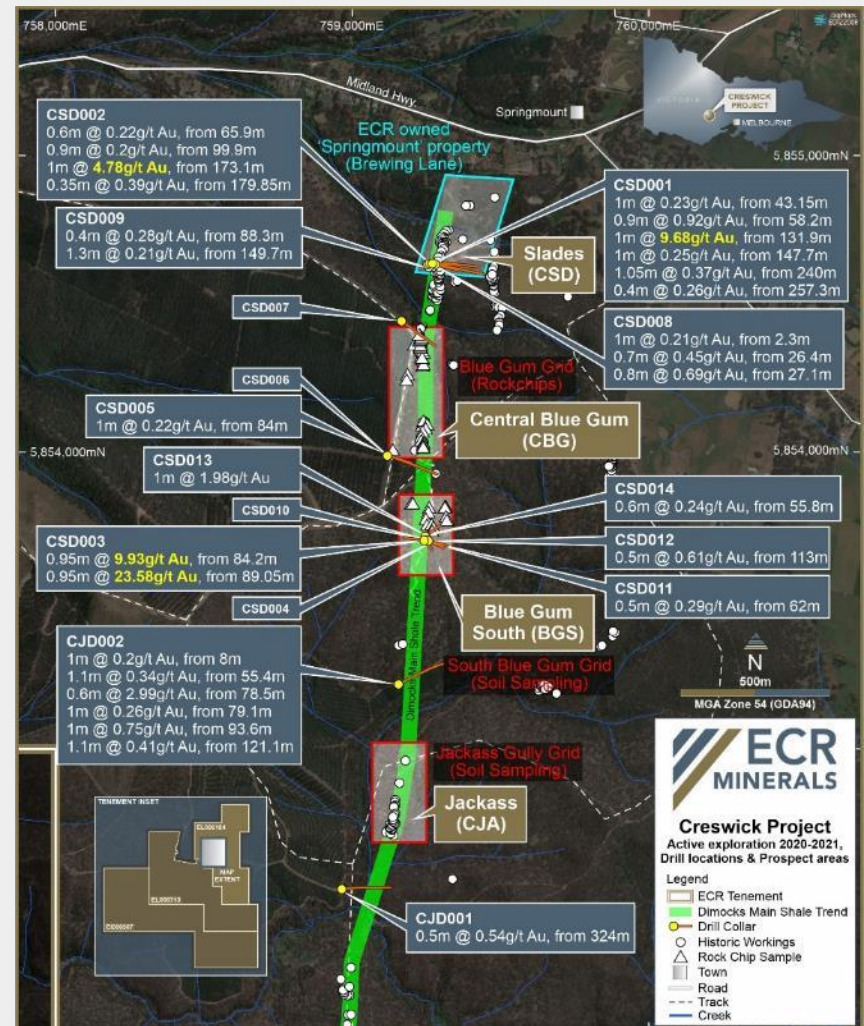


- Historic production of up to 2.5 million ounces from deep leads- Source not identified
- Source of gold suggests from adjacent veins
- Up to 11 million ounces to the south - Ballarat area



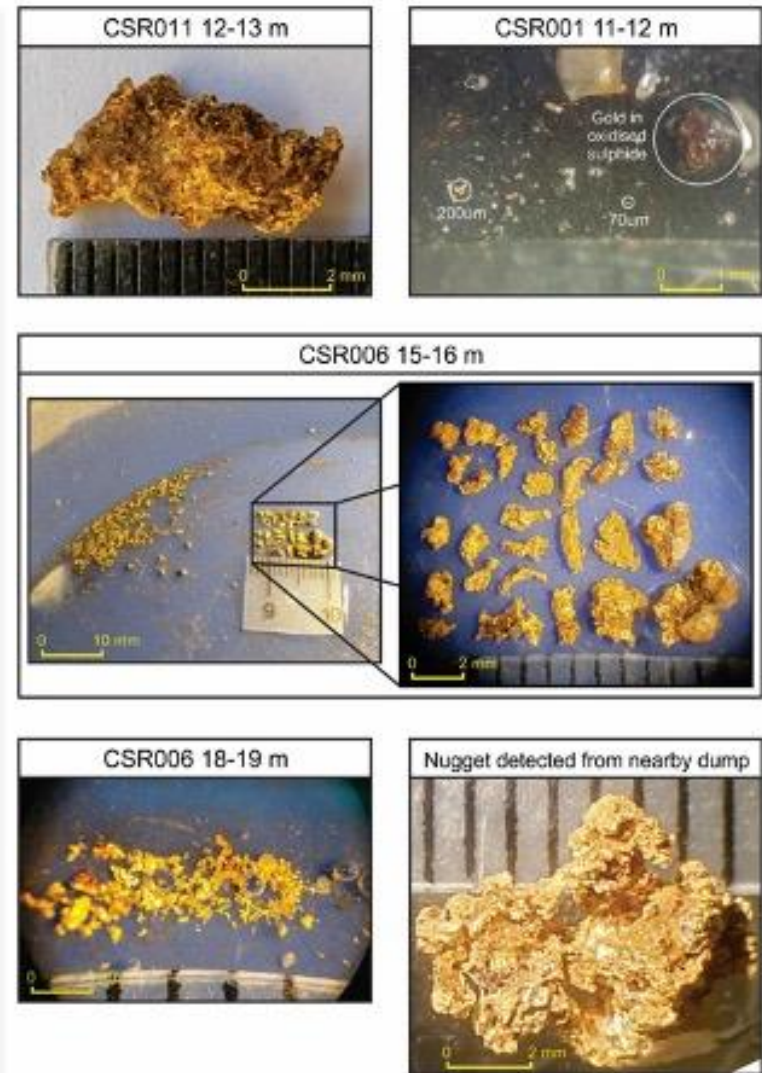
Creswick Gold

- ECR is the first to drill intensively
- 2021 diamond drilling:
 - Deposit similar to Ballarat
 - Narrow (0.5m-3m wide veins) with coarse-nuggetty gold
 - Gold found in untouched ground (Blue Gum South - i.e CSD003)
- LIDAR mapping shows other parallel systems with no modern exploration!
- Soil sampling on untested systems, results due soon!

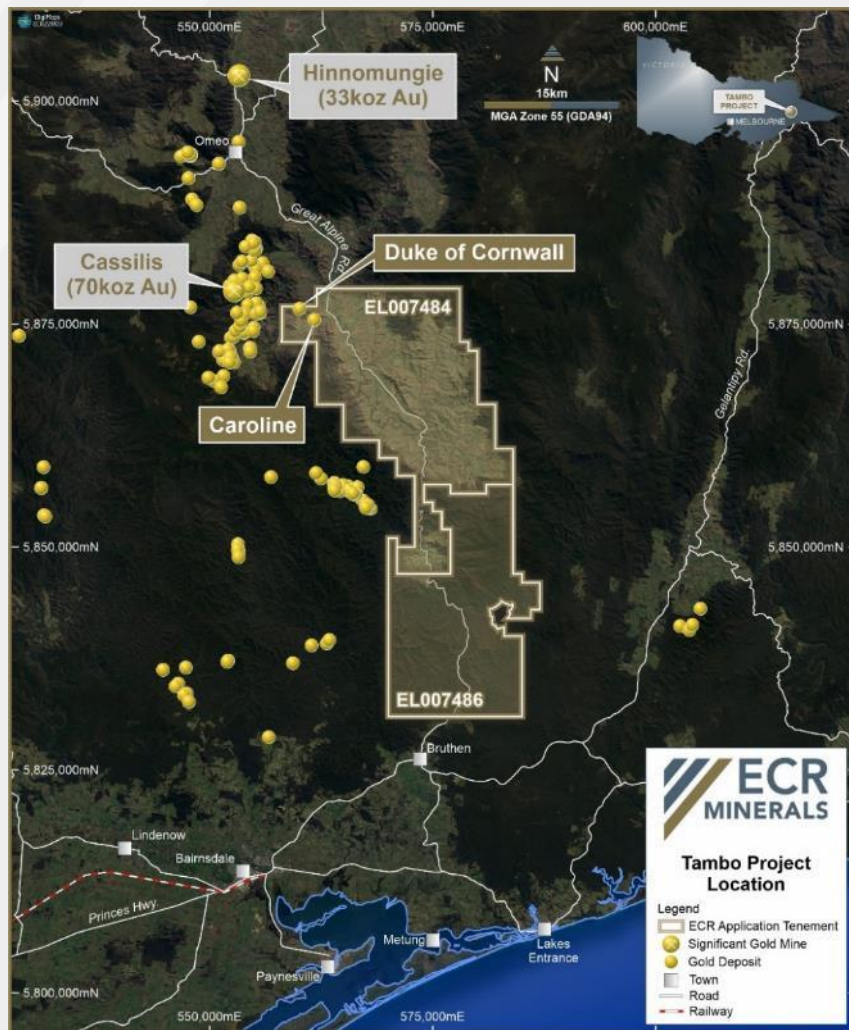


Creswick: ECR unlocking value

- Very nuggety gold
- Only 300m of the 10km strike has been drilled
- sampling method is key to success
- “Whole of bag” testing yielded a highest grade of 80.97 g/t gold
- Now sampling along strike
- Drilling planned 2023
- More ground to be granted
- 2019 drilling - nine holes grades ranges 0.6 to 44.63 g/t gold

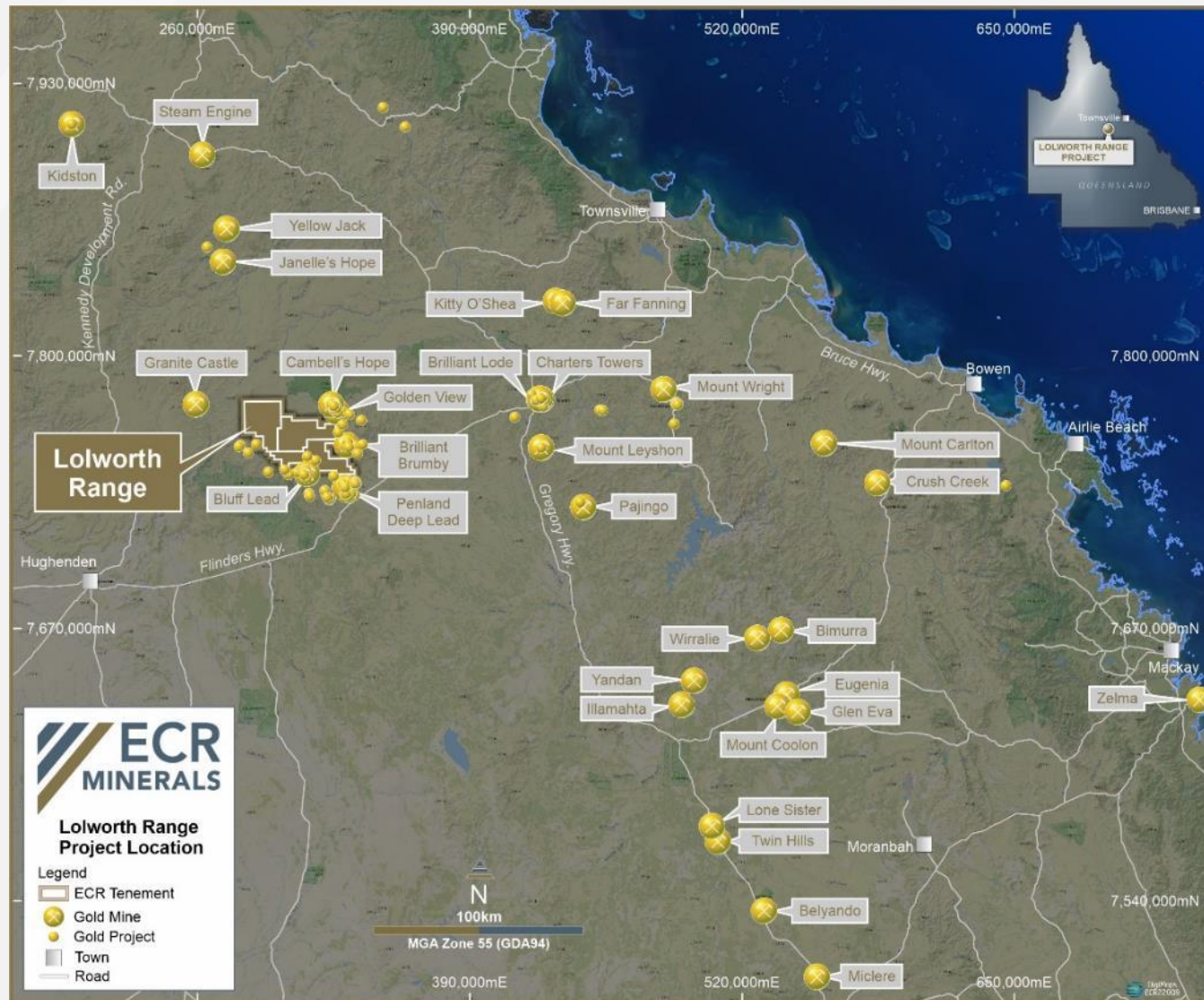


Tambo - 100% ECR



- EL007484 (Granted) (410 sq. km) and EL007486 (application) (318 sq. km)
- Historic Swifts Creek/Omeo and Haunted Stream goldfields
- Past gold production of 205,000 and 25,000 oz recorded respectively
- Project generation work to commence in Q1 2023
- Multiple opportunities, known region for other base metal commodities

North Queensland - Multi Million oz discoveries



Lolworth – 100% ECR



Granted 2022

Visible Gold in numerous stream sediment samples

Follow up now by ECR

Assay Results pending

Gossan discovered – assay results pending



Lolworth – Numerous Anomalies

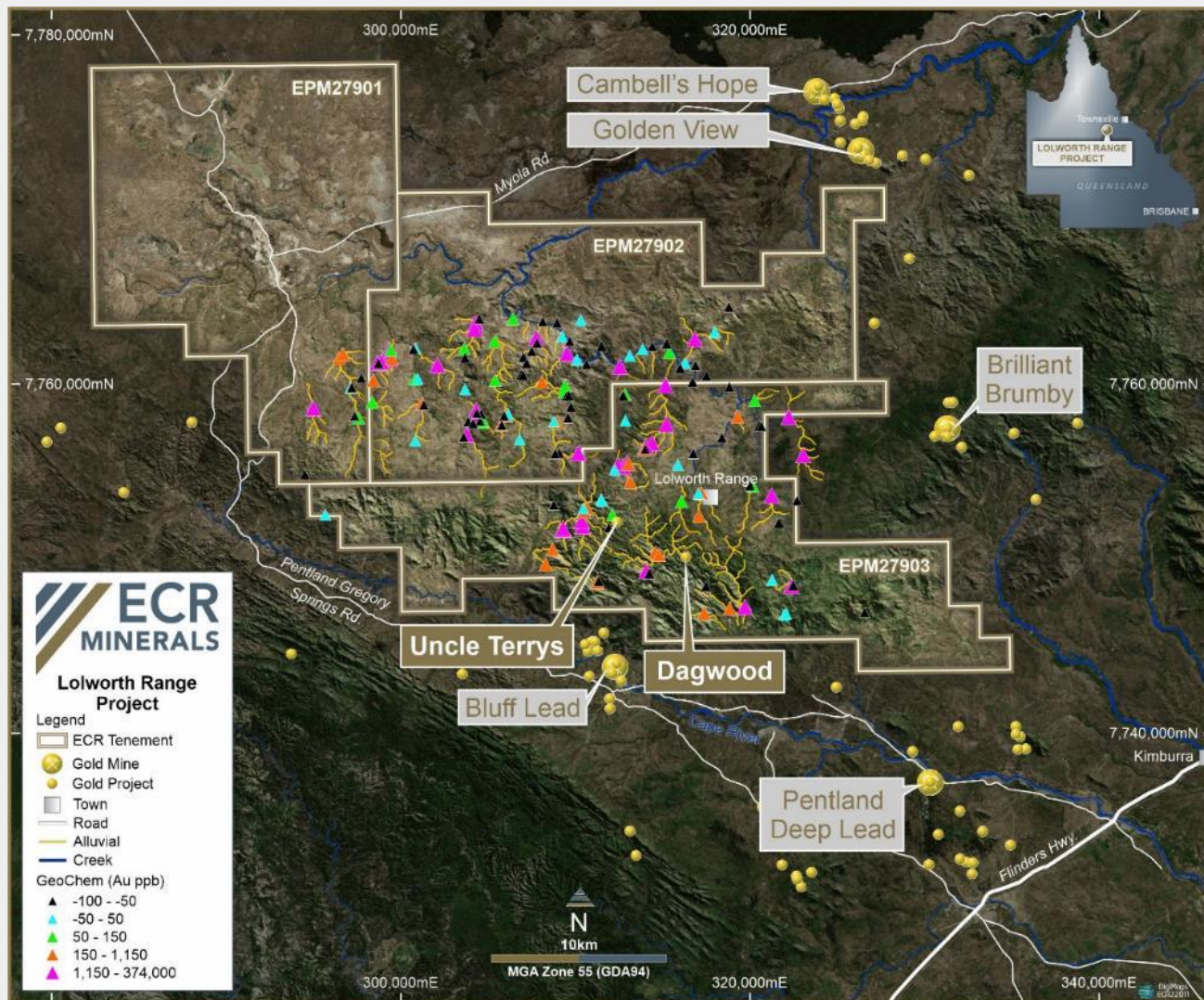
Not just Visible Gold...

Also broader compelling stream geochemical anomalies in panning

Tin-Tungsten identified

Active stream sampling program, 270 samples taken to date, 403 planned.

Results due December 2022



Hurricane Nth QLD – Veins and Grades



Numerous gold veins at surface

Grades range 1- 20g/t

Widths 0.5-7m

Undrilled

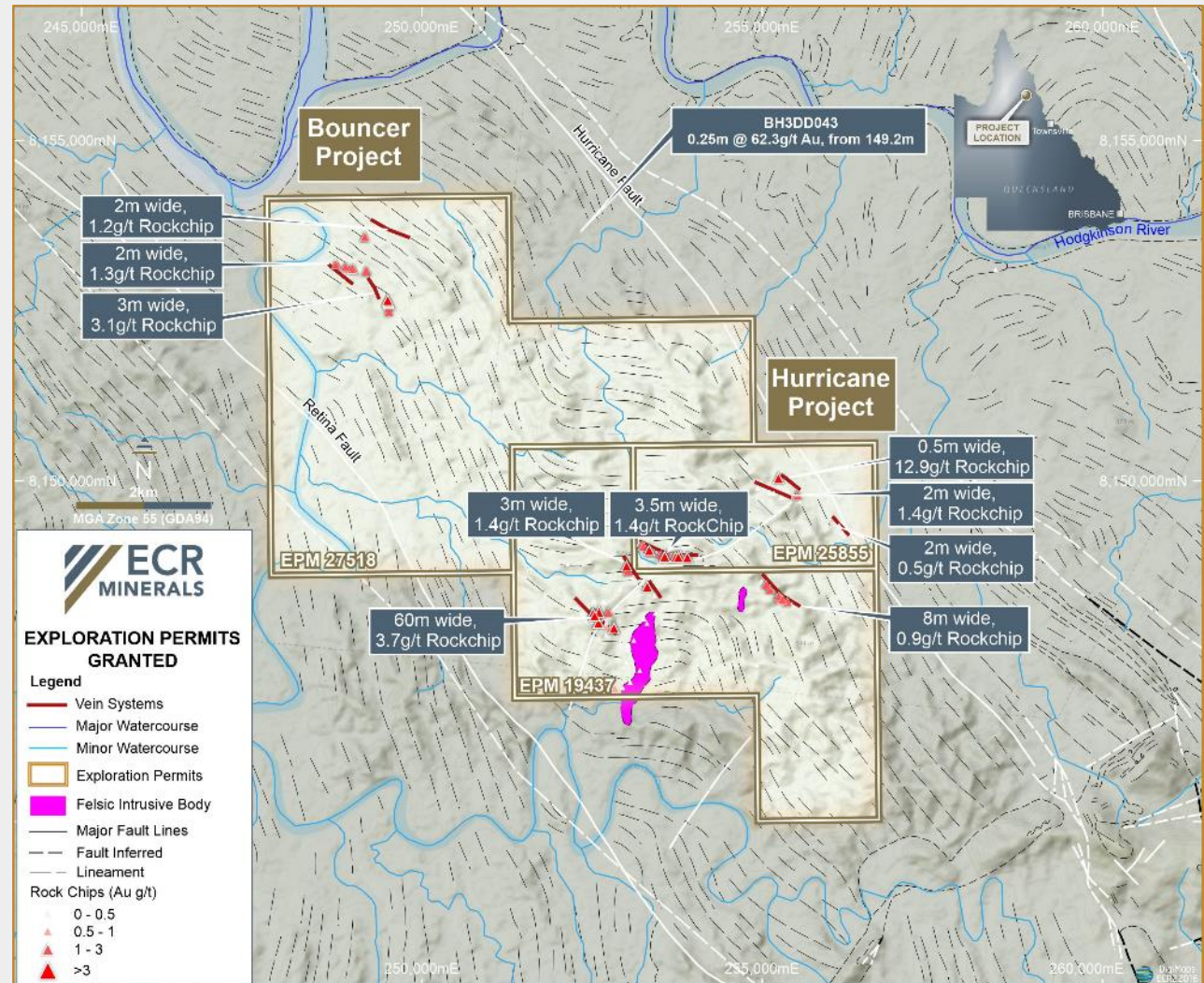
Discovered 5 years ago.

ECR option to buy 100% for cash and shares in 2023

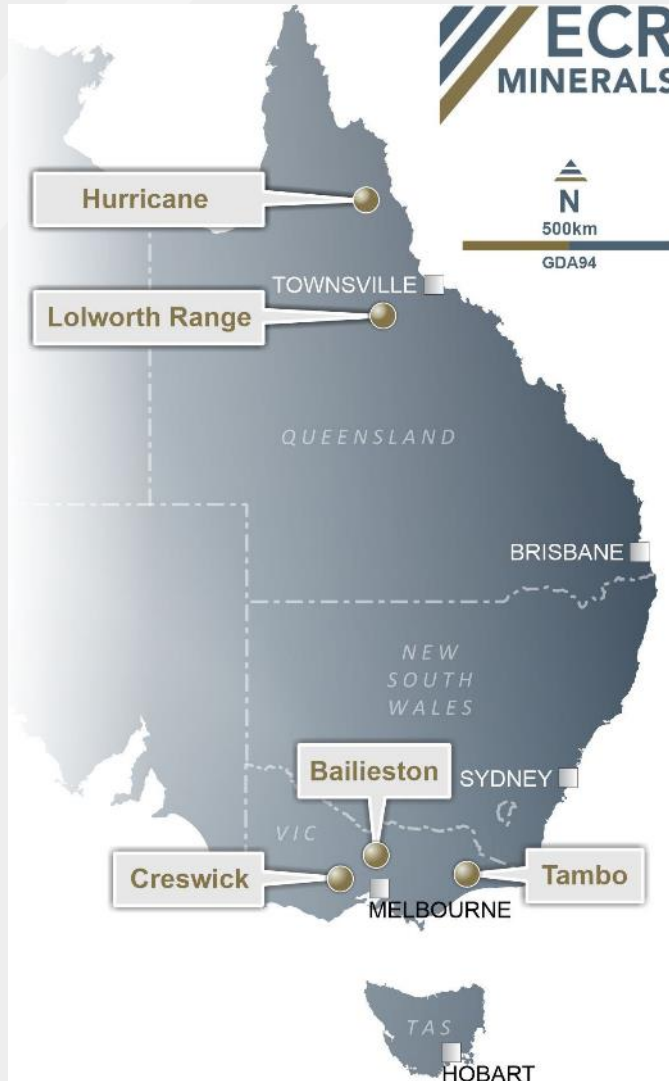
Drilling planned July 2023

Subject to results

ECR can exercise the option to buy 100% in 2023



Abundant Newsflow 2022 - 2023



- Blue Moon – assay results due soon for 3 holes
- Lolworth – 270 stream sediment assay results due Dec and Jan 2023
- Lolworth - 31 Rock chip assay results due soon - 180m long x 3m thick gossan discovered
- Creswick – 300 soil and vein sample assay results due soon
- Second drill rig to commence in 2023
- Drilling Creswick, Hurricane

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