



Investor Presentation

Gold exploration and development in Australia

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Gold exploration and development in Australia

INVESTMENT HIGHLIGHTS


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FORTHCOMING PRODUCTION AT BLUE MOUNTAIN

Alluvial gold resource with low capex, near term production and revenue generation capability


2



ACQUISITION OF RAGLAN ACCELERATES PATH TO REVENUE

Nearby alluvial project is a turnkey opportunity with mining licence and all equipment already in place


3



ONGOING DEVELOPMENT AT LOLWORTH

ECR's largest tenement with high grade surface results now undergoing a maiden drilling programme

4



A\$75M TAX LOSSES

Tax losses may either be used to enhance returns from future production projects or sold for cash



ADDITIONAL UPSIDE



Rare Earths at Lolworth have attracted interest from Geological Survey of Queensland and James Cook University

32% Antimony grade at Bailiaston in a region with high profile antimony projects

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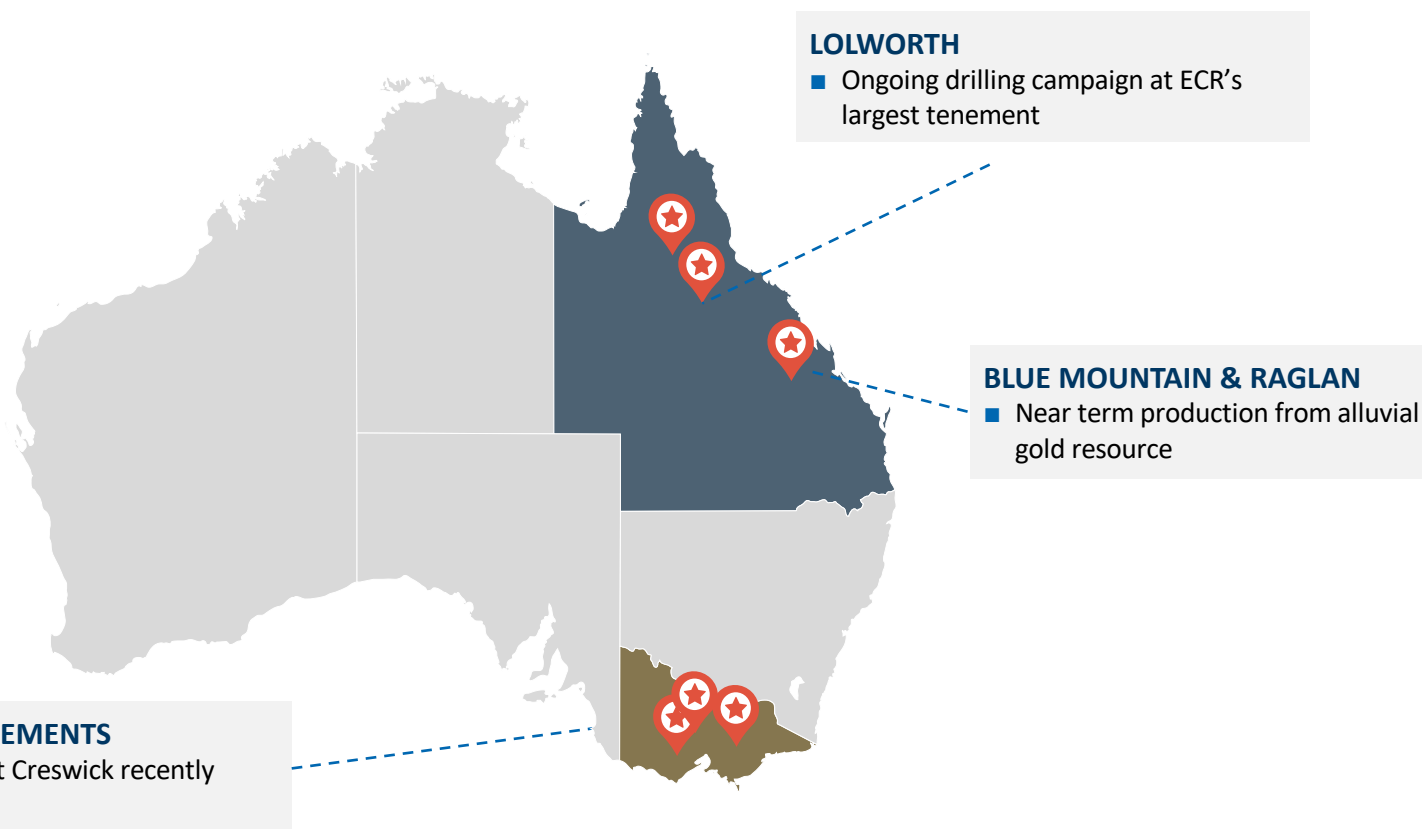
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ECR has six projects in Australia – seven when Raglan is acquired

The company has operations in two states, Victoria and Queensland. Its primary focus is developing prospective gold resources but has also had success identifying rare earths and antimony

Geographic presence



Company overview

- ECR is a mineral exploration and development company quoted on AIM, with a focus on gold resources in Australia
- The Company's operations are in Queensland and Victoria, with seven projects covering over 1,755 km2 across those two states
- Historical assets include A\$75m Australian tax losses and entitlement to A\$2m royalties

ECR is led by an experienced 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.



Andrew Scott
*Non-Executive
Director*

Andrew brings extensive strategic advisory experience to resources companies listed on both the LSE and ASX, with a proven track record of guiding small and mid-cap firms through complex transactions and growth initiatives in collaboration with corporate financiers. With expertise in market dynamics and stakeholder engagement, developed through roles at leading advisory firms in Australia and the UK, he holds a BSc in Mathematics and Statistics and currently serves as a Non-Executive Director of AIM-listed Mosman Oil & Gas Limited.



Mike Parker
*Non-Executive
Director*

Mike has extensive experience in exploration and project development, overseeing projects from discovery through construction to production. He had a 22-year tenure at First Quantum Minerals where he held progressively senior country manager positions, and was instrumental in two major copper discoveries: the Lonshi and Frontier mines. He is currently a Director of Aftermath Silver Ltd, a pure-silver exploration play in Chile and Peru and listed in Canada, and Technical Director of Solis Minerals Limited, a critical minerals explorer, focused on South America, with a dual listing in Canada and Australia. At Aftermath Silver, his focus is on the Berenguela deposit with battery metal potential and he leads Solis Minerals' copper exploration programmes.



Chris Gibbs
Proposed Director

Chris has over 28 years' experience in the resources sector across multiple jurisdictions. He was Chief Executive Officer of American Rare Earths Limited and currently serves as a non-executive director of Godolphin Resources Limited. Chris was previously Vice President and General Manager for Argonaut Gold's Canada business where he led the development of the Magino Gold Project. He has also held various leadership roles with Centerra Gold and Thompson Creek Metals, including VP of Operations, General Manager of the Langeloth Metallurgical Company in Pittsburgh and General Manager of the Endako Mine in British Columbia and positions at several large resources companies including Barrick Gold, Placer Dome and Millennium Chemicals.

There are substantial upsides in ECR that could be unlocked in the short, medium and long term

- Targeting revenue from alluvial gold production

SHORT TERM OPERATIONAL UPSIDES

Blue Mountain



- Recovery factor of 91.7% independently tested by Gekko in 2024
- 2025 drilling campaign has evidenced commercial levels (>0.15g/b.c.m) of gold over extensive areas
- Wash plant trials will be conducted shortly to determine commercial quantities of gold that can be recovered

Proposed acquisition of Raglan



- Turnkey project that can be brought into production without the need for any further investment or approvals
- Proximity to Blue Mountain provides operational synergies
- Purchase price of A\$1.1m (c. £540k)

MEDIUM/LONG TERM OPERATIONAL UPSIDES

Exploration upside at Lolworth



- Previous sampling has confirmed high-grade gold and silver-lead mineralisation across multiple targets
- Inaugural drilling campaign now underway
- Presence of rare earths has already attracted interest from James Cook University and Geological Society of Queensland

Joint venture at Creswick



- Proposed JV with Bold Gold
- Bold Gold to invest up to A\$3 million to earn an 80% interest through staged exploration expenditure
- Initial A\$250,000 exploration commitment to be spent in the first 12 months

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Overview of the three project areas

QUEENSLAND

Flagship alluvial projects and majority of ECR's land holdings

VICTORIA

Tenements located within the historic "gold rush" areas of Ballarat and Bendigo

OTHER ASSETS

A\$75 million of unutilised tax losses and prospective A\$2 million royalty

Overview of the three project areas

QUEENSLAND

Flagship alluvial project and majority of ECR's land holdings

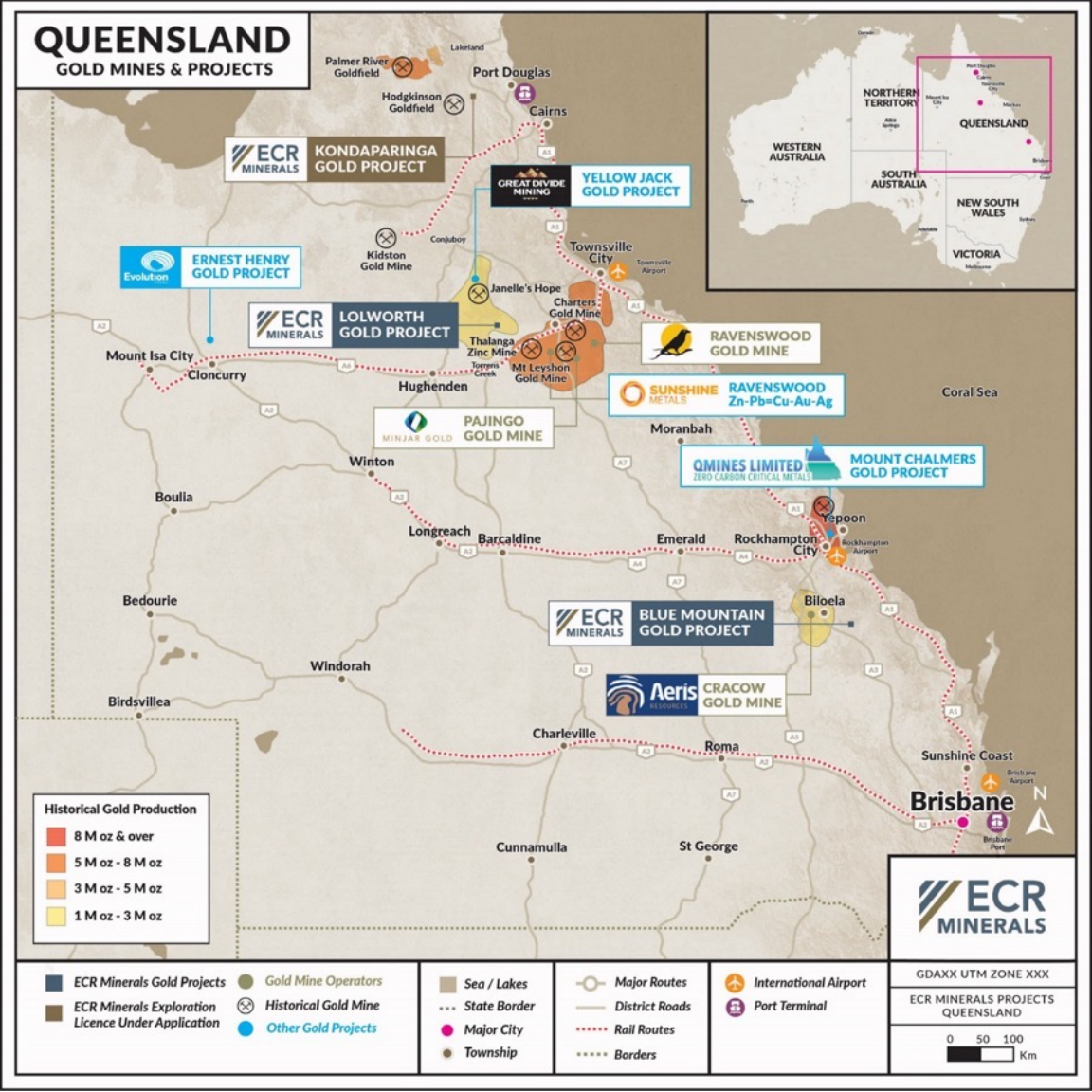
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1 Queensland overview



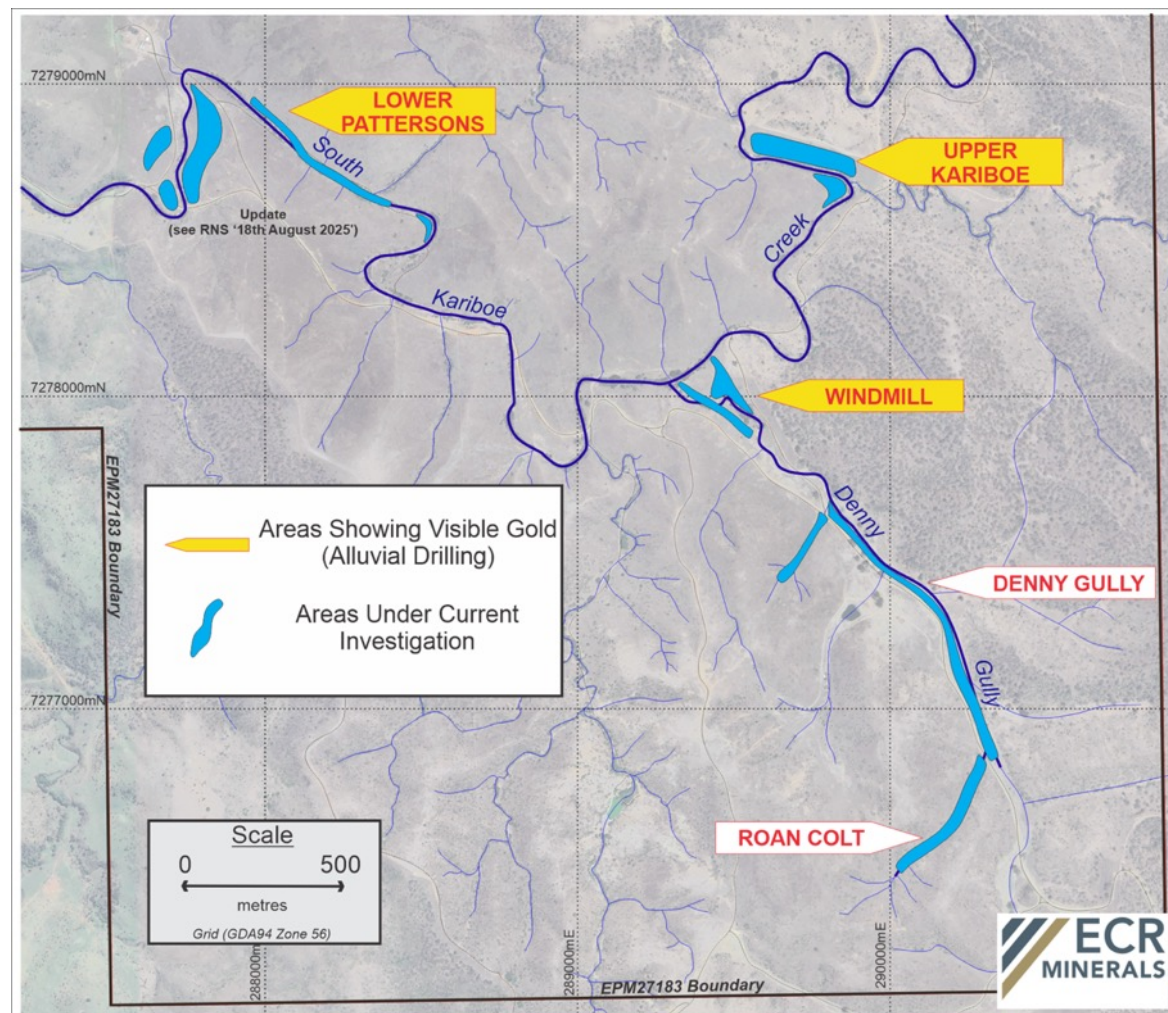
Lolworth located approximately 120km west of the historic gold mining centre of Charters Towers, North Queensland, Australia, and consists of three exploration tenements. Numerous Gold, Niobium and REE anomalies have been identified within the project which covers 900km².

Kondaparinga is approximately 120km² in area 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 license is currently in final review prior to being awarded.

Blue Mountain and neighbouring **Raglan** are alluvial gold projects. Blue Mountain has been shown to have 91.7% recovery and extensive commercial ground. Raglan is a turnkey project with a mining licence and all facilities already in place.

1 Blue Mountain

Flagship project with near term production capabilities



- 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
- Gekko Systems Pty Limited carried out the Single Stage Gravity Recoverable Gold ("GRG") test and Sighter Leach test in 2024
- GRG test work on ore samples demonstrated a recovery rate of 91.7% gold into 0.40% of the mass
- These findings indicate that the ore located at Blue Mountain is suitable for gravity concentration using a batch centrifugal concentrator ("BCC")
- Results to date from 2025 drilling campaign highlight the increasing scale and potential of the gold-bearing gravels at the Blue Mountain Project
- Commercial levels ($>0.15\text{g/b.c.m}$) of gold shown over extensive areas with assay results corroborating visible gold in panned concentrates

1 Blue Mountain illustrative projections

Extensive area creates scalable project opportunities

	ONE PLANT		TWO PLANTS		LARGER PLANTS
Wash plant capacity (per hour)	25	40	50	60	
Monthly revenue (A\$)	544,000	871,000	1,088,000	1,306,000	
Gold (grammes)	3,347	5,355	6,694	8,033	
Gold (ounces)	118	189	236	283	

**Based on gold price of US\$3,290 / oz*

- Alluvial gold recovery is highly sensitive to the rate at which material can be processed
- Original project planning was based on a wash plant with a 25 tonne per hour capacity but the scale of the Blue Mountain Project would potentially support a larger plant, subject to a suitable design and the availability of sufficient water
- The opportunity has also attracted interest from third party production partners
- Rising gold price during 2025 further enhances the potential profitability of the project

1 Raglan

Proposed acquisition of fully equipped project with mining licence



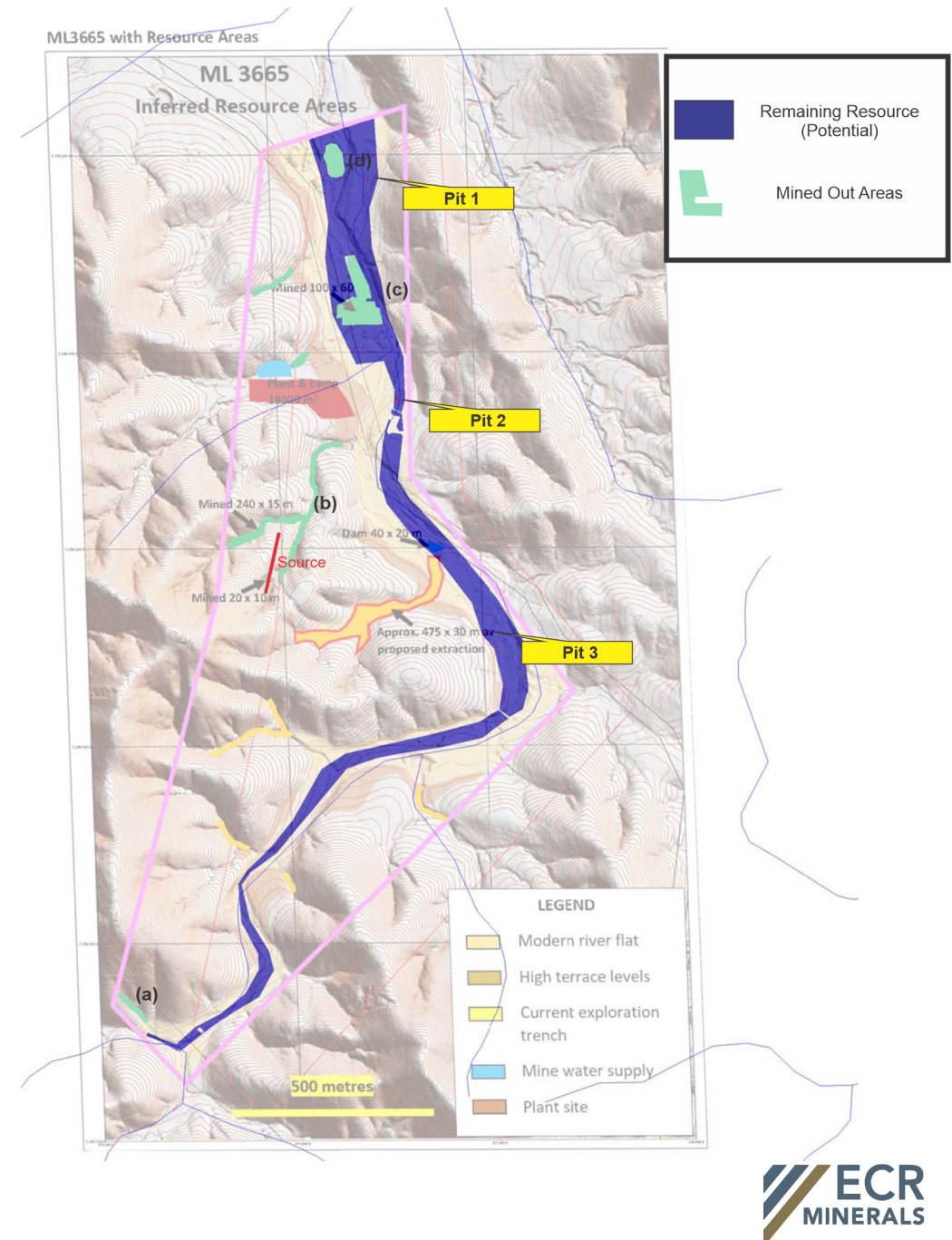
- **Strategic Expansion:** The Raglan Project is located close to ECR's Blue Mountain Project and, if completed, the Proposed Acquisition would expand ECR's position in a highly prospective alluvial gold region. Significantly the Raglan Raglan Project is located only around 5km from the main road with no access constraints.
- **Established Infrastructure:** The Raglan Raglan Project includes a near-new 60 tonne-per-hour wash plant with only 780 hours of operational history, trommel, concentrator, gold room, fuel storage, several mobile mining vehicles, and supporting infrastructure – delivering a turnkey production-ready operation.
- **Mining Lease:** The Raglan Project includes a granted mining lease covering approximately 300 acres, enabling commencement of mining operations in the nearer-term following completion of the Proposed Acquisition.
- Acquisition terms: A\$1.1 million (c. £540,000)
- On site due diligence currently underway to:
 - Validate commercial gold recovery
 - Test and assess quality of plant and equipment

1 Raglan

Due diligence findings from three test pits

- Gold produced during due diligence at Raglan was coarse, often with sharp edges indicating a local source
- Some particles of gold were observed attached to quartz indicating a local source of the gold may be in the upper part of the lease
- Around 75% of the gold recovered is in small nuggets (up to 0.5g pieces) with the balance being recovered in the fine gravity concentrator
- Grades comparable to Blue Mountain based on findings so far
- Mining to date has been largely small scale with several untested areas and depths
- Plant and equipment in good order and with a second hand value around A\$1 million*
- Estimated daily costs of operations, inclusive of diesel and 2 personnel would be around A\$3k per day which
 - At the current gold price, production of around 0.6 oz/day would cover overheads*

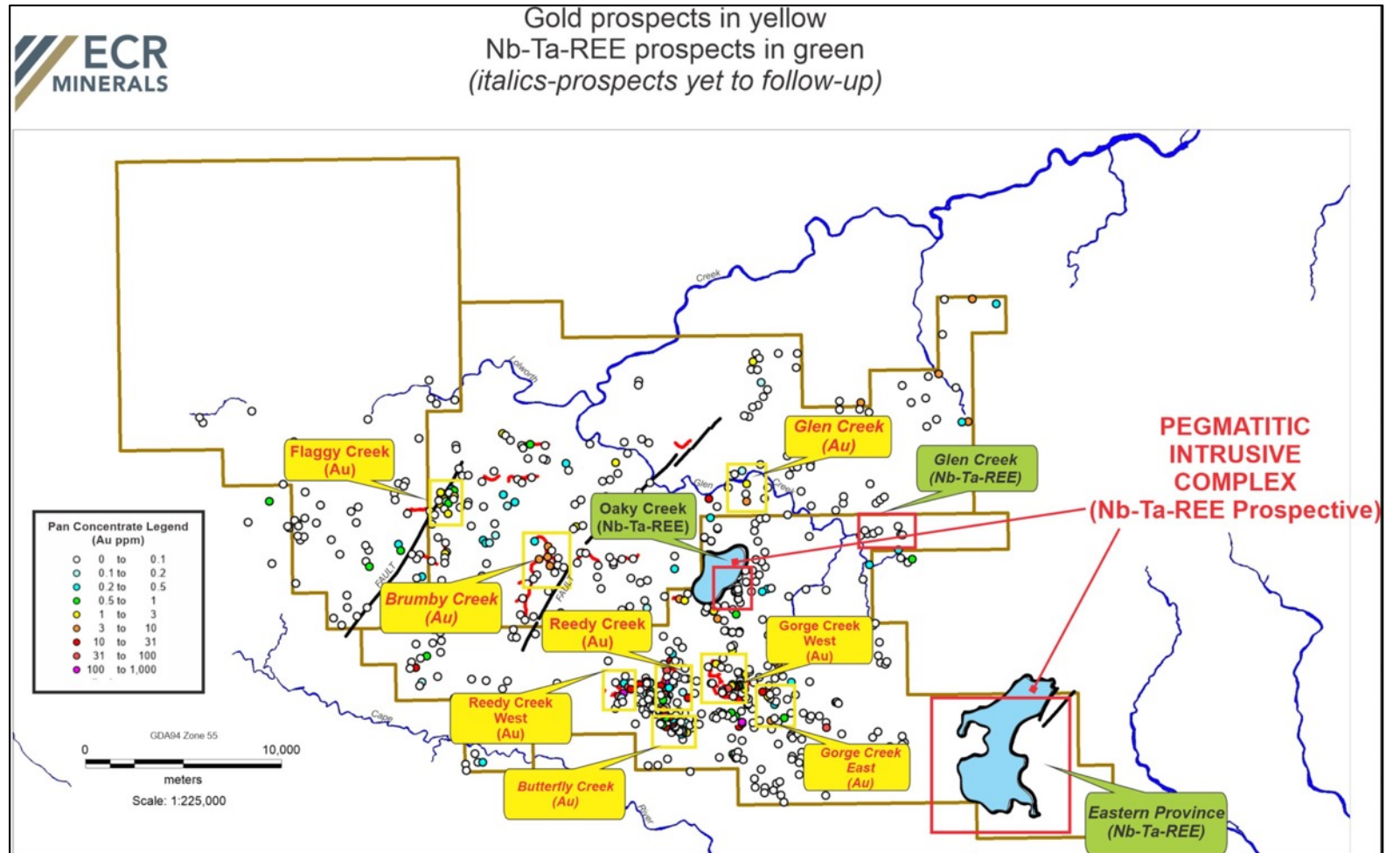
*ECR estimate



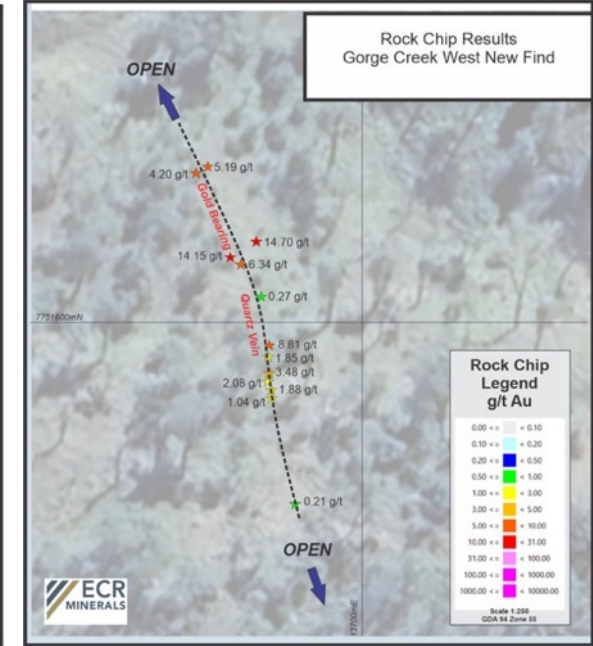
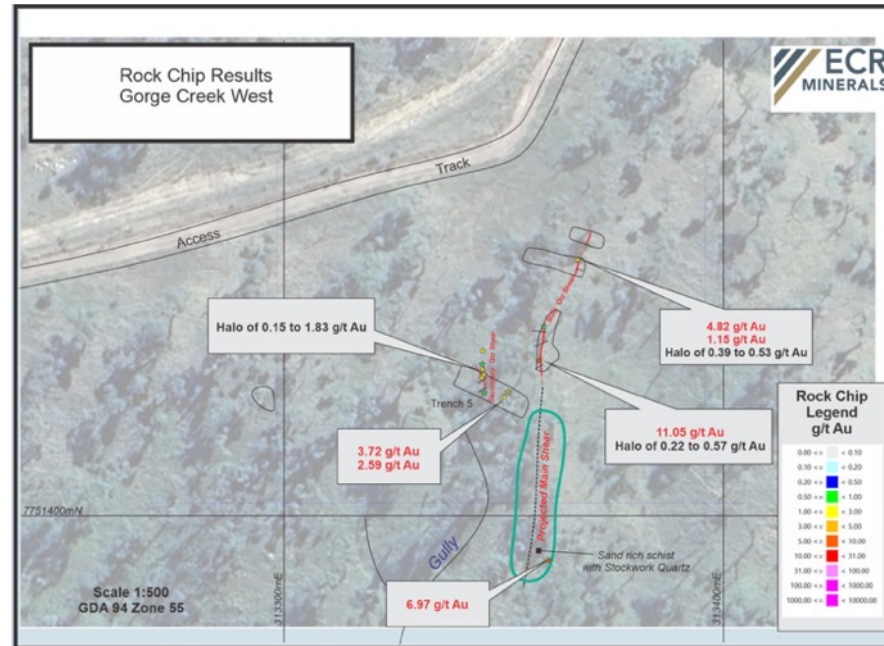
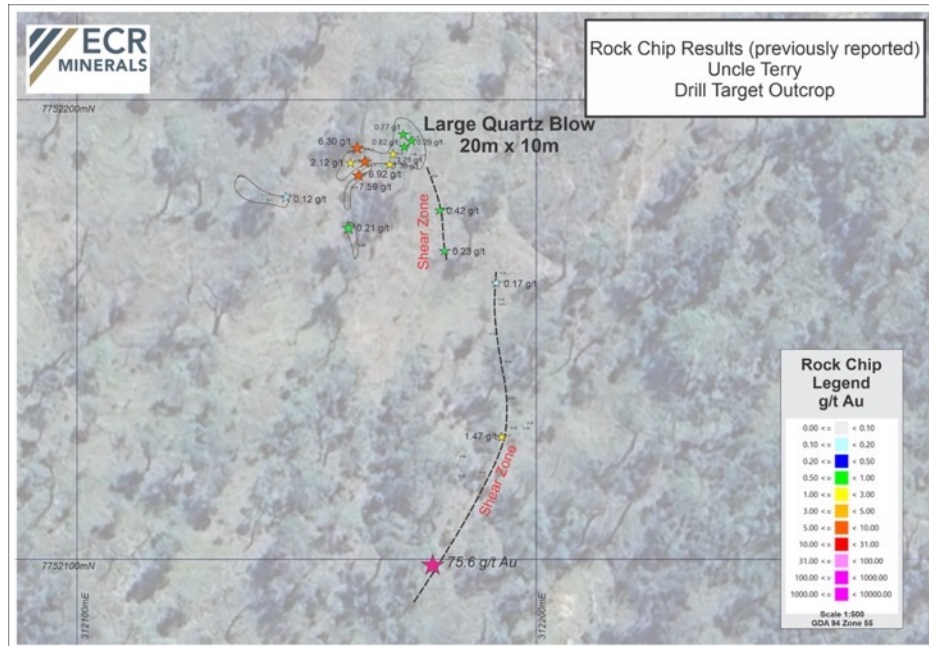
1 Lolworth

Extensive unexplored area in a region with a successful gold mining history

- The geological rocks of the Lolworth area are similar to the host rocks in the nearby gold rich provinces of Charters Towers and Ravenswood
- Surface exploration included 378 rock chip samples 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



1 Lolworth



- Ongoing work programme at the Lolworth Project to drill a series of 40m to 80m holes within the tenement
- Around 1,500 metres of percussion drilling is planned
- Gold targets defined at Gorge Creek West, Uncle Terry and Gorge Diggings
- Historical alluvial mining evidence also suggests significant downstream gold potential, which remains untested by modern exploration methods

Overview of the three project areas

QUEENSLAND

Flagship alluvial project and majority of ECR's land holdings

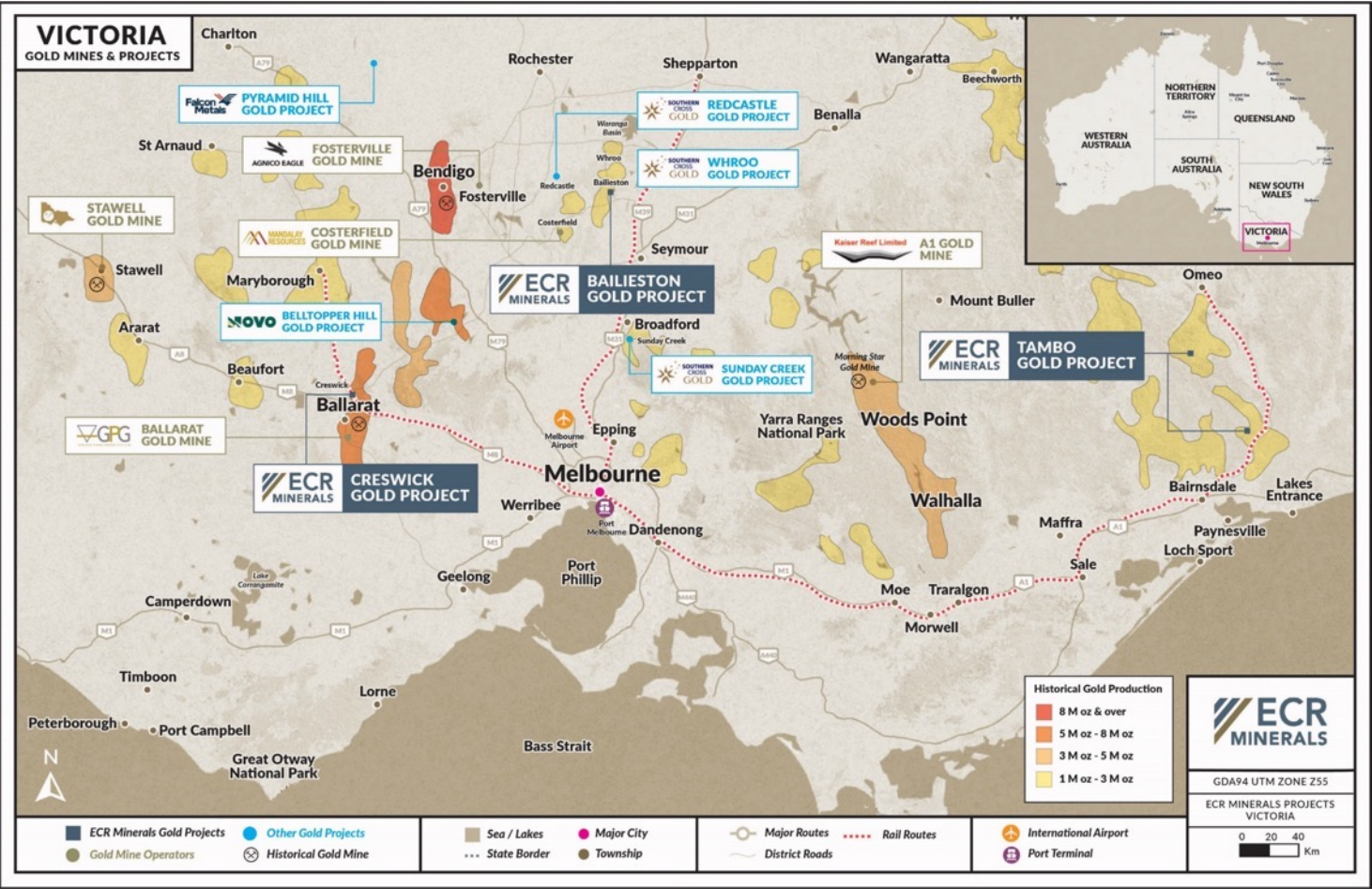
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OTHER ASSETS

A\$75 million of unutilised tax losses and prospective A\$2 million royalty

2 Victoria overview

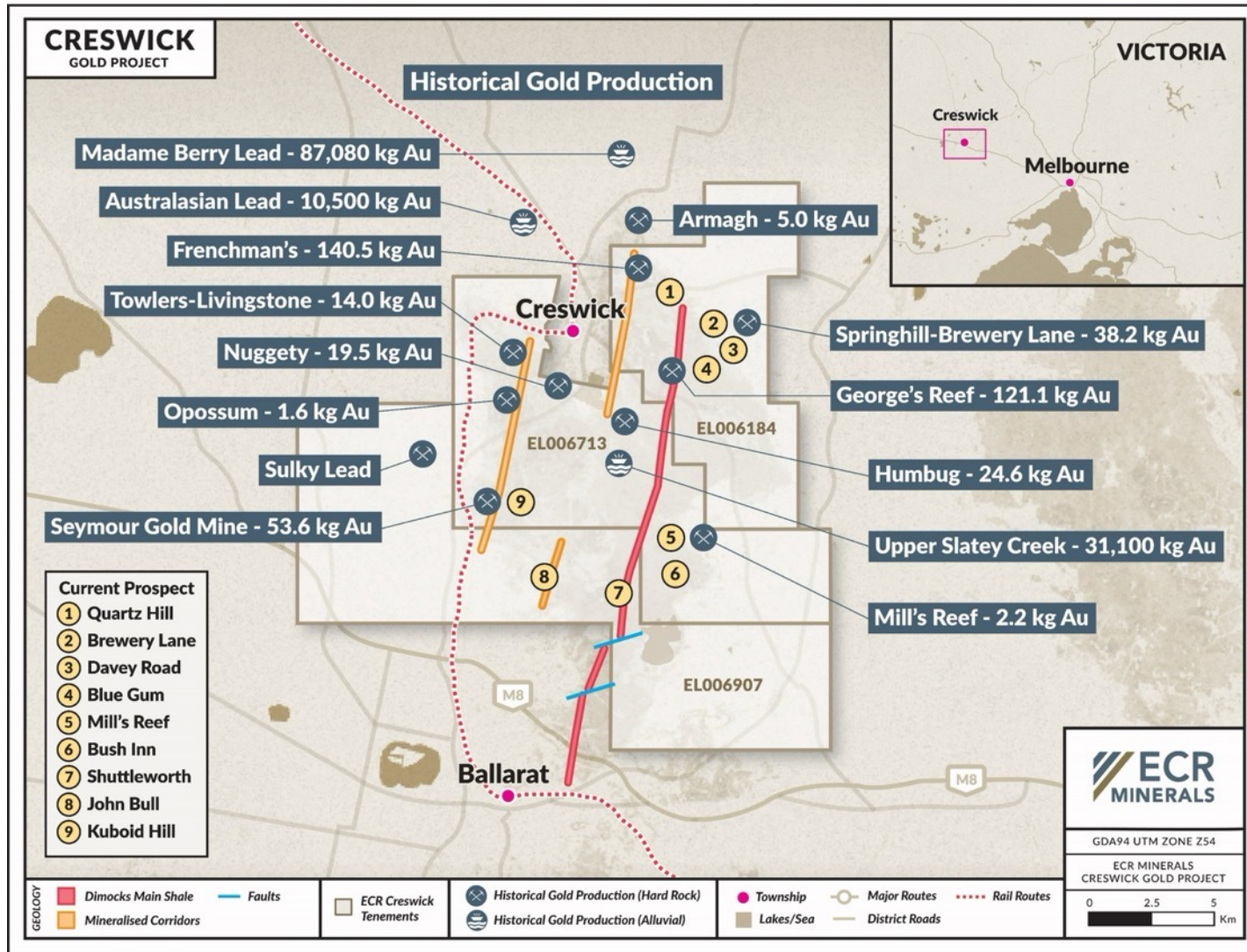


Creswick consists of three licences and is considered highly prospective for gold mineralisation hosted within a geo anomaly known as the Dimocks Main Shale.

Baileston 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

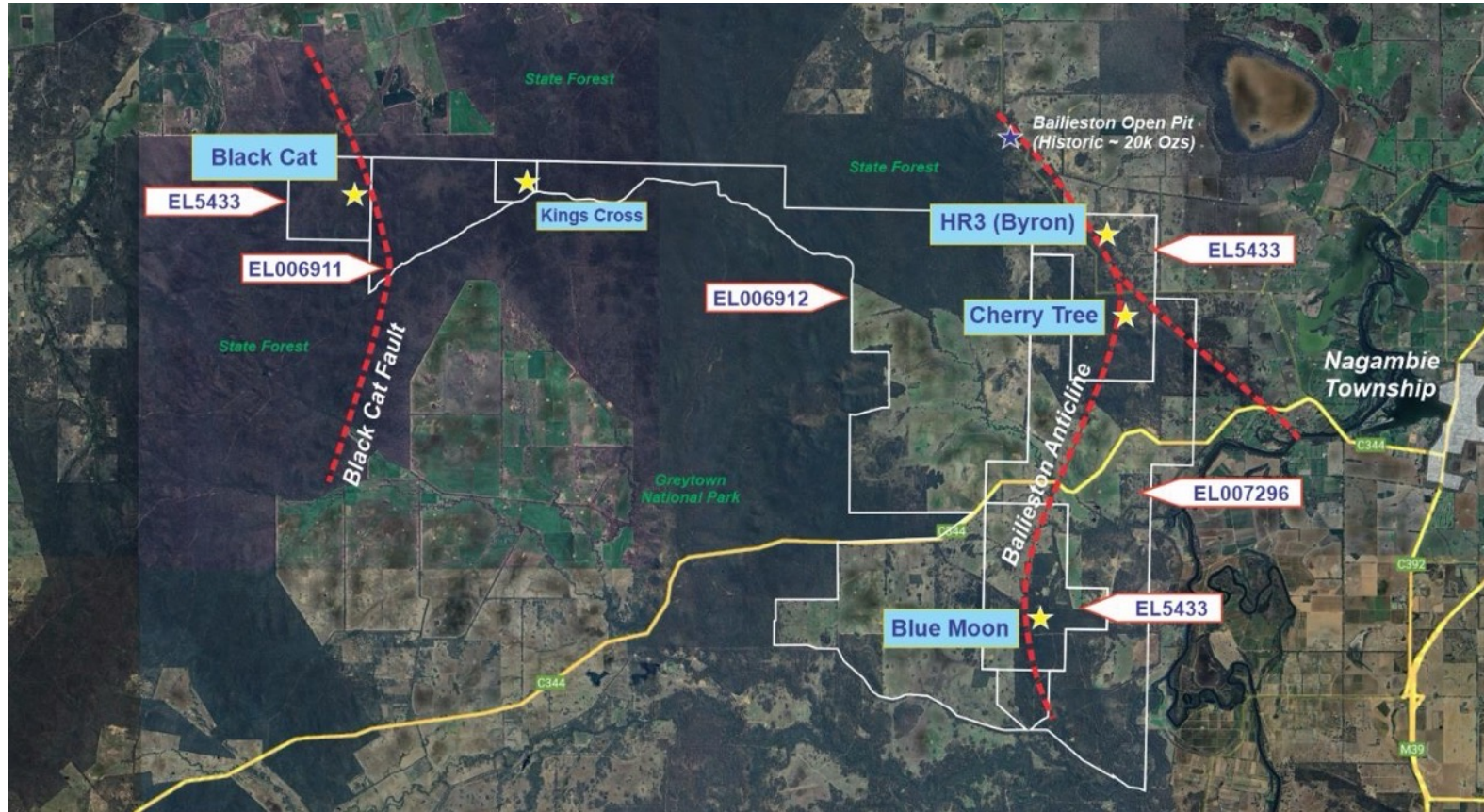
2 Creswick – proposed joint venture



- Proposed JV with Bold Gold is expected to fund exploration costs at Creswick without further dilution to ECR shareholders
- Bold Gold would have initial A\$250,000 exploration commitment to be spent in the first 12 months
- Thereafter Bold Gold would invest up to A\$3 million to earn an 80% interest through staged exploration expenditure
- ECR would retain a minimum 20% interest in Creswick or alternatively elect to receive a royalty interest
- JV committee, comprising two representatives from each company, to determine work programme
- JV subject to due diligence by Bold Gold and entry into a legally binding JV agreement

2 Bailieston

Gold and antimony potential in area neighboured by substantial mining operations



- Four-hole diamond drilling programme in 2025 at Bailieston intersected gold and antimony mineralisation
- Consistency between two successful holes, particularly the identification of stibnite, reinforces management's confidence in the structural model and the broader mineralised system
- This follows previous exceptional result of 0.3m grading 32% Sb
- Ongoing fieldwork at the Bailieston Project along strike and across parallel vein systems, including at the Hard Up Reef area, continues to indicate strong gold potential

2 Tambo



- Maiden drilling campaign at Tambo in 2024 targeted beneath the historical workings of the Duke of Cornwall mine, Swifts Creek
- Five diamond drill holes over a total depth of 428 metres
- Campaign provided valuable structural data, confirming the association of gold mineralisation with quartz veining adjacent to the main shear zone
- Previous rock chip assays from 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
- The Duke of Cornwall Lode system remains largely untested, with approximately 80% of its strike length unexplored



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Flagship alluvial project and majority of ECR's land holdings

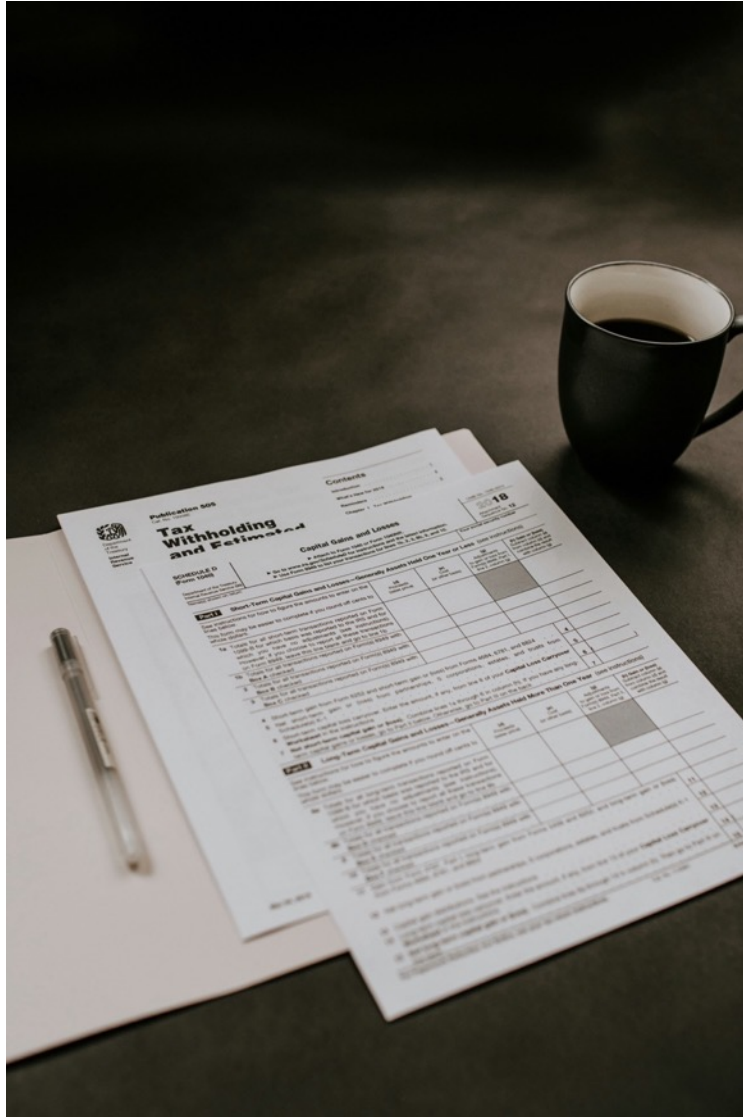
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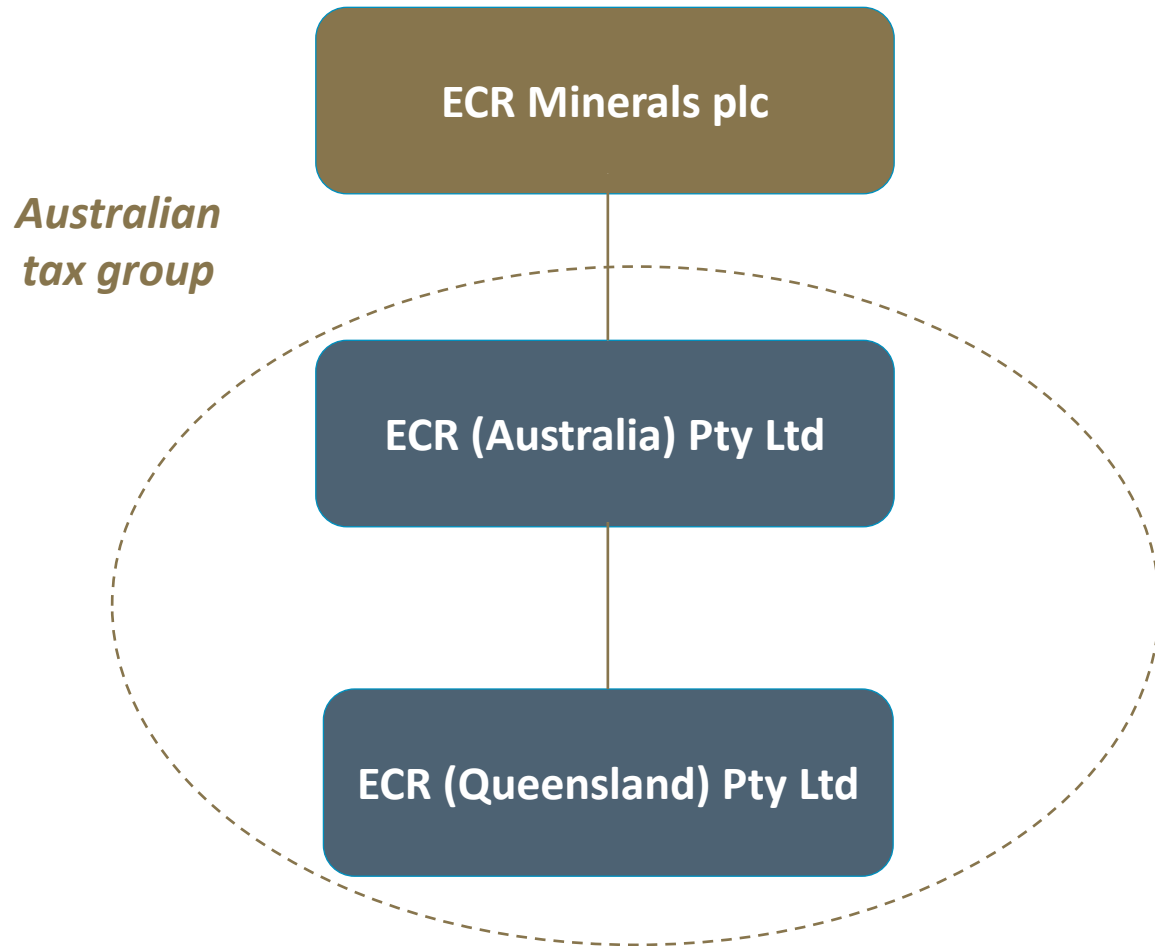
3 A\$75 million of tax losses



- ECR Minerals Australia Pty. Ltd ("ECR Australia"), ECR's wholly owned subsidiary, holds A\$75 million of tax losses – incurred since 2006 to date
- 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 value of approximately A\$18 - 22 million to the company
- Alternatively they could be sold as part of a sale of operations, meaning that a buyer could acquire a restructured ECR Australia comprising non-core assets but with valuable tenements removed
- 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 ECR Australia's losses predate 2015, any buyer will need to comply with the tighter historic rules
- Any sale valuation would 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

3 The value of the tax losses to ECR

The long term gain of retaining the tax losses may realise far greater value for ECR as they can be applied to offset profits at Blue Mountain or Raglan production



- ECR's group structure ensures that all projects are owned, directly or indirectly, by ECR Minerals (Australia) Pty Ltd
- Provided the ownership structure remains as it is, profits generated from future operations may be offset against the tax losses

- Creswick
- Bailieston
- Tambo

- Blue Mountain and Raglan
- Lolworth
- Kondaparinga

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Capital structure and share price performance



- ECR has only ordinary shares in issue
- Ordinary shares in issue: **2,269,512,954**
- All directors have been remunerated partially in equity since September 2023
- Quarterly awards based on share price performance
- Director holdings
 - N Tulloch: 2.96%
 - A Scott: 1.09%
 - M Parker: 0.31%
- Options in issue: **210,000,000**
 - Exercise price 0.50 – 0.75 pence
- No debt

CONCLUSION

ECR offers near term revenue potential from Blue Mountain and Raglan production coupled with ongoing development upside at Lolworth and Creswick

ECR MINERALS PLC



OPERATIONAL UPSIDE



BLUE MOUNTAIN PRODUCTION

- Drilling programme completed and results awaited
- Wash plant trials to take place during October



TURNKEY DEVELOPMENT OF RAGLAN

- Proposed acquisition will extend the overall Blue Mountain project
- Mining licence and full plant & equipment in place



LOLWORTH EXPLORATION

- Gold, silver and rare earths opportunity
- Ongoing drilling campaign designed to extend previous successful surface exploration

FINANCIAL UPSIDE



A\$75M TAX LOSSES

- Sale of tax losses may provide short term cash.....
-but application of tax losses to Blue Mountain and Raglan production will provide greater longer term upside



JOINT VENTURE AND ROYALTY

- A\$2m royalty on previous sale of assets at Fosterville
- Proposed JV at Creswick is expected to fund exploration costs without further dilution to ECR shareholders

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Raglan equipment and facilities



Raglan equipment and facilities



Course gold at Raglan



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