



FOCUSED ON DELIVERING

The Next Multi-million Ounce Gold Resource

Ongoing Shareholder Value

Disclaimer

This presentation is being supplied to you by ECR Minerals plc (the “Company”) solely for your information and may not be reproduced or redistributed in whole or in part. This document has not been approved by a person authorised under the Financial Services and Markets Act 2000 (“FSMA”) for the purposes of section 21 FSMA.

This presentation does not constitute, or form part of, a prospectus relating to the Company nor does it constitute or contain any invitation or offer to any person to underwrite, subscribe for, otherwise acquire, or dispose of any shares in the Company or to advise persons to do so in any jurisdiction, nor shall it form the basis of or be relied upon in connection with any contract or commitment whatsoever. Recipients of this presentation who are considering a purchase of shares in the Company are reminded that any such purchase must be made solely on the basis of information that the Company has released into the public domain.

Whilst all reasonable care has been taken to ensure that the facts stated in this presentation are accurate and that any forecasts, opinions and expectations contained in this presentation are fair and reasonable, the information contained in this document has not been independently verified and accordingly no representation or warranty, express or implied, is made as to the accuracy, fairness or completeness of the information or opinions contained in this presentation. None of the Company, its shareholders or any of their respective advisers, parents or subsidiaries nor any of their respective directors, officers, employees or agents (including those of their parents or subsidiaries) accepts any liability or responsibility for any loss howsoever arising, directly or indirectly, from any use of this presentation or its contents.

This presentation does not constitute a recommendation regarding the shares of the Company. Recipients of this presentation should conduct their own investigation, evaluation and analysis of the business, data and property described therein. If you are in any doubt about the information contained in this presentation, you should contact a person authorised by the Financial Conduct Authority who specialises in advising on securities of the kind described in this presentation.

Certain statements within this presentation constitute forward looking statements. Such forward looking statements involve risks and other factors which may affect the actual results, achievements or performance expressed or implied by such forward looking statements. Such risks and other factors include, but are not limited to, general economic and business conditions, changes in government regulations, currency fluctuations, the gold price, the Company’s ability to recover its resources/reserves or develop new resources/reserves, competition, changes in development plans and other risks. Some statements may constitute the opinions of the Company’s directors.

There can be no assurance that the results and events contemplated by the forward looking statements contained in this presentation will, in fact, occur. These forward looking statements are correct or represent honestly held views only as at the date of delivery of this presentation.

The Company will not accept any obligation to release publicly any revisions to these forward looking statements to reflect events, circumstances and unanticipated events occurring after the date of this presentation except as required by law or by regulatory authority.

By accepting this presentation, you agree to be bound by the above provisions and limitations and to keep permanently confidential the information contained in this presentation or made available in connection with further enquiries to the extent such information is not made publicly available (other than through a breach by you of this provision).

About ECR Minerals



ECR Minerals (LON:ECR) is an AIM listed exploration and development company focused on discovering the next multi-million ounce gold resource.

The Company has a gold focused portfolio of project interests in the heart of the Victoria goldfields, Australia.

The goldfields are home to some of the highest grade producing gold mines in the world and the Company has an exploration footprint of over 1000 square kilometres of granted and licences under application.

The Board and its team of consultants have significant experience of advancing early stage gold exploration targets through to discovery, feasibility and ultimately mine construction and production.





Why Invest in ECR Minerals?



100% ownership of all Australian Gold projects in the world class Victoria Goldfields.

Strategically identified projects that exhibit desirable geology, location and historical data to suggest that they can deliver the next multi-million ounce gold resource.

ECR is fully funded until 2023 against planned works with working capital of £4M and the Company benefits from an existing warrant structure that has the potential to deliver a further £1.7M if exercised.

Board of Directors with previous experience of defining JORC resources, building mines and commercial transactions.

High grade drilling intersections up to 81 g/t gold at 100% owned Creswick & Bailieston gold projects.

ECR are in advanced discussions with multiple interested parties for the Creswick gold project

ECR has purchased its own diamond drill rig and is currently drilling at Bailieston.

Potential for up to £3.25 million income-stream from recent sale of Argentinian assets and sale of licences to Fosterville South Exploration.

Drilling and multiple other exploration activities ongoing delivering constant news flow for 2021.

Board of Directors



Craig Brown

Director & Chief Executive Officer

Craig Brown was appointed as Finance Director in May 2016 and CEO of ECR in September 2016. A founding shareholder of Kryso Resources plc, now known as China Nonferrous Gold Ltd, Craig acted as Finance Director of Kryso before becoming Managing Director in 2010, stepping down from the board in September 2013. During this period, Kryso / CNG delineated a 5million ounce JORC Mineral Resource at the Pakrut gold project in Tajikistan, completed a bankable feasibility study for the project, obtained debt and equity finance for mine development, and commenced construction of the mine and infrastructure

Prior to his roles with Kryso, Craig held senior management positions with two Canadian listed mining company's, both of which also successfully put gold mines into production during his tenure

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 which was formerly known as Kryso Resources plc. China Nonferrous Gold is focused on the Pakrut gold mine in Tajikistan, where first gold was poured in 2015. Mr Tang has previously served as a director to several companies involved in mining or exploration in Africa, South-east Asia and Australia.

Mr Tang graduated with a BSc degree (1988) majoring in computer science from Central-South University, China and also holds a MSc degree (1991). In the 1990s, he pioneered the trading system for the first nonferrous metals futures exchange in China. He worked for several years in Canada in investment management and consulting, before returning to China to take up office at CNMIM in 2003.

Adam Jones

Non-Executive Director

Adam Jones holds a Bachelor of Science degree from Ballarat University and First Class Honours from Adelaide University. He has over 10 years of experience as a professional geologist in Australia, including significant experience of gold exploration and production, and lives in Victoria within easy reach of ECR's Bailieston and Creswick gold projects. As a member of the Australian Institute of Geoscientists (AIG), Adam has worked as an independent consulting geologist since 2015. His clients include or have included the A1 gold mine, Dart Mining and Nagambie Resources in Victoria and Vendetta Mining in Queensland.

Adam is experienced in planning and supervising resource drill programmes, geological interpretation, geotechnical and fault modelling, geological mapping and sampling, turbidite sequence-structural interpretations, wireframing and 3D modelling using Vulcan Software.



Share Capital Structure and Major Holders

Major Shareholdings by Registered Shareholder

HARGREAVES LANSDOWN (NOMINEES) LIMITED <15942>	12.54
BARCLAYS DIRECT INVESTING NOMINEES LIMITED <CLIENT1>	8.53
HARGREAVES LANSDOWN (NOMINEES) LIMITED <HLNOM>	7.47
HARGREAVES LANSDOWN (NOMINEES) LIMITED <VRA>	7.26
INTERACTIVE INVESTOR SERVICES NOMINEES LIMITED <SMKTISAS>	6.89
THE BANK OF NEW YORK (NOMINEES) LIMITED <672938>	6.77
INTERACTIVE INVESTOR SERVICES NOMINEES LIMITED <SMKTNOMS>	5.64
HSDL NOMINEES LIMITED	5.40
HSDL NOMINEES LIMITED <MAXI>	3.92
LAWSHARE NOMINEES LIMITED <SIPP>	3.91
JIM NOMINEES LIMITED <JARVIS>	3.56
HSBC CLIENT HOLDINGS NOMINEE (UK) LIMITED <731504>	3.51

Number of ordinary shares in issue:
877,164,658

Shares not in public hands:
61,191,375 (6.98% of issued ordinary shares)

The information on this page is disclosed in accordance with AIM Rule 26, and was correct as at 12 February 2021.

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

Directors' Shareholdings

Craig Brown

4,406,412

David Tang

1,428,572

The Strategic Advantage



As part of a strategic review in early 2020 the Board of Directors took the business decision to purchase a diamond drilling rig and associated tooling to allow the Company to run its own exploration and drilling programmes.

The purchase was further strengthened with investment to secure buildings and infrastructure for a core shed and associated laboratory processing hardware and analysis equipment.

The strategic approach has given the Company distinct advantages over its peers:

- ❖ Drill programmes are reactive and not constrained by drill rig and crew availability.
- ❖ The company can operate on 24/7 drilling availability, with programmes that can be extended or revised based on initial geologist feedback.
- ❖ The core shed and laboratory facility allows for safe storage of drill core and processing of core for quick analysis.
- ❖ Exploration costs are significantly less and easier to manage, enhancing shareholder value and reducing overheads.

An aerial photograph of a vast, dense forest. A bright, ethereal light beam originates from the top left corner, shining diagonally across the canopy. The forest is composed of numerous tall, thin trees, creating a textured green and brown surface. The overall tone is slightly desaturated, giving it a cinematic or historical feel.

AUSTRALIA

Victoria Goldfields

Why Invest in Australia?



Australia is a country with enormous mineral resources and is home to a vibrant mining industry. Australia continues to be well positioned to meet the growing global demand for vital mineral and energy commodities.

Australia is ranked 2nd in terms of the global mining investment attractiveness ranking based on the Fraser Institute annual 2019 survey.

Superior road, rail and port infrastructure to facilitate the mining industry.

An open for business attitude towards mining with all states operating transparent and efficient mining legislation.

All States in Australia provide a secure place for resources sector investment through a supportive government, strong economy, mature financial and support service sectors, and skilled workforce.

Victoria Gold Projects

World's Best Gold Postcode



The Victoria Goldfields are home to some of the world's highest grade producing gold mines and is a world-renowned gold province with a variety of deposit styles.

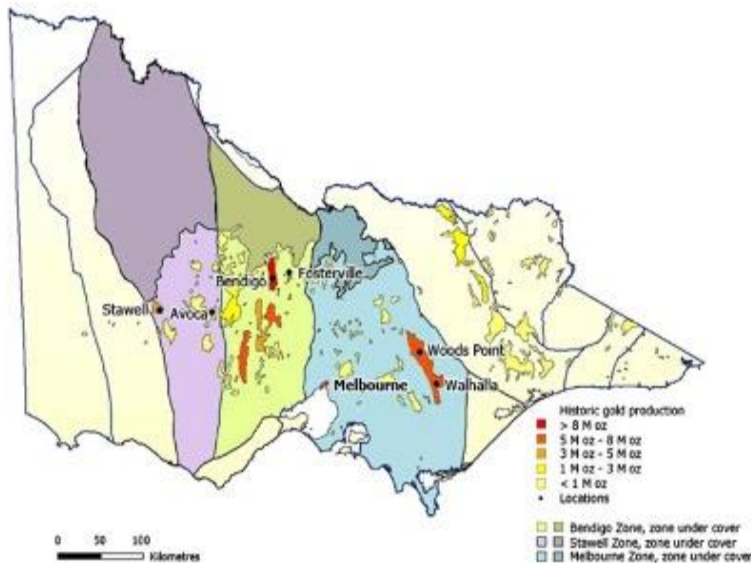
Production in Victoria is currently in the order of approximately 650,000 ounces of gold per annum, coming mainly from the world-class Fosterville deposit, Ballarat, Costerfield and Stawell.

The Fosterville Mine is the largest gold producer in the state with 2019 full production of 619,366 ounces of gold with head grades approaching 40g/t.

13 goldfields have each produced more than one million ounces.

The Geological Survey of Victoria suggest that there may be up to 75 million ounces of gold still to be found in the northern parts of the Stawell, Bendigo and Melbourne zones, including multiple million-ounce occurrences.

ECR's is focused on delivering the next multi-million ounce gold resource within the region.



Victoria Goldfields Portfolio

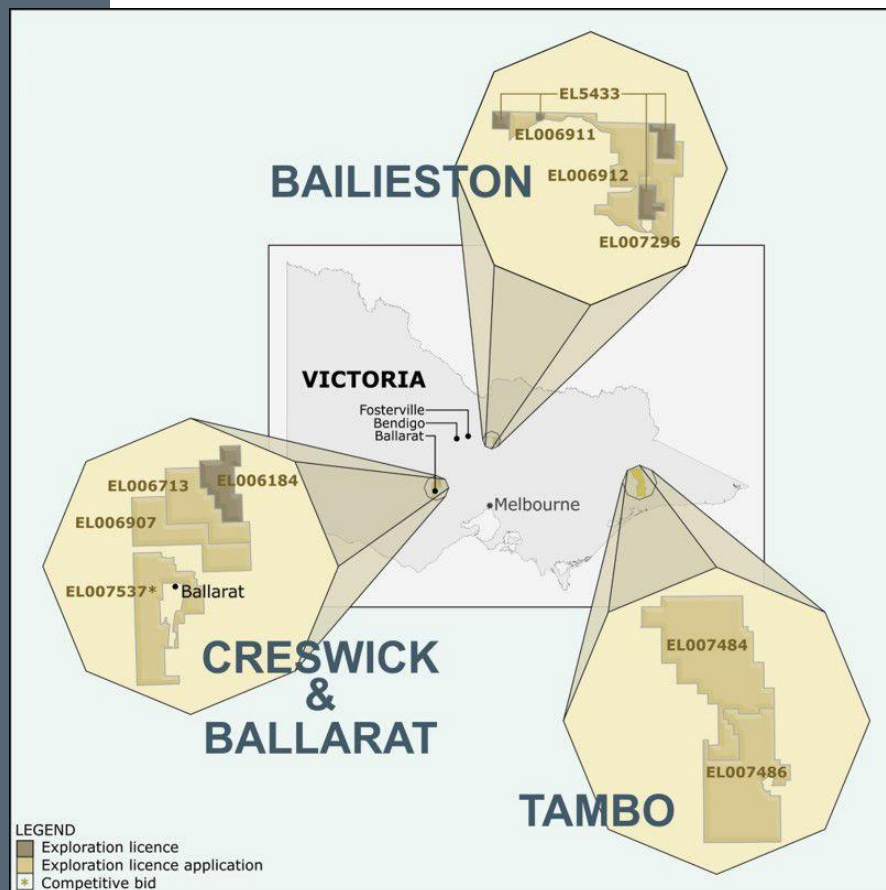


ECR's wholly owned Australian subsidiary Mercator Gold Australia Pty Ltd (MGA) has built a strategic portfolio of exploration ground in the Victoria Goldfields with granted and application licences totaling some 1,175 square kilometres.

The **Bailieston Gold Project** is at the epicenter of the current gold exploration boom in Victoria, being located close to the highly successful Fosterville mine owned by Kirkland Lake Gold. This point is underlined by the arrival of a subsidiary of Newmont Mining in the district with an application for ground immediately to the north of the Black Cat prospect.

The **Creswick Gold Project** is considered highly prospective for gold mineralisation hosted within the Dimocks Main Shale, which extends over a 15km trend from the mining centre of Ballarat to the south, approximately 7km of which is covered by MGA's licence footprint.

The **Tambo Gold Project** is prospective for orogenic reef gold and additionally for intrusion-related gold & base metal systems. The Company applications cover portions of the historic Swifts Creek, Omeo and Haunted Stream goldfields that have recorded historical gold production of 205,000 and 25,000 oz respectively.



The Bailieston Gold Project



The 100% owned Bailieston Gold project is located approximately 30 km to the east of Kirkland Lake Gold's Fosterville gold mine.

A subsidiary of Newmont Mining holds a significant licence footprint to the north and adjacent to the Bailieston footprint.

The Bailieston Gold prospects include:

- ❖ HR3 (Byron, Maori, Dan Genders, Hard Up Reef & Scoulars)
- ❖ HR4 (Cherry Tree & Cherry Tree South)
- ❖ Black Cat
- ❖ Blue Moon
- ❖ Red & Yellow Moon





HR3 Byron Prospect Bailieston

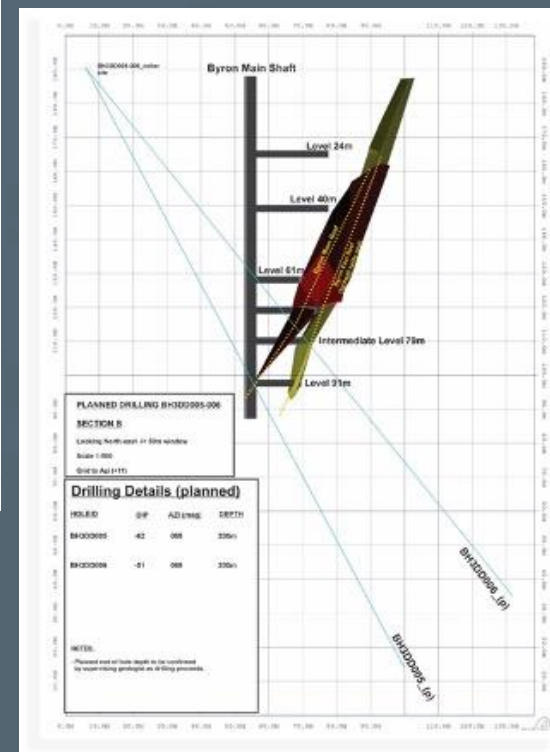
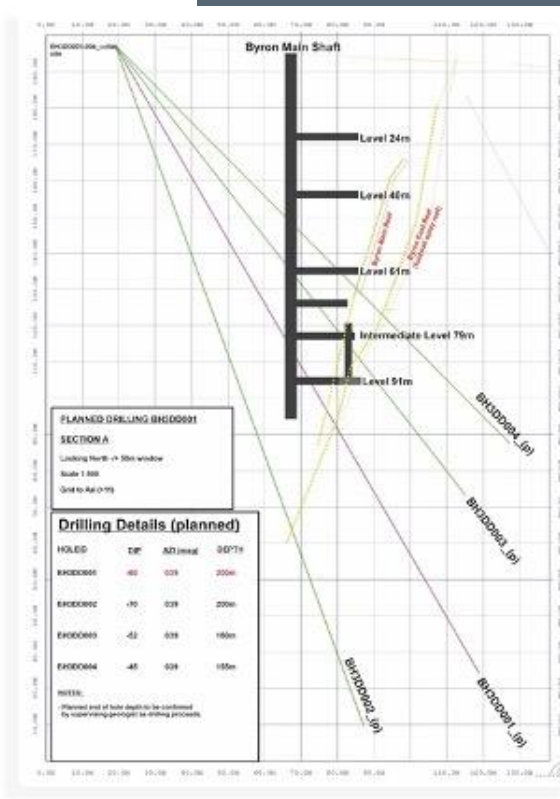
Contains the historic Byron Mine which records show produced 4,416 oz from 8,698 tonnes mined at an implied grade of 15.5 g/t gold.

151 surface rock chip samples were taken in 2018. 51 returned gold grades in excess of 0.5 g/t, with the highest being 67.4 g/t.

Intercepts from historical drilling include 3m at 13.8 g/t gold 2 m at 17.6 g/t and 3 m at 14.74 g/t.

The Company's 100% owned drilling rig "Midas" is currently on site assessing mineralisation at depth with an ongoing 4 hole 705m diamond drilling campaign.

The first cores have been delivered to the laboratory with assay results pending.



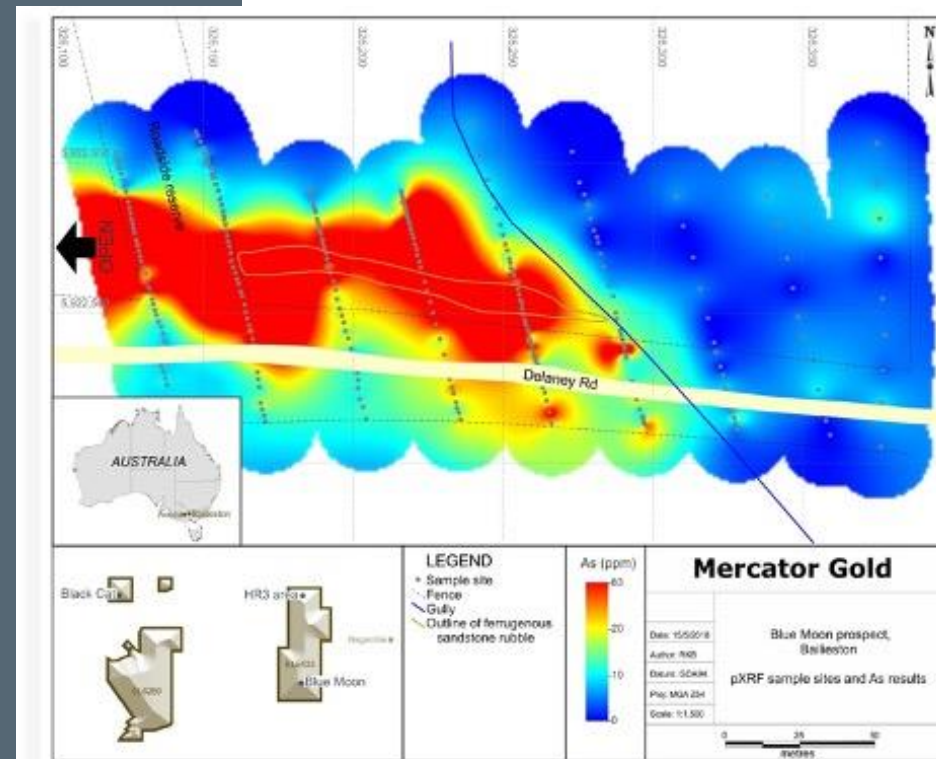
Blue Moon Prospect Bailieston



An arsenic anomalous zone up to 40 m wide and more than 200 m long was identified at Blue Moon, and previous work showed anomalies over a further 150 m to the west.

Assay results from the 2019 RC holes have returned both high grade intervals and significant widths of anomalous gold grades including:

- ❑ 2m at 17.87 g/t gold from 57m down hole in BBM 007 within a zone of 15m at 3.81 g/t gold from 51m
- ❑ 3m at 3.88 g/t gold from 170m down hole in BBM 006 within a zone of 11m at 2.42 g/t gold from 169m.
- ❑ These results indicate that a high grade zone exists within the target sandstone host. This high grade zone will be drill tested with the Company drill rig when all the necessary permitting and approvals are in place.



Black Cat Prospect Bailieston

The Black Cat prospect is among the numerous high priority targets identified in the Bailieston project area.

Successful reconnaissance rotary air blast drilling by the Company targeted numerous quartz reefs at Black Cat with a total of 18 shallow holes for 485 metres of drilling.

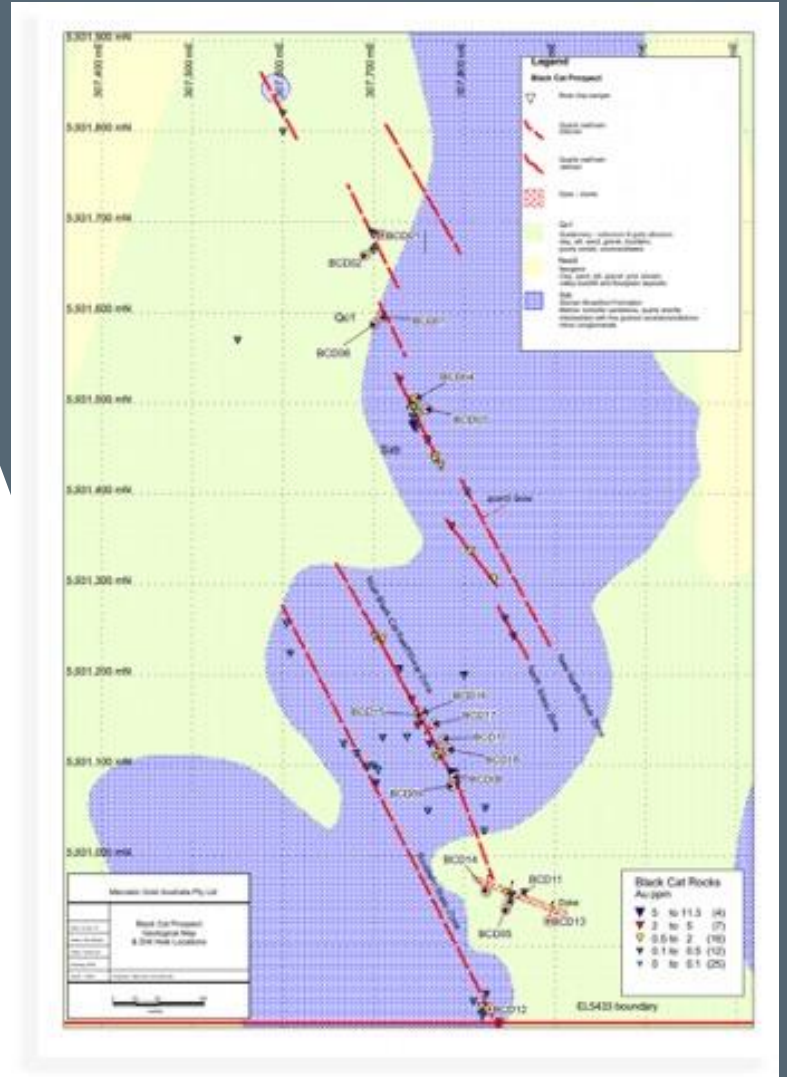
Significant intersections included:

7m at 1.76 g/t gold from 35m in BCD 11

3m at 4.26 g/t gold from 16m in BCD 18

1m at 6.3 g/t gold from 18m in BCD 03

Black Cat is among the numerous high priority targets identified in the Bailieston project area by the geophysical interpretation and targeting study completed for MGA in late 2017 and is located immediately south of territory where a license was applied for in late 2018 by a subsidiary of Newmont Mining.





Creswick Drilling



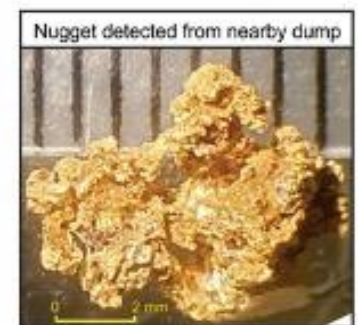
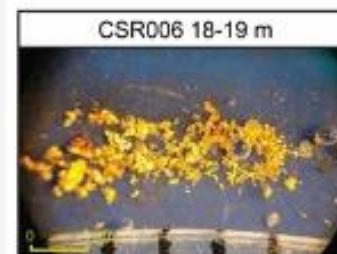
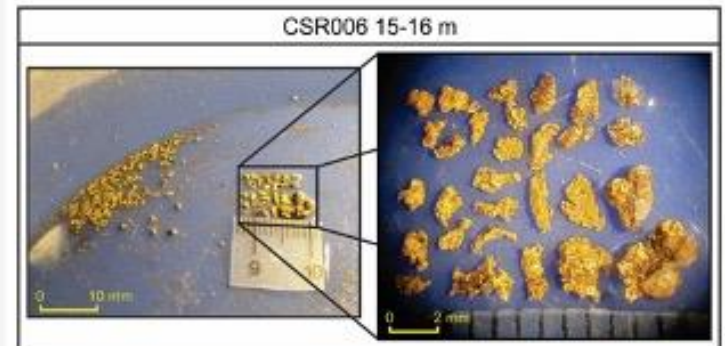
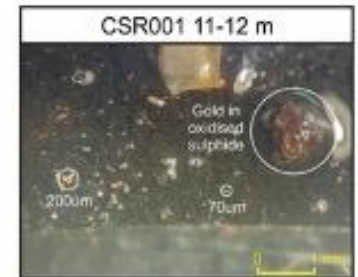
In 2019, the Company undertook in a drilling campaign which returned significant grades in nine holes ranging from 0.6 g/t gold to 44.63 g/t gold.

Following a “whole of bag” testing programme, the highest grade was upgraded to 80.97 g/t gold.

The Company believes the DMS structure holds the potential for a multi-million ounce gold resource.

Currently only 300m of the 7 km DMS zone has been drill tested within the Creswick licence footprint.

During the whole of bag testing process, substantial nuggets were recovered.



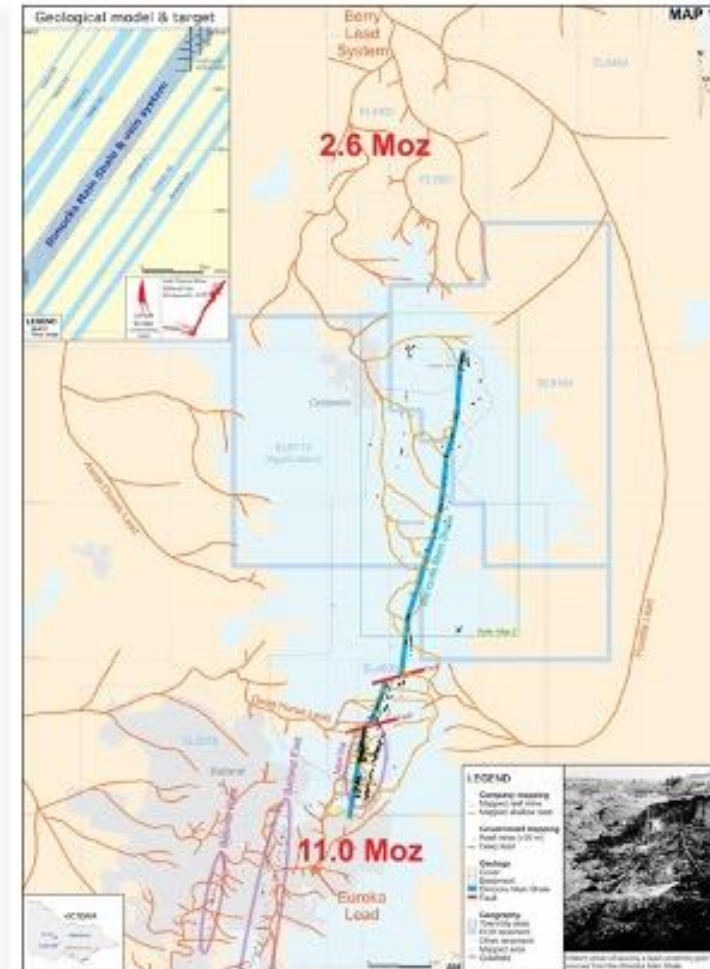


The Board of Directors continue to engage with interested parties over earn-in's or joint ventures at the Creswick Gold Project.

COVID restrictions during 2020 hampered planned site visits and technical due diligence.

With restrictions now easing in the state of Victoria, due diligence has resumed. ECR will of course inform the market with any material updates.

The significant interest shown by several mining groups in the Creswick Gold Project comes as little surprise given the potential the project has to deliver a multi-million ounce gold resource.





The Tambo Gold Project

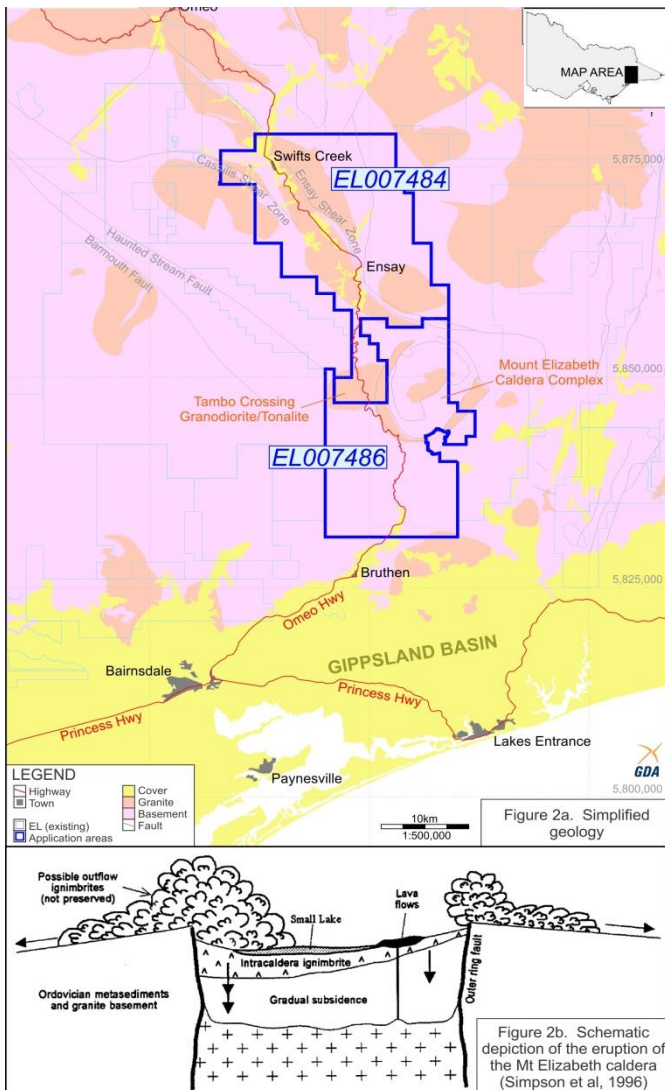
Two new exploration licence applications have been lodged in eastern Victoria: EL007484 (410 sq. km) and EL007486 (318 sq. km), and together represent the Tambo gold project;

Applications cover portions of the historic Swifts Creek, Omeo and Haunted Stream goldfields that have recorded historical gold production of 205,000 and 25,000 oz respectively, according to figures published by the Geological Survey of Victoria;

Project area prospective for orogenic reef gold and additionally for intrusion-related gold & base metal systems.

Our principal geologist, Dr Rod Boucher, was born and raised nearby in Bruthen. He grew up gold prospecting with his father throughout the application areas and has an in-depth knowledge of the gold potential in the small streams and gullies.

Dr Boucher is a descendant of gold miners from a locality once known as Boucher Town between Cassilis and Swifts Creek and completed his third-year undergraduate thesis on the geology of the Tambo Crossing area.





Contact ECR MINERALS

www.ecrminerals.com

www.mercatorgold.com.au



Craig Brown, CEO & Director

Unit 119 Chester House
81-83 Fulham High Street
Fulham Green
SW6 3JA, London



info@ecrminerals.com



+44 (0)20 7929 1010



[@ecrminerals](https://twitter.com/ecrminerals)

