# **ASX Announcement**

12 December 2024



Catalyst Metals produces 110koz of gold annually from two operations – Plutonic & Henty.

Its flagship asset is the 40km long Plutonic Gold Belt in Central Western Australia. This belt hosts the Plutonic Gold Mine which currently produces 85koz pa at an AISC of A\$2,128/oz.

Over the next 12 to 18 months, Catalyst plans to bring three new mining areas into production. In so doing, Group

production is forecast to reach 200koz of gold.

These projects have a low septal intensity – A\$31m in total. Each will be to essed through the existing, currently underutilised and centrally located processing plant.

At a lyst also owns and operates the high-grade henty Gold Mine in asinania and controls type km of strike length hamediately north of the historic +22Moz Bendigo the field. Here, Catalyst and delineated a highgrade, greenfield resource at 26 g/t Au with further discoveries along strike spected.

## **Capital Structure**

Shares o/s: 225.8m Options/Rights: 7.9m Cash & Bullion: A\$58m Debt: Nil

#### **Reserves and Resources**

MRE: 3.6Moz at 2.8g/t Au ORE: 1.0Moz at 3.0g/t Au

#### **Corporate Details**

ASX: CYL E:investors@catalystmeta Is.com.au

# Catalyst mobilises six exploration drill rigs to Plutonic and reports results from first Hermes drill program

Step out drilling of known mineralisation at Hermes returns high-grade results

- Six exploration drill rigs have now been mobilised to the Plutonic Gold Belt
- These drill rigs will undertake a series of exploration programs across the belt totalling 180,000m
- An initial step out drilling program from the Hermes Resource has returned attractive results including:
  - 16m at 10.6g/t Au
  - 15m at 2.4g/t Au
  - 13m at 11.4g/t Au
  - 9m at 5.7g/t Au
- 2m at 20.8g/t Au
   2m at 13.6g/t Au

• 15m at 3.1g/t Au

- o 1m at 17.2g/t Au
- A further step out program will occur in March when the drill rig returns to Hermes
- The March drill program will target deeper holes seeking to follow the mineralisation further down plunge and to extend Resources
- In the meantime, exploration rigs will continue programs across Trident, Plutonic underground, and a number of historical satellite pits

Catalyst Metals Limited (**Catalyst** or the **Company**) (ASX:CYL) is pleased to provide an update of exploration activity across the Plutonic Gold Belt.

Catalyst has recently mobilised five exploration drill rigs to site in addition to the three-grade control and resource development rigs currently assisting operations at Plutonic. Six of these rigs are focussed on exploration.

This fleet of drill rigs will complete a number of different exploration programs over the FY2025 year totalling 180,000m. They include areas to be mined in the near term (ie. extensions to Plutonic underground), medium term (ie. Hermes) and longer term (ie. overthrust corridor).

One of these drill programs is at Hermes. Hermes has an NI 43-101 resource of 243koz<sup>1</sup> and is one of the largest resources on the Plutonic Gold Belt. Previous production from the four Hermes open pits was 65,000oz at 1.3g/t Au

This initial program focussed on step out drilling, targeting mineralisation down dip of the known resource. The drilling results to date support the initial thesis and a follow up program will be conducted in March 2025.

# Catalyst's Managing Director & CEO, James Champion de Crespigny, commented:

"For some time now, Catalyst has been taking the steps to build out the growth platform of the business. Initially this started with stabilising the Plutonic operations to generate cashflows.



Second was strengthening the balance sheet allowing the development of three growth projects of Plutonic East, K2 and Trident on a path to produce 200koz of gold annually. The last of these steps is exploration.

*Exploration will focus on building out Plutonic's development pipeline. Hermes is a medium-term development opportunity and the results to date indicate the potential for extensions to the known Resource.* 

We are obviously hopeful these type of results continue as the 180,000m drill program unfolds over the course of this financial year."

# Hermes

Hermes comprises a series of four historic open pits, located 50km south-west of the Plutonic processing plant. The Hermes deposits are connected to the Plutonic processing plant via an existing 60km haul road (refer Figure 1). These deposits were mined between 2016 and 2019 under previous owners Northern Star and Superior Gold, producing 1.6Mt at 1.3g/t for 65koz of gold in the process

Hermes was last mined in 2019 and has an NI 43-101 indicated resource of 1,990Mt at 1.4g/t for 87koz of gold and an inferred resource of 3,868Mt at 1.3g/t for 156koz of gold<sup>1</sup>.

The Mineral Resource estimates relating to the Hermes deposits 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. A competent person has not done sufficient work to classify the resource in accordance with the JORC Code and it is uncertain that following evaluation and/or further exploration work that the estimate will be able to be reported as a mineral resource or ore reserve 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.

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

## **Investors and Media:**

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#### Competent person's statement

The information in the report that relates to exploration results is based on information compiled by Mr Andrew Finch, BSc, a Competent Person who is a current Member of Australian Institute of Geoscientists (MAIG 3827). Mr Finch, Geology Manager, at Catalyst Metals Ltd has sufficient experience relevant to the style of mineralisation and deposit type under consideration and to the activities 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. Mr Finch consents to the inclusion in the report of matters based on his information in the form and context in which it appears.

<sup>&</sup>lt;sup>1</sup> Refer to Superior Gold Inc.'s technical report entitled "2022 Mineral Resource and Reserve Estimate for the Plutonic Gold Operations" dated July 5, 2022, filed on Catalyst's SEDAR profile



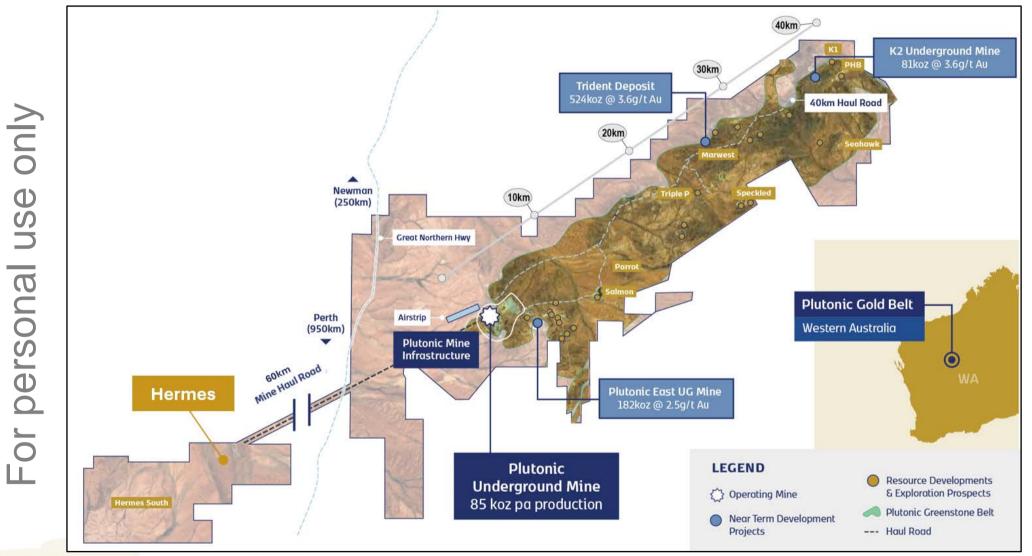


Figure 1: Plutonic Gold Belt, showing location of Hermes



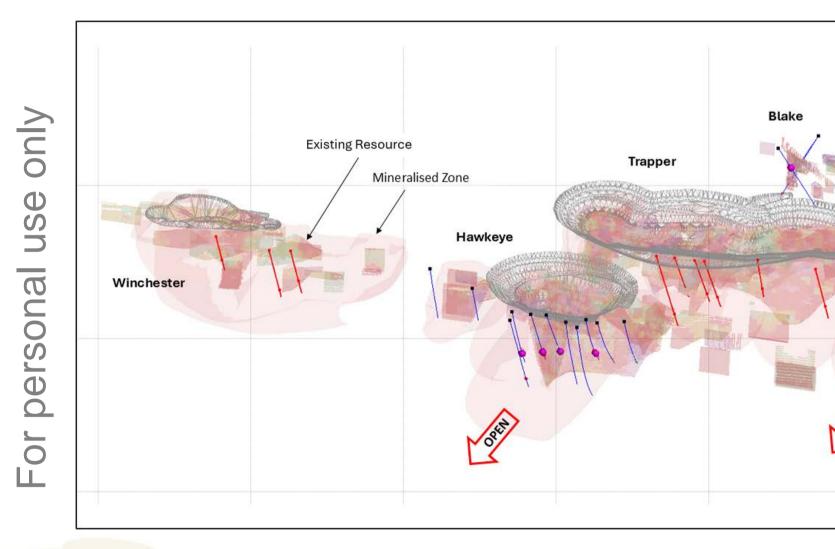


Figure 2: Hermes section showing RC drill traces (assays pending)

Klinger

Plunge +32 Azimuth 120

200

300

100

Nev Nev



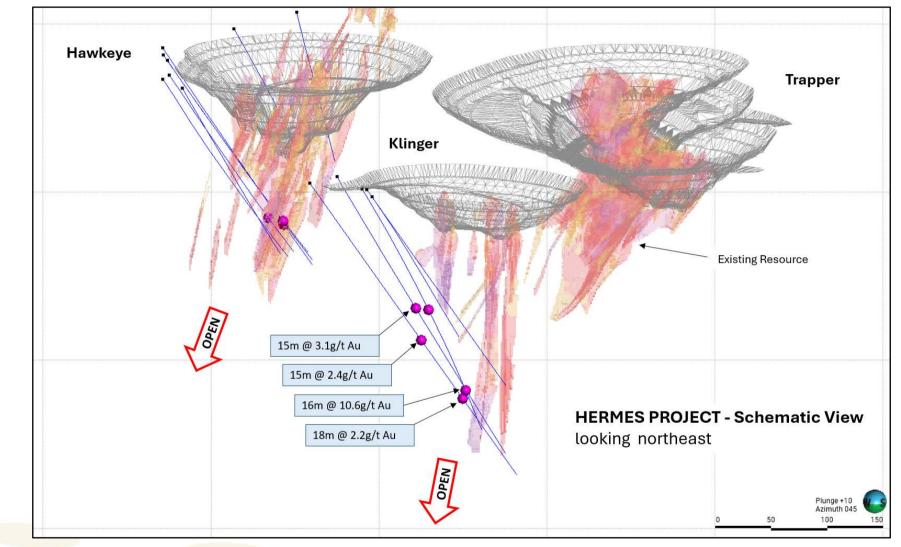


Figure 3: Hermes northeast view showing RC drill traces and significant intercepts



# APPENDIX 1: HERMES DRILLHOLE DATA Table 1a: Hermes drillhole collars

Project	Hole Id	Easting	Northing	RL	Dip (°)	Azimuth (°)	End of Hole (m)	From (m)	To (m)	Downhole Length (m)	Au (g/t)	Gram metres (g*m)
HAWKEYE	HER1001	691569	7169220	563	-60.7	133.5	173	130	131	Length (m)	0.51	0.51
HAWKEYE	HER1001	691569	7169220	563	-60.7	133.5	173	138	140	2	1.23	2.46
HAWKEYE	HER1001	691569	7169220	563	-60.7	133.5	173	147	150	3	1.05	3.15
HAWKEYE	HER1001	691569	7169220	563	-60.7	133.5	173	165	169	4	1.71	6.84
HAWKEYE	HER1002	691592	7169268	563	-56.9	135.7	195	146	150	4	1.71	4
HAWKEYE	HER1002	691592	7169268	563	-56.9	135.7	195	155	157	2	1.02	2.04
HAWKEYE	HER1002	691592	7169268	563	-56.9	135.7	195	170	172	2	2.55	5.1
HAWKEYE	HER1003	691596	7169313	562	-62.4	129.7	266	209	210	1	0.39	0
HAWKEYE	HER1004	691613	7169281	562	-56.4	129.2	195	135	136	1	0.73	0.73
HAWKEYE	HER1004	691613	7169281	562	-56.4	129.2	195	140	145	5	2.23	11.15
HAWKEYE	HER1004	691613	7169281	562	-56.4	129.2	195	149	151	2	0.92	1.84
HAWKEYE	HER1004	691613	7169281	562	-56.4	129.2	195	156	158	2	13.58	27.16
HAWKEYE	HER1004	691613	7169281	562	-56.4	129.2	195	172	177	5	3.5	17.5
HAWKEYE	HER1005	691626	7169320	562	-62.6	128.8	233	146	147	1	0.56	0.56
HAWKEYE	HER1005	691626	7169320	562	-62.6	128.8	233	192	193	1	0.9	0.9
HAWKEYE	HER1005	691626	7169320	562	-62.6	128.8	233	218	232	14	0.74	10.36
HAWKEYE	HER1006	691668	7169339	562	-55.7	136.4	214	152	153	1	1.39	1.39
HAWKEYE	HER1006	691668	7169339	562	-55.7	136.4	214	170	186	16	2.07	33.12
HAWKEYE	HER1006	691668	7169339	562	-55.7	136.4	214	191	193	2	0.81	1.62
HAWKEYE	HER1007	691687	7169363	561	-56.0	132.8	229	142	144	2	0.87	1.74
HAWKEYE	HER1007	691687	7169363	561	-56.0	132.8	229	150	151	1	0.53	0.53
HAWKEYE	HER1007	691687	7169363	561	-56.0	132.8	229	173	197	24	1.39	33.36
HAWKEYE	HER1007	691687	7169363	561	-56.0	132.8	229	201	209	8	1.41	11.28
HAWKEYE	HER1007	691687	7169363	561	-56.0	132.8	229	215	216	1	17.15	17.15
HAWKEYE	HER1008	691713	7169391	561	-55.9	129.6	239	119	120	1	0.64	0.64
HAWKEYE	HER1008	691713	7169391	561	-55.9	129.6	239	145	146	1	0.99	0.99
HAWKEYE	HER1008	691713	7169391	561	-55.9	129.6	239	168	171	3	3.36	10.08
HAWKEYE	HER1008	691713	7169391	561	-55.9	129.6	239	177	178	1	1.15	1.15
HAWKEYE	HER1008	691713	7169391	561	-55.9	129.6	239	188	201	13	11.42	148.46
HAWKEYE	HER1008	691713	7169391	561	-55.9	129.6	239	188	190	2	20.76	41.52
HAWKEYE	HER1009	691689	7169410	561	-58.8	134.3	272	166	167	1	3.17	3.17
HAWKEYE	HER1009	691689	7169410	561	-58.8	134.3	272	178	182	4	0.85	3.4
HAWKEYE	HER1009	691689	7169410	561	-58.8	134.3	272	209	214	5	0.58	2.9
HAWKEYE	HER1009	691689	7169410	561	-58.8	134.3	272	227	228	1	1.73	1.73
HAWKEYE	HER1009	691689	7169410	561	-58.8	134.3	272	233	242	9	1.57	14.13
HAWKEYE	HER1009	691689	7169410	561	-58.8	134.3	272	269	272	3	0.98	2.94
HAWKEYE	HER1010	691827	7169415	562	-60.7	130.9	122	31	32	1	0.58	0.58
HAWKEYE	HER1011	691937	7169447	559	-75.5	145.9	138	92	94	2	0.89	1.78
BLAKE	HER1012	691972	7168634	565	-61.0	210.0	157	43	59	16	1.39	22.24



Project	Hole Id	Easting	Northing	RL	Dip (°)	Azimuth (°)	End of Hole (m)	From (m)	To (m)	Downhole Length (m)	Au (g/t)	Gram metres (g*m)
BLAKE	HER1012	691972	7168634	565	-61.0	210.0	157	146	147	1	0.53	0.53
BLAKE	HER1013	691972	7168543	565	-60.0	30.0	59	49	50	1	0.12	0
BLAKE	HER1014	691972	7168543	565	-61.2	28.4	157	124	126	2	0.8	1.6
KLINGER	HER1014	691972	7168543	565	-61.2	28.4	157	146	151	5	2.63	13.15
KLINGER	HER1015	691286	7168693	564	-55.0	135.0	209	38	41	3	0.78	2.34
KLINGER	HER1015	691286	7168693	564	-55.0	135.0	209	47	50	3	0.58	1.74
KLINGER	HER1015	691286	7168693	564	-55.0	135.0	209	162	163	1	0.66	0.66
KLINGER	HER1015	691286	7168693	564	-55.0	135.0	209	174	182	8	0.55	4.4
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	35	38	3	0.65	1.95
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	110	113	3	2.78	8.34
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	149	160	11	1.46	16.06
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	166	181	15	2.39	35.85
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	190	191	1	0.8	0.8
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	204	205	1	0.63	0.63
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	206	207	1	0.54	0.54
KLINGER	HER1016	691295	7168782	564	-55.0	135.0	322	229	247	18	2.22	39.96
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	35	38	3	0.52	1.56
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	99	100	1	0.61	0.61
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	105	110	5	1.39	6.95
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	115	132	17	2.09	35.53
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	169	170	1	0.58	0.58
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	195	211	16	10.55	168.8
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	205	208	3	52.1	156.3
KLINGER	HER1017	691328	7168748	559	-58.5	137.5	241	218	219	1	0.96	0.96
KLINGER	HER1018	691310	7168724	564	-55.3	133.2	157	47	48	1	1.45	1.45
KLINGER	HER1018	691310	7168724	564	-55.3	133.2	157	74	75	1	0.93	0.93
KLINGER	HER1018	691310	7168724	564	-55.3	133.2	157	105	108	3	0.98	2.94
KLINGER	HER1018	691310	7168724	564	-55.3	133.2	157	112	114	2	0.76	1.52
KLINGER	HER1018	691310	7168724	564	-55.3	133.2	157	141	142	1	0.85	0.85
KLINGER	HER1019	691334	7168786	565	-60.7	132.9	293	116	117	1	0.9	0.9
KLINGER	HER1019	691334	7168786	565	-60.7	132.9	293	131	146	15	3.13	46.95
KLINGER	HER1019	691334	7168786	565	-60.7	132.9	293	155	156	1	1.77	1.77
KLINGER	HER1020	691355	7168807	564	-55.9	134.0	275	151	152	1	2.79	2.79
KLINGER	HER1020	691355	7168807	564	-55.9	134.0	275	157	163	6	0.65	3.9
KLINGER	HER1020	691355	7168807	564	-55.9	134.0	275	226	235	9	5.7	51.3
KLINGER	HER1020	691355	7168807	564	-55.9	134.0	275	242	243	1	0.57	0.57
KLINGER	HER1020	691355	7168807	564	-55.9	134.0	275	249	251	2	1.93	3.86
KLINGER	HER1020	691355	7168807	564	-55.9	134.0	275	255	257	2	1.69	3.38



Section 1 Sampling Techniques and Data Hermes Deposits

(Criteria in this section apply to all succeeding sections.)

Criteria	Commentary
Sampling techniques	<ul> <li>This release relates to results from Reverse Circulation (RC) drilling samples at the Hermes Deposits.</li> </ul>
	<ul> <li>RC – a fixed cone splitter used, with double chutes for field duplicates with infinite adjustment between 4 – 15% per sample chute, sampled every metre.</li> </ul>
	• RC samples 2-7kg samples are dispatched to an external accredited laboratory where they are crushed and pulverized to a pulp (P90 75 micron) for fire assay (40g charge).
	• The Hermes deposits have historically been sampled using numerous drilling and sampling techniques by both Catalyst Plutonic and previous operators. Drilling and sampling techniques by
	previous operators are assumed to have been to industry standards at that time.
Drilling techniques	<ul> <li>RC holes were drilled with 5 &amp; 5/8 inch diameter hammer with a face sampling bit and were sampled at one metre down hole intervals.</li> </ul>
Drill sample	<ul> <li>All holes were logged on site by an experienced geologist.</li> </ul>
recovery	<ul> <li>RC recoveries are monitored by visual inspection of split reject during drilling and lab weight samples are recorded and reviewed during analysis.</li> </ul>
	<ul> <li>RC drilling by previous operators is considered to be to industry standard at the time.</li> </ul>
	• There is no known relationship between sample recovery and grade at Hermes.
	Sample bias was not observed either during drilling and sampling events or within collected QAQC data.
Logging	<ul> <li>RC samples have been logged by qualified geologists to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> </ul>
	<ul> <li>Logging is both qualitative and quantitative.</li> </ul>
	Logging records include: depth from, depth to, weathering, oxidation, lithology, texture, colour,
	alteration style, alteration intensity, alteration mineralogy, sulphide content and composition, quartz content, veining, and general comments.
Sub-sampling	RC samples were collected for each metre drilled and passed through a cyclone and cone splitter to
techniques and	produce a 2-7 kg assay into calico bags. Samples were generally dry.
sample	Samples were composited to 3 metres outside of the mineralisation footprint (average downhole
preparation	depth of 80 metres). Any samples reporting >0.1 g/t Au within these waste zones were re-split and re-assayed as 1 metre composites.
	• The RC drilling and sampling were supervised at the drill site by a company sampler and geologist.
	<ul> <li>Sample preparation protocols and sample sizes are considered appropriate for the style of mineralisation encountered and should provide representative results.</li> </ul>
Quality of assay	• For the current RC drilling, total gold concentration was analysed at ALS (Perth) using fire assay (Au-
data and	AA26) by the lead collection technique with a 50gm sample charge weight and AAS finish.
laboratory tests	<ul> <li>Fire assay gold analysis is considered to be a total gold determination.</li> </ul>
	Samples are dried, crushed and pulverised prior to analysis.
	Certified Reference Material (CRMs) are submitted every 20 samples.
	<ul> <li>CRMs are of similar grade tenor to those expected in the sampling. The CRM insertion rate ensures that there are at least two CRMs per assay batch. CRMs are selected based on their grade range</li> </ul>
	and mineralogical properties with an emphasis on sulphide ores.
	Blanks are inserted every 20 samples for RC.
	Field duplicates were collected every 20 samples.     Field enucle duplicates account a fragments of 2 5%
	<ul> <li>Field, crush and pulp duplicates, occur at a frequency of 2.5%.</li> <li>Current precedures distance a precess of validation and sheeking of laboratory results when data is</li> </ul>
	• Current procedures dictate a process of validation and checking of laboratory results when data is returned by the laboratory as it is loaded into the acQuire database. A standard set of plots and
	checks are undertaken, and if results fall outside of the expected limits, then re-assaying is requested. Monthly QAQC reports are generated by the database administrator and documented from automated routines out of the database.
Verification of	RC logging is completed electronically on laptops. Database protocols and rules are applied upon
sampling and assaying	data entry.
ussuying	<ul> <li>Surface drill sample data is stored in a commercial SQL (Quest) database and when relevant transferred to the mine database (currently in acQuire)</li> <li>All drill data within alta database are applied using both internal database and end of the start of the</li></ul>
	<ul> <li>All drill data within site databases are regularly validated using both internal database systems and external validation tools.</li> </ul>



Criteria	Commentary
	<ul> <li>Validation of pre-Catalyst data is completed periodically.</li> <li>The current drilling is confirming previous drilling, with no intentional twinned holes have been completed at this stage.</li> <li>No adjustment was made to any assay data.</li> </ul>
Location of data points	<ul> <li>Hole collar locations are marked out using GPS and picked up using DGPS.</li> <li>Downhole surveys are completed using an Axis Gyro every 30 metres.</li> <li>Topographic control uses local DGPS pickups and detailed aerial (drone) DEM flown by Arvista to sub 0.5m accuracy.</li> <li>Grid system is MGA94 Zone 50</li> </ul>
Data spacing and distribution	<ul> <li>This current round of evaluation drilling was targeting a nominal spacing of 20m at the interpretated mineralisation horizon and was dependent on pre-existing hole positions.</li> <li>RC samples were at 3 metre intervals in the overlying waste zones outside of the mineralisation footprint and at 1metre within and proximal to the main resource zones.</li> <li>The data spacing and distribution is sufficient to establish geological and/or grade continuity appropriate for future use in a Mineral Resource update where classifications will be applied and with a known likelihood of local variability.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Drilling is orientated approximately perpendicular to the strike and dip of the mineralisation and is unlikely to have introduced any sampling bias.</li> <li>However, drill orientation to the mineralisation planes may be compromised by access to suitable drill sites.</li> <li>Any resultant variable drill orientation relative to mineralisation is assumed to be unbiased and be immaterial to future resource estimation.</li> </ul>
Sample security	<ul> <li>The chain of custody is managed by Catalyst employees and contractors.</li> <li>Samples are stored on site and delivered to the lab in Perth.</li> <li>Samples are delivered to the ALS assay laboratory in Perth by a contracted transport company with consignment notes in place to track the samples.</li> <li>Pre-Catalyst operator sample security is assumed to be consistent and adequate.</li> </ul>
Audits or reviews	<ul> <li>No external audit or reviews of sampling techniques have been undertaken however the data is managed by company geologist whereby internal checks/protocols are in place for all QA/QC.</li> </ul>



Section 2 Reporting of Exploration Results Hermes Deposits

(Criteria listed in the preceding section also apply to this section.)

Criteria	Commentary						
Mineral tenement and land tenure status	<ul> <li>The Plutonic Gold Mine group includes 30 granted exploration and mining tenements (24 mining leases, 2 exploration licences, and 4 prospecting licences) (as such term is defined in the (Western Australian) Mining Act 1978 (the "Mining Act")</li> <li>Hermes is covered by a single tenement, being M52/685.</li> <li>The tenement is wholly owned by Catalyst and in good standing and no known impediments exist.</li> <li>Previous heritage, flora and fauna surveys were conducted by Northern Star Resources (NSR) have been before the area was cleared for intensive drilling and resultant open pit mining (4 open pits).</li> <li>Relationship with the traditional owners is well informed and adequate.</li> <li>M52/685 lies within the ex-pastoral lease of Doolgunna Station, now lands managed by the Department of Parks &amp; Wildlife (DPaW). All mining activities within the lease are covered by an Environmental Management Plan ratified by the DPaW.</li> </ul>						
Exploration done by other parties	<ul> <li>Relevant exploration completed by other parties included to this resource was collected by Northern Star Resources (NSR), Alchemy Resources Limited (ALY), Troy Resources NL (Troy) and Barrick and is summarised below.</li> <li>1995 - Troy completed detailed geochemistry (stream sediment then soil geochemistry) followed by RAB drilling over the better gold geochemical anomalies, leading to the discovery in 1995 of the Hawkeye and Trapper gold deposits and several other gold prospects and prospective areas. Follow-up RC drilling was carried out along the Hawkeye-Trapper mineralised trend for a total of 234 holes for 23,274m. This drilling delineated the Hawkeye deposits estimate in 2003, and undertook preliminary mine planning studies, as part of an acquisition/offtake review study, concluding that the resource was uneconomic at the time.</li> <li>2009 - ALY acquired the Hermes Gold Project they completed a series of programs comprising data review, geological mapping, AC and RC drilling, diamond drilling and metallurgical test work. A total of 133 AC holes for 5,473m, 112 RC holes for 12,946m and 10 NQ diamond holes for 1,080.0m were drilled in the general Hermes area. Metallurgical test work by ALY on diamond core samples from the Hermes deposits confirmed a relatively simple free milling ore type with gravity recoveries ranging from 38.9%-63.7% and overall recoveries greater than 92%.</li> <li>2015 - NSR acquired the Project and completed a resource definition drilling was carried out to obtain metallurgical, geotechnical, structural and lithological information. An initial economic assessment of the Project following the drilling campaign indicated a robust mining inventory of approximately 100k ounces recoverable.</li> <li>2016 - NSR completed further resource delineation drilling program at Hermes comprising 368 RC holes for 31,908m objective of de-risking stage 1 and 2 open pit operations, significantly increase the Hermes resource in the vicinity of the proposed pits and comple</li></ul>						
Geology	<ul> <li>2023 - Catalyst acquires Plutonic Gold Project.</li> <li>The Hermes Gold Project covers part of the southwest portion of the Archaean Marymia Inlier near its southern contact with the Proterozoic Bryah Basin. Mesothermal style gold deposits of the Peak Hill area occur in the Peak Hill Schist and the Naracoota Formation and associated formations of the Bryah Group.</li> <li>Although most of the deposits are confined to various stratigraphic units, mineralisation is generally structurally controlled.</li> <li>Mineralisation at this deposit is considered to be analogous to Proterozoic mesothermal quartz reefs.</li> </ul>						
	<ul> <li>The Hermes Gold Deposits, consisting of the Hawkeye, Trapper, Klinger, Winchester &amp; Blake deposits, are parallel, northeast trending, mineralized zones separated by mostly barren amphibolite.</li> </ul>						



Criteria	Commentary
	<ul> <li>In fresh rock, the mineralized zone is characterised by recrystallised (grey) quartz veining within silica-sericite-biotite alteration ± pyrite-arsenopyrite.</li> <li>The bulk of the mineralisation is contained within quartz-sericite-biotite schist, however extensions into the mafic footwall unit are common.</li> <li>In general, the mineralised quartz veins, foliation and relict bedding are steeply-dipping to subvertical and high-grade shoots are interpreted to plunge shallowly to the north within the mineralised plane.</li> </ul>
Drill hole Information	A table of drill hole data pertaining to this release is attached.
Data aggregation methods	<ul> <li>Reported drill results are uncut</li> <li>All relevant intervals to the reported mineralised intercept are length weighted to determine the average grade for the reported intercept.</li> <li>All significant intersections are reported with a lower cut-off of 0.5 g/t Au including a maximum of 3m of internal dilution. Individual intervals below this cut off are reported where they are required in the context of the presentation of results.</li> <li>No metal equivalents are reported.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>Surface RC drilling is understood to be approximately perpendicular to the orebody.</li> <li>Downhole lengths are reported for this phase of drilling, true widths are currently unknown.</li> </ul>
Diagrams	Appropriate diagrams are included in the report.
Balanced reporting Other substantive	<ul> <li>All holes available are tabled and reported.</li> <li>Diagrams show the location and tenor of both high and low-grade samples.</li> <li>No additional exploration data is included in this release.</li> </ul>
exploration data Further work	• These drilling results are part of an initial definition program over the Hermes deposits and were designed to further refine the understanding of the mineralisation controls and assist with both resource definition and targeting of future drilling.