

## Catalyst Metals

Catalyst Metals produces 110koz of gold annually. It controls three highly prospective gold belts and has a multi asset strategy.

It owns the 40km long Plutonic Gold Belt in Western Australia hosting the Plutonic gold mine and neighbouring underexplored, high-grade resources. The belt has a substantial mineral endowment of 10Moz

It also 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 also controls +75km of strike length immediately north of the +22Moz Bendigo goldfield and home to high-grade, greenfield resources of 26 g/t Au, at Four Eagles with further discoveries expected.

### Capital Structure

Shares o/s: 224.6m  
Options: 3.4m  
Rights: 5.9m  
Cash: \$31m  
Debt: \$8m

### Reserves and Resources

MRE: 3.3Moz at 3.0g/t Au  
ORE: 0.8Moz at 3.3g/t Au

### Board Members

**David Jones AM**  
Non-Executive Chairman

**James Champion de Crespigny**  
Managing Director & CEO

**Robin Scrimgeour**  
Non-Executive Director

**Bruce Kay**  
Non-Executive Director

### Corporate Details

**ASX: CYL**  
E:investors@catalystmetals.com.au  
W:catalystmetals.com.au

# June 2024 Quarterly Report

## KEY POINTS

### Quarter highlights

- Plutonic and Henty quarterly production of 24,576oz and 6,926oz respectively – both representing the most successful production quarters under Catalyst ownership
- Cashflows from operations allowed Catalyst to end the quarter with \$37m in cash and bullion, \$45m liquidity and only \$8m debt in the form of a 2,220oz gold loan repayable in six monthly instalments
- Studies confirmed Trident and Plutonic East as near-term, low-cost, development priorities
- Reported maiden Ore Reserve Estimate for Trident, increasing group Reserves to 793koz

### Production

- Gold produced for the quarter totalled 31,502oz at an average AISC of A\$2,338 comprising:
  - Plutonic: 24,576oz gold produced at an AISC of A\$2,291/oz
  - Henty: 6,926oz gold produced at an AISC of A\$2,469/oz

### Discovery and Growth

- High grade assays from shallow drilling was incorporated into Trident's maiden Ore Reserve Estimate (ORE) of 188koz at 4.5g/t and reducing the pre-production costs in the process
- ORE provided the foundation for updated, lower cost, lower risk Trident development– key metrics at A\$3,400/oz:
  - \$15m pre-production capital
  - Initial 5.5 year life of mine; average underground production of 37koz pa
  - AISC of A\$1,592/oz
  - Average annual free cashflow of A\$53m; NPV<sub>7</sub> A\$198m
- Dewatering at Plutonic East underway with plans to commence rehabilitation and grade control in September quarter this year
- With annual production of +110koz, and Trident and Plutonic East coming online in 2025, Catalyst is gradually charting its course to 200koz pa

### Financial and Corporate

- As of 30 June 2024, the Company held cash of \$31m, bullion of \$6m and undrawn facilities of \$8m
- All inherited call options delivered into, leaving Catalyst unhedged – previous realised prices last quarter of \$3,130/oz versus spot of A\$3,490/oz (at end of quarter)
- Continued debt repayments totalling \$11m, leaving only a 2,220oz gold loan repayable in 6 monthly installments of 370oz

## OVERVIEW

Operating models at Plutonic and Henty are now better established. Both sites are consistently performing at elevated, and now entrenched, operating metrics. Importantly the turnaround in site safety has been maintained. Under Catalyst's ownership TRIFR rates at Plutonic have nearly halved.

Plutonic produced at an approximately 100koz per annum run rate for the quarter, the highest quarterly production under Catalyst's ownership. This was despite a transformer needing replacement which impacted production for 3 days.

Learnings from the turnaround of operations at Plutonic are being implemented at Henty. Production at Henty for the quarter was the highest under Catalyst's ownership and reflects the investment in equipment, improved planning and deployment of new people to the Henty site. During the quarter, Henty continued construction of the tailings storage facility lift which is reflected in costs for the quarter.

Catalyst's project development team has continued to prioritise the development and exploration opportunities across the belt. The team has commenced re-estimating Resources and commenced engineering designs. Updates will be provided as this work progresses. This laborious work remains crucial to Catalyst's future success.

In Victoria, the Company continues to progress plans for the submission of an Environmental Impact Statement for the proposed exploration access tunnel at Four Eagles, with a number of positive meetings with the government, although in the backdrop of numerous personnel changes within the government department. Approvals from the government departments of Earth Resources Regulator, through the completion of the EIS, will allow the project to progress.

During the quarter Catalyst repaid the final \$3m tranche of a convertible note acquired through the acquisition of Vango Mining Limited. It also repaid A\$8m working capital gold loan through the acquisition of Superior Gold.

## MANAGEMENT COMMENTARY

*"It has been a pleasing 12 months for the Company. The Plutonic turnaround is well progressed, a credit to the efforts of the new operating team that joined Catalyst in July 2023.*

*"This turnaround was shown not only in the 40% increase in gold production, but in the considerable reduction in the company's debt. After 12 months, this is a pleasing accomplishment.*

*"With 12 months of operating success behind us, we have begun turning our attention to organic growth over the next 12 months to provide additional ore feed for the under-utilised Plutonic mill in 2025.*

*"We are pleased with the faster-than-expected dewatering at Plutonic East. It's existing permits and infrastructure allow for a rapid and low-cost restart. Similarly, the shallow high-grade results from drilling at Trident have allowed a revised open pit development approach for the deposit, which will have a more manageable upfront capital profile than previously expected. These projects, along with our existing 110koz of production, are beginning to chart our course to 200koz.*

*"The Company finishes the quarter in a solid position, with a consolidated balance sheet, stable operations and a long pipeline of near-term, low-cost organic growth projects."*

## SAFETY

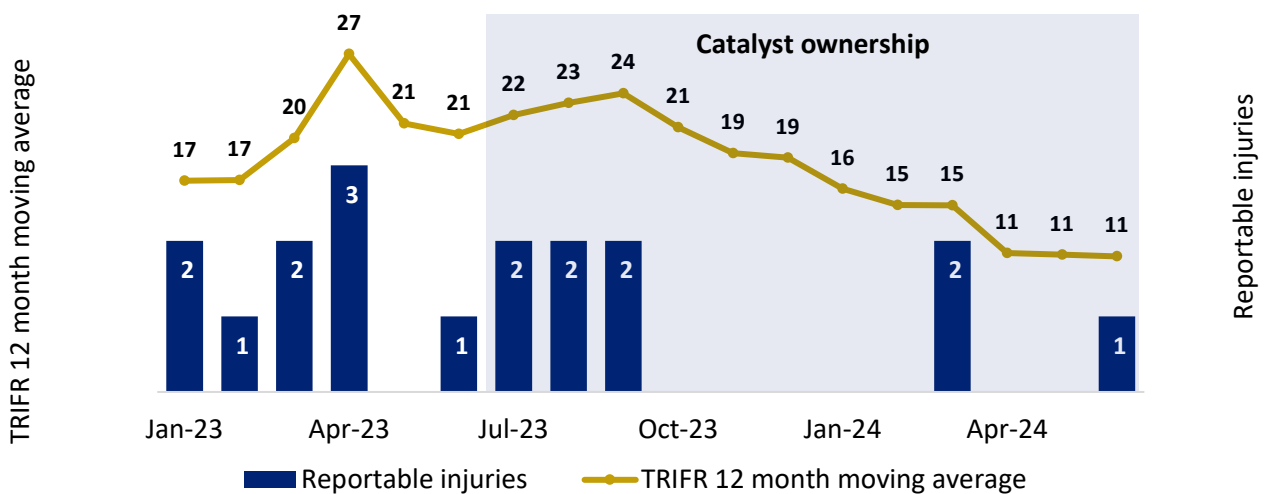
Since taking control of Plutonic on 1 July 2023, Catalyst has overseen a significant improvement in safety. This is evidenced in the 12-month moving average TRIFR dropping from a peak of 24.7 in September to 10.8 at the end of June. Delivering a robust safety culture and ensuring our people go home safely remains our commitment.

A minor, restricted work injury was recorded in late June. This was the only reportable incident for the quarter.

No injuries were recorded for the quarter at Henty.

**Table 1: June 2024 group safety performance (12-month moving average)**

	Plutonic	Henty
TRIFR	10.8	9.5
LTIFR (per million hours worked)	-	6.3



**Figure 1: Plutonic TRIFR and reportable injuries – 18 months**

## OPERATIONS

### Plutonic Gold Operations

The focus for the June quarter remained reinforcing our safety culture and ensuring consistent production performance.

Key production indicators of the mine; development metres, production drill metres, material movement and gold production were consistent with previous quarters and reflect the new operating performance. Gold produced was 24,576oz vs prior quarter of 21,252oz at an AISC of \$2,291/oz vs prior quarter of \$2,346/oz.

This was a strong result despite an electrical failure of a transformer impacting the primary underground fan and restricting access to areas of the mine for approximately a week. In addition, mine planning continues to be a focus for Plutonic.

Plutonic is progressively de-bottlenecking its underground operations. Remote loader capacity is seen as the next bottleneck, and in the coming months Plutonic will replace hire equipment with rebuilt Sandvik tele-remote loader units. A new Sandvik loader will be purchased to provide greater reliability and flexibility. This fleet renewal program commenced in the quarter and will continue until late in Q1 FY25.

As production metrics continue to normalise at the new levels, the focus is gradually shifting to reviewing costs. Major contracts are being retendered and renegotiated as they become due, with pleasing initial results from these negotiations.

### Henty Gold Mine

During the quarter, Henty’s mill operated at its nameplate production run rate of 300,000 tonnes per annum for the first times since 2008. This throughput was supported by improved mine operating metrics including material movement, development metres and ore movement.

Gold recovered was 6,926 oz vs prior quarter of 6,832oz. This was the highest quarterly production under Catalyst’s ownership. Increased production translated to lower AISC for the quarter of \$2,469/oz vs prior quarter of \$2,712/oz.

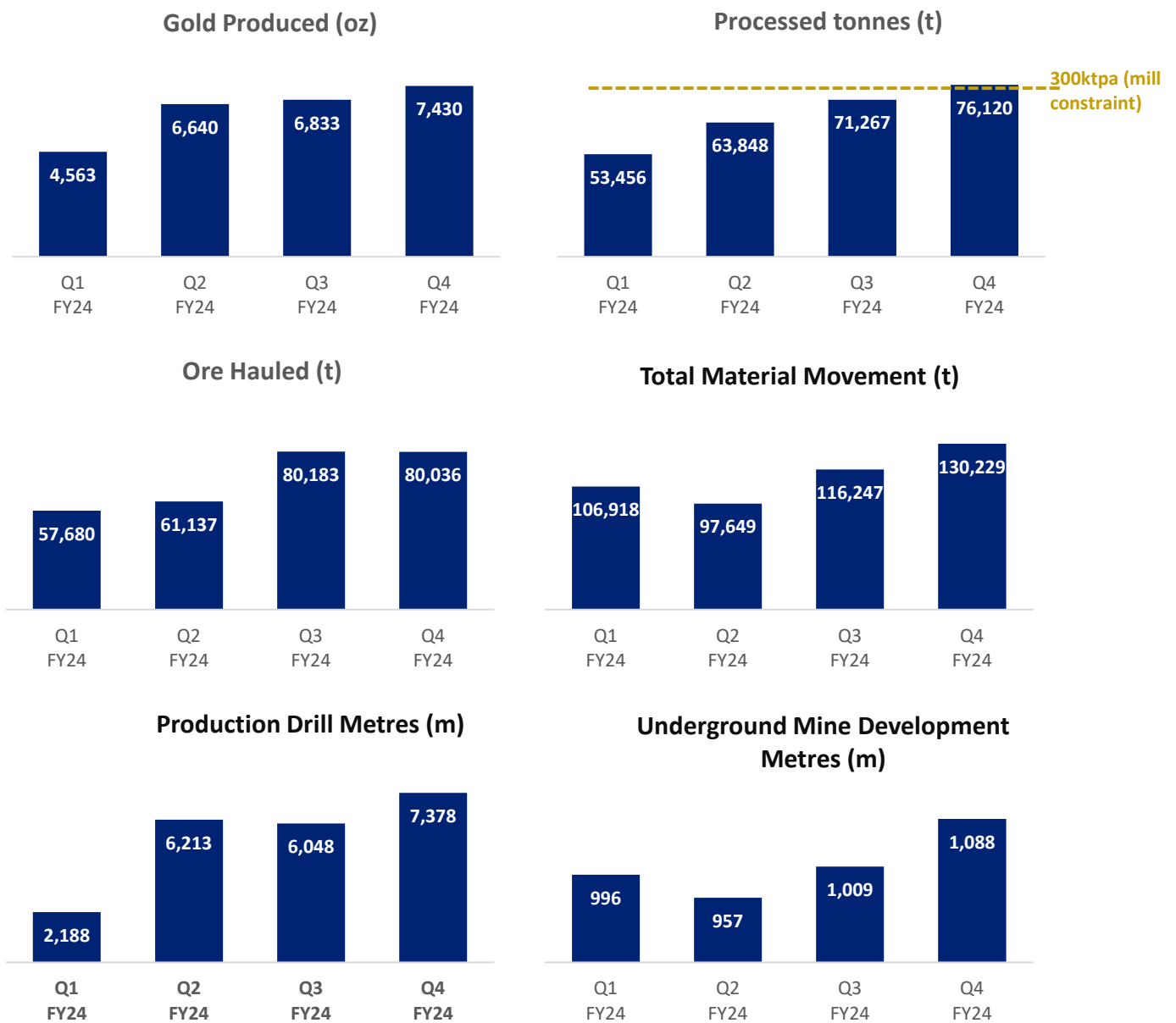


Figure 2: Henty operating metrics

Studies are underway in relation to the expansion of the processing plant and are expected to be completed in the coming quarter.

Construction of the tailings storage facility lift was completed during the quarter and will provide capacity for the coming 10 months. Work has commenced on the design, approvals and permitting of the next lift.

## EXPLORATION AND DEVELOPMENT

Important for Plutonic's longer term success is identifying new material in virgin areas near existing underground mine infrastructure. Exploration drives have been established at the Western Front and drilling commenced during the quarter. This potential new virgin area in the Plutonic underground is expected to be drilled out over the coming two quarters.

During the quarter Catalyst released a maiden Ore Reserve Estimate for the Trident open pit and underground deposit. This ORE supported a revised development plan for Trident, being a small open pit (or large box cut), followed by a portal and decline directly above the Trident underground orebody. The new approach to Trident's development results in the portal being within 30m of the orebody. It makes for a more manageable project for Catalyst and reduces up front capital expenditure, lowering funding requirements. The revised portal location also better positions the mine for future grade control drilling, ventilation, haulage and in-mine resource development and exploration.

**Table 2: Trident development – key metrics<sup>1</sup>**

		Base case #	Spot case (A\$3,400/oz)
<b>NPV<sub>7</sub></b>	\$Am	100	198
<b>IRR</b>	%	146%	327%
<b>Pre-production cash drawdown</b>	\$Am	19	15
<b>AISC (life of mine)</b>	A\$/oz	1,578	1,592
<b>Life of mine (LOM)</b>	yrs	5.5	5.5
<b>Payback (after open pit ceases)</b>	yrs	1.9	1.4
<b>Average annual UG production</b>	koz	37	37
<b>Average annual free cash flow</b>	\$Am	29	53

# Base case price assumptions aligned with Ore Reserve (A\$2,700 for Underground and A\$3,200 for Open Pit)

The dewatering of the Plutonic East underground mine commenced in May. Rehabilitation will commence in the coming weeks once the water level has dropped to a satisfactory level. This will be followed shortly after by mine services being restored. Catalyst is targeting first ore from Plutonic East in Q3 FY25.

Beyond Plutonic East and Trident, the major opportunity at Plutonic remains its excess mill capacity. The processing plant has a nameplate capacity of 1.8Mtpa but is currently operating at 1.3Mtpa. Numerous deposits lie across the belt capable of being processed by the central processing facility. Any new ore source can be delivered to the Plutonic mill due to the network of existing haul roads extending the full 48km length of the Plutonic Belt. Evaluation of the numerous advanced and early-stage opportunities across the consolidated Plutonic Gold Belt progressed during the quarter with re-estimations and optimisations in progress for the highest priority resource positions. Such work has informed the design of the next round of resource development which is now under way. Updates will be provided as this work progresses.

<sup>1</sup> Refer to CYL announcement 3 July 2024 "Trident Maiden Reserve Underpins New Low-Cost Development"

## **Victorian Gold Exploration**

Exploration in Victoria during the quarter included the completion of logging and sampling of Tandarra drill core. Exploration for Catalyst in Victoria remains limited while discussions with the government over the Exploration Access Tunnel remain ongoing.

A diamond drilling program is anticipated to commence in the coming quarter at the Four Eagles Gold Project. Planning for this drill program and project development studies was undertaken during the June quarter.

## **Four Eagles Gold Project and Licencing of the Exploration Access Tunnel**

The Four Eagles Gold Project comprises a gold Resource of 163,000oz at 7.7g/t gold, including the Iris Zone of 70,000 at 26g/t gold. It also includes numerous gold prospects, four of which are Boyd's Dam, Hayanmi, Pickles and the Iris Zone (Figure 1 and Figure 2). Management's main focus at the Four Eagles Joint Venture is to seek approval to construct an access tunnel to explore underground. Gaining approval to explore underground will allow Catalyst to better understand and further explore mineralised positions in detail.

Collaboration with Victorian Government's Department of Energy, Environment, and Climate Change commenced in late 2022 and remains ongoing. Catalyst has held a number of positive meetings with the government, although in the backdrop of numerous personnel changes within the government department. Approvals from the government departments, through the completion of the EIS, will allow the project to progress.

## **FINANCE**

### **Cash and Equivalents**

At the end of the June 2024 quarter, the Company had available liquidity of A\$45 million, comprising cash (\$31m), bullion on hand (\$6m) and undrawn debt facilities (\$8m).

During the quarter Catalyst repaid the final tranche of a \$3.0 million of a convertible note inherited through the Vango Mining acquisition. The remaining debt held by Catalyst is a 2,220oz gold loan which was put in place by Catalyst's predecessors – Superior Gold Inc. This gold loan is to be repaid in six remaining monthly instalments of 370oz. This represents less than 2% of annual production.

Catalyst also repaid the last of its call options inherited through the acquisition of Superior Gold Inc. The Company has delivered into 25,000oz of inherited call options over the past financial year at prices that averaged A\$2,910/oz. Settlement of these call options provides Catalyst with increasing exposure to the prevailing spot gold price going forward.

During the quarter, the Company generated \$38m of cash from operations. A total of \$5 million was invested in growth exploration activities across the Company's portfolio. \$8m of capital was deployed with \$11m of net financing outflows primarily from the repayment of the working capital facility that remained undrawn at 30 June 2024.

### **Hedging**

At the end of the June quarter, the Company had fully delivered into contracted hedges. Catalyst begins FY25 with greater exposure to the prevailing spot price.

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

**Investors and Media:**

**Craig Dingley**  
Catalyst Metals  
T: +61 (8) 6324 0900  
[investors@catalystmetals.com.au](mailto:investors@catalystmetals.com.au)

**Fiona Marshall**  
White Noise Communications  
T: +61 400 512 009  
[fiona@whitenoisecomms.com](mailto:fiona@whitenoisecomms.com)

<i>Corporate summary (at 30 June 2024)</i>	
ASX trading code	<b>CYL</b>
Quoted shares (CYL)	<b>224,582,544</b>
Unquoted options	<b>3,357,010</b>
Unquoted performance rights	<b>5,941,354</b>
Postal address	<b>PO Box 1784 West Perth, WA 6872</b>
Telephone	<b>(+61) 8 6324 0090</b>
E-mail	<b>Investors@catalystmetals.com.au</b>
Website	<b>www.catalystmetals.com.au</b>

**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.*

## Figures & Diagrams

**Table 3: June 2024 quarter performance summary – by production centre**

3 MONTHS ENDING 30 JUNE 2024	Units	Plutonic	Henty	Total
Ore Mined	<i>Tonnes</i>	299,186	78,274	377,460
Milled Tonnes	<i>Tonnes</i>	320,785	75,000	395,785
Head Grade	<i>g/t Au</i>	2.82	3.17	2.88
Recovery	<i>%</i>	84.5%	90.5%	85.8%
Gold Produced	<i>oz</i>	24,576	6,926	31,502
Gold Sold	<i>oz</i>	20,641	7,338	27,979
Average Price	<i>A\$/oz</i>	3,120 <sup>2</sup>	3,190	3,138
Total Stockpiles Contained Gold	<i>oz</i>	701	801	1,502
Gold in Circuit (GIC)	<i>oz</i>	2,595	1,280	3,875
Total Gold Inventories	<i>oz</i>	3,296	2,081	5,377
Underground Mining	<i>A\$/oz</i>	1,307	1,462	1,348
Processing	<i>A\$/oz</i>	404	319	381
General and Administrative	<i>A\$/oz</i>	391	210	344
Ore Stock & GIC Movements	<i>A\$/oz</i>	(45)	1	(33)
Cash Operating Cost	<i>A\$/oz</i>	2,057	1,992	2,040
Royalties	<i>A\$/oz</i>	91	211	122
Rehabilitation	<i>A\$/oz</i>	130	4	11
Sustaining Capital	<i>A\$/oz</i>	13	262	165
All-in Sustaining Cost	<i>A\$/oz</i>	2,291	2,469	2,338

<sup>2</sup> Plutonic gold sale price lower due to various financial instruments set in place by previous owners as part of the gold loan held between the company and its lender, Auramet.



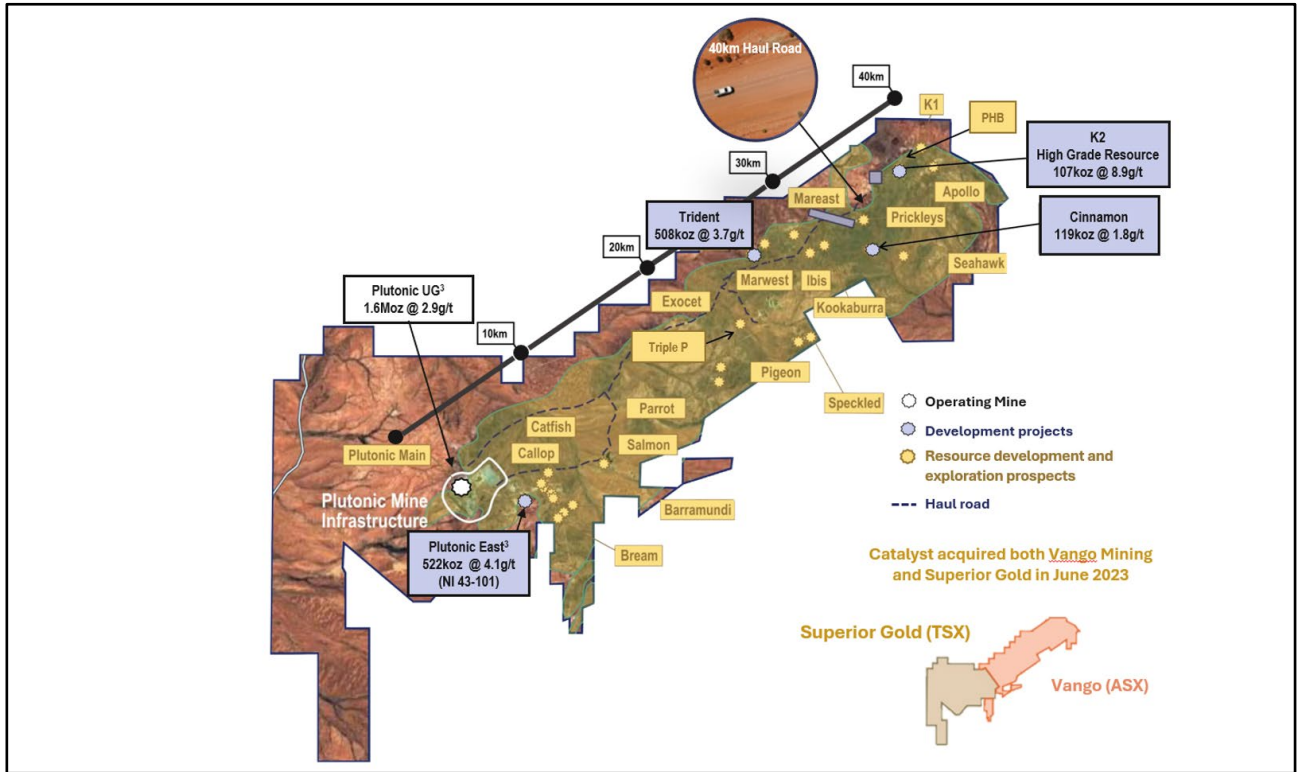


Figure 3: Catalyst's consolidated Plutonic Gold Belt, showing tenements

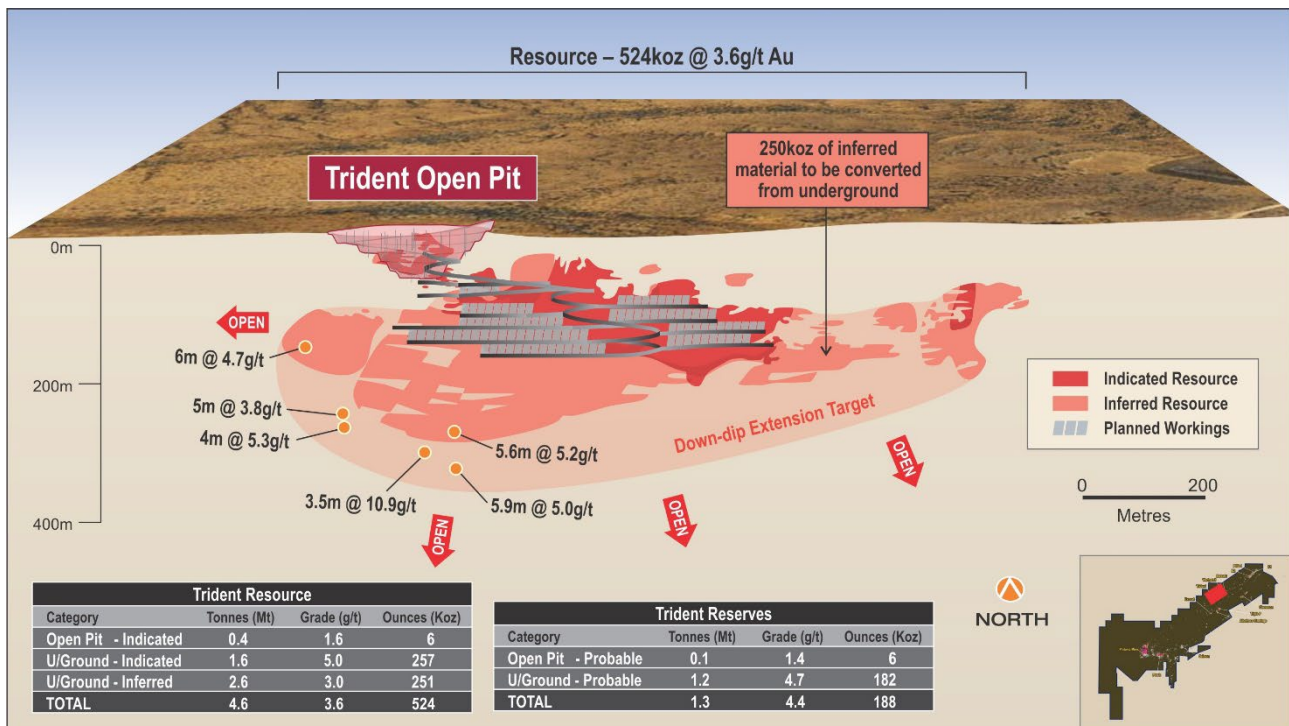
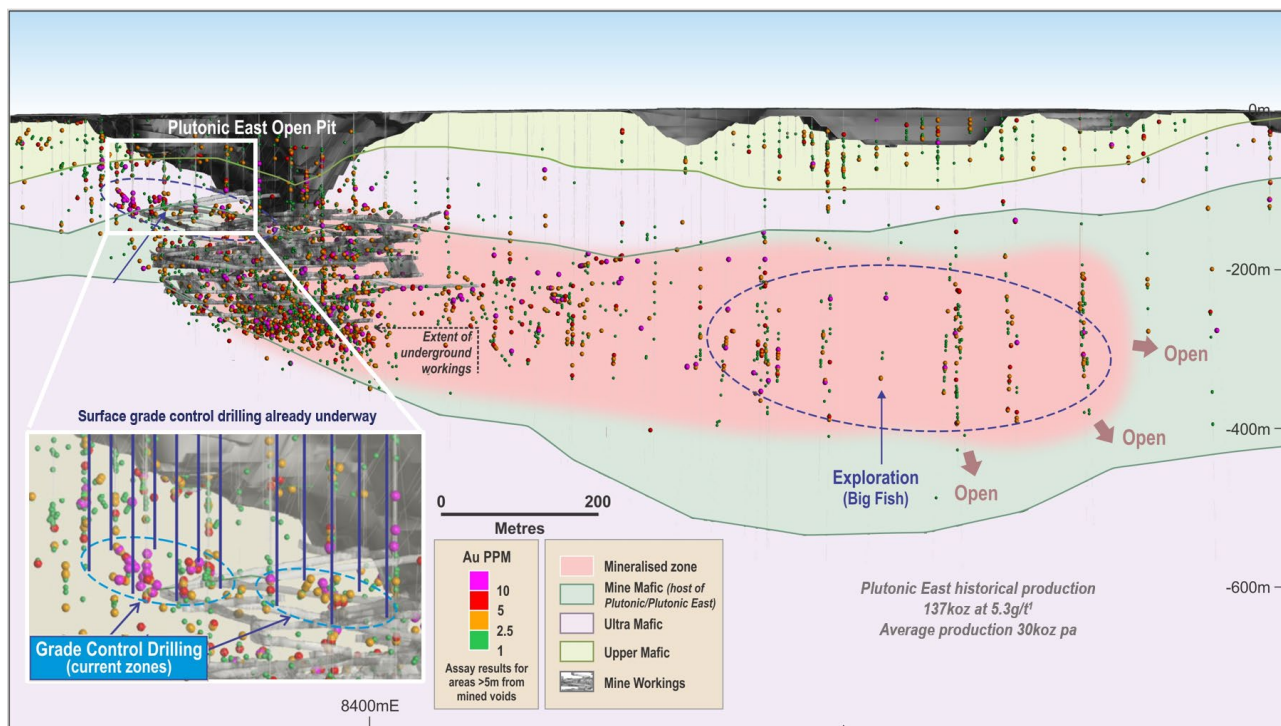


Figure 4: Trident long section with new mine development plan



**Figure 5: Plutonic East long section showing historical mine workings**



**Figure 6: Plutonic East open pit and underground portal – dewatering progress**



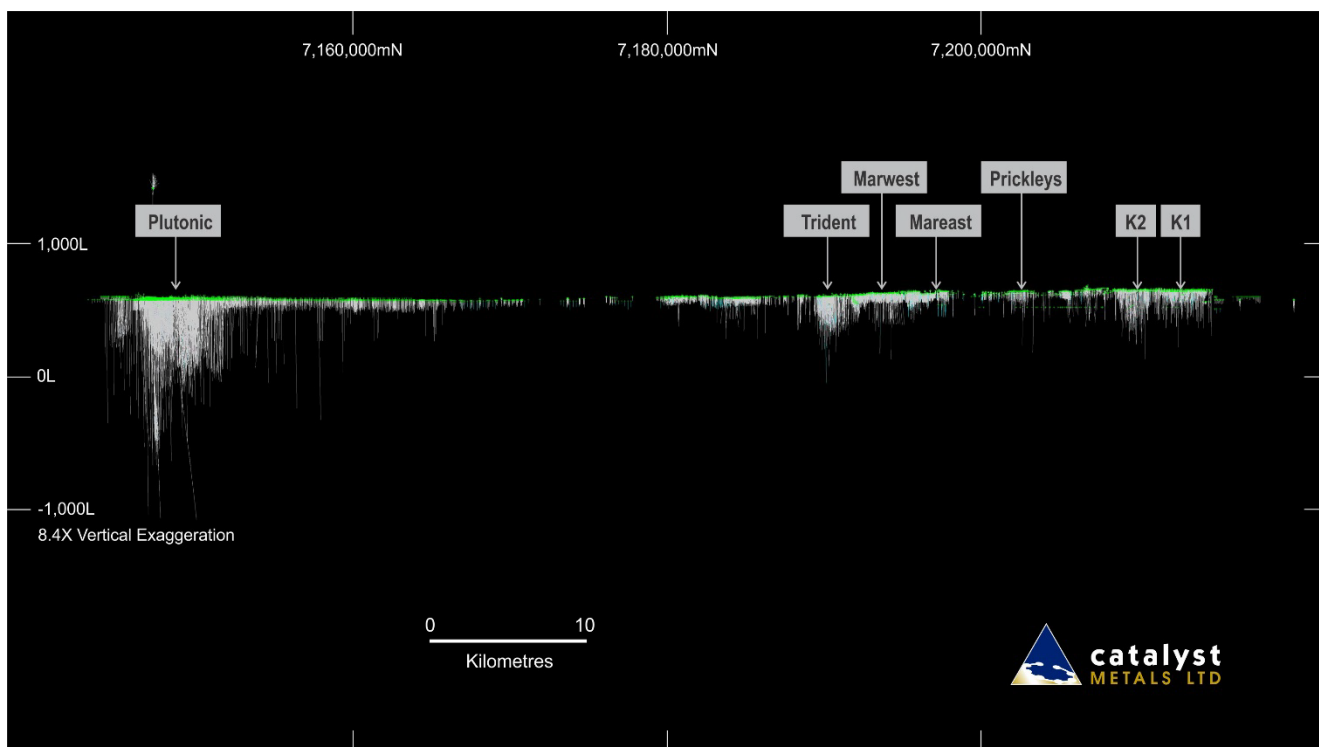


Figure 7: Drilling intensity and depth across the Plutonic Gold Belt



Figure 8: Plutonic gold belt showing mineralisation below 100m versus drilling density below 100m

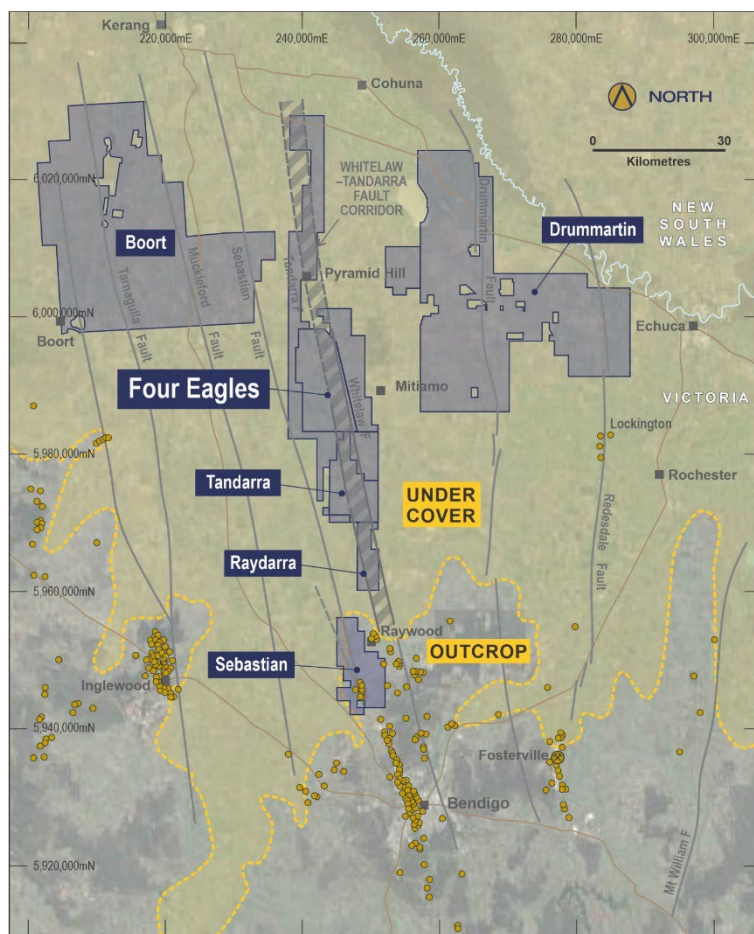


Figure 9: Whitelaw Gold Belt Tenement Holdings showing major Catalyst managed projects

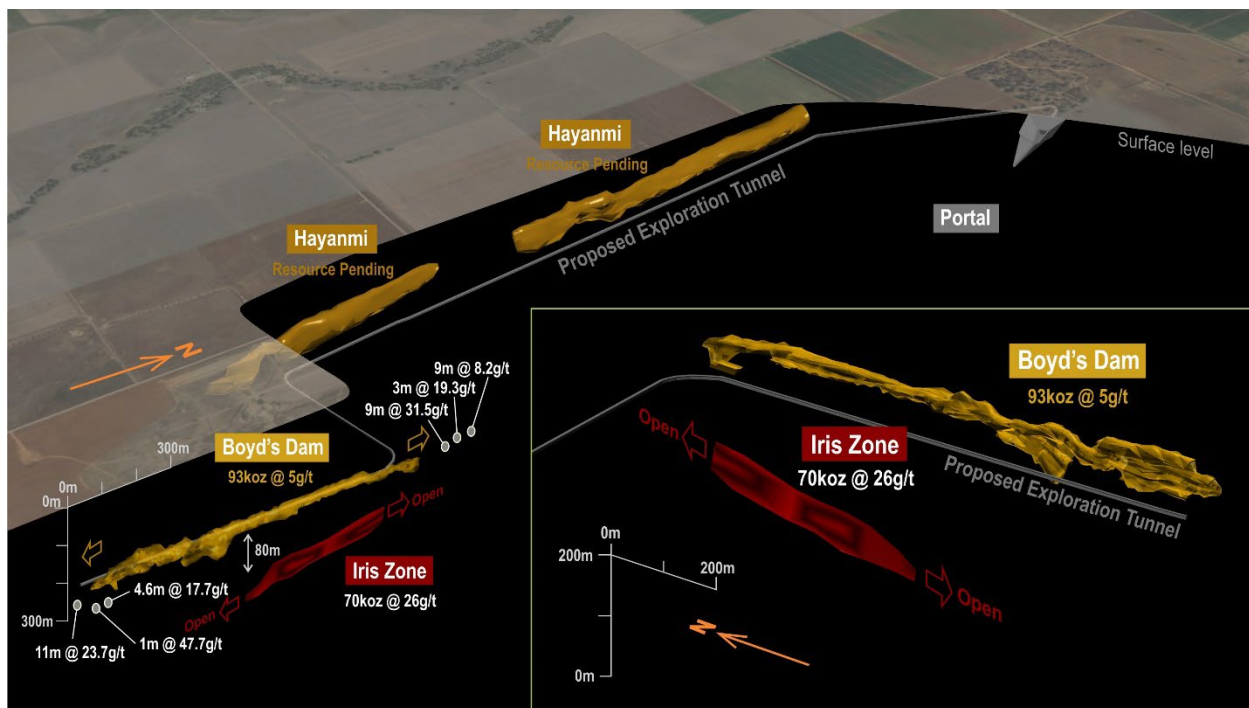


Figure 10: Boyd's Dam showing the Iris Zone and proposed exploration tunnel