

MARCH 2023 QUARTERLY REPORT

Catalyst Metals

Catalyst Metals controls three highly prospective gold belts. It has a multi asset strategy.

It owns and operates the high-grade Henty Gold Mine in Tasmania which lies within the 25km Henty gold belt.

Production to date is 1.4Moz @ 8.9 g/t.

Catalyst controls +75km of strike length immediately north of the +22Moz Bendigo goldfield and home to the new, greenfield discovery at Four Eagles.

It also owns the Marymia Gold Project located in Western Australia following its compulsory acquisition of Vango Mining Limited.

Capital Structure

Shares o/s: 174.7M

Cash: A\$38.1m (Mar-23)

Debt: A\$12.8m

Board Members

Stephen Boston

Non-Executive Chairman

James Champion de Crespigny

Managing Director & CEO

Bruce Kay

Non-Executive Director

Robin Scrimgeour

Non-Executive Director

Corporate Details

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CORPORATE

- Off market takeover of Vango Mining announced and completed, demonstrating Catalyst's ability to identify and execute M&A
- Merger with Superior Gold Inc. announced, paving way for consolidation of the Plutonic Marymia gold belt; transaction expected to conclude in Q2 2023
- Completion of \$21m placement strengthens balance sheet to advance exploration and development across portfolio

OPERATIONS – HENTY GOLD MINE

- Record gold mine production in March helped to largely offset mining challenges earlier in the quarter
- Processed 52,999 tonnes at 3.5 g/t Au with recovery at 90.5%, to produce 5,461oz of gold
- Gold sold for the quarter was 5,148oz (Dec quarter 6,955oz); realised gold price of \$2,799/oz (Dec quarter \$2,641/oz)
- AISC for the quarter was \$2,763/oz (Dec quarter \$1,997/oz) reflecting capital re-investment

EXPLORATION AND DEVELOPMENT

- Discovery of the Iris Zone at depth beneath Boyd's Dam validates Catalyst's thesis of Bendigo style mineralisation by demonstrating repetition of the gold-bearing system with depth
- The maiden resource estimate for Four Eagles currently being prepared and to be released in Q2 2023
- Catalyst continues to work with the Victorian Government in progressing the proposal for an exploration access tunnel

VICTORIAN EXPLORATION PROGRAMS

Activities in Victoria comprised exploration and resource development at Four Eagles (Figure 1). One air core rig, one reverse circulation rig and one diamond drill rig were in operation.

Exploration expenditure during the quarter at Catalyst's Victorian tenements was \$2.5m (100%).

FOUR EAGLES GOLD PROJECT

The Four Eagles Gold Project comprises numerous prospects, three of which are Boyd's Dam, Hayanmi and Iris.

Boyd's Dam's quarterly diamond drilling program was focussed on the deeper extensions of the main structural position down-dip of the shallow Boyd's Dam mineralisation, which has led to the discovery of the Iris Zone (Figure 2).

Iris has demonstrated significant gold mineralisation with gold bearing intersections¹ of:

- 5.6m @ 54.0 g/t
- 1.0m @ 150 g/t
- 1.3m @ 77.9g/t
- 5.5m @ 10.4 g/t
- 5.4m @ 5.2g/t

At Hayanmi, RC drilling completed the coverage required to deliver a mineral resource.

Air core drilling was completed at several locations in the vicinity of the Boyd and Hayanmi mineralised trends, with assay results pending.

VICTORIAN EXPLORATION PROGRAM FOR JUNE QUARTER 2023

In the June quarter, there will be a program of air core drilling to follow up on a previously discovered anomaly at Boort².

A Mineral Resource is to be released in Q2 2023.

PROJECT DEVELOPMENT – FOUR EAGLES EXPLORATION TUNNEL

Catalyst has continued to collaborate with the Victorian Government's regulation body, Earth Resources Regulation, to gain approval to develop an exploration access tunnel at Four Eagles.

The key requirement for the Government to consent to the tunnel is approval of the Works Plan. An initial Works Plan was submitted in November 2022.

A revised Works Plan was submitted during the March quarter after feedback was from various government departments.

Engagement with the government has been encouraging, albeit will take time.

Local support for the potential project remains strong with regular enquiries as to when the project will be given the go ahead to proceed.

¹ Refer to ASX announcement 9 February 2023

² Refer to ASX announcement 3 May 2022

HENTY

Henty achieved record mine production in March, outperforming mill performance. This resulted in significant run-of-mine stockpiles at the end of the quarter.

This record production helped to partially offset two challenging months of production in January and February where two stope failures, combined with a planned mill shutdown for essential work, had a significant impact on production

COSTS

C1 cash costs per ounce was \$1,909/oz compared with \$1,611/oz in the previous quarter, with the increase being due to mining issues and the mill maintenance shutdown in January and February.

All-in-Sustaining Cost (AISC) were higher in the quarter at \$2,763/oz compared to \$1,997/oz, owing to approximately \$3.6m of sustaining capital, including investments in mine fleet and underground drilling.

With production re-stabilised in March, cost reduction remains the key focus moving forward.

Henty costs are to a large degree fixed, placing high importance on gold production and getting better productivity for every dollar spent.

AISC for March was \$1,808/oz.

OPERATIONS

Site operations delivered gold sales of 5,148oz for the quarter. Gold produced for the quarter was 5,461oz of gold at a grade of 3.5 g/t Au (Previous quarter: 6,763oz at 4.0g/t Au).

The mine delivered 63,493 tonnes of ore during the quarter compared to previous quarter of 57,809 tonnes (a 10% improvement).

Mining performance was supported by a sustained improvement in the development rates and high focus on execution to plan. Supply chain challenges in mobile spares translated to lower availabilities of equipment.

A total of 52,999 tonnes of ore were processed at a head grade of 3.5 g/t (Previous quarter: 57,673t

at 4.0g/t). This was achieved despite a seven day shutdown to conduct critical maintenance work.

Recovery for the quarter was 90.5% affected by the ore sources available.

Recruitment of critical mining and maintenance skills remained challenging in a competitive Australian mining industry. Several labour hire arrangements were in place and will remain until Henty fully recruits for all vacancies.

Investment in equipment replacement and renewal commenced with the rebuild of the charge up Normet and acquisition of an additional truck. The replacement strategy will be refined to align with both short-term needs and long-term plans.

SAFETY

Safety performance remained unchanged, Henty recorded no recordable injuries for the quarter. The Lost Time Injury Frequency Rate (LTIFR) (Figure 1) stands at 8.9 at quarter end and Total Recordable Injury Frequency Rate of 20.8 (Refer to Figure 2).

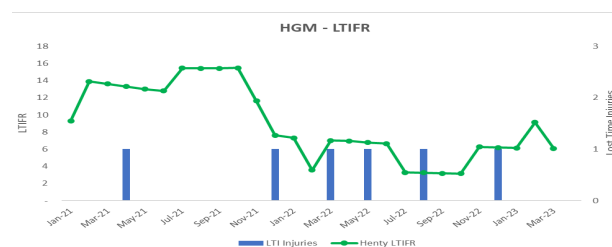


Figure 1 - Henty LTIFR showing rolling 12-month period

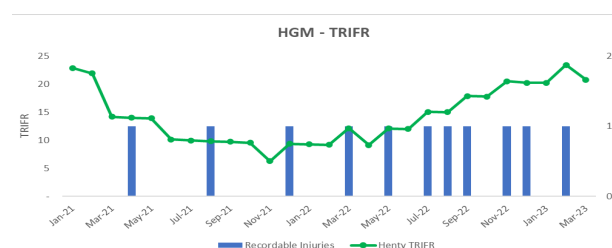


Figure 2 - Henty TRIFR showing rolling 12-month period

UNDERGROUND EXPLORATION

Intercepts greater than 25 gram metre per tonne, encountered during the quarter are shown in Table 1.

Table 1: Drilling intercepts greater than 25 gram metre per tonne

Zone	Intersection
Darwin South	5.5m @ 5.4g/t Au
	3.8m @ 14g/t Au
	6.4m @ 20g/t Au
	6.0m @ 6.1g/t Au
Intermediate	2.3m @ 11.9g/t Au
	1.7m @ 22.3g/t Au
Zone 96	2.8m @ 12g/t Au

Table 2 – Quarterly Cash Costs

Cost Summary	June 2022 Qtr	September 2022 Qtr³	December 2022 Qtr³	March 2023 Qtr³
Mining	1,270	1,443	1,117	1,365
Processing	268	251	328	339
Mine & General administration	191	188	202	344
Stockpile Movements	(135)	249	(36)	(139)
Cash Cost	1,594	2,131	1,611	1,909
Refining & Transport Costs	10	12	9	20
Royalties	175	147	154	155
Gold in Circuit movements	(44)	0	(29)	(53)
G&A Costs	113	66	53	65
Sustaining Capital	251	302	198	667
All-in Sustaining Costs	2,100	2,658	1,997	2,763

Table 3 – Key Operational Parameters

OPERATIONS	June 2022 Qtr	September 2022 Qtr	December 2022 Qtr	March 2023 Qtr
<i>Mining</i>				
Total Mined (t)	100,437	83,934	105,527	99,406
Ore Mined (t)	60,500	48,790	57,809	63,493
Mine Grade (g/t)	4.0	3.3	4.0	3.9
<i>Mill production</i>				
Processed (t)	56,672	57,474	57,673	52,999
Average Head Grade (g/t)	3.9	3.5	4.0	3.5
Recovery Gold (%)	94.2	92.2	90.7	90.5
Gold Produced (oz)	6,755	5,923	6,763	5,461
Gold Sold (oz)	6,780	5,974	6,955	5,148
Gold Price Realised (\$/oz)	2,632	2,521	2,641	2,799
Cash Cost (\$/oz)	1,594	2,131	1,612	1,909
AISC (\$/oz)	2,100	2,658	1,997	2,763
Silver Sold (oz)	5,932	4,753	6,373	4,956
Silver Price Realised (\$/oz)	29.0	28.1	34.0	38

³ After by-product credits

CORPORATE

CONSOLIDATION OF THE PLUTONIC-MARYMIA GOLD BELT

Catalyst maintains its view that, in managing finite resources/assets, it must grow and mature as these resources/assets mature and change. As such, growth via M&A should always be a core part of its strategy.

During the March 2023 quarter, Catalyst announced, and completed the acquisition of Vango Mining Limited, owner of the Marymia Gold Project. The completion of this off-market takeover offer within two months demonstrates Catalyst's appetite, and capability, to identify and execute M&A growth initiatives.

During the quarter, Catalyst also announced it had agreed a merger with Superior Gold Inc. by way of Canadian Plan of Arrangement. Superior Gold operates the Plutonic gold mine which sits adjacent to the high grade and underexplored Marymia Gold Project.

The consolidation of these two assets is expected to unlock significant operational and financial synergies and presents Catalyst with a pathway to develop the Marymia Gold Project's high grade deposits through existing latent capacity at the Plutonic processing plant.

Catalyst expects the Superior shareholder vote to take place in Q2 2023.

STRATEGIC PLACEMENT

During the quarter Catalyst successfully completed a \$21m placement to leading institutional investors. It was also strongly supported by Catalyst's existing shareholders.

Support in the capital raising from new institutional investors is an important milestone for Catalyst. Catalyst has not previously attracted such investors and their involvement marks another step in the Company's growth.

FINANCIAL

At the end of the March 2023 quarter, the Company held cash reserves of \$38.1 million.

During the quarter, the Company made payments of:

- \$1.4 million for ongoing exploration and evaluation of the Company's existing exploration and mining projects (including capitalised and expensed expenditure);
- \$11.2 million for mining and production activities at the Henty gold mine; and
- \$0.2 million to related parties, comprising payments to directors for executive salaries and consulting fees paid to Messrs Kay for the provision of additional technical and management services to the Company.

This announcement has been approved for release by the Board of Directors of Catalyst Metals Limited.

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<i>Corporate summary (at 31 March 2023)</i>	
ASX trading code	CYL
Quoted shares (CYL)	174,684,823
Unquoted options	250,000
Unquoted performance rights	2,500,000
Postal address	PO Box 416 Subiaco, Western Australia 6904
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Figures & Diagrams

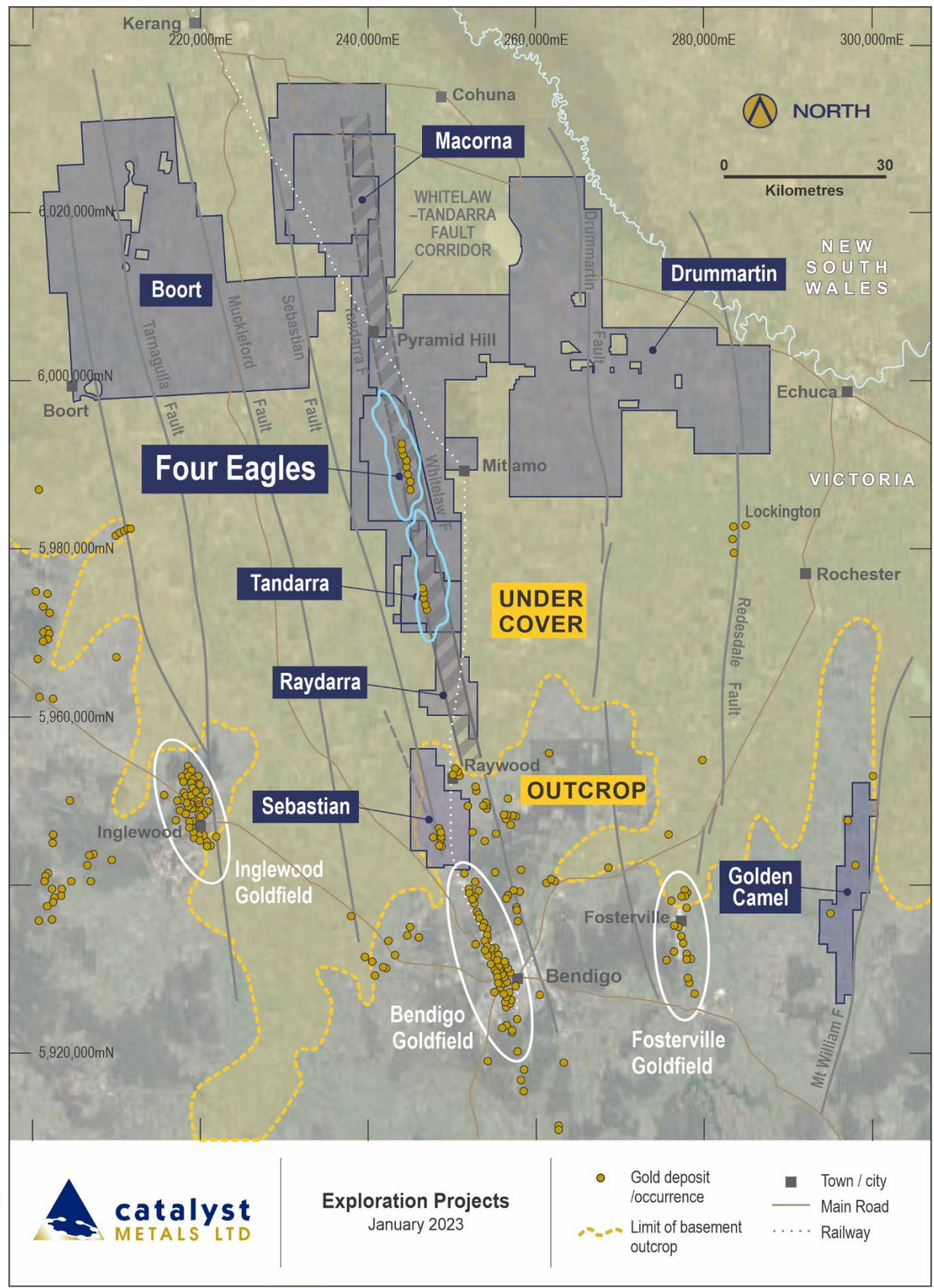


Figure 1: Whitelaw Gold Belt Tenement Holdings showing major Catalyst managed projects

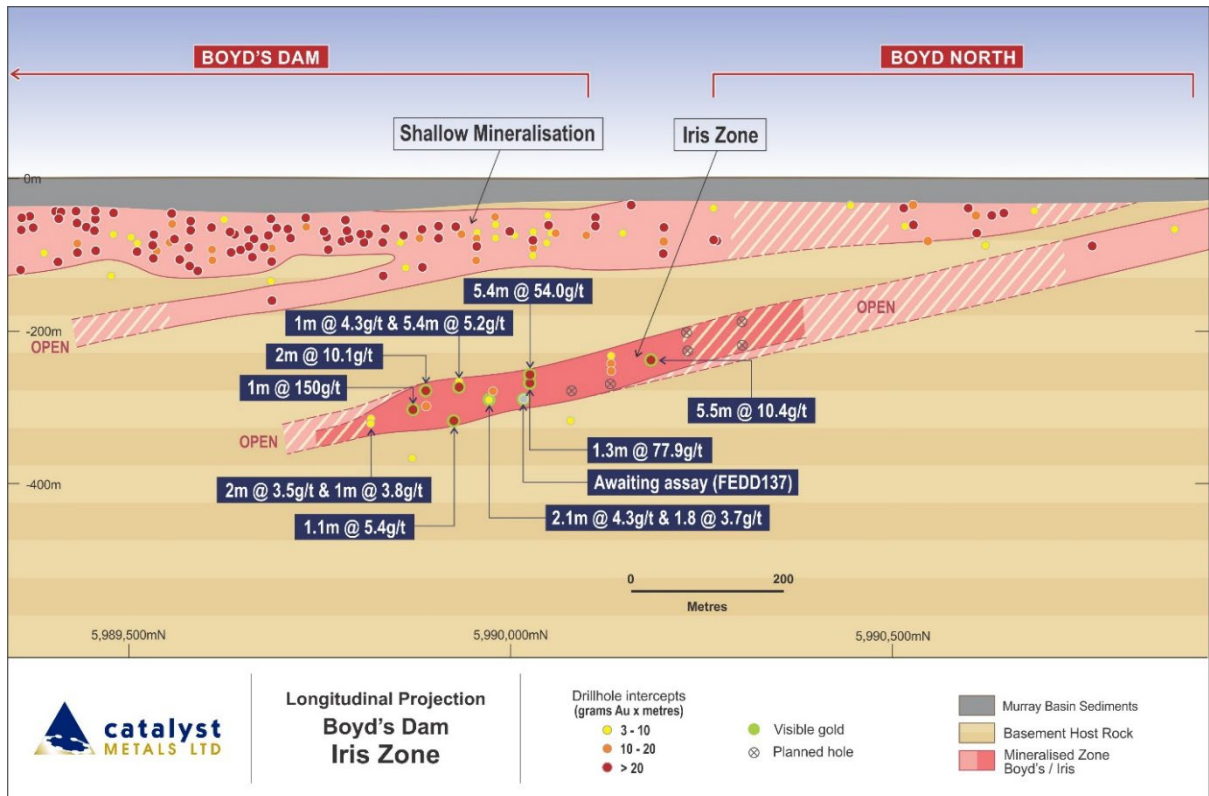


Figure 2: Boyd's Dam longitudinal projection showing the Iris Zone

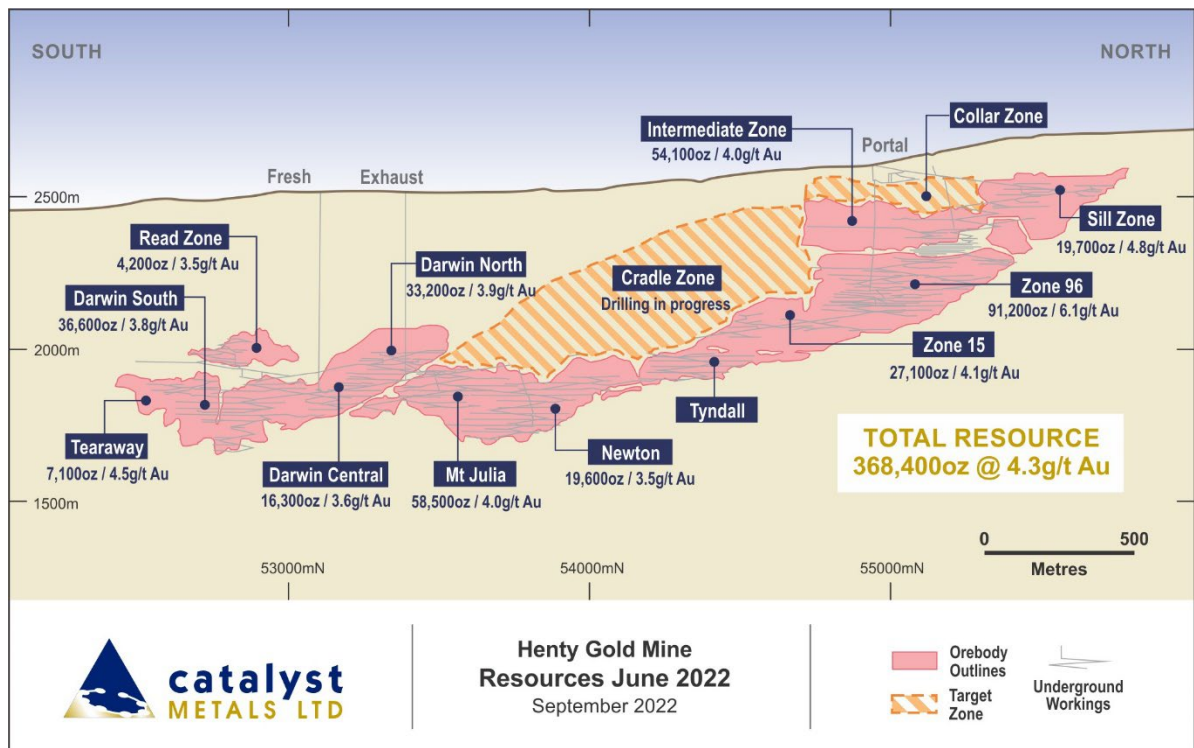


Figure 3: Henty longitudinal projection showing resource outlines and areas of potential at Cradle Zone

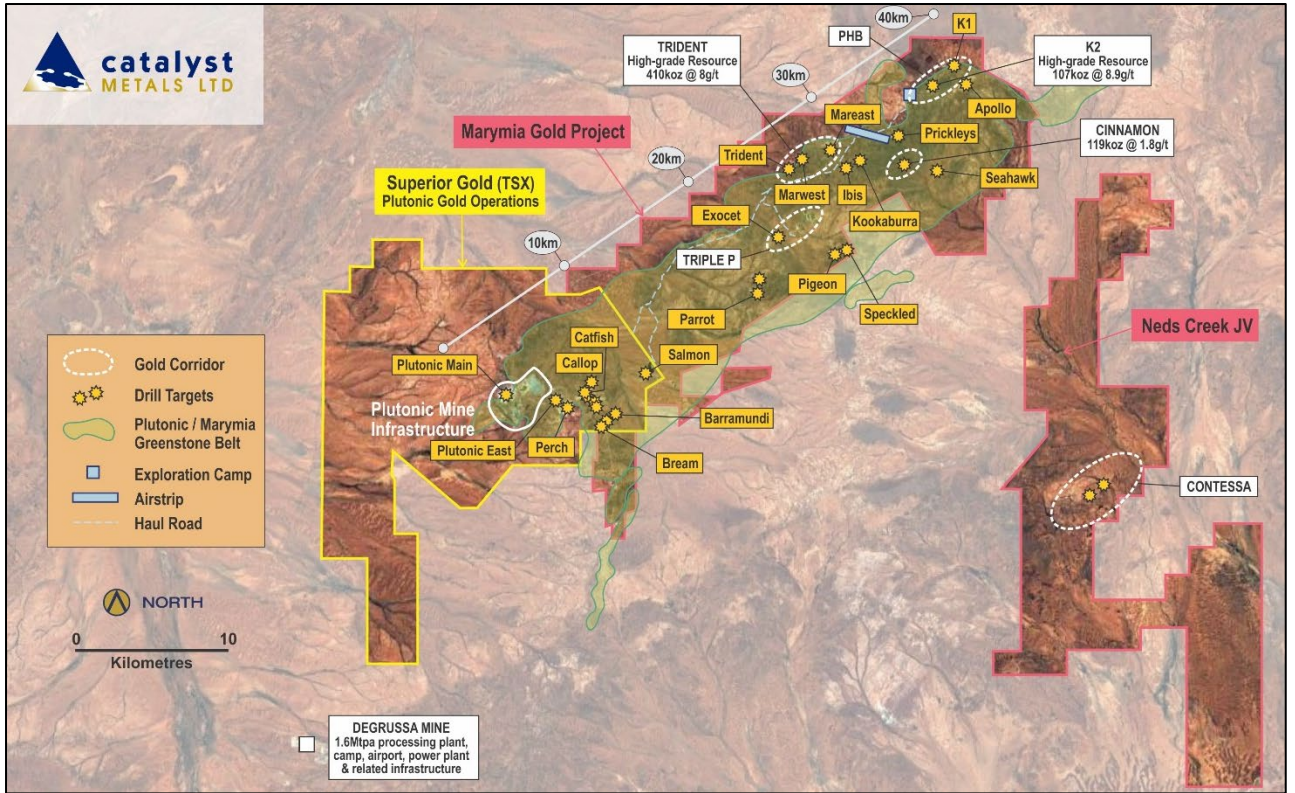


Figure 4: Plutonic gold belt showing Superior Gold tenements and Catalyst tenements

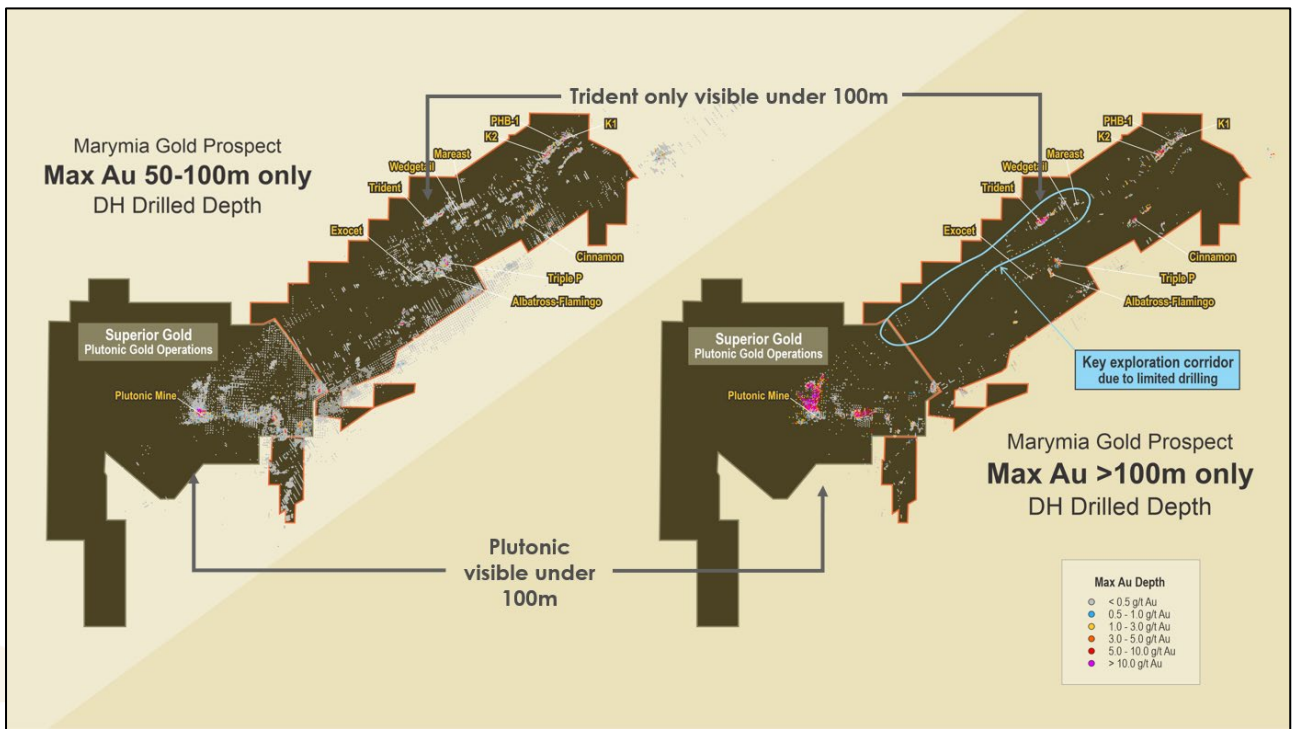


Figure 5: Plutonic gold belt showing mineralisation below 100m versus drilling density below 100m

Tenement directory as at 31 March 2023

Project	Tenement	Beneficial interest
Victoria		
Four Eagles	RL006422	50%
	EL5295	50%
	EL5508	50%
	EL006859	50%
Macorna	EL5521	100% (farm-out of 50% to GEV)
	EL006894	100% (farm-out of 50% to GEV)
	EL006549	100% of mineral rights (farm out of 50% to GEV)
Boort	EL006670	50%
Tandarra	RL006660	51%
Raydarra East	EL5509	100%
Sebastian	EL5533	100%
Raydarra	EL007214	100%
Drummartin	EL006507	100%
Golden Camel	EL5490 & EL5449	50.1%
Tasmania		
Henty	ML 7M/1991	100%
	ML 5M/2002	100%
	ML 7M/2006	100%
	EL28/2001	100%
	EL8/2009	100%
Western Australia (Marymia)		
	L 52/154	100%
	E 52/2072	100%
	P 52/1609	100%
	M 52/218	100%
	M 52/226	100%
	M 52/229	100%
	M 52/232	100%
	M 52/235	100%
	M 52/257	100%
	M 52/269	100%
	M 52/279	100%
	M 52/293	100%
	M 52/304	100%
	M 52/320	100%
	M 52/366	100%
	M 52/370	100%
	M 52/572	100%
	M 52/748	100%
	M 52/781	100%
	L 52/188	100%
	P 52/1587	100%
	M 52/183	100%
	M 52/219	100%
	M 52/227	100%
	M 52/230	100%
	M 52/233	100%
	M 52/246	100%
	M 52/258	100%

M 52/270	100%
M 52/291	100%
M 52/299	100%
M 52/305	100%
M 52/321	100%
M 52/367	100%
M 52/396	100%
M 52/593	100%
M 52/779	100%
M 52/782	100%
E 52/2071	100%
P 52/1588	100%
M 52/217	100%
M 52/220	100%
M 52/228	100%
M 52/231	100%
M 52/234	100%
M 52/247	100%
M 52/259	100%
M 52/278	100%
M 52/292	100%
M 52/303	100%
M 52/306	100%
M 52/323	100%
M 52/369	100%
M 52/478	100%
M 52/654	100%
M 52/780	100%
E 52/2456	Earning in
E 52/2493	Earning in
E 52/2734	Earning in
E 52/3473	Earning in
E 52/3476	Earning in

During the quarter, the Company acquired the Marymia tenements located in Western Australia following the off market takeover of Vango Mining Limited.

Competent person's statement

The information in this report that relates to exploration results is based on information compiled by Mr Bruce Kay, a Competent Person, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Kay is a non-executive director of the Company and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Mr Kay consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

JORC 2012 Mineral Resources and Reserves

Catalyst confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the original market announcements.

