

HENTY SEES NEAR MINE HIGH GRADE GOLD INTERSECTIONS IN NEW AREAS

- **Henty's standout gold intersections for the quarter include:**
 - **10.1m @ 12.8 g/t Au**
 - **4.7m @ 19.2g/t Au**
 - **10.4m @ 14.8g/t Au**
 - **7.1m @ 13.0g/t Au**
 - **1.95m @40.8g/t Au**
- **Drilling confirms mineralisation in new areas has potential to extend Resource near current underground workings**
- **Exploration program to increase Henty's mine life well under way with four drill rigs operating and another on way**
- **Overall, of 117 holes drilled, 42 intercepts reported greater than 20g/t Au metres**

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. Results are reported here for the period between 1 October and 31 December 2021. These results are in addition to the previous quarter's high-grade results which were reported to the ASX on 8 November, 2021.

Underground diamond drilling continued with three rigs in operation and a fourth due to arrive in February (a further rig conducts surface exploration). Drilling was carried out in the upper part of the mine on Zone 96, Intermediate Zone and Zone 15 as well as on the Darwin Zones at the south end of the mine (Figures 1,2 and 3).

Many of the intersections are beyond the limits of the 2021 Resource model and have the potential to contribute to an increase in Resources and Reserves as well as a higher gold grade in future production profiles.

Drilling on the Intermediate Zone and Collar Zones is showing high grade mineralisation in a new area that can now be drilled from recently completed development drives. This area has the potential to extend southward where old surface drillholes have shown gold zones in the 7g/t to 14 g/t Au range

Mr Bruce Kay, Catalyst's Technical Director stated *"The three new development drives have enabled underground drill access to an untested area (Collar Zone) south and down plunge of the Intermediate Zone for the first time ever and this is already generating economic intersections. Surface drilling will also target this area in the current quarter"*

Of the 117 holes drilled during the period, the majority contained gold mineralisation and 42 had intervals greater than 20 g/t Au metres.

High gold grades greater than 50 g/t Au metres were recorded in eleven holes. A further 31 intervals reported greater than 20 g/t Au metres. These intersections are shown on Figure 2 and 3 and included in Appendix 1.

With the arrival of the fourth underground drill rig in February, the drilling activity will increase considerably, enabling the testing of large areas along the Henty Fault above the previously mined areas.

Zone 96	Darwin	Intermediate Zone
10.1m @ 12.8 g/t Au	12.85m @ 4.0g/t Au	2.6m @ 13.7g/t Au
4.7m @ 19.2g/t Au	7.1m @ 13.0g/t Au	0.8m @ 25.7g/t Au
10.4m @ 14.8g/t Au	1.95m @ 40.8g/t Au	5.2m @ 4.5g/t Au
6.2m @ 9.2g/t Au	2.7m @ 24.6g/t Au	2.1m @ 13.6g/t Au
2.95m @ 18.7g/t Au	3.0 m @ 11.1g/t Au	
6.75m @ 10.9g/t Au	7.9m @ 2.7g/t Au	
3.9m @ 14.9g/t Au	2.3m @ 12.7g/t Au	
2.3m @ 10.7g/t Au	5.6m @ 3.9g/t Au	
5.0m @ 4.2g/t Au	1.1m @ 19.9g/t Au	
3.1m @ 10.6g/t Au		
3.6m @ 7.7g/t Au		
4.0m @ 9.1g/t Au		
5.15m @ 5.3g/t Au		
6.1m @ 5.4g/t Au		
1.8m @ 17.6g/t Au		
7.25m @ 4.0g/t Au		
4.35m @ 4.9g/t Au		
0.8m @ 75.3g/t Au		
4.8m @ 5.5g/t Au		
2.55m @ 12.6g/t Au		
1.1m @ 40.3g/t Au		
7.7m @ 3.7g/t Au		
2.5m @ 8.8g/t Au		
2.6m @ 7.8g/t Au		
5.0m @ 4.9g/t Au		
4.8m @ 4.1g/t Au		
3.5m @ 10.3g/t Au		
3.0m @ 7.5g/t Au		
4.0m @ 10.2g/t Au		

Henty North Exploration Program

Surface drilling commenced in August to test potential for mineralised extensions in the Henty Mine corridor north of the mine. A total of 1,323m was drilled by the end of the Quarter in three holes. Two holes (CEH001, CEH002) drilled in the Henty Mine corridor targeted the projected extension of the Henty structural position and the third hole (CEH003) drilled a geochemical anomalous area west of the Henty Fault.

The current drilling has confirmed the presence of strong Henty style alteration 250m north of the Sill Zone in chemically receptive Zig Zag Hill epiclastics which host some of the mineralisation within the northern end of the mine. The drilling also revealed a previously unknown north-west oriented structural inflection in the Henty Fault associated with significant deformation over a 70m zone downhole. This is interpreted to represent an interfering cross-structure or structures. These holes are undergoing detailed structural analysis prior to sampling and assaying.

On the completion of this program, surface drilling will commence within the Henty Mine corridor targeting extrapolated mineralisation above the Henty Mine workings. Up to seven holes for 2,700m are planned testing targets located up-plunge of high-grade linear shoots of gold within the mineralised Henty Lodes.

Catalyst's CEO, John McKinstry added *"The results from the quarter continue to demonstrate that Henty Mine has plenty more to give. Catalyst has owned Henty for one year, and our exponential knowledge growth is increasing confidence that new mineralised zones identified will become the next new mining frontiers."*

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.

JORC 2012 Mineral Resource

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.

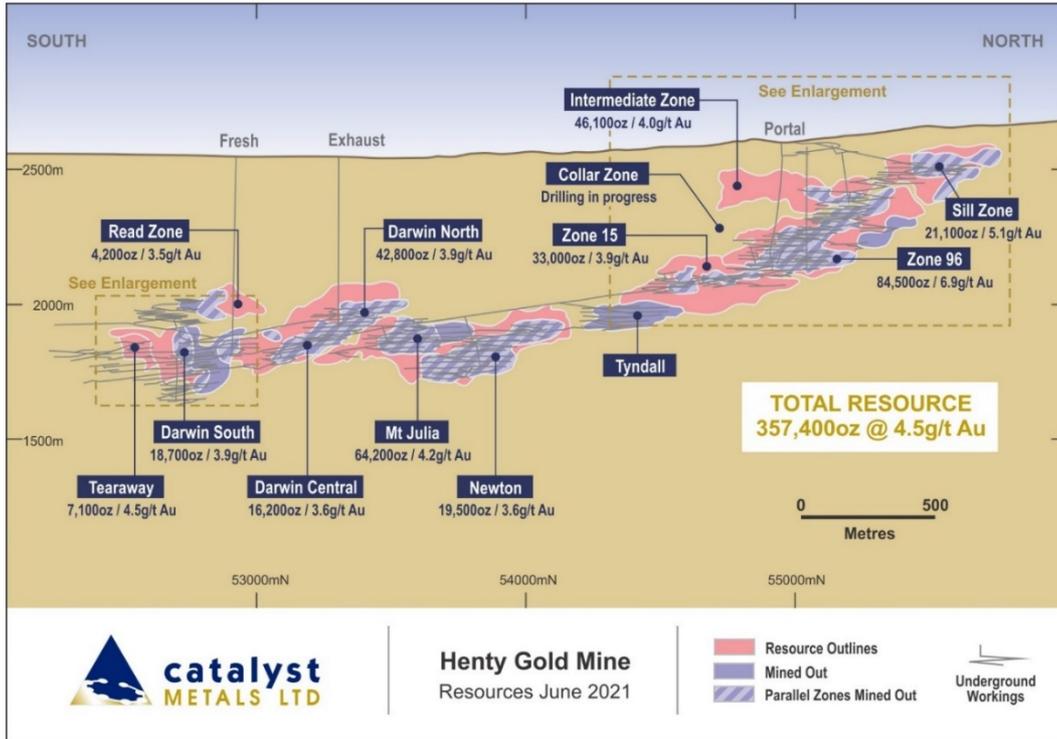


Figure 1: Henty longitudinal projection showing resource outlines and area of drilling between October 2021 and December 2021

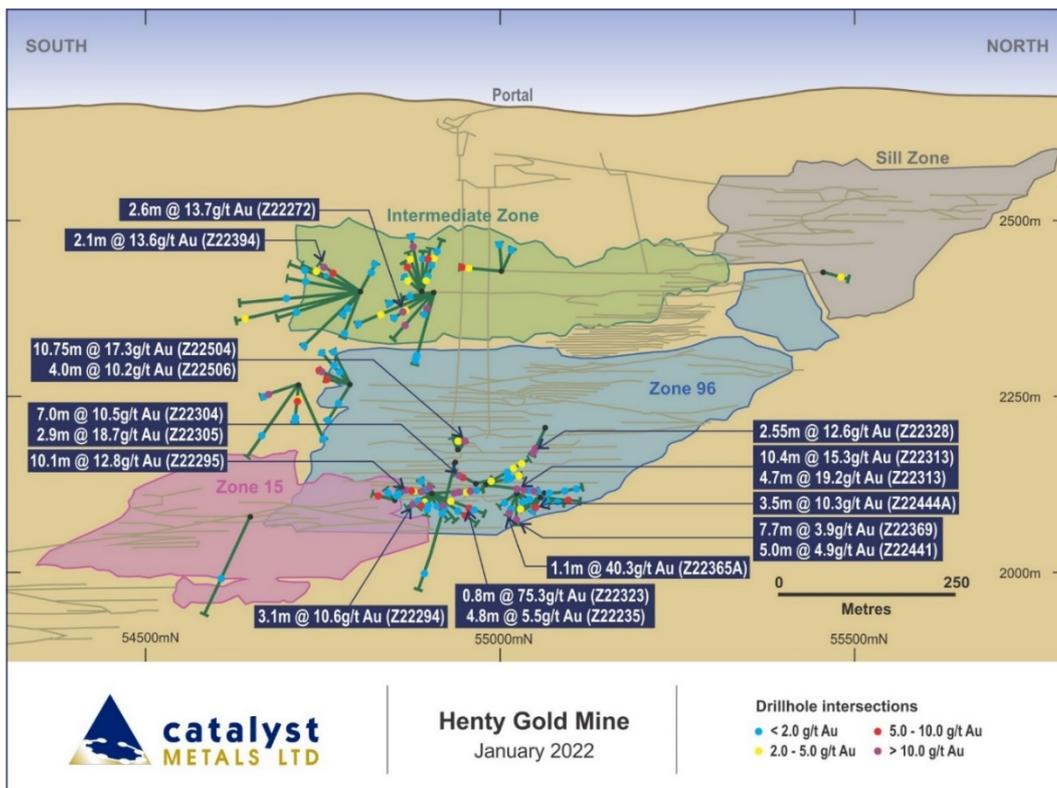


Figure 2: Henty long projection from enlargement in Figure 1 showing significant intersections in drill holes completed between October 2021 and December 2021. Full details of all holes in Appendix 1

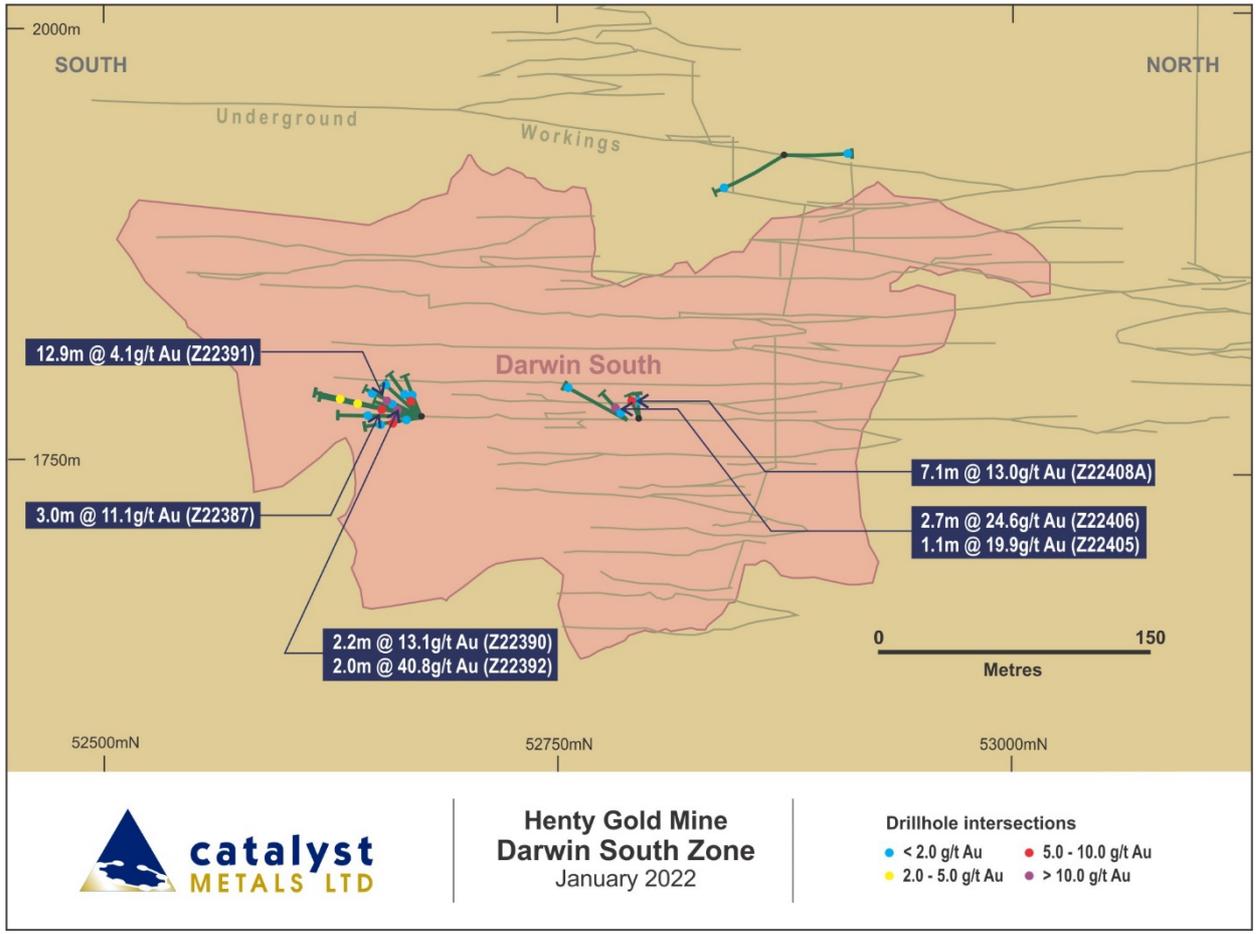


Figure 3: Henty long projection of Darwin South from enlargement in Figure 1 showing significant intersections in drill holes completed between October 2021 and December 2021. Full details of all holes in Appendix 1

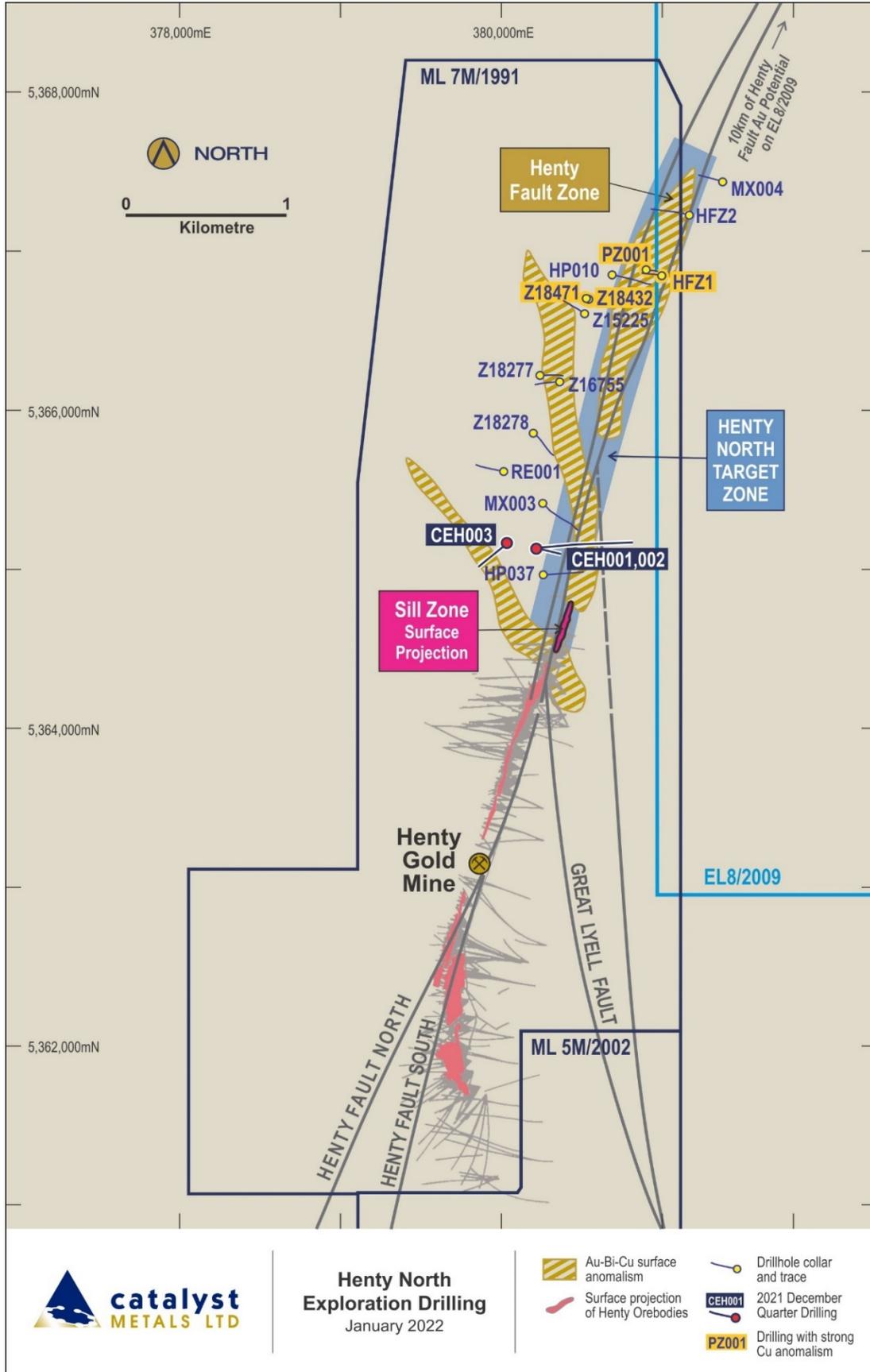


Figure 4: Henty North Area showing location of surface drillholes

APPENDIX 1: HENTY SUMMARY OF EXPLORATION DRILLING RESULTS 1 OCTOBER 2021 TO 31 DECEMBER 2021
Table 1a: Diamond Drill Hole Collars

Hole_ID	Max_Dpth	Dip	Local_Azimuth	MAG_Azimuth	Local_East	Local_North	Local_RL
Z21946	149.6	0.1	286.6	294.2	20089.0	52873.7	1929.4
Z22151	182.1	-52.4	237.7	245.3	19785.8	54648.6	2078.9
Z22209	105	3.0	235.7	243.3	19858.9	55003.7	2427.5
Z22212	82	31.0	267.3	274.9	19858.4	55004.2	2428.8
Z22214	95	20.3	281.1	288.7	19858.1	55004.9	2428.4
Z22240	329.1	-37.4	260.0	267.6	19885.0	54938.5	2156.1
Z22266	173	-37.9	259.5	267.1	19850.8	54907.8	2396.6
Z22270	101.5	-3.7	243.3	250.9	19851.1	54907.1	2398.0
Z22271	143.4	-29.3	242.4	250.0	19851.1	54907.1	2397.0
Z22272	119.4	-18.6	239.7	247.3	19851.1	54907.0	2397.4
Z22273	107.5	1.5	226.0	233.6	19851.2	54906.2	2398.2
Z22274	110.4	-8.3	232.9	240.5	19851.1	54906.6	2397.8
Z22275	137.4	-21.6	232.0	239.6	19851.1	54906.6	2397.2
Z22291	42.5	17.7	268.2	275.8	19730.5	54901.9	2111.5
Z22292	39.8	30.9	250.3	257.9	19731.0	54901.2	2112.2
Z22293	50.4	8.0	257.0	264.6	19730.7	54901.5	2111.0
Z22294	50.4	4.8	249.0	256.6	19730.9	54901.2	2110.8
Z22295	74.4	6.2	233.7	241.3	19731.1	54900.6	2110.9
Z22297	80.3	-25.4	289.8	297.4	19730.1	54903.0	2109.4
Z22298	75.3	-22.2	266.0	273.6	19730.5	54901.9	2109.6
Z22299	74.6	-14.6	257.9	265.5	19730.9	54901.6	2110.1
Z22301	76.9	-13.8	242.1	249.7	19731.2	54900.9	2110.2
Z22304	53.5	18.4	222.8	230.4	19728.3	54973.5	2124.9
Z22305	47.4	-16.2	231.7	239.3	19728.6	54974.1	2124.0
Z22310	62.3	27.0	321.0	328.6	19729.8	54981.3	2125.5
Z22311	81.8	25.3	327.2	334.8	19730.0	54981.2	2125.4
Z22312	62.5	13.6	326.7	334.3	19729.9	54981.3	2124.8
Z22313	94	-5.1	318.3	325.9	19730.2	54981.3	2124.1
Z22318	41.5	8.7	279.1	286.7	19729.3	54907.1	2111.2
Z22319	37.9	-3.6	278.2	285.8	19729.1	54907.2	2110.5
Z22321	53.4	5.0	312.2	319.8	19729.8	54908.7	2111.0
Z22322	87.6	4.6	320.6	328.2	19730.2	54908.9	2110.9
Z22323	72	-27.4	296.9	304.5	19729.3	54908.1	2109.2
Z22325	83.6	-27.9	323.4	331.0	19730.5	54908.7	2109.6
Z22326	83.4	-19.0	332.2	339.8	19730.8	54909.0	2109.9
Z22328	56.4	-36.1	245.8	253.4	19749.5	55064.4	2202.8
Z22336	113.5	-16.9	282.7	290.3	19851.0	54908.7	2397.5
Z22337	98.3	47.9	292.3	299.9	19852.4	54892.4	2401.1
Z22338	89.7	35.0	282.5	290.1	19852.0	54892.2	2400.1

Z22339	86.5	17.2	277.6	285.2	19851.7	54892.1	2399.2
Z22340	89.2	44.9	279.7	287.3	19852.2	54892.1	2400.9
Z22341	86	41.9	270.0	277.6	19852.0	54891.8	2400.8
Z22342	95.6	58.2	253.6	261.2	19853.0	54891.6	2401.3
Z22343	82.2	15.9	250.5	258.1	19850.6	54890.6	2399.5
Z22344	82	32.3	247.5	255.1	19850.9	54890.6	2400.6
Z22345	82.1	44.9	250.5	258.1	19851.6	54891.0	2401.2
Z22353	98.2	21.5	204.5	212.1	19854.4	54801.4	2401.7
Z22354	110.2	20.0	196.8	204.4	19854.9	54801.4	2401.6
Z22356	110.3	-39.7	253.3	260.9	19853.1	54806.2	2398.9
Z22357	133.8	-39.0	220.2	227.8	19853.6	54804.8	2398.6
Z22358	104.3	-22.2	253.4	261.0	19853.0	54806.2	2399.4
Z22361	74	30.2	287.9	295.5	19853.2	54807.5	2401.7
Z22362	141	-17.4	208.9	216.5	19853.6	54803.8	2399.3
Z22363	82.5	1.2	256.8	264.4	19770.5	55024.5	2114.1
Z22364A	97	-12.8	256.6	264.2	19770.4	55024.6	2113.6
Z22365A	98.1	-19.8	262.9	270.5	19770.4	55024.5	2113.3
Z22366	80.5	-4.2	267.3	274.9	19770.3	55024.7	2113.9
Z22367	104	-26.3	272.1	279.7	19770.2	55024.8	2113.1
Z22369	104.4	1.2	277.5	285.1	19770.6	55024.1	2114.3
Z22370	93	-10.9	279.1	286.7	19770.6	55024.0	2114.0
Z22371	103.3	-7.2	284.9	292.5	19770.5	55024.2	2114.0
Z22372	112.3	27.5	247.5	255.1	19825.9	54788.8	2268.4
Z22373	107.2	29.6	257.2	264.8	19825.3	54789.1	2268.9
Z22374	110.2	18.4	259.5	267.1	19825.5	54789.2	2267.9
Z22375	111.9	11.9	262.8	270.4	19825.5	54789.4	2267.5
Z22376	119.2	11.9	246.4	254.0	19826.1	54788.8	2267.4
Z22377	118.6	4.7	249.8	257.4	19826.0	54788.9	2267.0
Z22382	140.6	-22.4	254.5	262.1	19826.0	54789.1	2266.1
Z22383	115.8	8.2	204.3	211.9	19854.4	54801.4	2400.7
Z22384	197.4	-14.5	203.3	210.9	19854.7	54802.1	2399.6
Z22385	32.2	36.4	252.7	260.3	20126.2	52674.0	1786.3
Z22386	34	42.3	229.5	237.1	20126.3	52673.9	1786.5
Z22387	37	37.0	196.1	203.7	20125.6	52675.7	1786.0
Z22388	35.6	-8.5	205.3	212.9	20125.9	52675.0	1784.4
Z22389	30.9	13.6	205.7	213.3	20125.9	52675.0	1785.1
Z22390	39	27.5	183.7	191.3	20130.1	52671.8	1785.7
Z22391	61	12.4	158.5	166.1	20131.1	52672.2	1785.0
Z22392	42.6	2.0	175.3	182.9	20130.3	52672.0	1784.7
Z22393	55	11.5	166.4	174.0	20130.6	52672.0	1785.0
Z22394	78.9	28.4	214.3	221.9	19853.7	54801.7	2402.1
Z22398	180.9	-7.0	198.7	206.3	19854.9	54801.9	2399.8
Z22401	14.1	33.4	138.7	146.3	19829.6	53173.6	1846.6
Z22403	42	-8.6	196.9	204.5	19845.6	53202.5	1844.4
Z22404	38	26.2	200.2	207.8	20074.8	52786.1	1783.9

Z22405	20	41.0	210.1	217.7	20074.6	52786.4	1784.5
Z22406	22	22.0	222.0	229.6	20074.4	52786.5	1783.7
Z22407	16	40.0	231.0	238.6	20074.4	52786.8	1784.3
Z22408A	16	51.4	246.3	253.9	20072.2	52793.7	1785.1
Z22409	18.6	43.6	265.0	272.6	20072.1	52794.6	1784.6
Z22410	21	34.3	261.2	268.8	20072.0	52794.5	1784.2
Z22412	141.3	-6.7	250.1	257.7	19839.1	54718.4	2267.9
Z22416	137.8	-11.7	267.3	274.9	19839.0	54719.1	2267.7
Z22421	146.4	-24.3	266.2	273.8	19838.9	54719.1	2267.3
Z22427	118.4	-43.5	292.6	300.2	19839.0	54720.2	2266.5
Z22430	152.3	-46.1	228.3	235.9	19839.5	54717.5	2266.5
Z22441	82	6.3	253.0	260.6	19746.9	55059.9	2108.7
Z22442	81	0.9	250.3	257.9	19747.0	55059.8	2108.5
Z22443A	83.6	-16.7	242.7	250.3	19747.5	55058.9	2108.1
Z22444A	81	7.1	263.0	270.6	19746.9	55060.5	2108.7
Z22445	80	1.3	264.5	272.1	19746.9	55060.6	2108.5
Z22446	80.5	-15.8	261.1	268.7	19747.0	55059.5	2108.0
Z22447	80	7.2	272.8	280.4	19746.7	55060.9	2108.8
Z22448	83.5	2.7	278.4	286.0	19747.1	55061.0	2108.6
Z22449	86	-7.6	279.9	287.5	19746.9	55060.1	2108.3
Z22453	90.1	-6.6	290.7	298.3	19746.9	55060.5	2108.3
Z22454	101.5	7.7	304.2	311.8	19747.0	55061.1	2108.8
Z22455	99	-4.6	303.8	311.4	19747.0	55061.1	2108.3
Z22458	96	-4.5	289.0	296.6	19794.6	55456.1	2425.7
Z22503	45	17.5	260.0	267.6	19735.2	54942.4	2177.5
Z22504	45	19.6	269.5	277.1	19735.3	54942.5	2177.6
Z22505A	39	20.0	278.1	285.7	19734.8	54947.7	2178.3
Z22506	38.5	20.6	282.5	290.1	19735.6	54947.1	2177.7
Z22508	24.5	22.0	62.0	69.6	19704.5	54850.4	2105.3
Z22511	22	35.0	114.0	121.6	19704.5	54848.5	2105.8
Z22513	21	15.2	123.9	131.5	19704.6	54848.1	2104.9
Z22515	33	11.1	142.4	150.0	19703.9	54847.5	2104.8

Table 1b: Diamond Drill Hole Assay results
Significant intersections reported and all holes with no significant intersection are reported with maximum down hole assay.

Hole ID	Depth From	Depth To	Length	Au g/t	Ore Zone	Structure (Lens)
Z21937	121.00	122.00	1.00	0.1	Read Zone	FW0? - No significant intercepts
Z21946	143.80	144.00	0.20	0.1	Read Zone	HW - No significant intercepts
Z22151	113.80	114.40	0.60	0.7	Zone 15	No significant intercepts
Z22209	99.65	100.50	0.85	5.9	Intermediate Zone	HW2
Z22209	81.55	82.50	0.95	3.1	Intermediate Zone	FW2
Z22212	73.30	78.95	5.65	1.2	Intermediate Zone	FW2
Z22214	91.80	93.70	1.90	1.7	Intermediate Zone	HW2
Z22240	279.60	280.10	0.50	2.8	Zone 15	HW1?
Z22266	152.70	153.70	1.00	2.8	Zone 96	FW1
Z22266	157.90	160.30	2.40	2.7	Zone 96	HW1a?
Z22266	147.95	148.70	0.75	2.6	Zone 96	FW2?
Z22270	71.00	72.00	1.00	1.6	Intermediate Zone	FW2
Z22271	97.80	98.40	0.60	24.2	Intermediate Zone	FW2
Z22272	85.40	88.00	2.60	13.7	Intermediate Zone	FW2 - incl 1.0m @ 20.16g/t Au
Z22272	81.20	83.55	2.35	3.9	Intermediate Zone	FW
Z22272	116.30	117.20	0.90	3.0	Intermediate Zone	HW2
Z22272	113.85	114.40	0.55	2.0	Intermediate Zone	HW1
Z22273	104.50	105.30	0.80	3.1	Intermediate Zone	HW2
Z22273	72.00	73.20	1.20	2.8	Intermediate Zone	FW2
Z22274	105.70	108.10	2.40	1.3	Intermediate Zone	HW2
Z22275	92.05	93.05	1.00	4.1	Intermediate Zone	FW
Z22275	132.80	133.80	1.00	1.1	Intermediate Zone	FW2
Z22291	32.80	36.70	3.90	14.9	Zone 96	HW1
Z22291	21.60	22.60	1.00	11.8	Zone 96	FW2
Z22291	40.40	41.90	1.50	6.3	Zone 96	HW1
Z22291	10.50	11.70	1.20	4.8	Zone 96	FW3
Z22292	14.85	15.85	1.00	2.2	Zone 96	FW3
Z22292	38.75	39.30	0.55	1.5	Zone 96	FW1
Z22293	26.40	28.70	2.30	10.7	Zone 96	FW1
Z22293	38.60	43.60	5.00	4.2	Zone 96	HW1 - Incl 1.0m @ 16.3 g/t Au
Z22293	21.65	22.65	1.00	2.0	Zone 96	FW2
Z22294	22.50	23.50	1.00	14.0	Zone 96	FW2
Z22294	36.20	39.30	3.10	10.6	Zone 96	HW1 - Incl 1.0m @ 23.8 g/t Au
Z22294	29.00	32.60	3.60	7.7	Zone 96	FW1 - Incl 1.0m @ 23.1 g/t Au
Z22294	10.00	12.15	2.15	2.8	Zone 96	FW3
Z22295	11.10	12.10	1.00	16.6	Zone 96	FW3
Z22295	52.30	62.40	10.10	12.8	Zone 96	HW1 - Incl 1.0m @ 101.4 g/t Au
Z22295	42.35	42.85	0.50	9.1	Zone 96	HW
Z22295	34.30	37.70	3.40	4.9	Zone 96	FW1
Z22297	10.90	12.25	1.35	3.7	Zone 96	FW3

Z22297	31.30	32.40	1.10	2.0	Zone 96	FW2
Z22297	52.90	53.90	1.00	1.3	Zone 96	HW0
Z22298	53.00	53.40	0.40	2.1	Zone 96	HW0
Z22298	29.50	33.30	3.80	1.9	Zone 96	FW2?
Z22299	50.00	54.00	4.00	9.1	Zone 96	HW1a - incl 0.5m @ 21.5g/t Au
Z22299	47.00	48.00	1.00	4.9	Zone 96	HW1
Z22299	37.78	38.40	0.62	4.3	Zone 96	FW1
Z22299	29.60	31.00	1.40	3.8	Zone 15	FW1
Z22301	49.00	50.60	1.60	12.3	Zone 96	HW1 - Incl 0.3m at 53.4 g/t Au
Z22301	32.40	33.00	0.60	1.6	Zone 96	FW2?
Z22304	39.00	46.00	6.20	9.2	Zone 96	HW1
Z22304	36.20	37.50	1.30	7.7	Zone 96	FW1
Z22305	24.75	27.70	2.95	18.7	Zone 96	FW2 - outside wireframes
Z22305	45.40	47.40	2.00	7.0	Zone 96	HW1
Z22305	31.55	33.57	2.00	4.1	Zone 96	FW1 - Incl 0.35m @ 15.8 g/t Au
Z22310	9.40	10.40	1.00	4.1	Zone 96	FW3?
Z22310	41.15	46.00	4.85	2.3	Zone 96	FW1
Z22311	62.35	67.50	5.15	5.3	Zone 96	HW1
Z22311	50.25	51.25	1.00	3.6	Zone 96	FW1
Z22311	38.75	39.65	0.90	2.2	Zone 96	FW2
Z22312	53.10	59.20	6.10	5.4	Zone 96	HW1
Z22312	39.95	42.95	3.00	1.8	Zone 96	FW1
Z22312	36.00	36.80	0.80	1.5	Zone 96	FW2
Z22313	54.40	59.10	4.70	19.2	Zone 96	HW - Incl 1.0m @ 55.8 g/t Au
Z22313	63.80	74.20	10.40	14.8	Zone 96	HW1 - Incl 0.5m @ 83.4 g/t Au
Z22318	33.85	34.85	1.00	4.5	Zone 96	HW1
Z22318	8.20	8.60	0.40	2.1	Zone 96	FW3
Z22318	23.30	24.10	0.80	1.8	Zone 96	FW2
Z22319	24.80	25.80	1.00	10.0	Zone 96	FW2
Z22319	30.85	31.80	0.95	5.4	Zone 96	FW1
Z22321	50.60	52.40	1.80	17.6	Zone 96	HW1 - Incl 0.8m at 30.0 g/t Au
Z22321	39.95	46.60	7.25	4.0	Zone 96	FW1
Z22321	31.70	33.30	1.60	2.1	Zone 96	FW2
Z22322	35.60	36.15	0.55	14.5	Zone 96	FW2
Z22322	59.40	63.75	4.35	4.9	Zone 96	HW1
Z22322	73.75	75.75	2.00	2.5	Zone 96	HW0
Z22322	50.05	51.05	1.00	1.3	Zone 96	FW1
Z22323	27.30	28.10	0.80	75.3	Zone 15	FW2 - Outside wireframes
Z22323	31.55	33.65	2.10	3.3	Zone 15	FW1?
Z22325	58.20	63.00	4.80	5.5	Zone 96	HW1
Z22325	46.00	47.00	1.00	2.9	Zone 96	FW1
Z22326	57.10	58.00	0.90	5.8	Zone 96	FW2?
Z22326	26.00	27.10	1.10	3.9	Zone 96	FW3?
Z22326	64.80	65.90	1.10	2.2	Zone 96	FW1
Z22328	45.95	46.25	0.30	19.1	Zone 96	FW1

Z22328	51.95	54.50	2.55	12.6	Zone 96	HW1
Z22336	82.70	83.50	0.80	25.7	Intermediate Zone	FW1 - Outside wireframes
Z22336	106.03	107.00	0.97	1.0	Intermediate Zone	HW1
Z22337	75.00	76.00	1.00	1.9	Intermediate Zone	FW
Z22338	84.25	85.10	0.85	4.1	Intermediate Zone	HW2
Z22338	66.75	69.00	2.25	1.9	Intermediate Zone	FW2
Z22339	63.15	65.00	1.85	2.2	Intermediate Zone	FW2
Z22339	81.00	81.70	0.70	1.5	Intermediate Zone	HW2
Z22340	65.60	66.80	1.20	5.8	Intermediate Zone	FW3?
Z22341	70.00	70.50	0.50	0.4	Intermediate Zone	No significant intercepts
Z22342	72.80	73.35	0.55	14.6	Intermediate Zone	FW2
Z22342	91.30	92.60	1.30	1.9	Intermediate Zone	HW2
Z22343	57.85	58.85	1.00	4.6	Intermediate Zone	FW2
Z22343	79.40	81.35	1.95	2.8	Intermediate Zone	HW2
Z22344	60.75	62.75	2.00	5.5	Intermediate Zone	FW2 - Incl 0.7m @ 13.05 g/t Au
Z22345	63.30	65.30	2.00	5.2	Intermediate Zone	FW2
Z22353	69.40	72.05	2.65	4.7	Intermediate Zone	HW2 - Incl 0.65m @ 12.5 g/t Au
Z22353	54.55	55.60	1.05	2.5	Intermediate Zone	FW2
Z22354	83.00	87.10	4.10	1.3	Intermediate Zone	HW2
Z22356	98.30	99.00	0.70	0.2	Intermediate Zone	FW2 - no significant intersection
Z22357	131.60	132.20	0.60	1.0	Intermediate Zone	HW2
Z22358	69.40	70.40	1.00	1.9	Intermediate Zone	FW1
Z22358	95.75	96.00	0.25	1.3	Intermediate Zone	HW2
Z22361	71.65	73.20	1.55	2.7	Intermediate Zone	HW2
Z22361	46.80	53.00	6.20	0.4	Intermediate Zone	FW2
Z22362	106.95	107.95	1.00	0.3	Intermediate Zone	HW2 - no significant intersection
Z22363	69.05	69.80	0.75	1.1	Zone 96	FW1
Z22364A	73.93	74.63	0.70	0.5	Zone 96	FW1 - No significant intercepts
Z22365A	83.30	84.40	1.10	40.3	Zone 96	HW1
Z22365A	72.30	74.00	1.70	2.2	Zone 96	FW2
Z22365A	77.60	79.30	1.70	2.1	Zone 96	FW1
Z22366	70.50	71.50	1.00	4.7	Zone 96	FW1
Z22366	66.65	67.00	0.35	2.3	Zone 96	FW2
Z22367	84.80	86.00	1.20	10.6	Zone 96	HW1
Z22369	84.00	91.70	7.70	3.7	Zone 96	HW1
Z22369	99.00	99.60	0.60	3.7	Zone 96	HW0
Z22370	79.90	82.00	2.10	2.0	Zone 96	HW1
Z22370	79.90	82.00	2.10	2.0	Zone 96	HW1
Z22370	76.00	77.20	1.20	1.2	Zone 96	FW1
Z22370	76.00	77.20	1.20	1.2	Zone 96	FW1
Z22371	78.20	81.00	2.80	1.4	Zone 96	FW1
Z22372	108.60	110.00	1.40	2.0	Zone 96	FW1
Z22373	106.80	107.20	0.40	1.1	Zone 96	HW1
Z22374	102.30	103.00	0.70	2.8	Zone 96	HW1?
Z22374	107.00	109.00	2.00	1.0	Zone 96	HW0

Z22375	108.90	109.40	0.50	1.4	Zone 96	HW1
Z22375	106.70	106.90	0.20	1.1	Zone 96	FW1
Z22376	106.95	107.35	0.40	33.7	Zone 96	FW1
Z22376	112.50	115.00	2.50	8.8	Zone 96	HW1 - incl 0.9m @ 19.47g/t Au
Z22377	105.40	107.00	1.60	8.4	Zone 96	FW1 - Incl 0.6m @ 20.2 g/t Au
Z22377	110.40	113.00	2.60	7.8	Zone 96	HW1 - Incl 1.0m @ 17.05 g/t Au
Z22382	139.70	140.60	0.90	2.0	Zone 96	HW1
Z22382	68.00	68.40	0.40	1.2	Zone 96	FW3
Z22383	82.6	84.40	1.80	1.8	Intermediate Zone	HW2
Z22384	180.60	185.80	5.20	4.5	Intermediate Zone	HW2 - incl 1.0m @ 13.6g/t Au
Z22385	1.30	2.00	0.70	6.0	Darwin South	FW3
Z22385	15.00	22.10	7.10	2.2	Darwin South	FW1
Z22386	10.10	11.10	1.00	5.9	Darwin South	FW2
Z22386	14.00	19.00	5.00	2.0	Darwin South	FW1
Z22387	0.00	3.00	3.00	11.1	Darwin South	FW3
Z22387	24.90	30.40	5.50	2.8	Darwin South	FW1
Z22388	17.00	18.00	1.00	9.7	Darwin South	FW1
Z22388	21.10	29.00	7.90	2.7	Darwin South	FW1 - Incl 0.4m @ 15.9 g/t Au
Z22388	9.00	9.50	0.50	1.6	Darwin South	FW2
Z22389	14.50	16.05	1.55	6.8	Darwin South	FW1 - Incl 0.25m @ 16.3 g/t Au
Z22389	2.40	3.20	1.00	6.8	Darwin South	FW2
Z22390	16.80	19.00	2.30	12.7	Darwin South	FW1
Z22390	24.65	29.05	4.40	2.8	Darwin South	FW1?
Z22390	14.00	16.00	2.00	2.0	Darwin South	FW2
Z22391	20.60	21.25	0.65	7.3	Darwin South	FW2
Z22391	40.00	52.85	12.85	4.0	Darwin South	FW1 - Incl 0.4m @ 20.8 g/t Au
Z22391	34.60	36.00	1.40	2.7	Darwin South	FW
Z22392	10.30	12.25	1.95	40.8	Darwin South	FW2
Z22392	25.00	29.00	4.00	3.3	Darwin South	FW1
Z22393	32.00	35.10	3.10	4.5	Darwin South	FW1 - Incl 0.45m @ 16.65 g/t Au
Z22393	11.40	17.00	5.60	3.9	Darwin South	FW2
Z22394	67.40	69.50	2.10	13.6	Intermediate Zone	HW2 - incl 0.9m @ 28.9g/t Au
Z22394	49.85	51.20	1.35	5.5	Intermediate Zone	FW2 - incl 0.4m @ 15.95g/t Au
Z22398	107.90	108.60	0.70	1.8	Intermediate Zone	
Z22401	6.00	10.30	4.30	4.1	Darwin North	HW0 - incl 0.5m @ 22.9g/t Au
Z22403	9.10	10.00	0.90	21.1	Darwin North	FW1
Z22403	38.00	40.70	2.70	4.0	Darwin North	HW1 - incl 0.7m @ 12.7g/t Au
Z22404	37.00	38.00	1.00	1.7	Darwin South	FW - No significant intercepts
Z22405	7.40	8.50	1.10	19.9	Darwin Central	FW2 - outside wireframes
Z22406	5.30	8.00	2.70	24.6	Darwin South	FW3
Z22407	4.45	7.00	2.55	2.6	Darwin South	FW
Z22408A	7.90	15.00	7.10	13.0	Darwin South	FW - Incl 0.5m @ 95.5 g/t Au
Z22409	10.40	16.00	5.60	1.8	Darwin South	FW3
Z22410	10.00	14.60	4.60	3.3	Darwin South	FW - Incl 0.6m @ 13.35 g/t Au
Z22412	116.00	116.60	0.60	10.6	Zone 96	FW3

Z22412	127.00	130.00	3.00	1.3	Zone 96	FW1
Z22416	129.30	131.10	1.80	6.2	Zone 96	HW1a
Z22416	126.00	126.55	0.55	5.0	Zone 96	FW1
Z22421	128.30	129.50	1.50	2.2	Zone 96	FW2
Z22421	145.50	146.00	0.50	1.2	Zone 96	HW0
Z22427	114.05	115.05	1.00	1.1	Zone 96	FW
Z22430	106.00	107.00	1.00	0.4	Zone 96	FW? - no significant intercept
Z22441	46.00	46.75	0.75	6.2	Zone 96	FW2
Z22441	65.00	70.00	5.00	4.9	Zone 96	HW1
Z22441	57.10	57.60	0.50	1.5	Zone 96	FW1
Z22442	48.40	50.80	2.40	8.5	Zone 96	FW2? - Incl 0.75m @ 20.3g/t Au
Z22442	53.00	57.80	4.80	4.1	Zone 96	FW1
Z22442	68.00	71.95	3.95	2.6	Zone 96	HW1
Z22443A	63.00	64.80	1.80	4.3	Zone 96	FW1
Z22444A	65.50	69.00	3.50	10.3	Zone 96	HW1 - Incl 1.5m @ 21.33g/t Au
Z22444A	55.00	57.90	2.90	2.7	Zone 96	FW1
Z22445	77.45	78.20	0.75	2.2	Zone 15	HW1
Z22445	69.95	71.65	1.70	1.3	Zone 96	HW1
Z22445	50.95	56.10	5.15	1.1	Zone 96	FW1
Z22446	54.70	57.70	3.00	7.5	Zone 96	FW1
Z22446	73.95	75.05	1.10	2.6	Zone 96	HW0
Z22447	61.65	69.65	8.00	2.2	Zone 96	HW1
Z22447	53.20	56.40	3.20	1.0	Zone 96	FW1
Z22448	79.00	79.80	0.80	3.4	Zone 96	HW0
Z22448	69.00	72.00	3.00	2.4	Zone 96	HW1
Z22448	58.00	58.90	0.90	1.7	Zone 96	FW1
Z22449	52.35	54.10	1.75	1.5	Zone 96	FW1
Z22450	67.60	71.60	4.00	3.9	Zone 96	HW1
Z22450	59.70	61.30	1.60	2.0	Zone 96	FW2
Z22450	55.95	57.70	1.75	1.9	Zone 96	FW1
Z22453	59.40	61.70	2.30	3.3	Zone 96	FW1
Z22454	83.70	86.70	3.00	2.7	Zone 96	HW1
Z22454	56.50	57.50	1.00	1.4	Zone 96	FW
Z22455	64.30	67.15	2.85	6.1	Zone 96	FW1
Z22458	77.45	78.10	0.65	5.0	Sill Zone	HW2
Z22503	32.30	34.40	2.10	4.2	Zone 96	HW1
Z22504	31.75	42.50	6.75	10.9	Zone 96	HW1 - includes 4m core loss
Z22504	27.75	29.75	2.00	3.9	Zone 96	FW1
Z22505A	31.35	33.90	2.55	5.0	Zone 96	HW1
Z22506	31.20	35.20	4.00	10.2	Zone 96	HW1
Z22508	18.80	19.75	0.95	2.7	Zone 96	FW
Z22508	11.90	13.70	1.80	1.9	Zone 96	FW2
Z22511	13.80	14.80	1.00	1.6	Zone 96	FW2
Z22513	13.95	15.50	1.55	1.0	Zone 15	FW2
Z22515	22.10	24.80	2.70	9.0	Zone 15	FW2

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). 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"> Diversified Minerals (2016 to 2020) Unity Mining (2009 to 2016) Barrick Gold (2006 to 2009) Placer Dome (2003 to 2006) Aurion Gold (2001 to 2003) RGC/Goldfields (1996 to 2001). <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> <p>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.</p> <p>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.</p>
Drilling techniques	Underground mobile diamond drill rigs are utilised to produce either LTK60 or NQ2 size core. Drill core is not routinely oriented.
Drill sample recovery	<p>Drilling recoveries are recorded for diamond core samples as part of geotechnical logging.</p> <p>Recovery of drill core is maximised by using drilling techniques and drilling fluids suited to the particular ground conditions.</p> <p>No relationship between grade and recovery has been identified.</p>
Logging	<p>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.</p> <p>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>Zones of core loss are also recorded.</p> <p>Logging is generally qualitative in nature. All core is stored at site and has been photographed wet.</p> <p>All diamond core has been geologically logged in full (100%).</p>

Diamond Drill Sampling Techniques and Data Criteria	Explanation
Sub-sampling techniques and sample preparation	<p>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.</p> <p>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).</p> <p>Subsampling is performed during the sample preparation stage according to the assay laboratories' internal protocols.</p> <p>Field duplicates of diamond core, i.e. other than half of cut core, have not been routinely assayed.</p> <p>Sample sizes are considered appropriate for the material being sampled</p>
Quality of assay data and laboratory tests	<p>The techniques are considered total.</p> <p>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.</p> <p>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.</p> <p>Details relating QA protocols and QC results for data gathered prior to 2009 is largely unavailable.</p> <p>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.</p> <p>QA protocols that have been adopted since 2016 are summarised below.</p> <p>Drilling</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	<p>Significant intersections have been verified by alternative DVM company personnel. No twinning has been completed.</p> <p>The summary below relates to current methods. Historical methods are not known with any certainty.</p> <p>Drilling</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>
	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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 MGA94 Point 1 N 5365490.570 E 382559.064 Point 2 N 5360057.736 E 380580.385</p>
Data spacing and distribution	<p>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.</p> <p>Compositing was not applied at the sampling stage.</p>
Orientation of data in relation to geological structure	<p>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.</p> <p>The relationship between the drilling orientation and the orientation of key mineralised structures is not considered to have introduced a sampling bias.</p>
Sample security	<p>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.</p> <p>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.</p> <p>The primary laboratory (ALS in Burnie) collects the samples each morning.</p>

Diamond Drill Sampling Techniques and Data Criteria	Explanation
Audits or reviews	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 CSA Global completed a review of data collection techniques in 2017

Reporting of Exploration Results Criteria	Explanation
Mineral tenement and land tenure status	Henty Gold Mine Tenements in Tasmania are owned by Unity Mining Pty Ltd 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. The tenements are in good standing and no known impediments exist.
Exploration done by other parties	Other companies to have held the project leases include: Unity Mining (2009 to 2016) Barrick Gold (2006 to 2009) Placer Dome (2003 to 2006) Aurion Gold (2001 to 2003) RGC/Goldfields (1996 to 2001)
Geology	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. 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.
Drill hole Information	All exploration results reported here are from diamond drilling (DD) subsequent to 1 July 2020 which was the cut-off 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): Diversified Minerals (2016 to 2020) Unity Mining (2009 to 2016) Barrick Gold (2006 to 2009) Placer Dome (2003 to 2006) Aurion Gold (2001 to 2003) RGC/Goldfields (1996 to 2001). 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.

Reporting of Exploration Results Criteria	Explanation
Data aggregation methods	DDH assay samples are collected at 1m intervals in the first instance, but smaller intervals are sampled where related to specific mineralised units. No top-cutting applied to assay data. 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 Reported zones are continuous, with no sample or assay gaps. Holes without zones of significance are tabulated detailing the greatest assay value achieved.
Relationship between mineralisation widths and intercept lengths	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. 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.
Diagrams	Figure 1 shows the longitudinal projection of the Henty resource and mining area with an inset enlargement for the October- December 2021 drilling Figures 2 and 3 show the enlargement diagram with diamond drill holes in longitudinal projection
Balanced reporting	All drilling inclusive of holes which did not contain significant intersections are included in Tables 1a and 1b
Other substantive exploration data	Other exploration results that have been used in the CSA resource estimation have not been included in this report.
Further work	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.