

Organic growth
Four new underground mine developments

Diggers and Dealers Mining Forum August 2024

ASX:CYL catalystmetals.com.au



Catalyst History





History



Current



Future

In last three years, through acquisition, Catalyst has matured from explorer to +100koz gold producer Catalyst has turned around two operating mines – Plutonic and Henty – lifting comparative production from ~70koz to +110koz¹ per annum

Catalyst plans to open four new mine's on its path to increasing annual gold production to +200koz²



Catalyst's Asset Portfolio

Controlling three Australian gold belts, driving an attractive organic growth pipeline

Group Production
110koz pa¹

Group AISC

\$2,338oz¹

(Unhedged, selling at spot)

Group AIC

\$2,571oz

Group Reserves

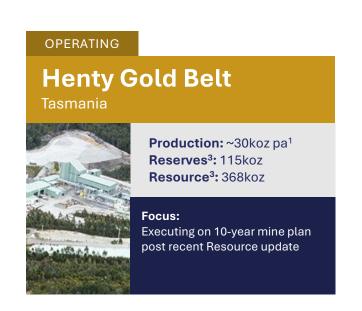
793koz @ 3.3g/t² (JORC)

Group Resources

3.5Moz @ 2.9g/t² (JORC)

0.2Moz @ 1.4g/t³ (NI 43-101)











WESTERN AUSTRALIA

Plutonic Gold Mine
Operational Improvements



Plutonic Gold Belt

Multiple satellite underground mines feeding a large scale central processing facility

Hub & Spoke Strategy

Central infrastructure allows regional development projects to be processed at currently under-utilised, processing plant

A\$2,334/oz

A\$2,291/oz¹

A\$ AISC A\$ AIC

85koz¹

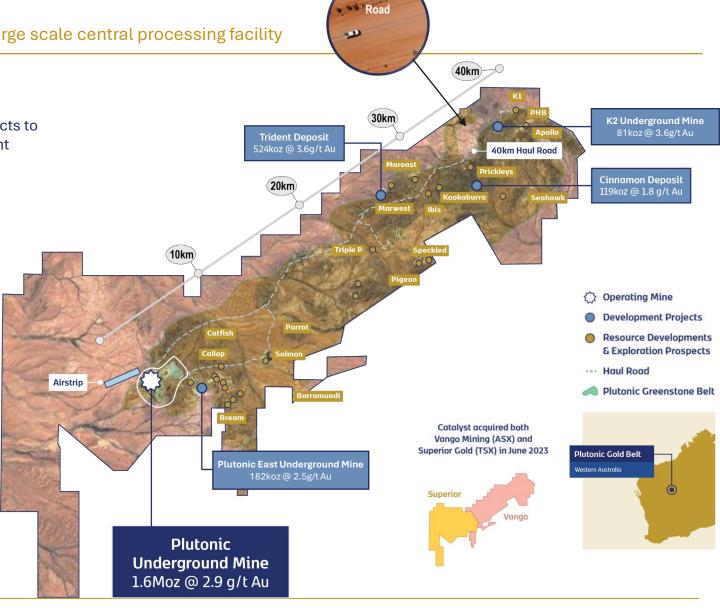
Annualised production

Selling gold at spot

Unhedged at 30 June

3Mtpa

Processing capacity
1.8Mtpa operational + 1.2Mtpa
care & maintenance



What have we been doing in 12-months since consolidating Plutonic Gold Belt?

Increased operational focus leading to greater cash generation



Improved accountability and planning



Improved operational performance



Increasing cashflow generation

40-50%

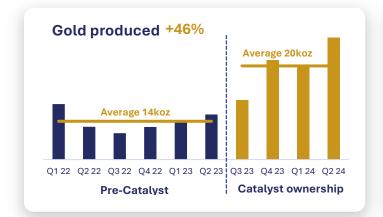
Improvement in mine performance

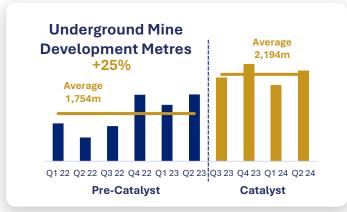
~46%

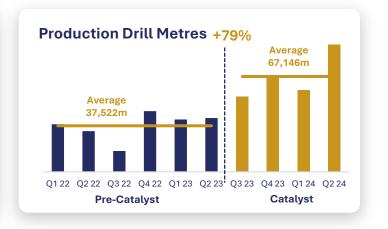
Increase in gold produced year on year

\$54m

of operating cashflow @ A\$2,990/oz avg. realised sale price



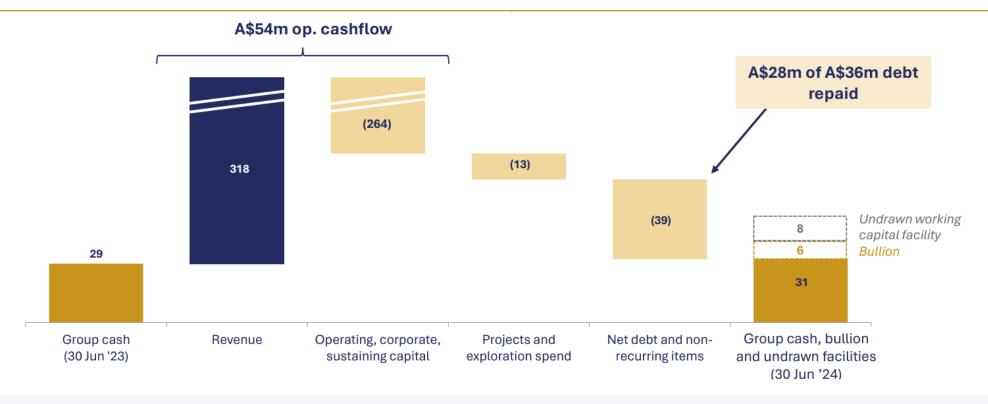






Increased operational focus has led to an increase in cash generation

Strong cash position



Balance Sheet (June 2024)

A\$37m

Cash and bullion

A\$45m

Available Liquidity

1,850oz gold loan (July)

(5 x 370oz / mth)

Unhedged

Selling at spot





Existing infrastructure allows projects to be brought online quickly



Processing plant

- 1.8 Mtpa capacity, operating at 1.25Mtpa
- Latent mill capacity allows existing resources to be brought online quickly



Infrastructure

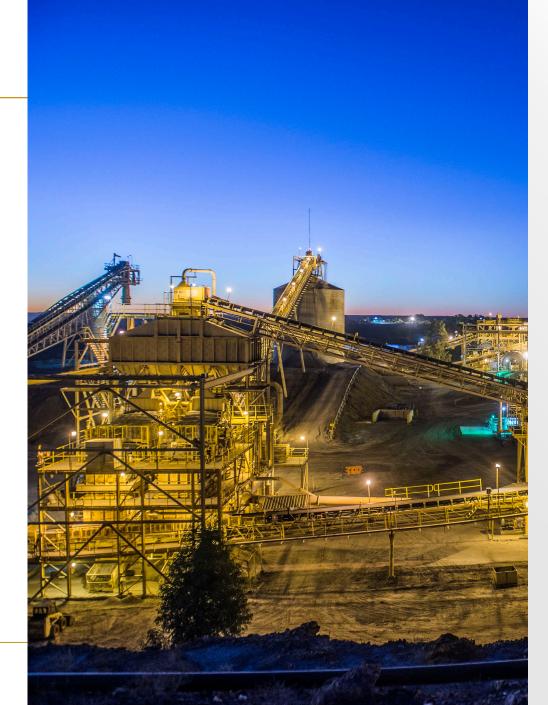
- +10 years of tailings approved, 40km haul road, 500-person camp, 22MW gas power station
- Existing infrastructure substantially lowers development costs, allowing projects to be brought online quickly



Invested capital

Established underground development, 4,750km of drilling data

 Historical data and development allows new production to be brought online quickly







Organic Growth

Four near term projects seeking development in next 12-18 months



Seeking four underground mine developments in next 12-18 months

Focus on the next 12-18 months is opening up four new areas



mining into new virgin areas

New drill rig mobilised, drilling commenced

) K2

- Existing decline and development already in place
- Quick, low-cost path to production
- 81koz @ 3.6g/t Au Resource

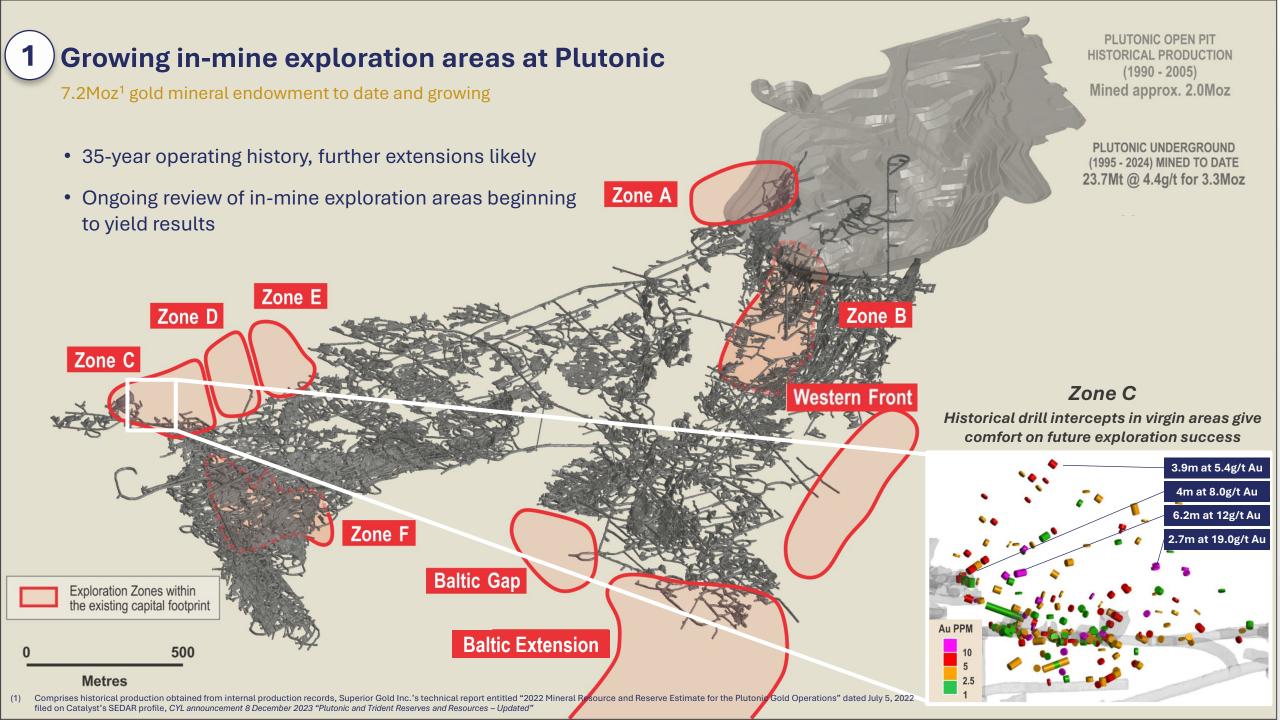
2 Plutonic East

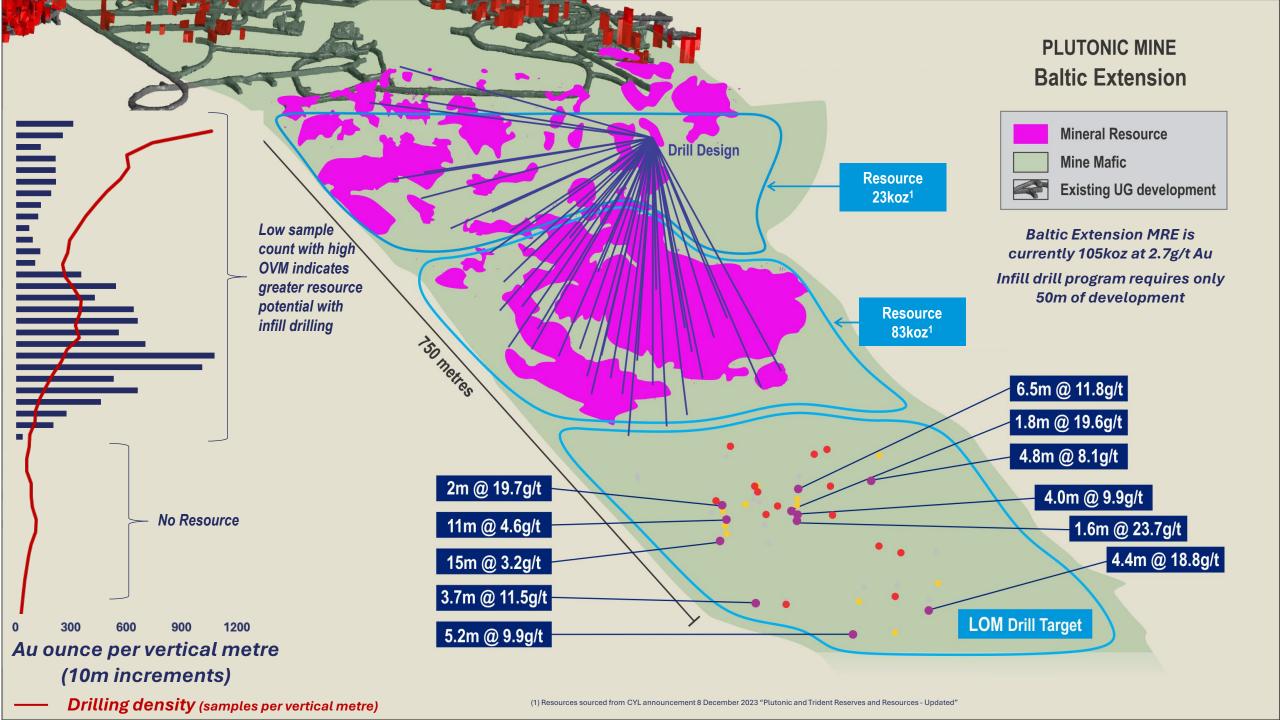
- Existing decline and approvals already in place
- Quick, low-cost path to production
- 182koz @ 2.5g/t Au Resource

Trident

- A\$15m in start-up costs
- ~40koz @ 1,583/oz AISC
- Initial 5.5 year Reserve mine life + 250koz inferred ounces

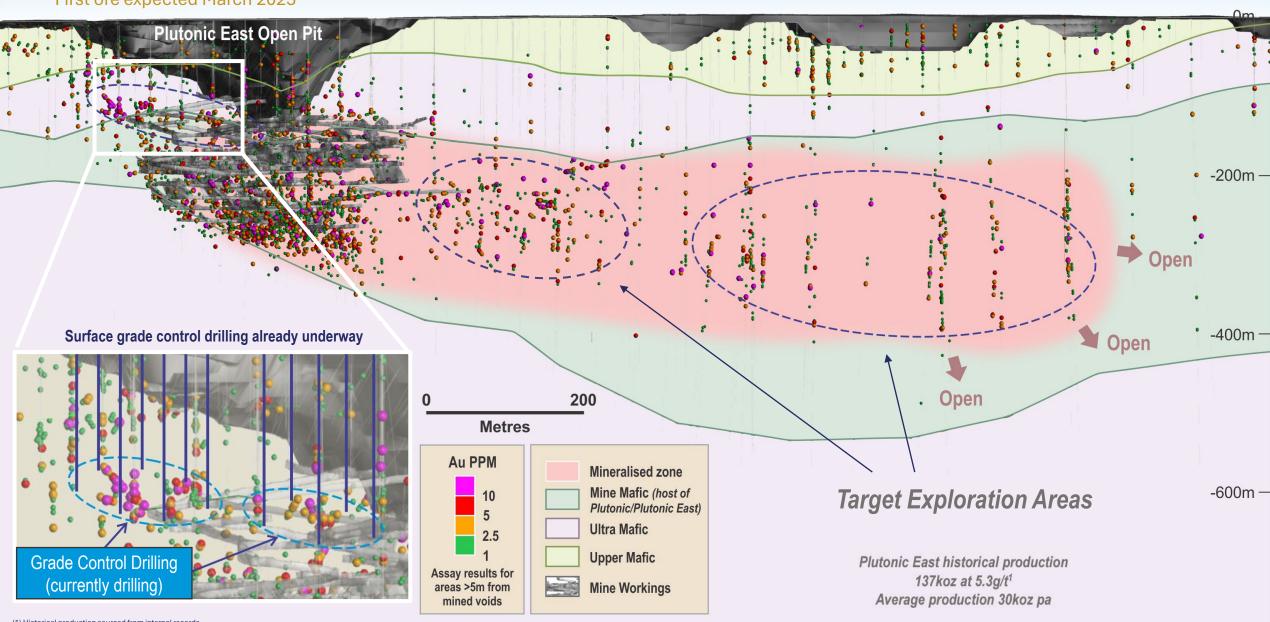


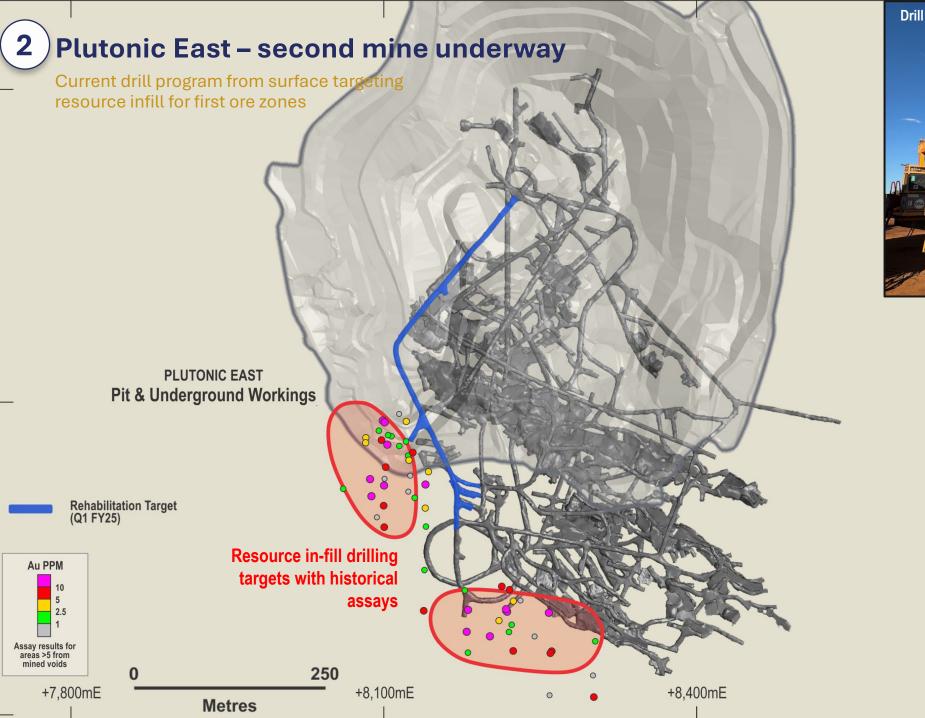




Plutonic East - significant potential once underground

First ore expected March 2025





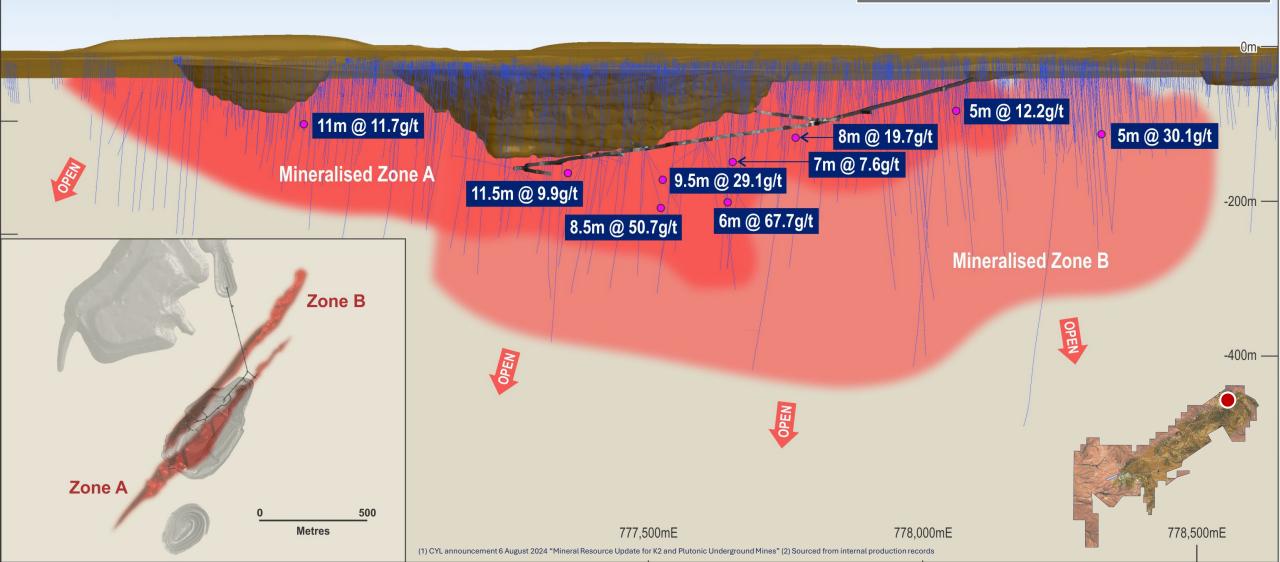




3 K2 Underground Mine

Historical open pit production (116koz at 4.0g/t)², underground decline in place

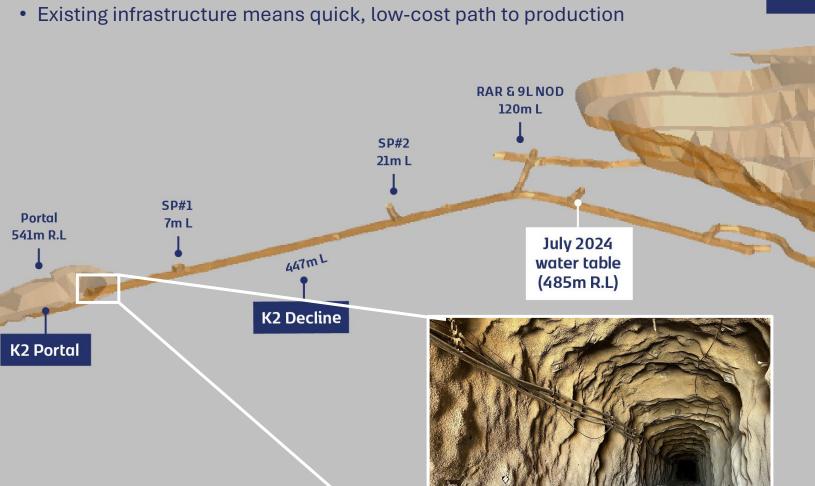
K2 Mineral Resource ¹									
Category Tonnes (Mt) Grade (g/t) Ounces (Ko									
Indicated Resources	0.2	4.2	31						
Inferred Resources	0.5	3.4	49						
Total Resources	0.7	3.6	81						

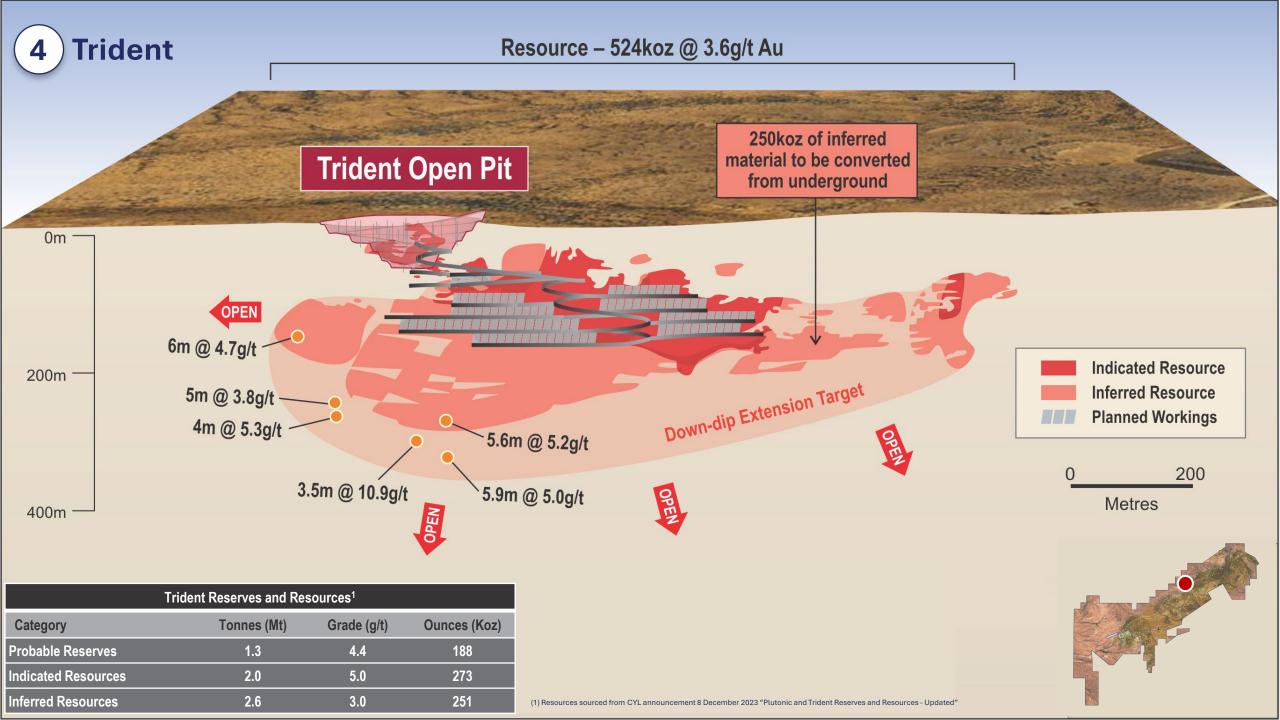


K2 Underground Mine New underground mine, 40km from Plutonic processing plant Existing infrastructure means quick, low-cost path to production

Old K2 Open Pit¹

Open Pit Mined - April 1992 to August 1995. 966kt's @ 4.0g/t for 116koz mined. Underground - May 1997 (portal) to Jan 1998.



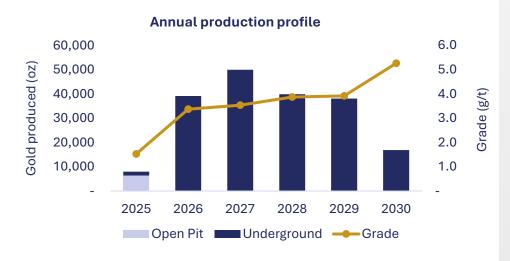


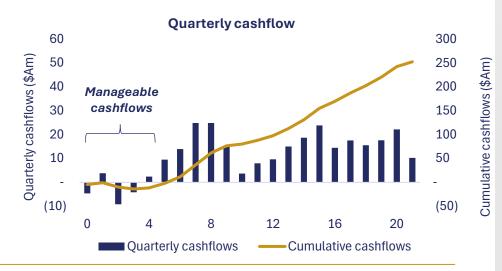
4

Trident gold project – targeting first production in 2025

Low start-up capital high-grade underground mine development

		Base Case# (A\$2,700/oz)	Spot case (A\$3,400/oz)
NPV ₇	\$Am	101	200
IRR	%	148%	329%
Pre-production capital	\$Am	(19)	(15)
AISC (life of mine)	A\$/oz	1,569	1,583
Initial life of mine (LOM)	yrs	5.5	5.5
Average annual underground production	koz	37	37
Average annual free cash flow	\$Am	24	54



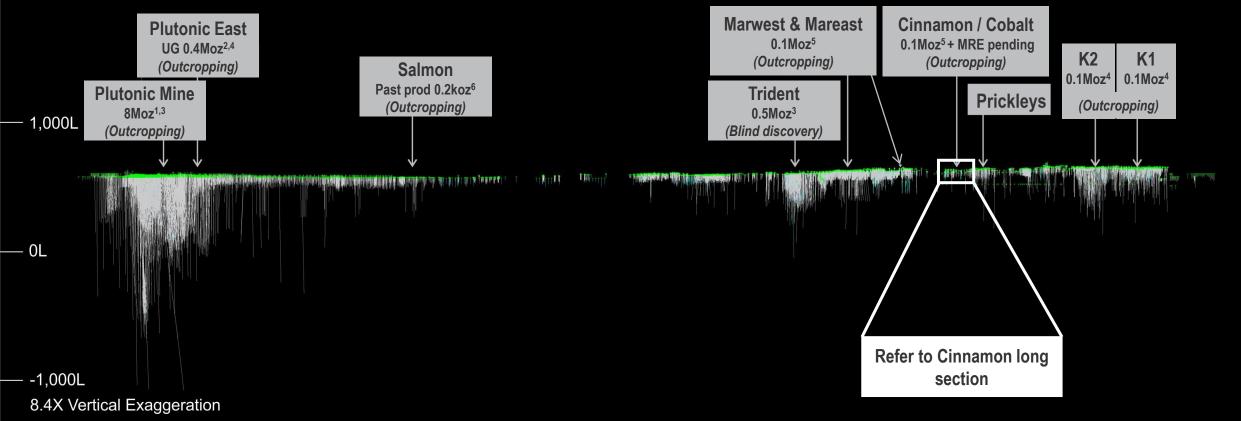






Limited drilling, large mineralised system – creates the opportunity

Large mineralised system with +11Moz Mineral Endowment

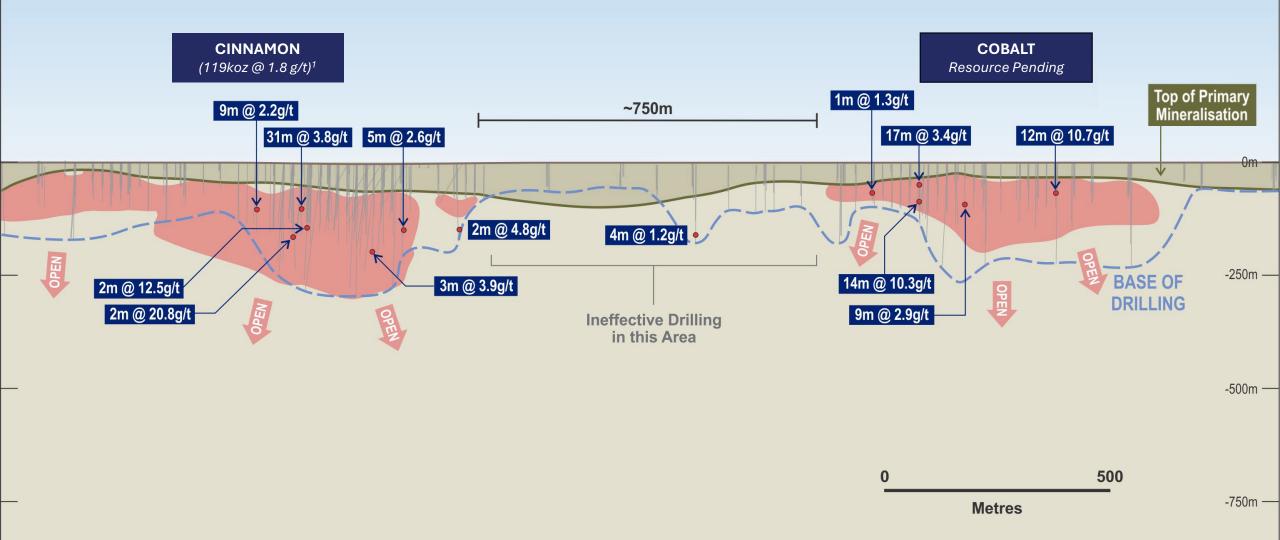






Cinnamon

Ineffective historical drilling creates the opportunity



(1) CYL announcement 22 February 2023 "Marymia Gold Project Mineral Resource - Updated".

773,000mE 774,000mE 775,000mE

Corporate Overview

Capital Structure

Share Price (5 August 2024)	\$1.76
Shares on Issue	226m
Market Capitalisation	A\$398m
Cash & Bullion (30 June 24)	A\$37m
Debt (July 24)	<i>(1,850oz)</i> A\$7m
Enterprise Value	A\$374m

Substantial Shareholders

Board & Management	5.3%	
St Barbara	5.8%	
Franklin Templeton	4.3%	
Other	84.6%	

Board of Directors

David Jones AM

Non-Executive Chairman

James Champion de Crespigny

Managing Director & CEO

Robin Scrimgeour

Non-Executive Director

Bruce Kay

Non-Executive Director

Broker Coverage













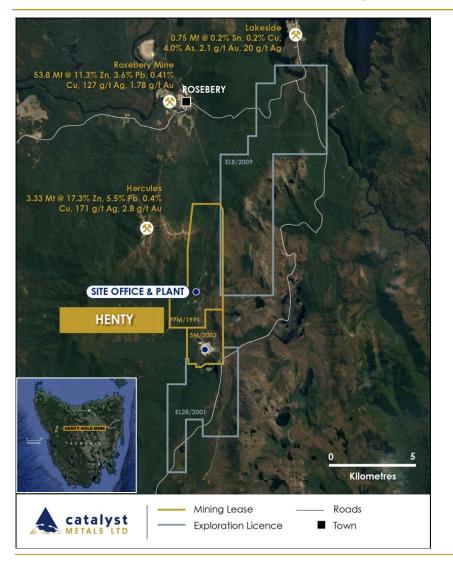
TASMANIA

Henty Gold Mine

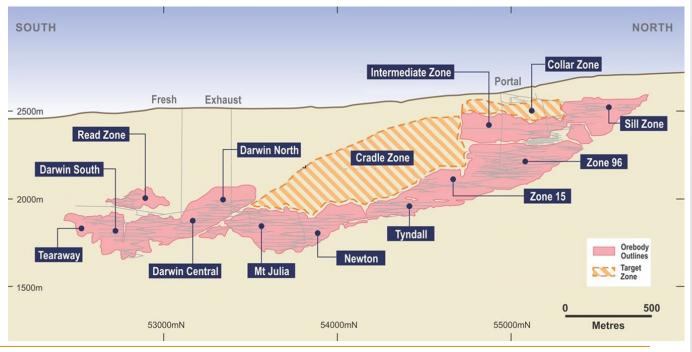


Henty Gold Mine

Historical production of 1.4Moz at 8.9g/t¹, located in a world class mineral province



- Learnings from Plutonic turnaround being applied at Henty
- Investments and cost reduction initiatives, reflected in improved operating results





Henty

Operations at nameplate throughput

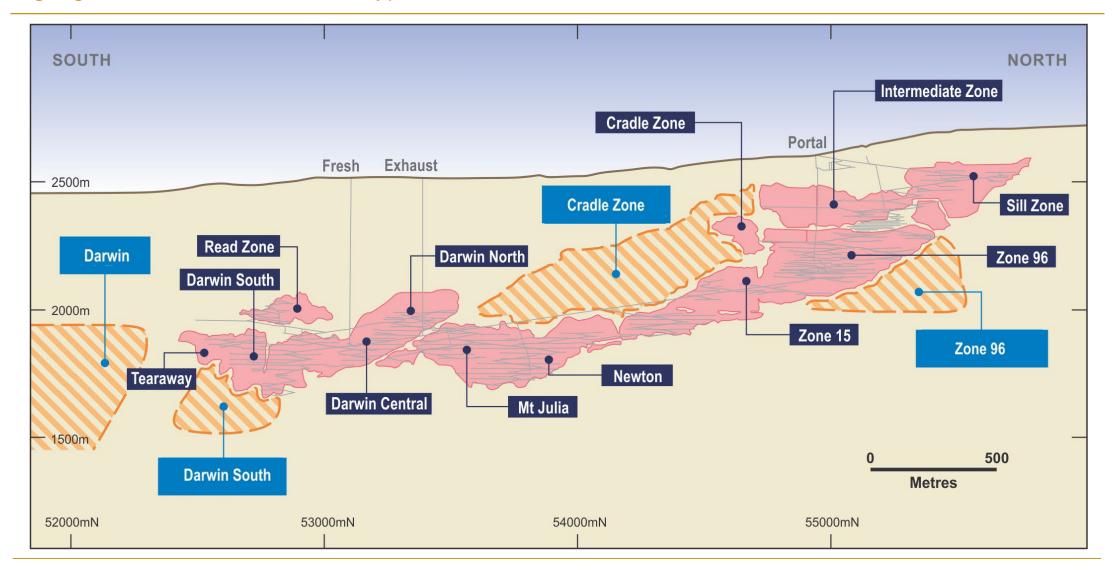
- Last 12 months production rising, costs falling, production stabilising
- Operational improvements evident throughout the year
- Mill running at 300kt pa nameplate for the first time since 2008
- Production rising to 30koz pa

		Q1	Q2	Q3	Q4
Development metres	m	996	957	1,009	1,088
Total material movement	. kt	107	98	116	137
Total mined ore	kt	58	61	80	78
Processed tonnes	t	53	64	71	75
Ounces recovered	Oz	4,563	6,640	6,834	6,926
AISC	A\$/oz	3,215	3,447	2,712	2,649



Henty exploration

Targeting new, clean ore zones to de-risk Henty production

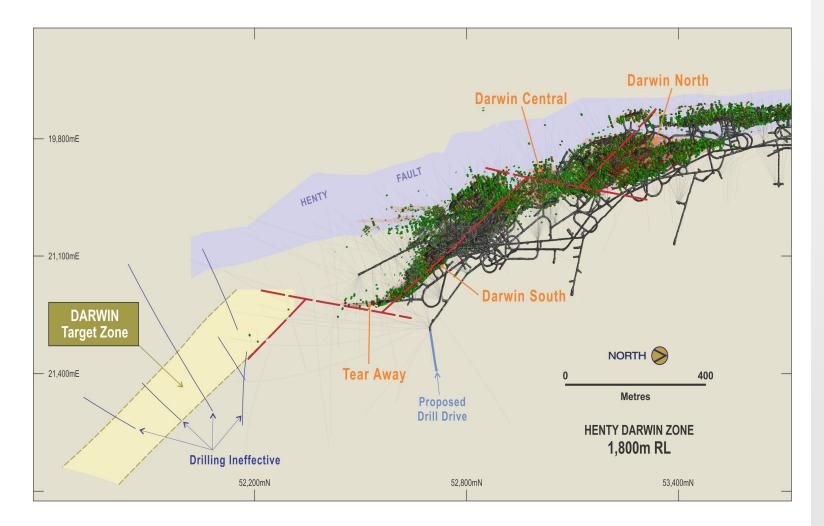




Henty exploration – Darwin extension

First exploration in 20 years

- 1.4Moz system
- System would not just end, displacement more likely
- New exploration drive completed to commence targeting Darwin extensions







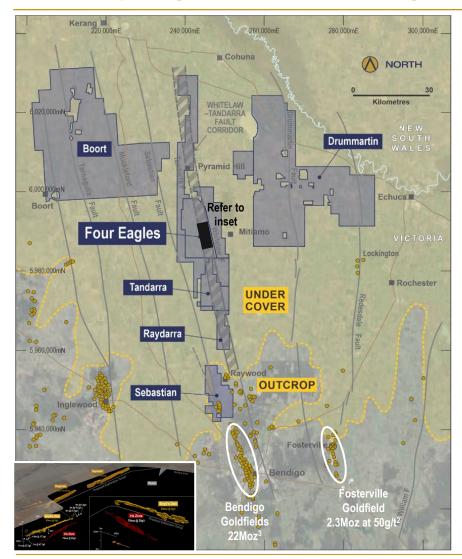
VICTORIA

Bendigo Exploration



Bendigo

Immediately along strike from 22Moz Bendigo Goldfields



- Significant landholding immediately north of historic 22Moz Bendigo goldfields
- Joint venture with Hancock Prospecting at Four Eagles Gold Project
- Progressing approvals for underground exploration tunnel at Four Eagles



⁽²⁾ Fosterville-Gold-Mine-Victoria-Australia-Updated-NI-43-101-Technical-ReportApr-1-2019

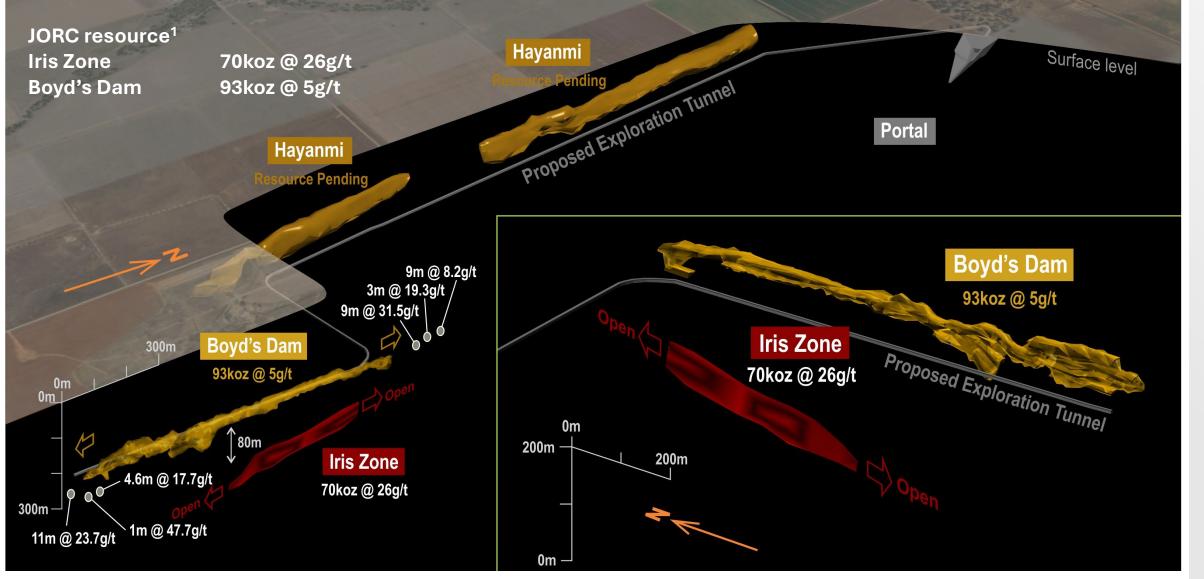


⁽³⁾ https://earthresources.vic.gov.au/geology-exploration/minerals/metals/gold

catalys

Four Eagles Gold Project - Boyd's Dam Prospect

High grade maiden resource at Boyd's Dam and Iris Zone



APPENDI

Group Reserves and Resources

Reserves

	Proven				Probable		Total			
Ore Reserve	Tonnes (Mt)	Grade (g/t Au)	Ounces (koz)	Tonnes (Mt)	Grade (g/t Au)	Ounces (koz)	Tonnes (Mt)	Grade (g/t Au)	Ounces (koz)	
Henty ¹	-	-	-	1.0	3.6	115	1.0	3.6	115	
Plutonic ³	-	-	-	5.2	2.9	490	5.2	2.9	490	
Trident ⁵	-	-	-	1.3	4.5	188	1.3	4.5	188	
Group Total	-	-	-	7.5	3.3	793	7.5	3.3	793	

Resources

		Measured		Indicated			Inferred			Total		
Mineral Resource	Tonnes (Mt)	Grade (g/t Au)	Ounces (koz)	Tonnes (Mt)	Grade (g/t Au)	Ounces (koz)	Tonnes (Mt)	Grade (g/t Au)	Ounces (koz)	Tonnes (Mt)	Grade (g/t Au)	Ounces (koz)
Plutonic Underground ³	-	-	-	17.2	2.9	1,592	0.7	2.6	62	17.9	2.9	1,654
Plutonic East Underground ⁶	-	-	-	0.9	2.8	80	1.3	2.4	102	2.2	2.5	182
Trident ³	-	-	-	2.0	4.2	273	2.6	3.0	251	4.6	3.5	524
K2 Underground ⁶	-	-	-	0.2	4.2	31	0.5	3.4	49	0.7	3.6	81
Triple-P & Zone-B Underground	-	-	-	-	-	-	0.2	4.3	24	0.2	4.3	24
Trident West Open Pit	-	-	-	0.3	1.1	9	-	-	-	0.3	1.1	9
Marwest & Mars Open Pit	-	-	-	0.7	2.0	45	-	-	-	0.7	2.0	45
Mareast Open Pit	-	-	-	0.5	1.9	30	-	-	-	0.5	1.9	30
EastMareast Open Pit	-	-	-	0.2	1.1	8	-	-	-	0.2	1.1	8
Wedgetail Open Pit	-	-	-	0.2	1.7	10	-	-	-	0.2	1.7	10
PHB-1 (K3) Open Pit	-	-	-	0.6	2.0	39	0.2	1.4	11	0.8	1.9	50
K1 Open Pit	-	-	-	0.7	1.8	42	0.8	1.7	47	1.6	1.8	89
Triple-P & Triple-P Sth Open Pit	-	-	-	0.6	2.1	42	0.5	1.4	21	1.1	1.8	63
Albatross & Flamingo Open Pit	-	-	-	-	-	-	0.9	1.4	38	0.9	1.4	38
Cinnamon Open Pit	-	-	-	1.5	1.8	86	0.5	1.9	32	2.0	1.8	119
Total Plutonic and Marymia⁴	-	-	-	25.6	2.8	2,287	8.2	2.4	637	33.9	2.7	2,926
Henty Underground	-	-	-	1.8	4.5	257	0.9	4.0	111	2.6	4.3	368
Total Henty ¹	-	-	-	1.8	4.5	257	0.9	4.0	111	2.6	4.3	368
Boyd's Dam	-	-	-	0.5	5.0	73	0.1	5.0	20	0.6	5.0	93
Iris Zone	-	-	-	-	-	-	0.1	26.2	70	0.1	26.2	70
Total Bendigo ²	-	-	-	0.5	5	73	0.2	13.3	90	0.7	7.7	163
Group Total	-	-	-	27.9	2.9	2,617	9.3	2.8	838	37.2	2.9	3,457

- (1) CYL announcement 27 September 2022 Mineral Resource Update at Henty Gold Mine.
- (2) CYL announcement 15 June 2023 "Maiden Mineral Resource at Four Eagles project"
- (3) CYL announcement 8 December 2023 "Plutonic and Trident Reserves and Resources Updated"
- (4) CYL announcement 15 June 2023 Maiden Mineral Resource of 163,000oz at Four Eagles Project
- 5) CYL announcement 3 July 2024 "Trident Maiden Reserve Underpins Low-Cost Development"





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MARYMIA EXPLORATION RESULTS AND MINERAL RESOURCE ESTIMATES

Full details of the Exploration Results and Mineral Resource estimate for the Plutonic Gold Belt contained in this Presentation are provided in Catalyst's ASX announcement, dated 20 February 2023 entitled "Marymia Gold Project Mineral Resource", announcement dated 8 December 2023 entitled "Plutonic and Trident Reserves and Resources - Updated", announcement dated 3 July 2024 entitled "Trident Maiden Reserve Underpins Low-Cost Development" and announcement dated 6 August 2024 "K@ and Plutonic East Mineral Resource Update". For the purposes of ASX Listing Rule 5.23.2, Catalyst confirms that it is not aware of any new information or data that materially affects the information included in those announcements and that all material assumptions and technical parameters underpinning the relevant Minerals Resource estimate in that announcement continue to apply and have not materially changed.

All drill results for the Marymia Gold Project have been previously released on ASX by Vango Mining Limited (Vango) and are publicly available at www.asx.com.au. The Mineral Resource Estimate for the Marymia Gold Project dated 20 February 2023 entitled "Marymia Gold Project Mineral Resource" has been compiled by the same Competent Person that provided the original Mineral Resource Estimates for Vango, and those estimates have been reviewed using updated gold price and cost information. The Competent Person who signed off on drill results for Vango has also signed off for Catalyst. Catalyst confirms that it is not aware of any new information or data that materially affects the information included in those announcements that has not been released to on the ASX by Catalyst Metals Ltd.

PLUTONIC GOLD PROJECT

The Mineral Resource and Mineral Reserve estimates relating to the Plutonic Gold Project contained in this announcement have been prepared in accordance with Canadian National Instrument 43-101 standards and have not been reported in accordance with the JORC Code. For the purpose of ASX Listing Rule 5.13, see Catalyst's announcement of 24 February 2023 entitled "Catalyst to Acquire Plutonic Gold Mine", which includes the information required by ASX Listing Rule 5.12. Catalyst is not in possession of any new information or data relating to the Mineral Reserve Estimates for the Plutonic Gold Project that materially impacts on the reliability of the estimates or Catalyst's ability to verify the Mineral Reserve in accordance with the JORC Code. Catalyst confirms that the supporting information provide in the abovementioned announcement continues to apply and has not materially changed.





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