



ASX ANNOUNCEMENT

22 JUNE 2021

## HIGH GRADE GOLD INTERSECTIONS UP TO 600g/t Au AT HENTY GOLD MINE IN TASMANIA

- High grade gold intersections in underground drilling at Henty including:
  - 2.65m @ 221.0g/t Au including 0.95m @ 603g/t Au
  - 4.0m @ 103.0g/t Au including 1.0m @ 396g/t Au
  - 7.1m @ 48.0g/t Au including 1.0m @ 269.5g/t Au
- 26 intersections recorded with greater than 20g/t Au metres
- Drilling results provide confidence in future high grade gold mining at Henty
- Catalyst receives \$50,000 exploration grant from Tasmanian Government for regional exploration
- Surface drilling on Henty Fault North planned for September 2021 Quarter

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Catalyst Metals Limited (**Catalyst** or the **Company**) (ASX: **CYL**) is pleased to announce that it has continued its exploration success at the Henty Gold Mine in Tasmania during the past three months with three diamond drills now in operation and high grade gold intersections recorded from Zone 96 and Sill Zone. Many of these intersections are outside the current resource outlines and are expected to positively impact gold production in the next few years. Most of the 89 holes drilled during the period contained gold mineralisation and 26 of these had intervals greater than 20g/t Au metres.

A number of holes contained visible gold with very high gold grades in at least ten holes as shown below:

- 2.65m @ 221.0g/t Au including 0.95m @ 603g/t Au in Z22038 (Sill Zone)
- 4.0m @ 103.0g/t Au including 1.0m @ 396g/t Au in Z22072 (Zone 96)
- 7.1m @ 48.0g/t Au including 1.0m @ 269.5g/t Au in Z22083 (Zone 96)
- 7.9m @ 7.7g/t Au in Z22102 (Zone 96)
- 5.9m @ 16.8g/t Au in Z22140 (Zone 96)
- 6.6m @ 10.2g/t Au in Z22072 (Zone 96)
- 5.7m @ 14.3g/t Au in Z22016 (Zone 96)
- 6.9m @ 15.1g/t Au in Z22017 (Zone 96)
- 2.6m @ 36.7g/t Au in Z22058(Intermediate Zone)
- 7.8m @ 33.8g/t Au in Z22084 (Zone 96)
- 2.9m @ 36.4 g/t Au in Z22080 (Zone 96)
- 4.8m @ 23.6 g/t Au in Z22082 (Zone 96)
- 5.2m @ 13.8g/t Au in Z22100 Zone 96)

Significant intersections are shown on Figure 4 and all drill hole information including collar coordinates, dip, azimuth and gold intersections are presented in Appendix 1.

Catalyst has also been awarded a grant of \$50,000 towards direct drilling costs of an upcoming drilling program testing prospective targets north of Henty Mine. The grant is offered under the Tasmanian

Government's Exploration Drilling Grant Initiative (EDGI) which co-funds high quality, technically and economically sound projects that promote innovative exploration targets or new exploration concepts and technology.

Mr Bruce Kay, Catalyst's Technical Director stated "The underground drilling program is intersecting very high-grade gold zones in the upper part of the mine and identifying structures that have not been tested in the 2020 resource estimate. We believe that these areas have the potential to be converted into production in the medium term. We are also honoured to receive the support and acknowledgement of our exploration strategy at the Henty Gold Project from the Tasmanian Government."

#### **Henty Exploration Drilling Results - March to June 2021**

Underground diamond drilling continued with three rigs in operation. Results are reported here for the period between 1 March 2021 and 1 June 2021. Full details of drilling for the previous quarter were reported to the ASX on 4 March 2021. Most of the drilling was carried out in the upper part of the mine on Zone 96, Intermediate Zone, Sill Zone and Zone 15 (Figures 3, 4 and 5). The drilling is showing excellent high-grade zones beyond the limits of the 2020 resource model and in parallel structures that have not been previously tested. These high-grade drill intersections have the potential to contribute to an increase in resources and a higher grade gold production profile.

In addition to the high-grade Intersections shown above, there are several other intervals of greater than 20 g/t Au metres that are significant for future potential. These intersections are shown on Figure 4 and included in Appendix 1:

- **2.0m @ 12.9g/t Au from 90.3 metres in Z21992 (Zone 96)**
- **3.0m @ 6.8 g/t Au from 99.7 metres in Z21916 (Intermediate Zone)**
- **2.7m @ 7.4g/t Au from 94.7 metres in Z22028 (Zone 96)**
- **2.1m @ 22.3g/t Au from 89.3 metres in Z22036 (Sill Zone)**
- **1.0 m @ 31.1g/t Au from 145.6 metres in Z22043 (Sill Zone)**
- **2.6m @ 11.0g/t Au from 96.7 metres in Z22059 (Intermediate Zone)**
- **4.4m @ 9.1g/t Au from 60.3 metres in Z22077 (Zone 96)**
- **2.1m @ 20.7g/t Au from 2.2 metres in Z22081 (Zone 96)**
- **2.1m @ 14.0g/t Au from 40.8 metres in Z22097 (Zone 96)**
- **1.6m @ 15.9g/t Au from 4.6 metres in Z22098 (Zone 96)**
- **3.9m @ 12.7g/t Au from 58.1 metres in Z22104 (Zone 96)**
- **1.0m @ 33.4g/t Au from 34.7 metres in Z22122 (Zone 96)**
- **4.6m @ 6.1g/t Au from 41.5 metres in Z22141 (Zone 96)**

As shown on Figure 4, the ore zones are complex and often represented by several parallel structures. Most of the areas in the shallow section of the mine were mined before 2006 when the gold price was less than AU\$500 per ounce. Zone 96 for example mined approximately 340,000 ounces at a grade of 14g/t Au, mostly from the Hanging Wall 1 structure. Drilling is indicating that there may be substantial mineralisation in the 5-10g/t Au range on parallel structures or lateral extensions that can be mined economically in the current gold price environment.

As part of the ongoing exploration programme Catalyst has also committed to several hundred metres of exploration development on three levels (2405, 2262 and 2140) within the mine. This development provides access for drill sites to target prospective areas that otherwise would have been difficult to drill. Early drilling on the 2262 level has intersected alteration zones of up to 9 metres that are typical of mineralisation in the upper part of the mine (Zone 96). Analyses are still outstanding.

### **Henty North Exploration Program**

A detailed review of exploration potential is in progress and has highlighted targets to the north and south of the Henty Mine where the prospective Henty Fault has not been tested (Figure 1). Initial drilling focus is on the northern extension of the Henty Fault where only five holes have intercepted the fault within 3.5 kilometres of the northern limit of workings. This represents only one intercept for every 700 metres of strike where anomalous gold, bismuth and copper geochemistry is present, and several old holes contained anomalous copper values up to 1% Cu (See Figure 2). The Tasmanian Government under the EDGI scheme will contribute \$50,000 towards a surface diamond drilling program of five holes which is planned to commence in the September 2021 Quarter.

Line cutting has commenced on the southern extension of the Henty Fault in readiness for a geochemical soils program.

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

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### **Competent person's statement**

*The information in this report that relates to exploration results is based on information compiled by Henty geological staff and reviewed 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.*

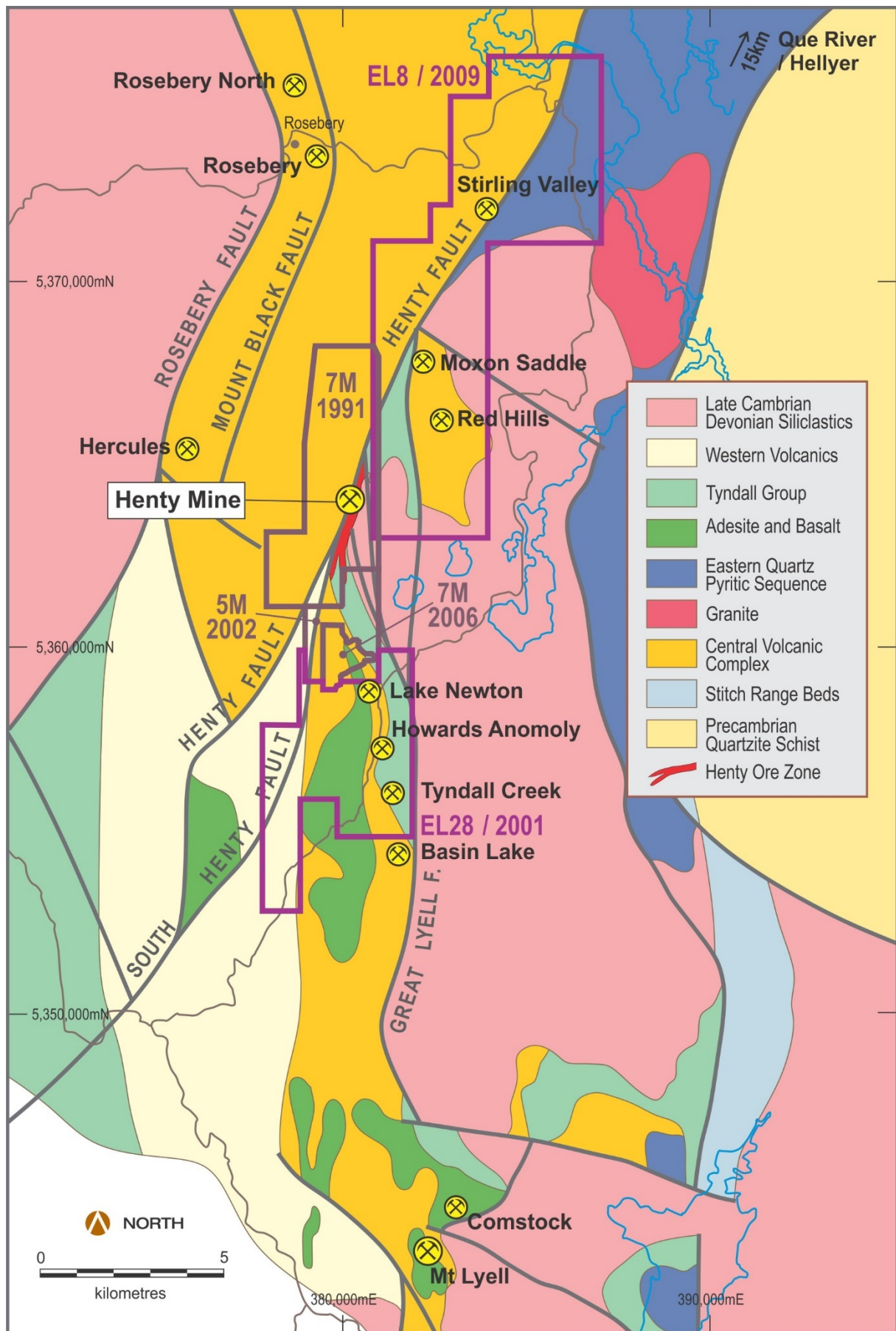


Figure 1: Plan view showing Henty Gold Mine tenements and major faults

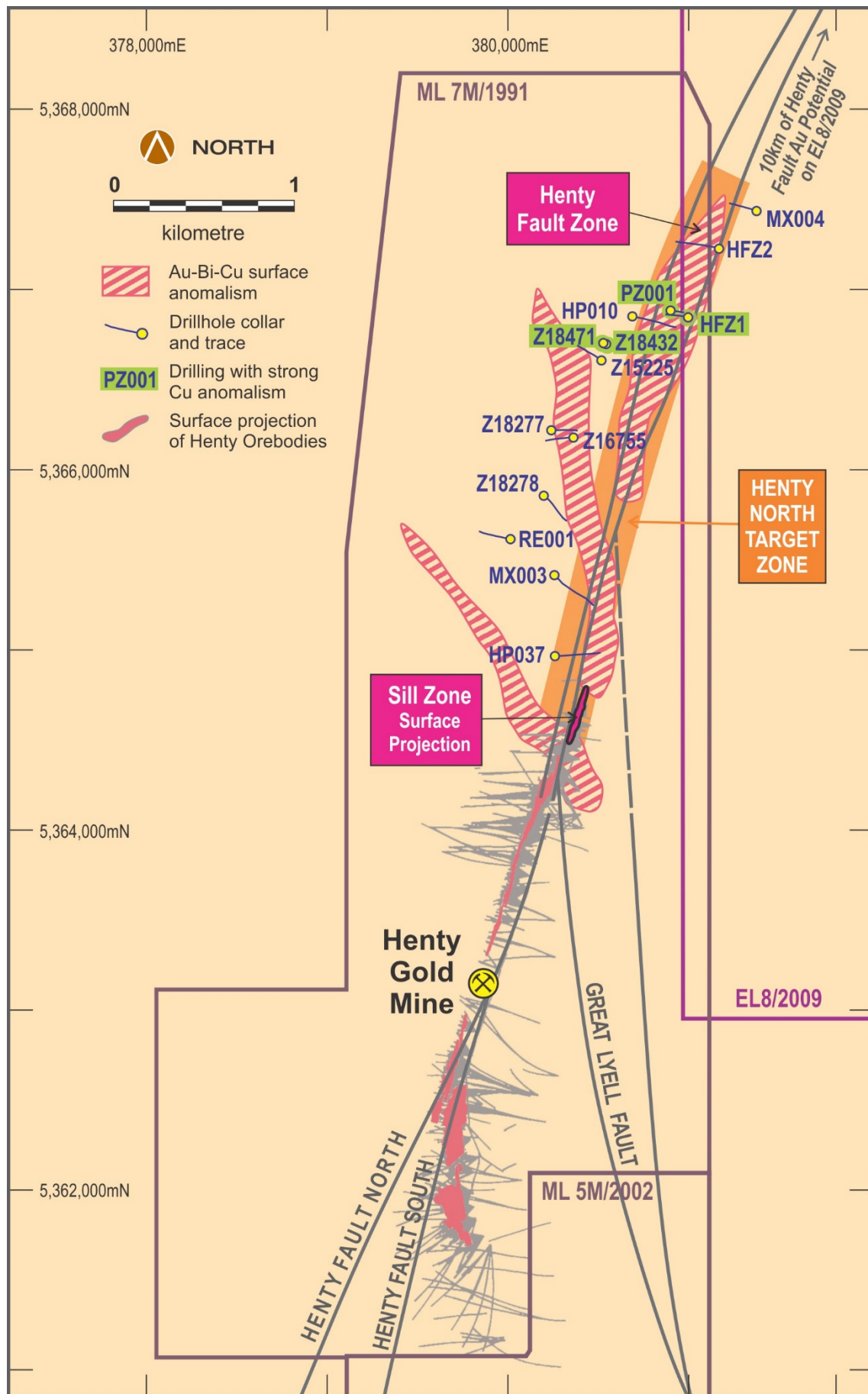
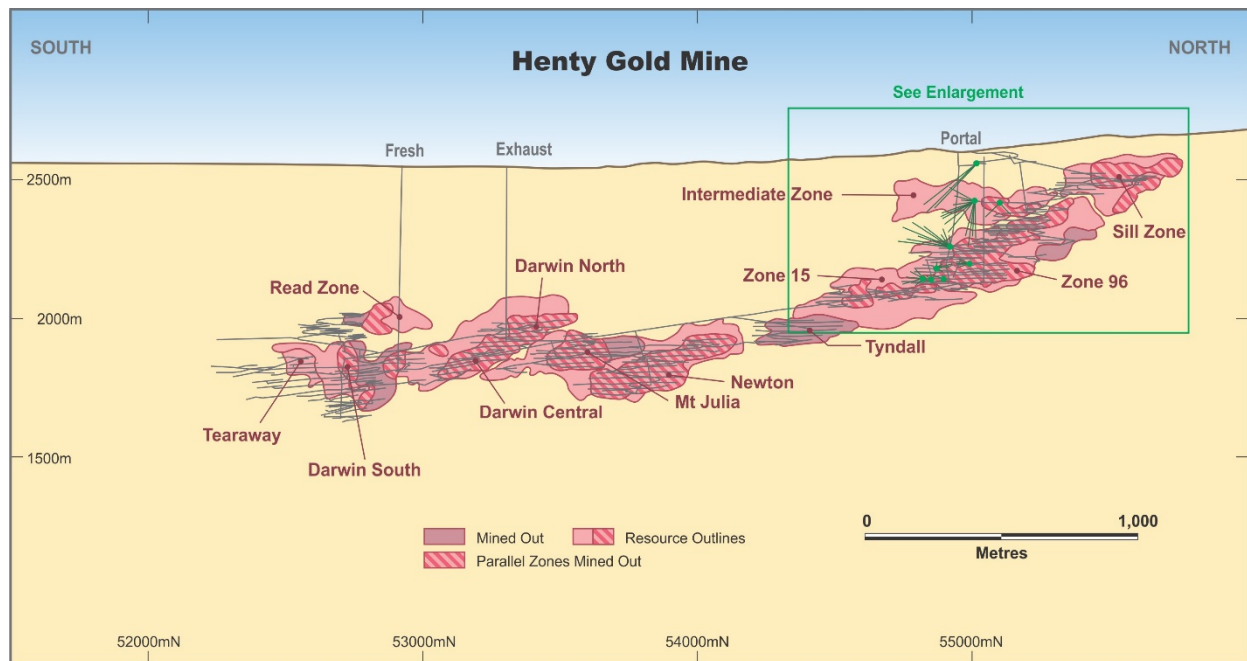
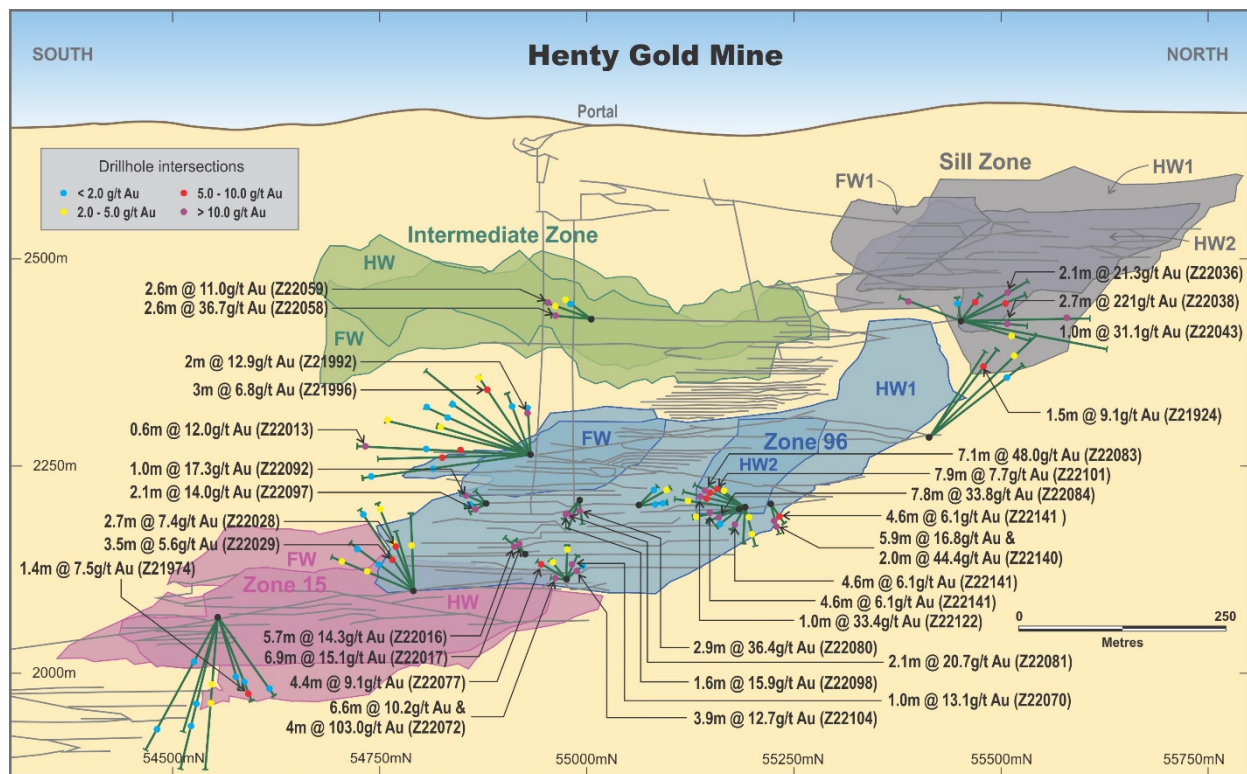


Figure 2: Plan view showing Henty North Target Zone



**Figure 3: Henty longitudinal projection showing resource outlines and area of drilling between March 2021 and June 2021**



**Figure 4: Henty long projection from enlargement in Figure 3 showing significant intersections in drill holes completed between March 2021 and June 2021. Full details of all holes in Appendix 1**

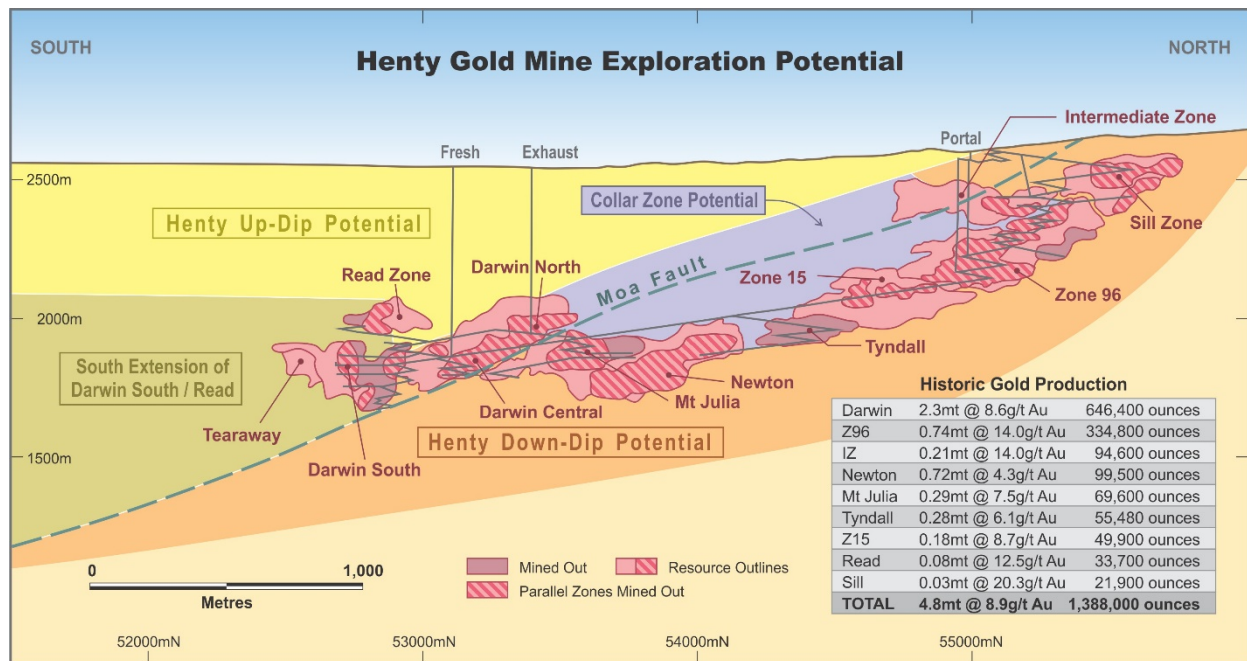


Figure 5: Henty longitudinal projection showing areas of exploration potential to be tested in 2021.

# APPENDIX 1: HENTY SUMMARY OF EXPLORATION DRILLING RESULTS 1 MARCH 2021 TO 1 JUNE 2021

Table 1a: Diamond Drill Hole Collars

Hole_ID	Max_Depth	Dip	Local_Azimuth	MAG_Azimuth	Local_East	Local_North	Local_RL
Z21923	145.7	43.3	309.3	316.9	19767.95	55415.02	2288.13
Z21924	149.7	42.9	315.4	323	19768.21	55416.56	2287.95
Z21925	168.8	40.6	325.164	332.76	19768.13	55417.15	2287.9
Z21926	192.9	40.18	327.462	335.06	19768.17	55417.25	2287.87
Z21927	161.1	32.1	321.411	329.01	19767.72	55417.42	2287.51
Z21970A	94.9	-39.7	303.1	310.7	19792.36	54557.12	2065.2
Z21971	126.8	-47	314.8	322.4	19794.59	54557.12	2065.39
Z21972A	146.4	-54.2	315.5	323.1	19792.57	54557.24	2065.46
Z21973	101.4	-52.2	290.5	298.1	19791.6	54556.77	2065.3
Z21974	118.8	-55	301.618	309.22	19792.15	54556.95	2065.28
Z21975	137.4	-62.4	297.2	304.8	19792.02	54556.94	2065.3
Z21976	204.4	-65.72	259.522	267.12	19792.39	54553.81	2065.33
Z21977	182.3	-51.9	250.4	258	19791.953	54553.215	2065.32
Z21978	218.5	-58.5	243.9	251.5	19792.35	54553.15	2065.33
Z21992	101.4	34.93	267.082	274.68	19807.46	54929.98	2265.26
Z21993	108	45.61	246.326	253.93	19807.7	54929.51	2265.91
Z21994	105.8	32.53	243.523	251.12	19808.77	54926.57	2266.33
Z21995	110	17.9	241.2	248.8	19808.78	54926.46	2265.33
Z21996	125.7	50.3	224.5	232.1	19809.46	54925.66	2267.18
Z21997	137.2	27.7	215.6	223.2	19809.07	54925.06	2266.31
Z21998	145.6	14.9	215.5	223.1	19809.11	54925.08	2265.34
Z21999	165.4	37.5	200.9	208.5	19809.59	54924.05	2267.12
Z22010	155.4	23.7	208.3	215.9	19809.29	54924.54	2266.09
Z22011	169	4.52	213.949	221.55	19809.06	54924.81	2264.65
Z22012	190.3	14.6	202.6	210.2	19809.405	54923.984	2265.443
Z22013	223.6	4.17	201.577	209.18	19809.45	54923.91	2264.65
Z22014	209.2	-1.7	207.1	214.7	19809.32	54924.27	2264.26
Z22015	219.8	-5.6	202.3	209.9	19809.42	54924.01	2264.03
Z22019	134.7	19.4	216.5	224.1	19778.41	54789.35	2101.57
Z22020	125.3	25.9	223.6	231.2	19778.2	54789.5	2102
Z22021	219.8	37.7	234.1	241.7	19777.93	54789.9	2102.79
Z22022	111.2	40.5	251.6	259.2	19777.804	54790.489	2102.931
Z22024	136.9	46.27	224.912	232.51	19778.29	54789.73	2103.41
Z22025	134.5	49.1	237.6	245.2	19778.1	54790.08	2103.72
Z22026	122.1	50.7	264.3	271.9	19778.11	54790.98	2103.55
Z22028	108.8	33.8	252.1	259.7	19777.63	54790.49	2102.49
Z22029	100.9	25.4	252.2	259.8	19777.55	54790.45	2101.99
Z22030	113.5	14.3	227.3	234.9	19794.9	55451.17	2427.07
Z22031A	109.3	10.5	241.6	249.2	19795.02	55452.04	2426.71
Z22032	98.2	17.3	266.4	274	19794.9	55453.1	2427.08
Z22033	158	18.4	284.2	291.8	19794.49	55453.92	2427.29

Hole_ID	Max_Depth	Dip	Local_Azimuth	MAG_Azimuth	Local_East	Local_North	Local_RL
Z22034	124.1	22.1	313.7	321.3	19795.09	55455.16	2427.59
Z22035	125.6	15.2	309.34	316.94	19794.92	55455.04	2427.09
Z22036	128.2	-2.5	307.7	315.3	19795.03	55454.87	2426.07
Z22037	133.5	-10.2	308	315.6	19794.99	55454.88	2425.75
Z22043	182.3	1.1	326.1	333.7	19795.23	55456.02	2426.17
Z22044	211.4	-9.5	324.5	332.1	19795.32	55455.74	2425.68
Z22057	98	14.1	250.2	257.8	19858.56	55003.72	2427.95
Z22058	107.1	3.74	242.676	250.28	19858.68	55003.74	2427.55
Z22059	112.9	12.7	236.4	244	19858.68	55003.53	2427.89
Z22070	77.2	10.6	240.5	248.1	19760.32	54972.74	2122.22
Z22071	61	12.66	254.546	262.15	19760.29	54973.21	2122.24
Z22072	95.5	-5.7	258.5	266.1	19760.29	54973.31	2121.67
Z22074	59.6	14	270	277.6	19760.3	54973.67	2122.28
Z22075A	64.2	-5.1	268.4	276	19760.19	54973.66	2121.68
Z22076	63	25.7	271.5	279.1	19760.39	54973.69	2122.66
Z22077	68.2	25	284.5	292.1	19760.38	54974.05	2122.67
Z22078	14.6	-44.09	250.281	257.88	19717.09	54979.57	2199.55
Z22079	15.2	-47.7	266.7	274.3	19716.95	54980.01	2199.36
Z22080	15.4	-43.6	257.6	265.2	19717.352	54990.077	2199.931
Z22081	14	-45.2	278.4	286	19717.32	54990.69	2199.9
Z22082	54.8	21.4	235.1	242.7	19718.85	55181.08	2200.29
Z22083	44.2	23.5	218.2	225.8	19719.99	55181.15	2200.04
Z22084	62.4	16	206.4	214	19720.41	55181	2199.57
Z22085	50.4	-13.8	220.8	228.4	19719.83	55181.04	2198.4
Z22086	46	-20.5	243.1	250.7	19717.72	55180.97	2197.57
Z22087	54.3	-30.1	250.1	257.7	19721.26	55189.37	2198.39
Z22088	41.4	-23.4	261.7	269.3	19721.15	55189.73	2198.46
Z22089	47.6	-17.4	280.5	288.1	19723.03	55190.02	2199.22
Z22090	62.5	-40.1	266	273.6	19721.37	55189.93	2198.07
Z22091	67.4	-39.77	283.84	291.44	19721.23	55190.46	2197.92
Z22092	41	5.9	272	279.6	19730.84	54864.76	2214.77
Z22093	45.6	-13.9	278	285.6	19730.95	54864.99	2214.14
Z22094	50	-19.3	271	278.6	19730.76	54864.7	2213.94
Z22095	44.5	-6.1	266	273.6	19730.9	54864.48	2214.35
Z22096	37.9	1.4	256.7	264.3	19730.7	54864.11	2214.58
Z22097	42.9	-19.5	260.7	268.3	19730.67	54864.29	2213.91
Z22098	27	-69.4	219.8	227.4	19717.17	54979.17	2199.12
Z22099	35.4	38.3	226.6	234.2	19719.74	55181.18	2201.24
Z22100	49.2	35.7	211.6	219.2	19720.19	55181.04	2200.91
Z22101	50.4	23.7	211.7	219.3	19720.19	55180.97	2200.07
Z22102	62.5	27.9	200.11	207.71	19720.6	55180.92	2200.29
Z22103	71.5	17.5	198.1	205.7	19720.59	55180.94	2199.64
Z22104	62.5	11.2	279.1	286.7	19760.14	54974.05	2122.25
Z22105	63	9.9	289.3	296.9	19760.3	54974.24	2122.14
Z22106	69	-3.2	286.1	293.7	19760.22	54974.15	2121.74
Z22118	37.7	2.4	222.3	229.9	19719.54	55181.04	2198.99

Hole_ID	Max_Depth	Dip	Local_Azimuth	MAG_Azimuth	Local_East	Local_North	Local_RL
Z22119	50.6	-18.33	226.3	233.9	19719.19	55181.06	2198.04
Z22120	77.7	8.97	193.035	200.64	19720.72	55180.91	2199.3
Z22122	116.5	-9.9	206.1	213.7	19720.27	55180.99	2198.5
Z22126	46.2	11.6	272.988	280.59	19749.46	55064.85	2204.02
Z22127	51	7.3	283.9	291.5	19749.35	55065.16	2203.93
Z22128	56.4	22.3	295.1	302.7	19749.26	55065.46	2204.51
Z22130	61	19	308.5	316.1	19749.27	55065.94	2204.46
Z22133	61	5.6	299.8	307.4	19749.3	55065.27	2203.88
Z22140	65.6	-32.6	283.1	290.7	19716.5	55221.55	2201.55
Z22141	49.9	-23.2	290.2	297.8	19716.66	55221.74	2201.89

**Table 1b: Diamond Drill Hole Assay results**

*Significant intersections reported and all holes with no significant intersection are reported with maximum down hole assay (NSI is No Significant Intersection).*

Hole ID	Depth_From	Depth_To	Length	Au g/t	Ore Zone	Structure (Lens)
Z21923	109.4	111	1.6	2.64	Sill Zone	HW1
Z21924	118.1	119.6	1.5	9.05	Sill Zone	FW
Z21924	110.6	111.6	1	7.38	Sill Zone	FW2
Z21927	132.5	133.5	1	0.02	Sill Zone	HW1- NSI
Z21970A	73.7	74.7	1	0.2	Zone 15	FW2- NSI
Z21971	109	120	11	0.19	Zone 15	FW1- NSI
Z21974	108.35	109.75	1.4	7.5	Zone 15	FW1
Z21974	91.3	93	1.7	1.4	Zone 15	FW2
Z21976	111.05	112	0.95	3	Zone 15	FW1
Z21977	156.65	159.33	2.68	0	Zone 15	FW1- NSI
Z21978	118.9	119.9	1	1.49	Zone 15	FW1
Z21978	152.9	153.9	1	0.77	Zone 15	FW
Z21979	66.2	67.2	1	1.76	Zone 96	FW
Z21979	176.7	177.8	1.1	0.05	Zone 15	FW
Z21992	90.3	92.3	2	12.86	Zone 96	HW2
Z21992	96.4	98.6	2.2	1.45	Zone 96	HW1
Z21993	81.9	83.1	1.2	0.48	Zone 96	FW1
Z21994	101.3	102	0.7	2.06	Zone 96	HW1
Z21995	95.5	96.7	1.2	5.64	Zone 96	FW1
Z21996	99.7	102.7	3	6.83	Intermediate Zone	HW2
Z21996	121.7	122.7	1	3.69	Intermediate Zone	HW1
Z21997	131	132.3	1.3	1.37	Zone 96	HW
Z21998	136.6	138.5	1.9	4.86	Zone 96	FW?
Z21999	136.1	137.1	1	5.65	Intermediate Zone	HW2
Z22010	114.2	118.1	3.9	1.68	Zone 96	FW2
Z22011	155.9	156.9	1	1.94	Zone 96	HW1
Z22013	207.4	208	0.6	11.97	Zone 96	HW2
Z22014	113.6	114.6	1	6	Zone 96	FW2
Z22014	155.9	156.9	1	1.94	Zone 96	HW1
Z22015	120.9	121.9	1	0.64	Zone 96	FW2

Hole ID	Depth_From	Depth_To	Length	Au g/t	Ore Zone	Structure (Lens)
Z22016	13.6	19.3	5.7	14.26	Zone 96	FW1
Z22017	16.4	23.3	6.9	15.08	Zone 96	FW1
Z22019	73.5	75.1	1.6	4.49	Zone 96	FW
Z22019	115.9	117	1.1	3.02	Zone 96	FW1
Z22020	68.1	69.1	1	2.06	Zone 96	FW
Z22020	111.5	112.3	0.8	1.13	Zone 96	FW1
Z22021	110.8	112.5	1.7	0.37	Zone 15	FW1
Z22022	98	100.1	2.1	0.47	Zone 96	FW1
Z22024	128.6	129.6	1	1.1	Zone 96	FW1
Z22025	124.8	125.8	1	2.15	Zone 96	FW1
Z22026	68.7	69.5	0.8	3.26	Zone 96	FW
Z22028	94.7	97.4	2.7	7.37	Zone 96	FW1
Z22028	102.6	104.4	1.8	2.69	Zone 96	HW1
Z22029	97.1	100.6	3.5	5.56	Zone 96	HW1
Z22029	38	39	1	3.58	Zone 15	FW
Z22030	93.5	94.2	0.7	19.15	Sill Zone	HW1
Z22031A	101	102	1	0.01	Sill Zone	FW1
Z22035	82.5	83.2	0.7	5.55	Sill Zone	HW1
Z22036	89.3	91.4	2.1	22.25	Sill Zone	HW1
Z22038	99.15	101.8	2.65	221	Sill Zone	HW1
including	100.15	101.1	0.95	603	Sill Zone	HW1
Z22043	145.6	146.6	1	31.1	Sill Zone	HW1
Z22044	156.6	157.4	0.8	0.01	Sill Zone	HW1
Z22058	93.5	96.1	2.6	36.7	Intermediate Zone	HW2
including	93.5	94.5	1	68.6	Intermediate Zone	HW2
Z22059	96.7	99.3	2.6	10.98	Intermediate Zone	HW2
including	97.2	98.2	1	22.7	Intermediate Zone	HW2
Z22059	77.9	79.6	1.7	4.01	Intermediate Zone	FW2
Z22070	67.1	68.1	1	13.1	Zone 96	FW1
Z22070	71.2	76.1	4.9	3.83	Zone 96	HW
including			0.5	9.61	Zone 96	HW
including	75.5	76.1	0.6	12	Zone 96	HW
Z22071	57.4	61	3.6	2.99	Zone 96	HW
Z22072	77.6	81.6	4	102.99	Zone 96	HW0
including	77.6	78.6	1	396	Zone 96	HW0
Z22072	68.8	75.4	6.6	10.17	Zone 96	HW1
Z22072	53.3	54.3	1	7.94	Zone 96	FW
Z22074	53.95	59.6	5.65	2.21	Zone 96	HW
Z22075A	53.6	54.6	1	1.9	Zone 96	FW2
Z22075A	58.2	60.2	2	1.17	Zone 96	FW1
Z22076	57.3	58	0.7	5.07	Zone 15	FW1
Z22076	60	62.8	2.8	3.44	Zone 15	FW
Z22077	60.3	64.7	4.4	9.09	Zone 96	HW1
including	63.7	64.7	1	23	Zone 96	HW1
Z22077	57.3	58.9	1.6	1.91	Zone 96	FW1
Z22079	1.5	3.5	2	5.18	Zone 96	FW

Hole ID	Depth_From	Depth_To	Length	Au g/t	Ore Zone	Structure (Lens)
Z22079	9.3	12.4	3.1	2.6	Zone 96	FW1
Z22080	2.5	5.4	2.9	36.42	Zone 96	FW
Z22081	2.2	4.3	2.1	20.66	Zone 96	FW
Z22082	19.2	24	4.8	23.63	Zone 96	HW1
Z22083	26.6	33.7	7.1	47.97	Zone 96	HW1
including	32.7	33.7	1	269.5	Zone 96	HW1
Z22084	34.5	42.3	7.8	33.84	Zone 96	HW1
Z22085	44	45	1	4.05	Zone 96	HW0
Z22085	39.7	40.9	1.2	2.55	Zone 96	HW1
Z22086	33.4	34.75	1.35	7.32	Zone 96	HW1
Z22087	35.6	36.5	0.9	16.35	Zone 96	HW1
Z22088	36.5	37.8	1.3	1.99	Zone 96	HW1
Z22089	33	35.6	2.6	2.45	Zone 96	HW1
Z22090	44.6	49.1	4.5	1.88	Zone 96	HW1
Z22091	55.2	56.3	1.1	3.73	Zone 96	HW1
Z22091	46.6	47.6	1	3.1	Zone 96	FW1
Z22092	28	29	1	17.3	Zone 96	FW1
Z22092	31.3	33.9	2.6	2.22	Zone 96	HW1
Z22093	39.9	41.5	1.6	3.32	Zone 96	HW1
Z22093	25.85	30	4.15	2.8	Zone 96	FW1
Z22093	32	33.5	1.5	2.09	Zone 96	HW
Z22094	28.9	32.5	3.6	3.79	Zone 96	FW1
Z22094	38.5	44.5	6	3.22	Zone 96	HW1
Z22095	32	34.15	2.15	1.66	Zone 96	HW1
Z22096	28	29	1	1.69	Zone 96	FW1
Z22096	33.55	34.15	0.6	1.65	Zone 96	HW1
Z22097	40.8	42.9	2.1	14	Zone 96	HW1
Z22097	27.6	32.5	4.9	2.08	Zone 96	FW1
Z22098	4.6	6.2	1.6	15.86	Zone 96	FW
including	4.6	4.8	0.2	28.3	Zone 96	FW
including	5.7	6.2	0.5	38.7	Zone 96	FW
Z22098	7.2	9.2	2	6.25	Zone 96	FW
Z22099	28.9	31.9	3	5.04	Zone 96	HW1
Z22100	31.7	36.9	5.2	13.79	Zone 96	HW1
including	34.7	35.7	1	64	Zone 96	HW1
Z22100	27.2	28.2	1	3.19	Zone 96	FW
Z22101	28.1	36	7.9	7.72	Zone 96	HW1
including	32.9	33.9	1	24.3	Zone 96	HW1
Z22102	40.5	43.5	3	6.19	Zone 96	HW1
including	41.5	42.5	1	15.9	Zone 96	HW1
Z22103	46	48	2	5.75	Zone 96	HW1
Z22104	58.1	62	3.9	12.65	Zone 96	HW1
Z22104	50.15	51.3	1.15	3.75	Zone 96	FW
Z22104	53	55.15	2.15	3.31	Zone 96	FW1
Z22105	53.6	56.6	3	1.18	Zone 96	FW1
Z22106	58.7	59.7	1	0.55	Zone 96	FW1 - NSI

Hole ID	Depth_From	Depth_To	Length	Au g/t	Ore Zone	Structure (Lens)
Z22118	26.9	27.9	1	1.13	Zone 96	FW1
Z22119	39	43.3	4.3	1.82	Zone 96	HW1
Z22120	60.2	61.3	1.1	3.4	Zone 96	FW1
Z22122	34.7	35.7	1	33.4	Zone 96	FW2
Z22122	51.5	57	5.5	2.78	Zone 96	FW1
Z22126	33.6	34.7	1.1	4.64	Zone 96	FW1
Z22126	37.9	39.9	2	4.15	Zone 96	HW1
Z22127	40	41.7	1.7	3.06	Zone 96	HW1
Z22128	43.3	44.3	1	1.06	Zone 96	HW1
Z22130	51	55.1	4.1	4.84	Zone 96	HW1
including	52.1	53.1	1	15.8	Zone 96	HW1
Z22130	46.6	47.7	1.1	4.46	Zone 96	FW1
Z22133	55.9	56.6	5.81	0.7	Zone 96	HW0
Z22140	42.7	48.6	5.9	16.8	Zone 96	HW1
including	42.7	44.7	2	44.4	Zone 96	HW1
Z22141	41.5	46.1	4.6	6.07	Zone 96	HW1
including	41.5	42.5	1	13.8	Zone 96	HW1
Z22141	34.4	36.6	2.2	5.69	Zone 96	FW1

## JORC 2012 Edition, Table 1 Checklist: Diamond Drilling

Diamond Drill Sampling Techniques and Data Criteria	Explanation
Sampling techniques	<p>The sampling database for this Henty exploration program includes only data collected by diamond drilling (DD).</p> <p>The previous sampling database has been compiled from information collected when the project was under ownership of numerous companies including (listed from most recent):</p> <ul style="list-style-type: none"> <li>• Diversified Minerals (2016 to 2020)</li> <li>• Unity Mining (2009 to 2016)</li> <li>• Barrick Gold (2006 to 2009)</li> <li>• Placer Dome (2003 to 2006)</li> <li>• Aurion Gold (2001 to 2003)</li> <li>• RGC/Goldfields (1996 to 2001).</li> </ul> <p>Details relating to drilling techniques, quality assurance (QA) protocols and quality control (QC) results for data gathered prior to 2009 is largely unavailable. Drilling carried out during this period is collectively termed “Historical Drilling” herein. For drilling carried out since acquisition of the project by Unity Mining in 2009 a reasonable, although partially incomplete, level of information is typically available describing data collection procedures and relevant QAQC. Drilling carried out during this period is collectively termed “Modern Drilling” herein.</p> <ul style="list-style-type: none"> <li>• For drillhole data, either whole core or half core is generally submitted. In areas where infill drilling is required, whole core is typically submitted given that there are other holes available with half core for future reference. Samples are taken at 0.2–1 m intervals and honour different rock types, alteration zones and mineralised zones as defined by geologists.</li> <li>• Diamond drilling methods were used to obtain 0.2 m to 1 m length samples which were subsequently pulverised to produce a 30 g charge for fire assay with determination by atomic absorption spectrometry (FA/AAS) for gold.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>• Underground mobile diamond drill rigs are utilised to produce either LTK60 or NQ2 size core. Drill core is not routinely oriented.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>• Drilling recoveries are recorded for diamond core samples as part of geotechnical logging.</li> <li>• Recovery of drill core is maximised by using drilling techniques and drilling fluids suited to the particular ground conditions.</li> <li>• No relationship between grade and recovery has been identified.</li> </ul>
Logging	<ul style="list-style-type: none"> <li>• For drillhole data, logging is completed on a lap top computer directly into an Excel based spreadsheet which has been designed for the mine site. Logging is carried out at a core shed with adequate facilities including roller-racks, lighting, core photograph facilities and an automatic core saw.</li> <li>• A template with project-specific codes has been set up to ensure consistent collection of relevant geological information. Alteration, geotechnical, structure and rock type information are collected into separate tables using standalone codes.</li> <li>• Zones of core loss are also recorded.</li> <li>• Logging is generally qualitative in nature. All core is stored at site and has been photographed wet.</li> <li>• All diamond core has been geologically logged in full (100%).</li> </ul>

<b>Diamond Drill Sampling Techniques and Data Criteria</b>	<b>Explanation</b>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>• Diamond drill core samples are generally half-core, with core sawn in half using a core-saw. In areas where infill drilling is required, whole core may be submitted given that there are other holes available with half core for future reference. An automatic core saw is used to cut the core.</li> <li>• Several laboratories and assay techniques have been used throughout the Project's history. Typically, samples are initially crushed in a jaw crusher to a size of 10 mm. The jaw crusher is cleaned by compressed air between samples. The sample is then riffle split down to 1 kg, with the remaining samples returned as coarse reject to site and stored under cover for future reference. The 1 kg sample is pulverised using an LM5 pulveriser to a size of 85% passing 75 microns, and the mill cleaned with a barren silica flush between samples. 200 g of this fine material is taken via scoop, from which 30 g is taken for fire assay (FA50).</li> <li>• Subsampling is performed during the sample preparation stage according to the assay laboratories' internal protocols.</li> <li>• Field duplicates of diamond core, i.e. other than half of cut core, have not been routinely assayed.</li> <li>• Sample sizes are considered appropriate for the material being sampled</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>• The techniques are considered total.</li> <li>• All samples are currently submitted to ALS Burnie for gold analysis. Samples are crushed and pulverised prior to selection of a 30 g subsample for fire assay with determination by atomic absorption spectrometry (AAS). Previous owners have adopted similar methods.</li> <li>• Occasionally, Bi, Ag, Cu, Pb, Zn, As and Mo analyses are completed to assist with understanding the nature of the mineralisation and for metallurgical assessment. Cu, for example, may consume cyanide during processing. If required, pulps are sent from Burnie to ALS Townsville for determination via ICP analysis.</li> <li>• Details relating QA protocols and QC results for data gathered prior to 2009 is largely unavailable.</li> <li>• Monthly QC reports were compiled by Unity Mining for the period 2010 to 2015. The available QC data compiled by Unity Mining has been reviewed by CSA Global and considers the results as suitable to support the data gathered during this time period.</li> <li>• QA protocols that have been adopted since 2016 are summarised below.</li> </ul> <p><b>Drilling</b></p> <p>DVM specifies inclusion of field blanks at a rate of one blank every 30 samples submitted. The blanks are composed of barren basalt material, which is obtained from a commercial distributor in the town of Devonport on the north coast of Tasmania.</p> <p>DVM specifies inclusion of certified reference materials (CRMs) at a rate of two CRM's every 30 samples of core samples submitted. Commercially available CRM's covering ranges considered as representing low, moderate and high values for gold were obtained from OREAS.</p> <p>Inclusion of field duplicates for core samples is not routinely carried out by DVM. Pulp duplicates insertion rates are not specified by DVM. Assay laboratory internal QA protocols are relied upon for analysis of pulp duplicates.</p>

Diamond Drill Sampling Techniques and Data Criteria	Explanation
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>Significant intersections have been verified by alternative DVM company personnel.</li> <li>No twinning has been completed.</li> <li>The summary below relates to current methods. Historical methods are not known with any certainty.</li> </ul> <p><b>Drilling</b></p> <p>Logging is completed on a lap top computer directly into an Excel based spreadsheet which has been designed for the mine site. Logging is carried out at a core shed with adequate facilities including roller-racks, lighting, core photograph facilities and an automatic core saw. A template with project-specific codes has been set up to ensure consistent collection of relevant geological information. Alteration, geotechnical, structure and rock type information are collected into separate tables using standalone codes.</p> <p>Core is photographed wet at the core shed. Core photographs are stored on the server for future reference.</p>
	<ul style="list-style-type: none"> <li>The summary below relates to current methods. Historical methods are not known with any certainty; however, the Competent Person considers it is reasonable to assume that industry standard techniques have been adopted over the Projects history.</li> <li>Diamond drillhole collar positions are set out by mine surveyors. The drilling crew has an azi-reader device that enables them to set up at the correct azimuth and dip according to the drillhole plan. Final collar positions are then picked up by Mine Surveyors at hole completion. Downhole surveys are completed using a Devi-flex tool, with surveys taken every few metres.</li> <li>The grid system used is Geocentric Datum of Australia 1994 (GDA94) but the Henty Mine uses a local grid system which is used in the reporting of drill collars and intersections in Appendix 2.</li> <li>The mine surveyors have conversion tables for the conversion of local coordinates and RL to the MGA94. Below are conversions from local grid to MGA94 for two points in the mine. There is no standard transformation conversion because mine grid is oriented at an angle to grid north.</li> <li>Local mine grid Point 1 N 57102.049 E 21513.529 RL =AHD + 2000 Point 2 N 51318.276 E 21509.850 RL =AHD + 2000</li> <li>MGA94 Point 1 N 5365490.570 E 382559.064 Point 2 N 5360057.736 E 380580.385</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>Areas that remain in situ are generally drilled at 10–20 m E by 10–20 m RL spacings in the Mineral Resource area. The drill spacing varies between deposits, and lenses within a deposit. Areas towards the periphery of the lenses are often drilled at broader spacings.</li> <li>Compositing was not applied at the sampling stage.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>The drilling has been undertaken at various orientations, given the limited platforms available underground. For the most part, holes are drilled at a high angle to the mineralisation. Some holes, however, have been drilled close to sub-parallel to the mineralisation.</li> <li>The relationship between the drilling orientation and the orientation of key mineralised structures is not considered to have introduced a sampling bias.</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>The summary below relates to current methods. Historical methods are not known with any certainty; however, the Competent Person considers it is reasonable to assume that industry standard techniques have been adopted over the Projects history.</li> <li>Core is transported to the core shed for processing, which is locked at the end of each day. Core samples are placed in a polyweave sack for transportation to the laboratory.</li> <li>The primary laboratory (ALS in Burnie) collects the samples each morning.</li> </ul>

<b>Diamond Drill Sampling Techniques and Data Criteria</b>	<b>Explanation</b>
Audits or reviews	<ul style="list-style-type: none"> <li>No processes or data used in developing the release of exploration results have been subject to audit or review by non-company personnel or contractors so as to reduce costs and timelines for reporting. Catalyst Metals Limited has relied on information from Competent Persons at CSA Global and Henty Mine</li> <li>CSA Global completed a review of data collection techniques in 2017</li> </ul>

<b>Reporting of Exploration Results Criteria</b>	<b>Explanation</b>
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <li>Henty Gold Mine Tenements in Tasmania are owned by Unity Mining Pty Ltd</li> <li>Land tenure consists of three Mine Leases, 7M/1991, 5M/2002 and 7M/2006. Two Exploration Licences adjoin the Mine Leases; EL 8/2009 to the north and east and EL 28/2001 to the south.</li> <li>The tenements are in good standing and no known impediments exist.</li> </ul>
Exploration done by other parties	<p>Other companies to have held the project leases include:</p> <ul style="list-style-type: none"> <li>Unity Mining (2009 to 2016)</li> <li>Barrick Gold (2006 to 2009)</li> <li>Placer Dome (2003 to 2006)</li> <li>Aurion Gold (2001 to 2003)</li> <li>RGC/Goldfields (1996 to 2001)</li> </ul>
Geology	<p>The Henty deposit lies within the Mt Read Volcanic (MRV) Belt in western Tasmania. The belt hosts several world-class polymetallic ore bodies including the Hellyer, Que River, Rosebery, Hercules and Mount Lyell deposits. The whole belt has been overprinted with a regional lower green schist facies metamorphism.</p> <p>Mineralisation consists of a series of small high-grade lenses of gold mineralisation hosted in quartz-sericite altered volcanoclastic and volcanic rocks that occupy a large sub-vertical quartz-sericite alteration shear zone. Gold is present as both free gold and as gold-rich electrum associated with chalcopyrite and galena in the main mineralised zone.</p>
Drill hole Information	<p>All exploration results reported here are from diamond drilling (DD) subsequent to 1 July 2020 which was the cutoff date for the CSA resource estimation summarised in Appendix 1. The historic sampling database has been compiled from information collected when the project was under ownership of numerous companies including (listed from most recent):</p> <ul style="list-style-type: none"> <li>Diversified Minerals (2016 to 2020)</li> <li>Unity Mining (2009 to 2016)</li> <li>Barrick Gold (2006 to 2009)</li> <li>Placer Dome (2003 to 2006)</li> <li>Aurion Gold (2001 to 2003)</li> <li>RGC/Goldfields (1996 to 2001).</li> </ul> <p>Details relating to drilling techniques, quality assurance (QA) protocols and quality control (QC) results for data gathered prior to 2009 is largely unavailable. Drilling carried out during this period is collectively termed “Historical Drilling” herein. For drilling carried out since acquisition of the project by Unity Mining in 2009 a reasonable, although partially incomplete, level of information is typically available describing data collection procedures and relevant QAQC. Drilling carried out during this period is collectively termed “Modern Drilling” herein.</p>

Reporting of Exploration Results Criteria	Explanation
Data aggregation methods	<ul style="list-style-type: none"> <li>• DDH assay samples are collected at 1m intervals in the first instance but smaller intervals are sampled where related to specific mineralised units.</li> <li>• No top-cutting applied to assay data.</li> <li>• Significant intersections in first-pass exploration are usually reported as those with assays in excess of 0.5g/t Au (with internal dilution of two consecutive assays or less</li> <li>• Reported zones are continuous, with no sample or assay gaps.</li> <li>• Holes without zones of significance are tabulated detailing the greatest assay value achieved.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>• The dip of mineralisation is expected to be steep west dipping but drill hole azimuths are variable due to lack of availability of underground drill platforms.</li> <li>• The dip of mineralisation is not always consistent or known and the true width of mineralisation has not been resolved. As such, significant mineralised intersections have been reported as downhole intervals.</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>• Figure 3 shows the longitudinal projection of the Henty resource and mining area with an inset enlargement for the March to June 2021 drilling</li> <li>• Figure 4 shows the enlargement diagram with diamond drill holes in longitudinal projection</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>• All drilling inclusive of holes which did not contain significant intersections are included in Tables 1a and 1b</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>• Other exploration results that have been used in the CSA resource estimation have not been included in this report.</li> </ul>
Further work	<ul style="list-style-type: none"> <li>• Further drilling at Henty will continue to be focussed on the mine corridor adjacent or parallel to the known resource and will also test specific structural targets beyond the mine environs.</li> </ul>