



An introduction to ECR Minerals plc

GOLD RESOURCES IN AUSTRALIA

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Overview of ECR Minerals plc



6

Projects

192

g/t gold in sluice box concentrate at Blue Mountain

75

g/t gold rock chip at Lolworth

52

g/t fire assay gold results at Tambo

32

% Antimony in Bailieston

75

A\$ carried forward tax losses

- ECR is a mineral exploration and development company quoted on AIM, with a focus on gold resources in Australia
- The Company's principal operations are in Queensland and Victoria, with six principal projects covering over 1,755 km² across those two states
- Historical assets include A\$75m tax losses and entitlement to A\$2m royalties
- Recent highlights
 - Production feasibility at Blue Mountain
 - Correlation of Lolworth geology to Charters Towers



Operations in area with historical success



Considerable advances in operations over past 12 months



Low costs and conservatively managed operations



Rising gold prices



Experienced management team with track record of success

Board of Directors



Nick Tulloch

Chairman

Nick Tulloch advised companies on the UK capital markets for over 20 years, working for several well-known investment banks and stockbrokers, including Cazenove, Arbuthnot and Cenkos. In 2019, he became FD and then CEO of Zoetic International plc overseeing its transformation from oil & gas to the first CBD company to be quoted on the London Stock Exchange. He went on to found Voyager Life plc, becoming the first person to successfully list two CBD companies in the UK. In 2024, he led Voyager's re-positioning as a helium producer in Kansas under its new name of Mendell Helium plc. He is also a non-executive director of Chill Brands Group plc. Nick began his career as a solicitor with Gouldens (now part of US firm Jones Day) and holds a Master's Degree in law from Oxford University.



Mike Whitlow

Managing Director

Mike Whitlow is highly regarded as an entrepreneur with a long standing and successful business-building track record. Mike has spent over 20 years investing and financing small cap / start-up companies. Having started his career working in the energy industry, more recently Mike has overseen and assembled a number of resource projects through his company Axies Ventures Ltd, where he has personally overseen two funding rounds and two work programmes in the Mediterranean and North America including a successful drilling campaign earlier this year.



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.

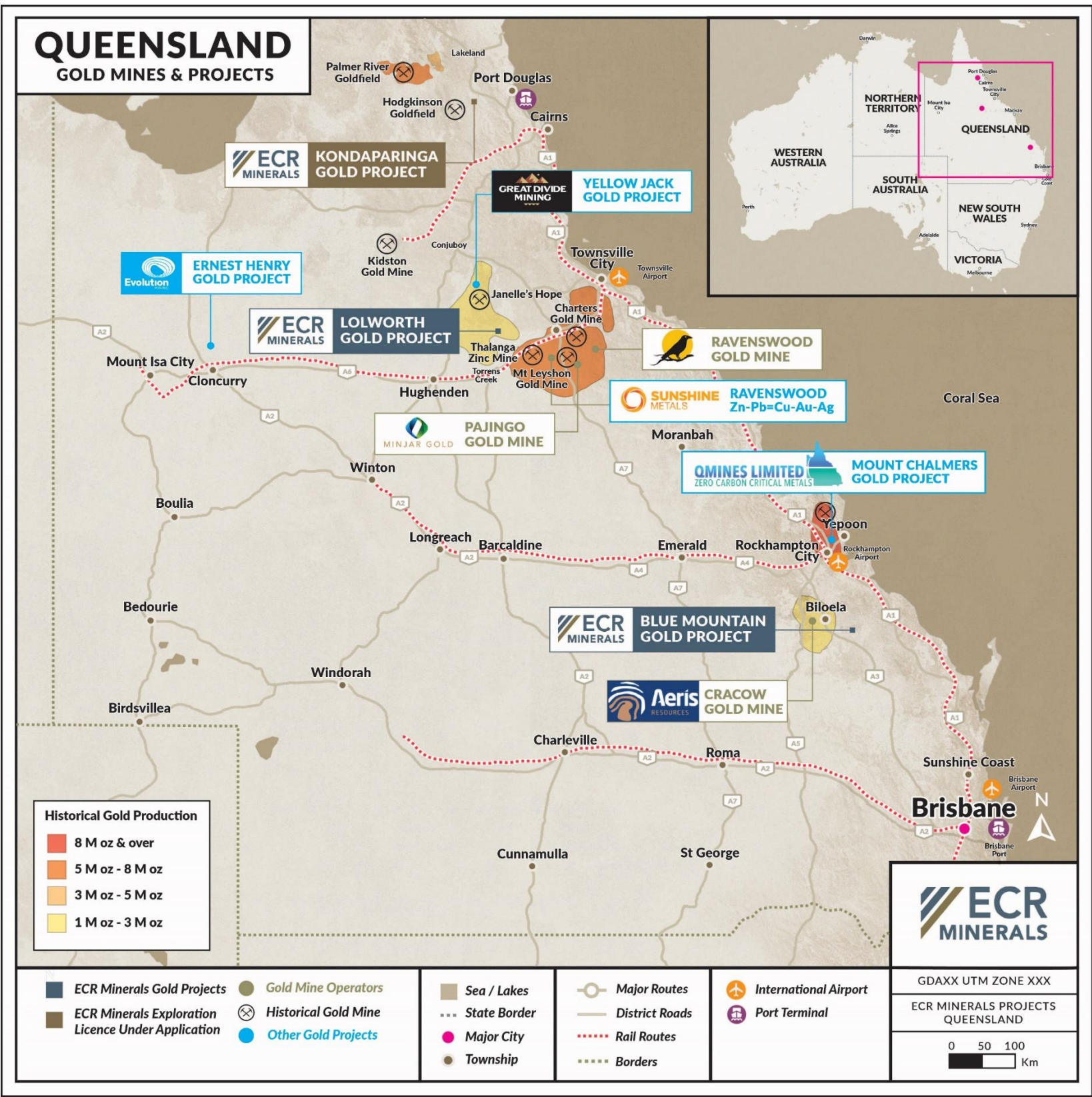


Trevor Davenport

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.

Queensland



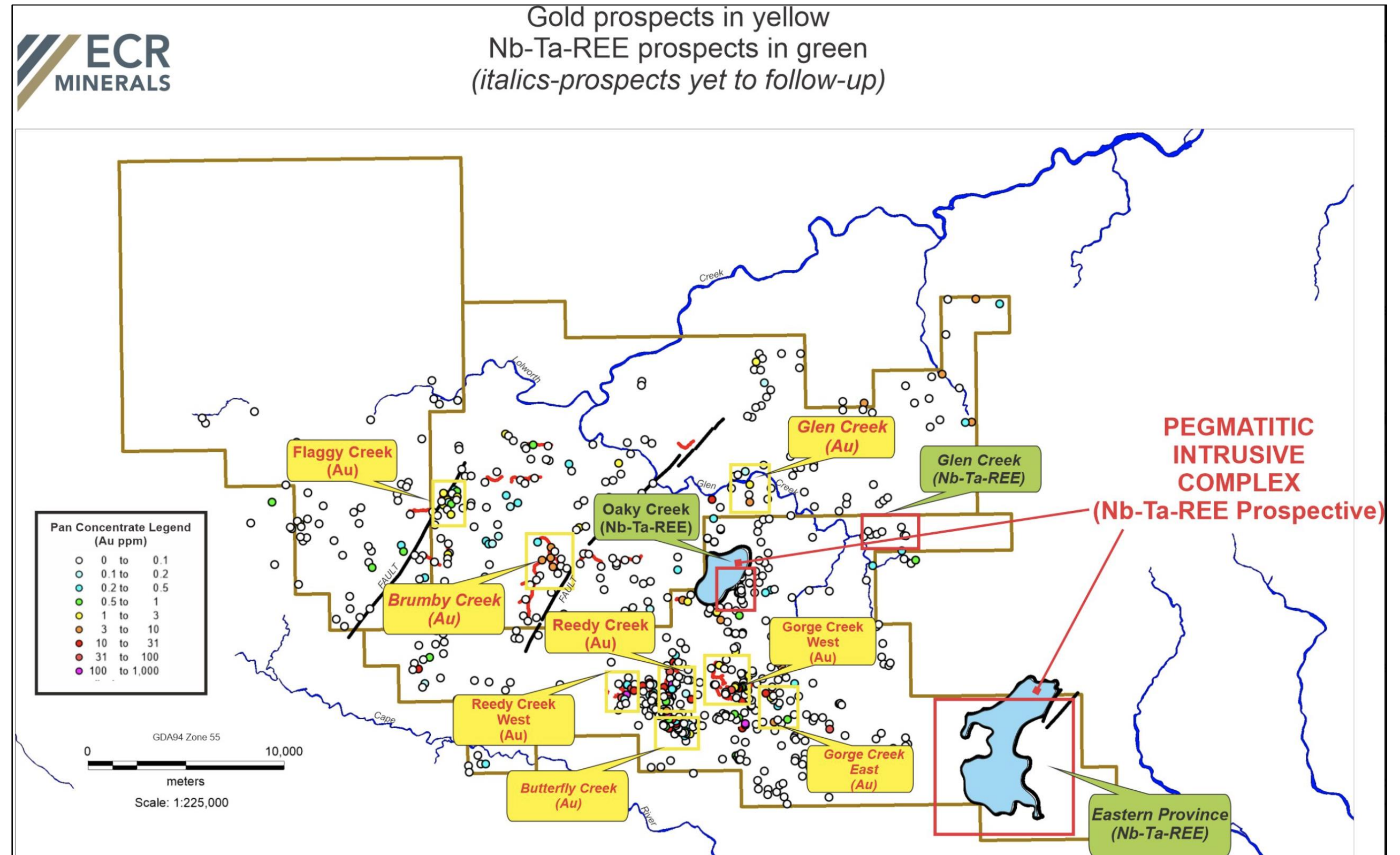
Lolworth located approximately 120km west of the historic gold mining centre of Charters Towers, North Queensland, Australia. The project consists of three exploration tenements (EPM27901, EPM27902 and EPM27903). Numerous Gold, Niobium and REE anomalies have been identified within the project which covers 900km2.

Kondaparinga is approximately 120km2 in area (see Figure One below) and within the Hodgkinson Gold Province, 80km NW of Mareeba, North Queensland, Australia. The 3-year exploration term would include an expenditure commitment of AUD\$487,000 over that period. The licence is currently in final review prior to being awarded.

Blue Mountain includes the Denny Gully Gold alluvial gold project, which is believed to host shallow gold mineralisation of up to 100,000oz gold based on internal reports and systematic testing undertaken by Bluekebble Pty Limited.

Lolworth

- The geological rocks of the Lolworth area are similar to the host rocks in the nearby gold rich provinces of Charters Towers and Ravenswood
- 378 rock chip samples analysed with highest-grade gold results include 11.05, 14.15 and 14.7 g/t Au
- 23 rock chips returned silver grades greater than 10 g/t Ag with six samples exceeding 50 g/t Ag
- Trenching at the Gorge Creek West Prospect has identified broader zones of gold mineralisation, including best grades of 11.05, 3.72 and 4.82 g/t Au within a quartz shear zone

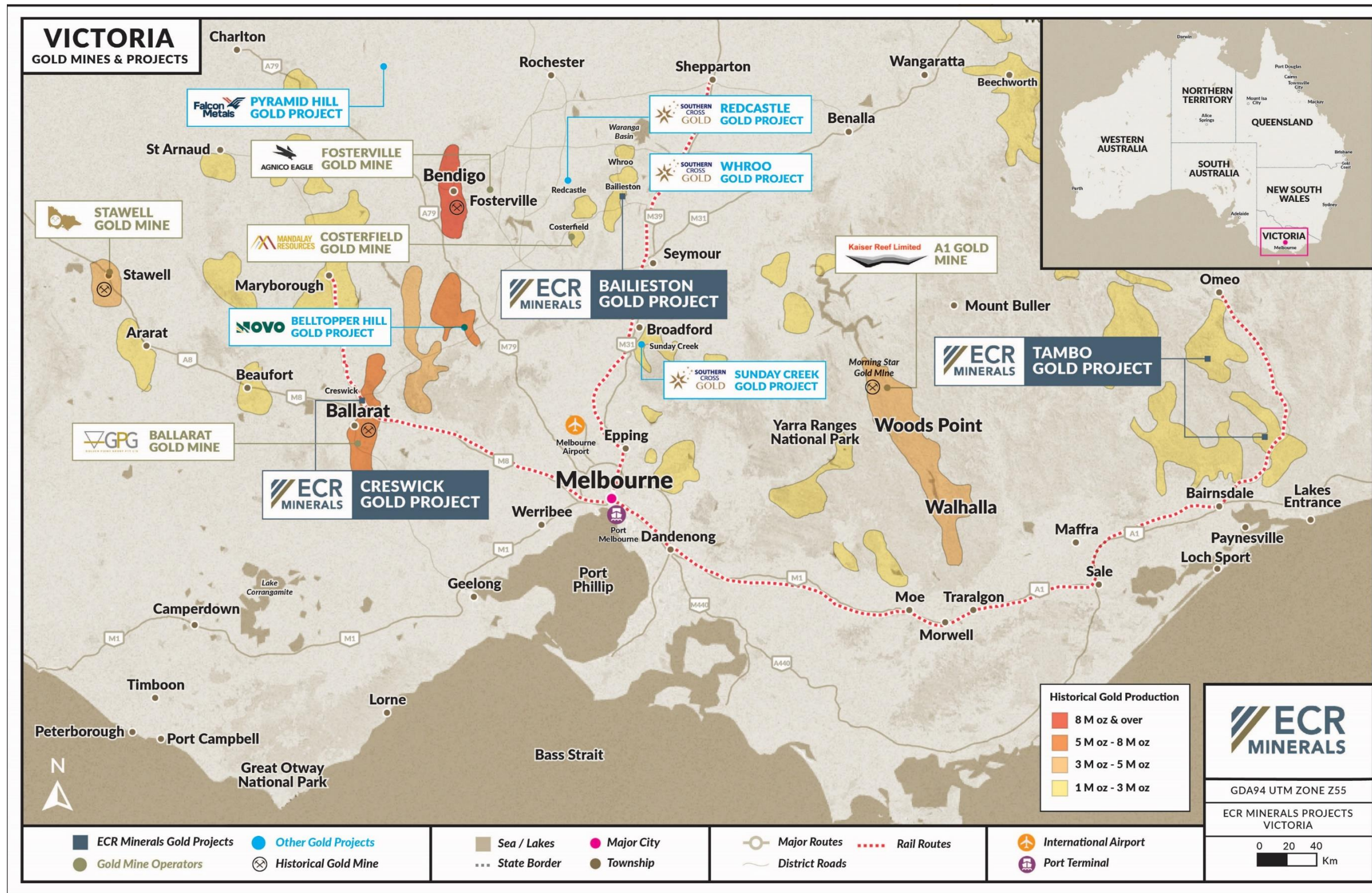


Blue Mountain



- Trenching and bulk concentrate sampling programme undertaken during July 2024
- Following highly encouraging results from sluice box concentrates, with best results including 192.15 g/t Au and 97.40 g/t Au, further samples were submitted to the laboratory to undergo an enhanced gold recovery process
- Gekko Systems Pty Limited carried out the Single Stage Gravity Recoverable Gold ("GRG") test and Sighter Leach test
- GRG test work on ore samples demonstrated a recovery rate of 91.7% gold into 0.40% of the mass
- These findings suggest that the ore located at Blue Mountain is suitable for gravity concentration using a batch centrifugal concentrator ("BCC")
- If these results are repeatable across the project area, then ECR may have a commercial project suitable for a production plant on site
- As an alluvial resource, gold is found at or near the surface, meaning that the mining techniques used to extract any minerals are not capex-heavy

Victoria



Creswick consists of three licences, and is considered highly prospective for gold mineralisation hosted within a geo anomaly known as the Dimocks Main Shale.

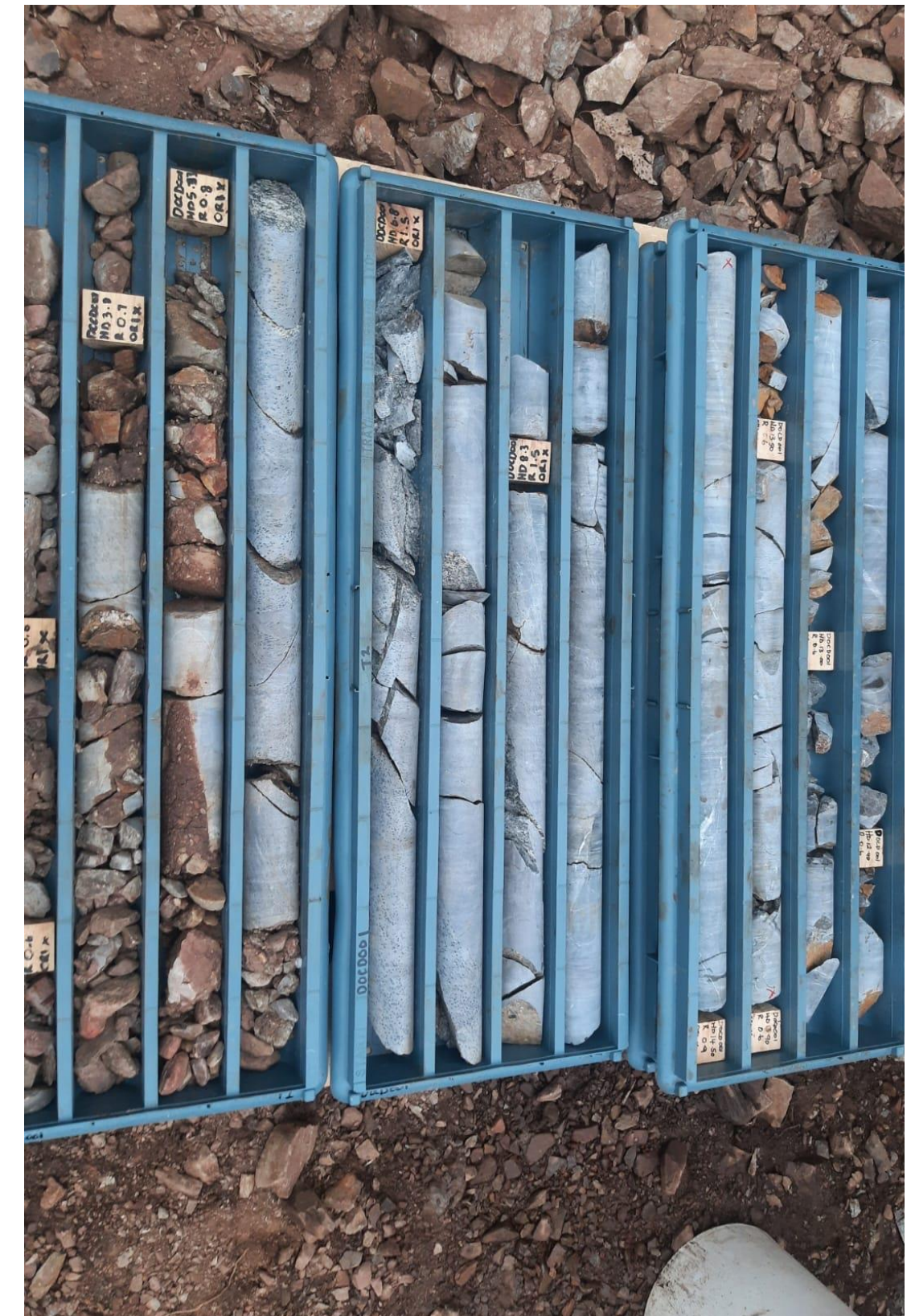
Bailieston targets epizonal or epithermal gold mineralisation within the Melbourne Zone, which hosts successful modern gold mines including the world-class Fosterville gold mine and successful exploration projects including the Sunday Creek project.

Tambo is in the Tambo River region in East Victoria located close to historical explorations works at the Duke of Cornwall prospect.

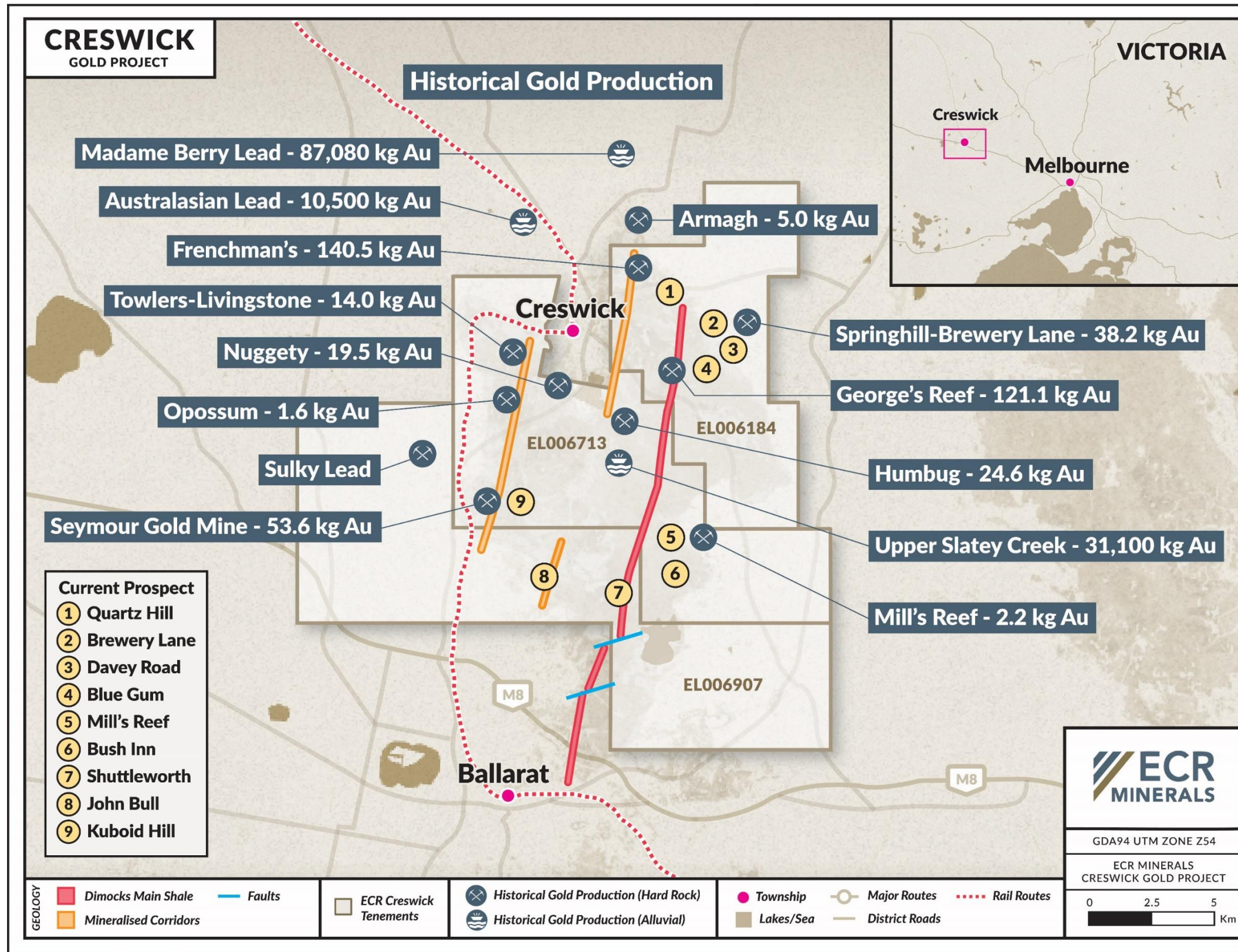
Tambo



- Maiden diamond drilling campaign has commenced at Tambo targeting beneath the historical workings of the Duke of Cornwall mine, Swifts Creek
- The drilling programme is expected to complete shortly with 5 holes around 450 metres of aggregate depth targeted
- Previous rock chip assays from direct outcrop and exposures around and within the old workings include results of 22.85 g/t Au, 26.25 g/t Au and 52.2 g/t Au coupled with highly anomalous gold in soils
- Initial results are expected in late November / early December 2024



Creswick



Over 1,500 metres drilled across 24 holes at Creswick at the end of 2023 / early 2024

Davey Road

Best result 41.03 g/t Au over 1 metre.

Contiguous gold over multiple metres – including 4.4 g/t Au average over 3 metres

Kuboid Hill

Two high grade results of 8.87g/t Au and 8.06g/t Au over 1 metre

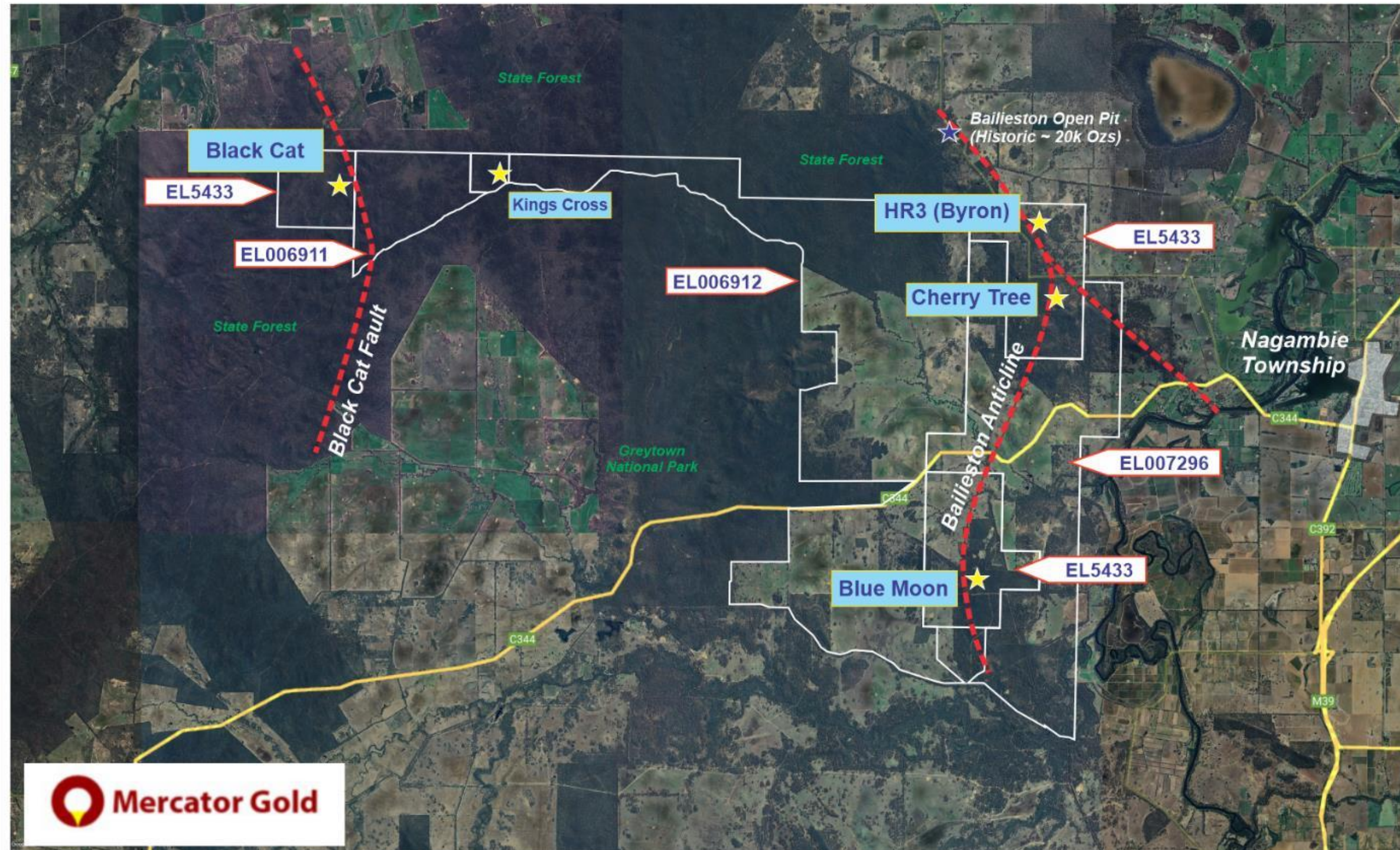
Extensive broad mineralisation with contiguous gold is present at 3.05g/t Au over 3 metres, 2.25g/t Au over 4 metres and 1g/t Au over 5 metres

Compares favourably with historical broad mineralisation mining operations in Victoria where grades averaged around 0.7 g/t Au

Aggregated 51 metres of mineralized quartz.

Bailieston

Bailieston Project Area and Prospects



■ Bailieston Anticline

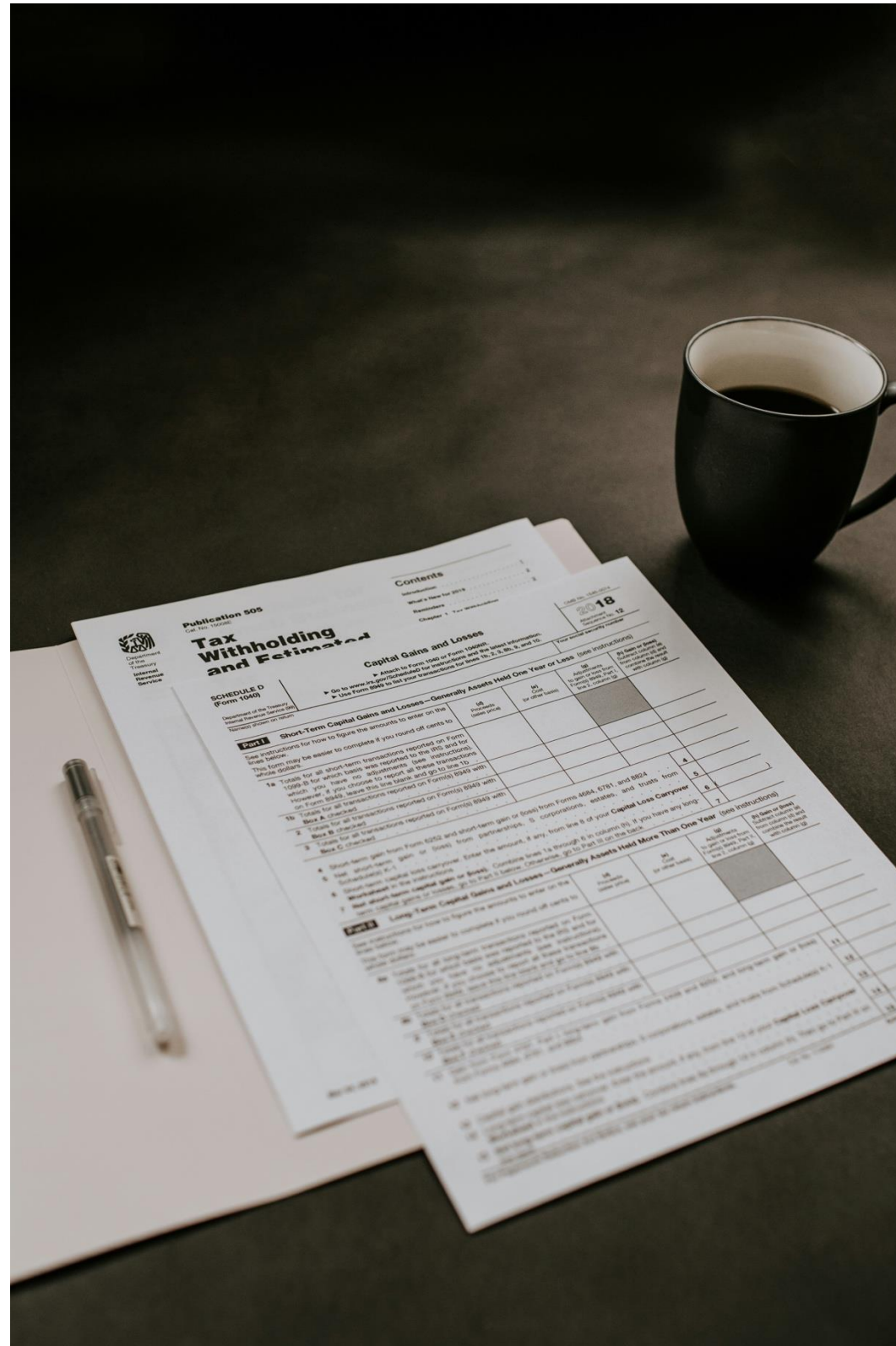
- No exploration between HR3 and Cherry Tree
- Exploration along anticline between Blue Moon and Cherry Tree

■ Antimony

- Antimony known within area along with gold
- Neighbouring explorers finding economic Antimony-Gold (Nagambie Resources)
- ECR best result 0.3m grading 32% Sb

■ Dyke related gold mineralisation

Potential sale of tax losses



- Exclusive talks underway for sale of Mercator Gold Australia Pty. Ltd ("MGA") which holds ECR's tax losses – incurred since 2006 to date
- Australian rules on transferring tax losses changed in 2015, with the "similar" business test replacing the "same" business test
- As over 80 per cent. of MGA's losses predate 2015, any buyer will need to comply with the tighter historic rules
- It is likely that some of MGA's non-core assets may need to be sold as part of any transaction to realise value from the tax losses
- Current tax rates for companies in Australia vary between 25 per cent. and 30 per cent, depending on circumstances, meaning that ECR's tax losses could have a theoretical value of approximately A\$18 - 22 million to a buyer
- Any valuation will be based on several different attributes of any buyer including its existing profits, type of business, ongoing profit expectations and its own assessment of how quickly the tax losses could be used
- In addition to existing exclusivity agreement, four other companies have signed confidentiality agreements in connection with the potential sale of tax losses

Capital structure and assets

- Ordinary shares in issue: 1,904,006,225
- Executive management team remunerated substantially in equity
 - Quarterly awards based on share price performance
- Other board members have taken salary sacrifice since September 2023
- No debt, dilutive warrants or options
- Unutilised 20 acres of land available for sale
 - Following on previous non-core asset sales of Drilling Rig and Excavator
- Entitlement to up to A\$2m in payments subject to future resource estimation or production at the Avoca project in Victoria
 - Awaiting drilling results from Leviathan Gold Ltd
- A\$75 million available tax losses
 - Adviser appointed to facilitate sale
 - Exclusivity agreed with potential buyer



Conclusion

Recent success



Compelling results from operations

Next steps are to further investigate and prove recent findings

Global demand



Gold Prices

Despite sustained price increases in the last decade, gold demand is forecast to rise

Extensive operations



Six projects

Diversification across different but complementary projects

Proven location

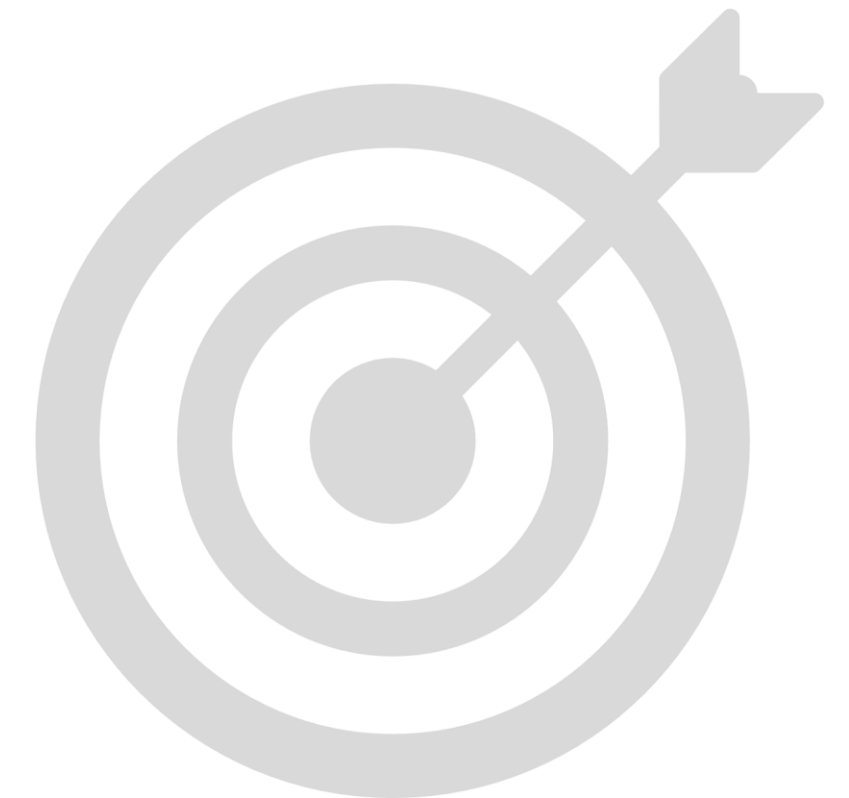


Historic gold producing areas

Stable operating environment in well renowned gold producing locations

**“EVEN IF YOU’RE
SITTING ON A GOLD
MINE, YOU STILL
HAVE TO DIG.”**

- Anonymous



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