Cannindah Resources Limited

WIDE INTERSECTIONS OF COPPER GOLD AND SILVER AT MT CANNINDAH CONFIRM DEPTH & STRIKE LENGTH

Highlights from Hole 17 Mt Cannindah breccia zone:

- **Links polymetallic breccia intersections and extends these to previously undrilled zones in the south-west and at depth Hundreds of metres of excellent copper, gold silver to report; high-grade gold encountered.**
- **Results to feed into updating of the resource estimation.**
- **High grade copper hits including 55m @ 0.89 % Cu from 356m. High grade gold hits including 6m @ 6.19g/t Au from 314m.**

Aggregate intervals include 216m @ 0.70% CuEq from 233m, 70m @ 0.31% CuEq from 509m.

LATEST DRILLING HIGHLIGHTS of HOLE 17 (Downhole intervals):

- **Hole 17 (drilled from north-east to south-west)**
- **Two wide Breccia zones (1) 216m @ 0.70 %CuEq (0.46%Cu,0.30 g/t Au, 7.2 g/t Ag) 233m-449mm. (2) 70m @ 0.31% CuEq (0.24%Cu,0.06 g/t Au, 4.3 g/t Ag) 509m-579m.**
- **Selected high grade sections:**

m	CuEq%	Cu%	Au g/t	Ag g/t	From (m)	To (m)	
1m @			1.04		109	110	Visible gold
7m @	1.21	0.93	0.27	14.6	280	287	
4m @	3.28	2.59	0.56	44.2	302	306	
10m @	2.86	0.42	3.81	15.7	314	324	Includes 6m @ 6.19 gt/t Au
3m @	3.09	2.16	1.07	35.6	329	332	
23m @	1.49	1.19	0.32	14	356	379	Includes 10m @ 1.47% Cu; 1m @ 64 gt/t Au
8m @	1.32	1.09	0.23	12.1	399	407	Includes 3m @ 1.52% Cu, 17 gt/t Ag
7m @	1.01	0.86	0.14	8.3	558	565	Includes 1m @ 1.59% Cu
1m @	1.43	0.22	1.66	24.8	684	685	

*Copper Equivalent calculation is based on metal prices using 30-day average prices in USD for Q4 2021. Further details are provided in the calculation table at page 24 of the text and in the JORC Table 1 at p 50.

ASX Announcement

DATE: 9 March 2023

Fast Facts

Shares on Issue: 561,979,953

Market Cap (@$0.165): $92.73 M

(As at 08/03/2023)

Board and Management

Tom Pickett - Executive Chairman

Dr Simon Beams - Non Executive Director

Geoff Missen - Non Executive Director

Michael Hansel - Non Executive Director

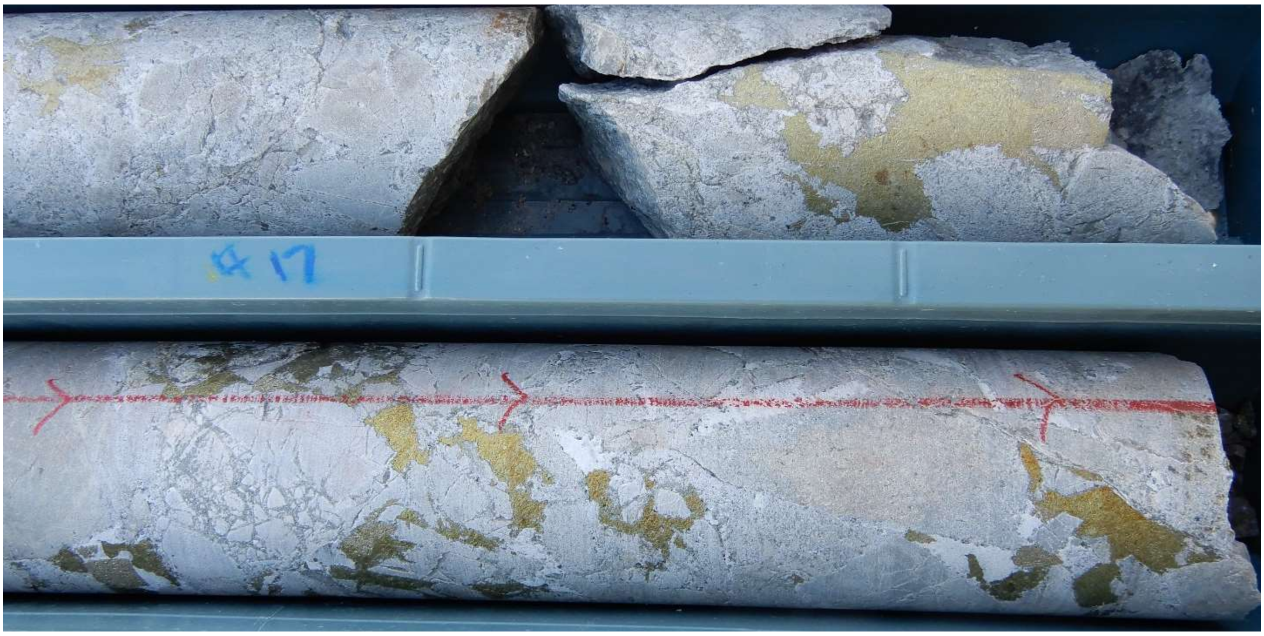
Garry Gill - Company Secretary

Company Highlights

- **Exceptional exploration management**
- **Located within existing mining lease**
- **100km from Gladstone Port**
- **Significant copper intercepts at flagship Mt Cannindah project over hundreds of metres**
- **New Gold discovery within current drill program at Mt Cannindah**
- **Expansion of current 5.5MT resource is the focus of the current program**
- **Large Gold portfolio with Piccadilly project 100km west of Townsville with existing mining lease and EPMs with large target areas yet to be drilled**
- **No debt**

EXECUTIVE CHAIRMAN'S COMMENTS

"Cannindah Resources is showing that Mt Cannindah is shaping up to be larger than previously thought. Not only do we consistently see evidence of high-grade copper, gold, silver in the breccia but also porphyry affinities with larger bulk tonnage being possible. Hole 17 was designed to link areas together to assist with further resource calculation. It achieved its goal and provided further evidence with high grade gold hits and significant copper intercepts which is an amazing result. We are committed to pursuing our stated objectives of increasing known mineralisation at Mt Cannindah, and confirmation of the extension to the south-west has certainly done this so we are very pleased. We have now also completed hole 18 and from visual observations it has encountered interesting copper breccia as well. I look forward to pushing the exploration activity into new zones and outlining more interesting targets within the project area into the near future."



High grade copper in hydrothermal infill breccia CAE hole # 17: 404m depth. Interval 404m-407 : 3m @ 1.85% CuEq*, 1.52% Cu ,0.31 g/t Au,17.2 g/t Ag.

Fig 1. Location of Mt Cannindah Project in Central Queensland.

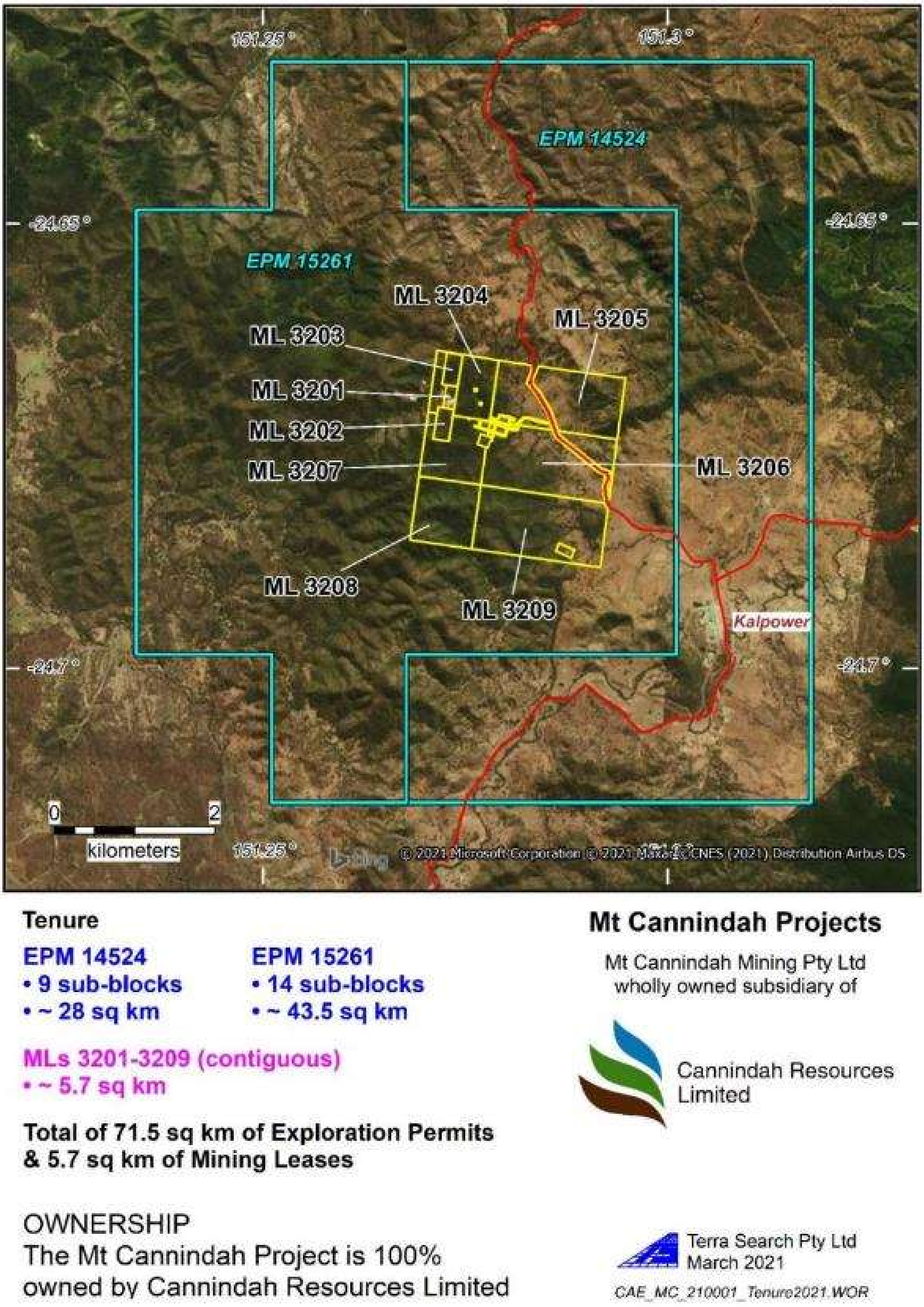


Fig 2. Mt Cannindah Project Tenure

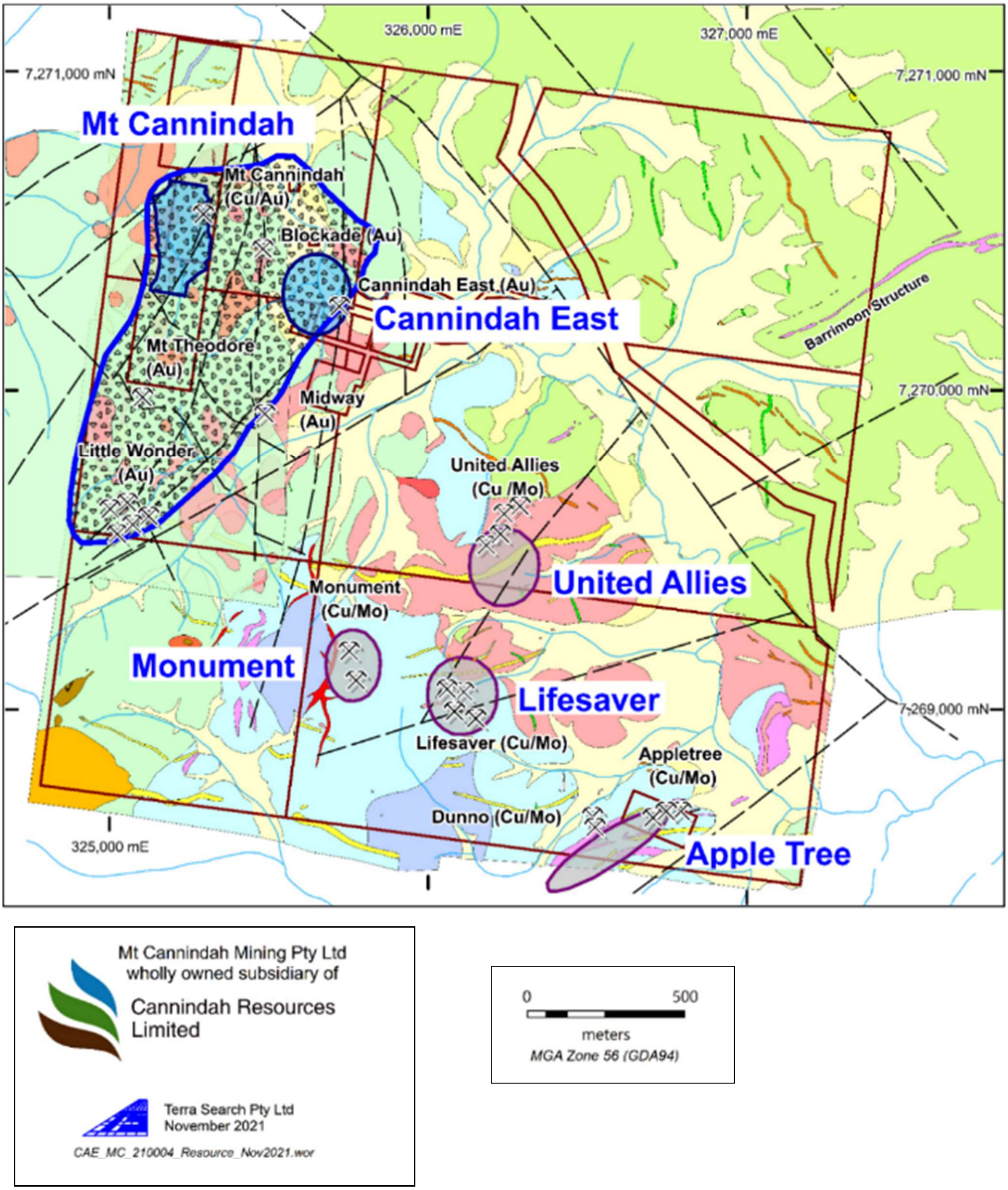


Fig 3. Mt Cannindah project Location of prospect areas and mineralised targets.

TECHNICAL DETAILS & RESULTS OF CAE HOLE 17 AT MT CANNINDAH

Cannindah Resources Limited (“Cannindah”, “CAE”) is pleased to announce the next set of completed assay results from the drilling program currently underway at Mt Cannindah, copper gold silver project south of Gladstone near Monto in central Queensland (Figs 1 to 3) pertaining to hole 22CAEDD017 (final depth 768.46m).

Hole 22CAEDD017 was collared in the north east sector of the Mt Cannindah mine area and targets the extent and continuity of copper-gold -silver breccia and intrusive hosted mineralization. Hole # 17 drills in a south-south westerly direction (magnetic direction at collar of 201 degrees) which is slightly oblique to the presumed strike of the breccia deposit (approx. magnetic bearing of 190 degrees). The hole was designed to connect at depth, across several east west cross sections , the key intersections of mineralised sulphidic breccia encountered in CAE holes #3,9,11, and to continue drilling to the south west to probe the possibility whether the deeper breccia mineralization intersected at 400m in CAE #3 extends in that direction. Historical drilling is sparse at these depths and in this south west sector of the Mt Cannindah deposit , so in this regard Hole # 17 was drilling to test the extent of mineralisation on the western margin of the breccia. Hole 17 successfully established that the mineralized breccia does indeed extend to the south west. The deeper mineralised breccia zone intersected in hole 17 (eg 216m @ 0.7% CuEq from 233m and 70m @ 0.31% CuEq from 509m,) adds a robust addition to the earlier intercepts of CAE hole 3 (493m @ 1.28% CuEq from surface, which included a lower breccia zone of 148m @1.01% Cu , 0.22 g/t Au , 12.5 g/t Ag from 252m to 400m – see ASX Announcement Nov 9, 2021 and CAE hole 9 (341m from 58m @1.03% CuEq which included a lower breccia zone of 64m @0.81% Cu , 0.21 g/t Au , 11.0g/t Ag from 335m to 399m – see ASX Announcement April 4, 2022.

The highlights and details of CAE hole # 17 are set out below. Table 1 lists the most significant aggregate intercepts of Hole 17, Table 2 lists selected gold intervals. Table 3 summarises the hole geology. A full listing of results of hole 17 is presented in Appendix 1 to this report.

In late 2022, CAE hole # 16 was also drilled from north to south, from the northern end of the Mt Cannindah Breccia and in a similar fashion to that hole, the target of CAE hole # 17 is blind breccia hosted mineralisation under alluvial cover and diorite intrusive. CAE hole # 17 was similarly successful with blind breccia making up the majority of rock units intersected from 280.3m till the end of the hole at 768.46m. The diorite and monzodiorite at the top of the hole is cut by some sheeted quartz sulphide veins, sericite altered argillic fault and rock crush zones. Visible gold was observed in 5mm quartz pyrite sphalerite vein at 109m (see Fig 10).

A wedge of hornfels intruded by porphyry and cut by a vein fracture network of pyrite and minor chalcopyrite occurs downhole in Hole # 17 from 256m to 280.3m. There is a sharp contact at 280.3m with hydrothermal infill breccia, dominated by angular clasts of sericite altered hornfels and minor diorite. Infill minerals between clasts consist of common coarse quartz, calcite -pyrite and chalcopyrite. The infill breccia is strongly sulphidic throughout: containing 4% - 8 % pyrite, 1.5% to 5% chalcopyrite between 280m and 430m ,see Figs11-17.

A sulphidic shear/ fault zone, infilled with quartz sericite and semi-massive sulphide was intersected at 314m to 324m (10m @ 3.81 g/t Au), returning 1m high gold values in the 5g/t Au to 16 g/t Au range. This structure has potential to be a significant mineralised high gold feeder, likely to correlate with the gold zone intersected at 288m – 295m in CAE hole 9 (7m @ 2.56 g/t Au).

Lesser sulphide is contained in the hydrothermal infill breccia between 430m and 486m (3% pyrite, 0.3% chalcopyrite). Patchy sericite altered hornfels that appears to be essentially an in-situ block occurs between 480m and 509m.

Another infill hydrothermal breccia occurs downhole from 509m to 589m, quite pyritic averaging 3 % pyrite and copper bearing but with lower tenor in the order of 1% chalcopyrite. Below 589m there are several alternating zones of probable in situ hornfels blocks cut by porphyry dykes and close packed polymict clast supported breccia intervals. The clast supported breccias are dominated by clasts of porphyry and hornfels, often with very little rock flour matrix but can be highly sulphidic, in the order of 5% to 10% pyrite and trace chalcopyrite. In summary ,the mineralised breccia system is still open to the south-west at Mt Cannindah.

Table 1. Assay Highlights from Drillhole 22CAEDD017

Down Hole Mineralized Zones Hole 22CAEDD017	From	To	m	CuEq %	Cu %	Au g/t	Ag g/t	S %
Upper Aggregate Interval Upper Zone (Cut off 0.15% CuEq, allow 15m waste)	233	449	216	0.7	0.46	0.3	7.2	3.07
Lower Aggregate Interval Upper Zone (Cut off 0.15% CuEq, allow 15m waste)	509	579	70	0.31	0.24	0.06	4.3	1.76
Includes High Grade (Cut off 0.5% CuEq, allow 5m waste)								
Primary Hydrothermal breccia, hornfels dominant, infill chalcopyrite-pyrite-calcite-quartz.	302	348	46	1.38	0.64	1.02	14	4.74
Primary Hydrothermal breccia, hornfels dominant, infill chalcopyrite-pyrite-calcite-quartz.	356	411	55	1.1	0.89	0.21	10.2	3.32
Primary Hydrothermal breccia, hornfels dominant, infill chalcopyrite-pyrite-calcite-quartz.	557	568	11	0.85	0.7	0.12	9.4	2.72
High copper gold silver breccia sections								
Sulphidic hydrothermal infill breccia	280	287	7	1.21	0.93	0.27	14.6	3.85
Sulphidic hydrothermal infill breccia	302	306	4	3.28	2.59	0.56	44.2	5.29
Sulphidic vein breccia	314	324	10	2.86	0.42	3.81	15.7	8.76
Sulphidic hydrothermal infill breccia	329	332	3	3.09	2.16	1.07	35.6	8.76
Sulphidic hydrothermal infill breccia	356	379	23	1.49	1.19	0.32	14	4.91
Sulphidic hydrothermal infill breccia	387	394	7	1.26	1.07	0.16	11.5	2.93
Sulphidic hydrothermal infill breccia	399	407	8	1.32	1.09	0.23	12.1	1.87
Sulphidic hydrothermal infill breccia	558	565	7	1.01	0.86	0.14	8.3	2.75
Includes High grade gold zone sulphidic shears within breccia	314	320	6	4.02	0.16	6.19	12.9	9.27

Table 2. Selected Gold Assay Highlights from Drillhole 22CAEDD017

Selected Gold Metres 22CAEDD017	From	To	m	CuEq %	Cu %	Au g/t	Ag g/t	S %
Calcite-quartz sphalerite pyrite vein contains visible gold. Cutting diorite	109	110	1	0.65	0.02	1.04	1.1	1.07
High grade gold zone sulphidic shears within breccia	314	315	1	3.75	0.07	5.91	9.9	11.23
High grade gold zone sulphidic shears within breccia	315	316	1	3.75	0.06	5.99	6.7	12.2
High grade gold zone sulphidic shears within breccia	316	317	1	1.5	0.01	2.40	4	7.9
High grade gold zone sulphidic shears within breccia	317	318	1	10.07	0.15	15.98	25.5	6.09
High grade gold zone sulphidic shears within breccia	318	319	1	0.69	0.23	0.67	7.2	8.74
High grade gold zone sulphidic shears within breccia	319	320	1	4.39	0.45	6.17	24.2	9.47
Sulphidic hydrothermal infill breccia	331	332	1	6.06	3.89	2.68	68.2	11.98
Sulphidic hydrothermal infill breccia	338	339	1	0.94	0.2	1.07	11.5	1.76
Sulphidic hydrothermal infill breccia	366	367	1	2.81	1.34	2.25	12.5	4.52
Calcite,quartz,pyrite,vein cutting CLBX	627	628	1	0.8	0.06	1.17	2.4	3.84
Quartz sulphide veide vein , bands black sphalerite,some chalcopyrite	684	685	1	1.43	0.22	1.66	24.8	3.03
Sulphidic hydrothermal infill breccia	686	687	1	0.91	0.07	1.3	6.2	3.38

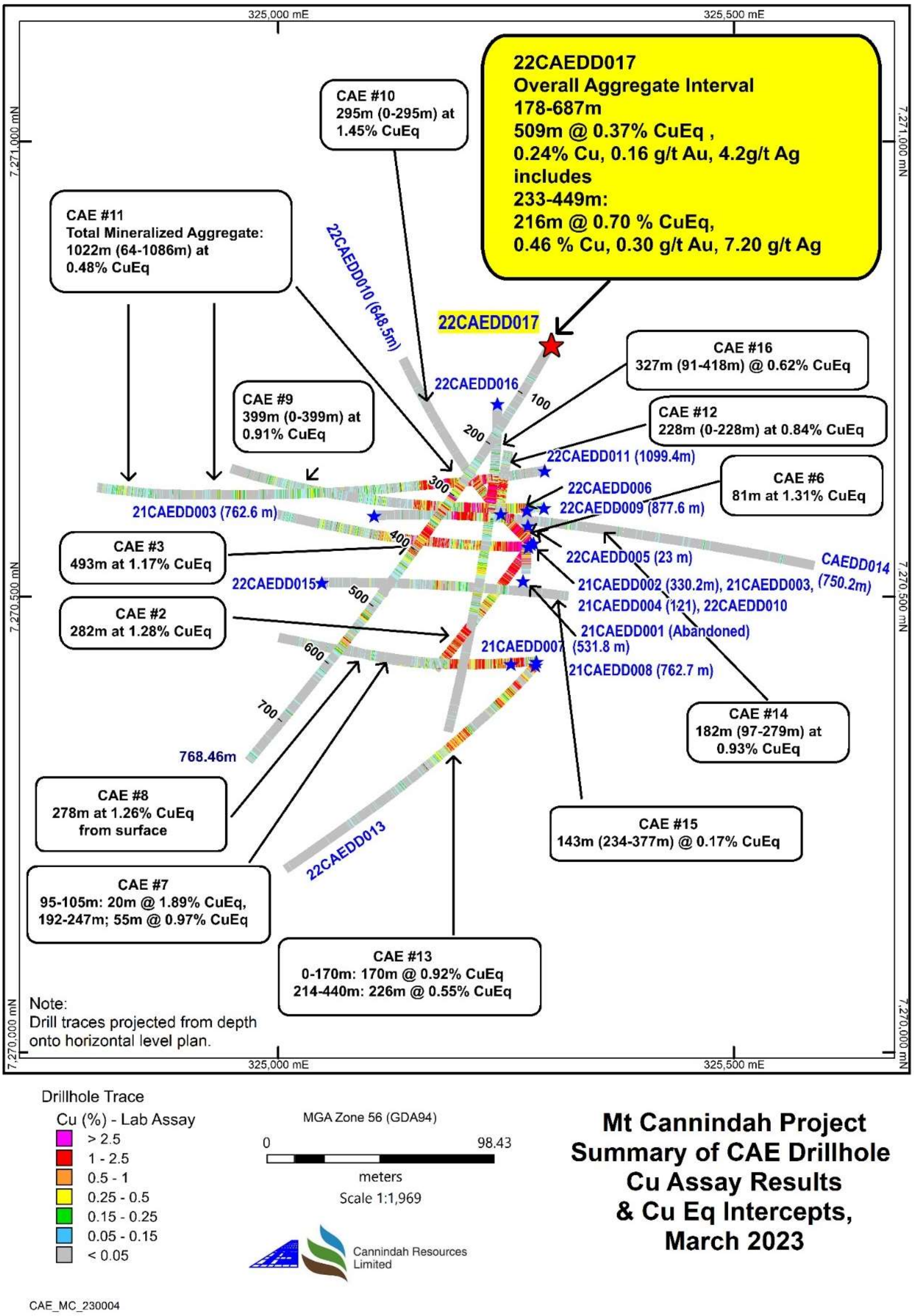


Fig 4. Plan view CAE Hole # 17 in relation to 2021-2022 CAE Drillholes Mt Cannindah. Downhole lab Cu plotted, CuEq intercepts annotated.

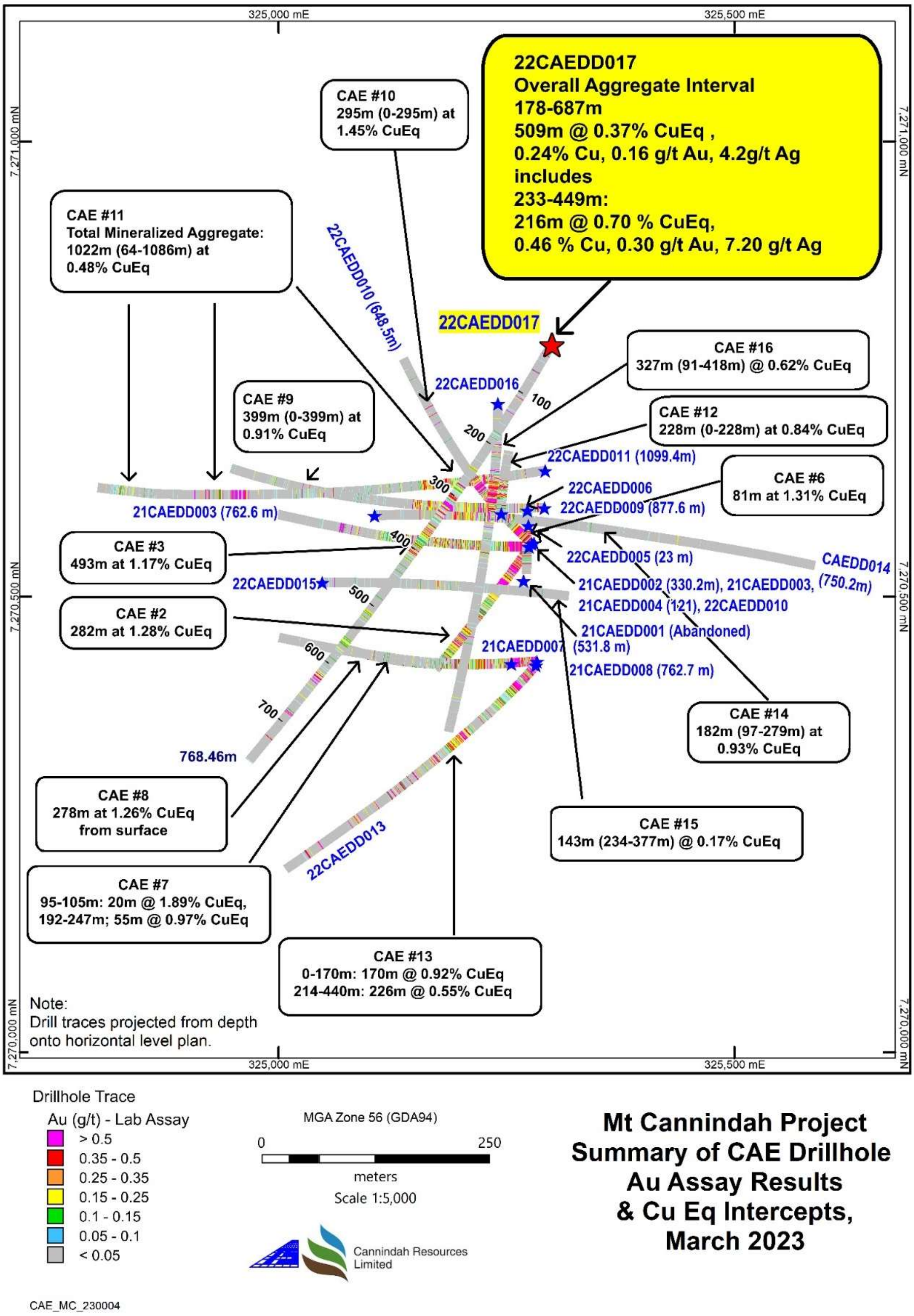


Fig 5. Plan view CAE Hole # 17 in relation to 2021-2022 CAE Drillholes Mt Cannindah. Downhole lab Au plotted, CuEq intercepts annotated.

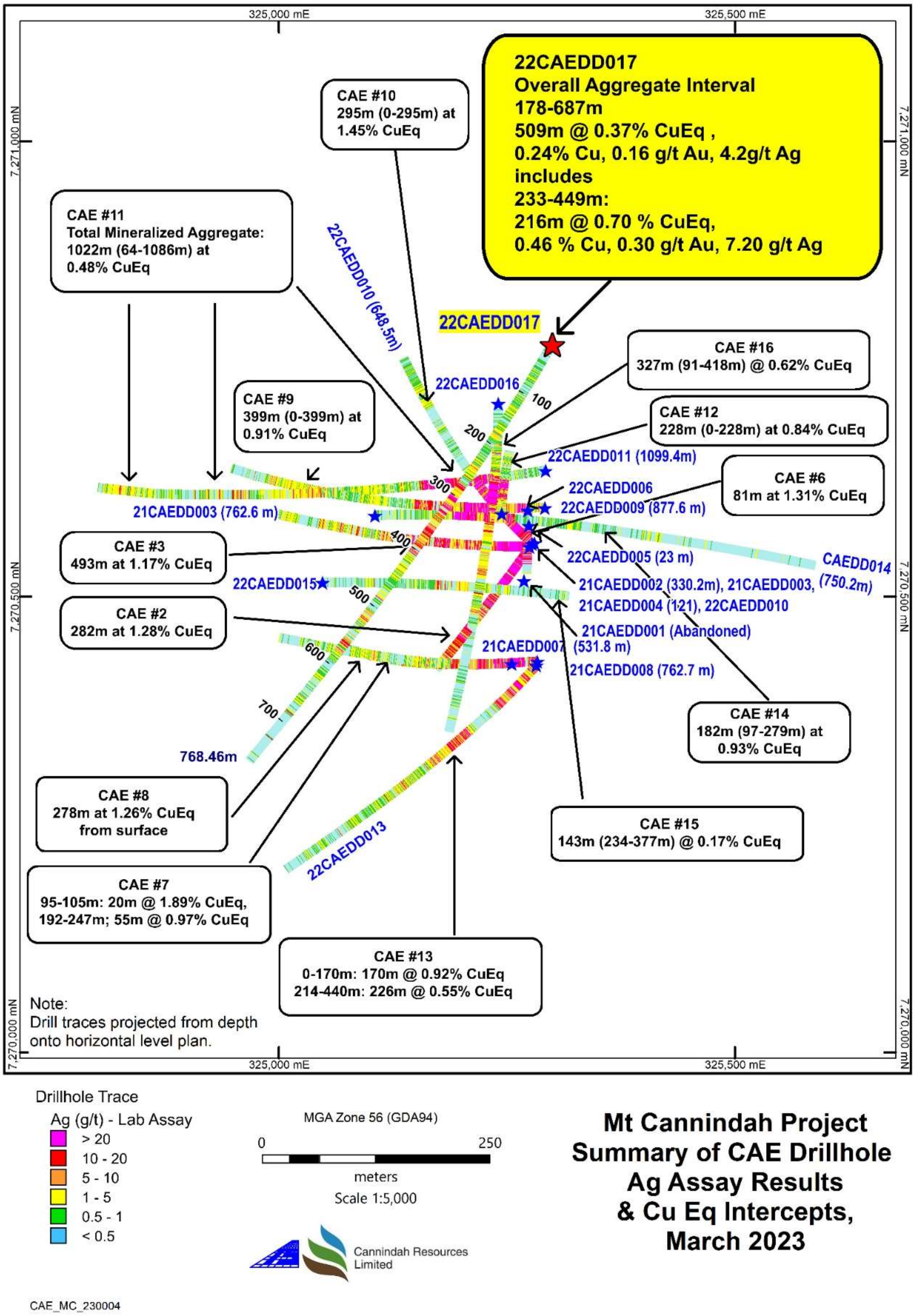


Fig 6. Plan view CAE Hole # 17 in relation to 2021-2022 CAE Drillholes Mt Cannindah. Downhole lab Ag plotted, CuEq intercepts annotated.

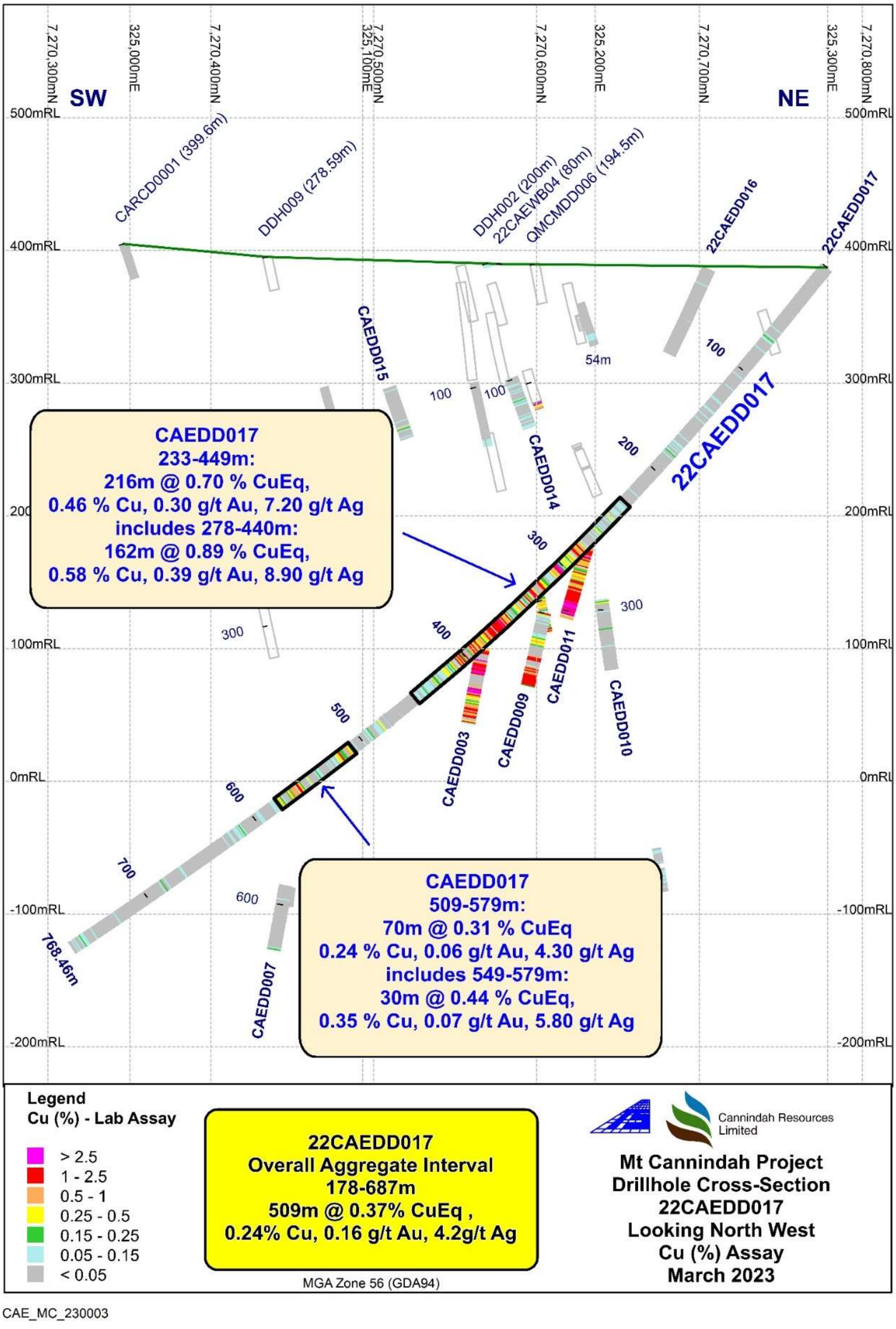


Fig 7. Cross section CAE Hole # 17 in relation to 2021-2022 CAE Drillholes and assayed historical holes at Mt Cannindah. Downhole lab Cu plotted, CuEq intercepts annotated.

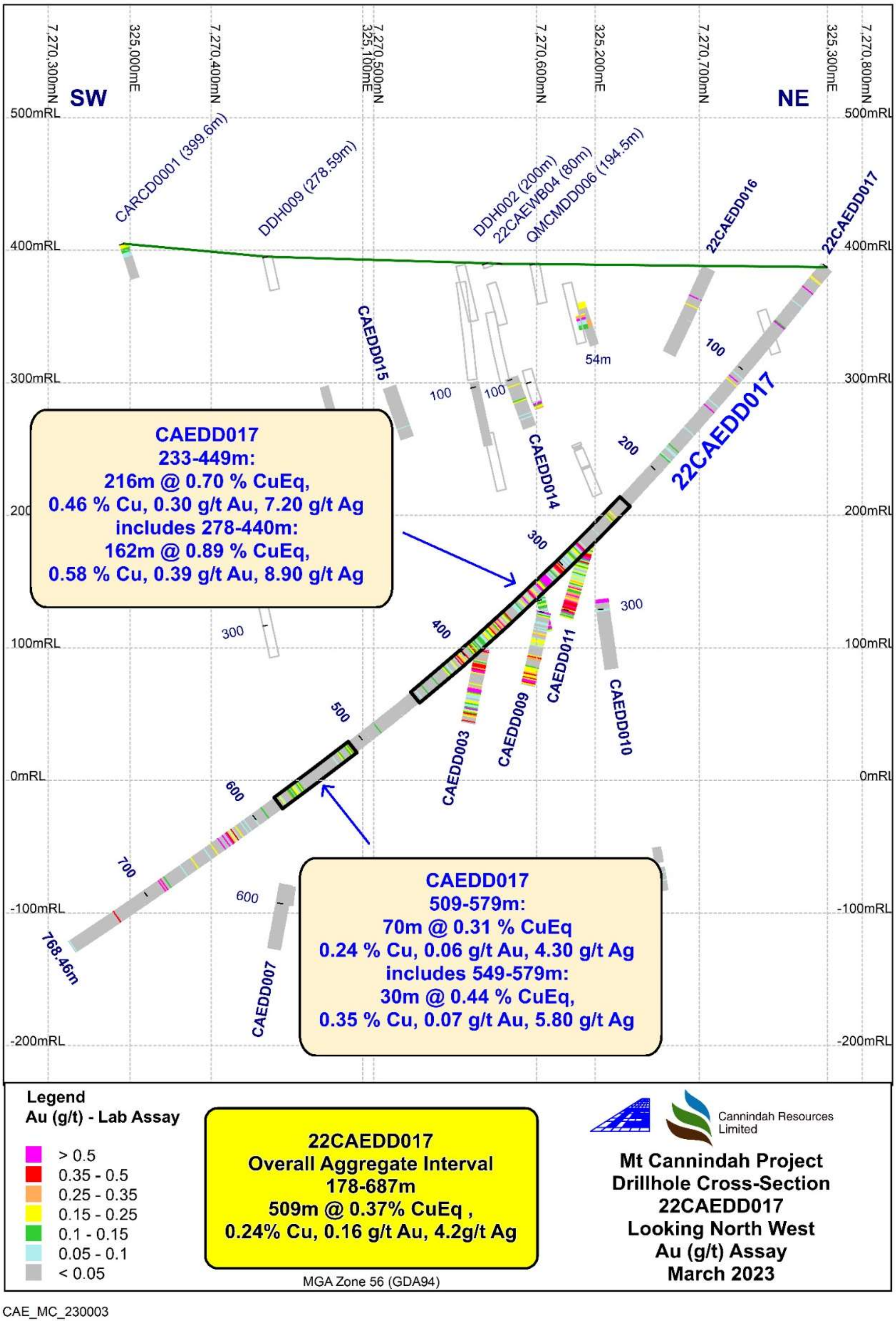


Fig 8. Cross section CAE Hole # 17 in relation to 2021-2022 CAE Drillholes and assayed historical holes at Mt Cannindah. Downhole lab Au plotted, CuEq intercepts annotated.

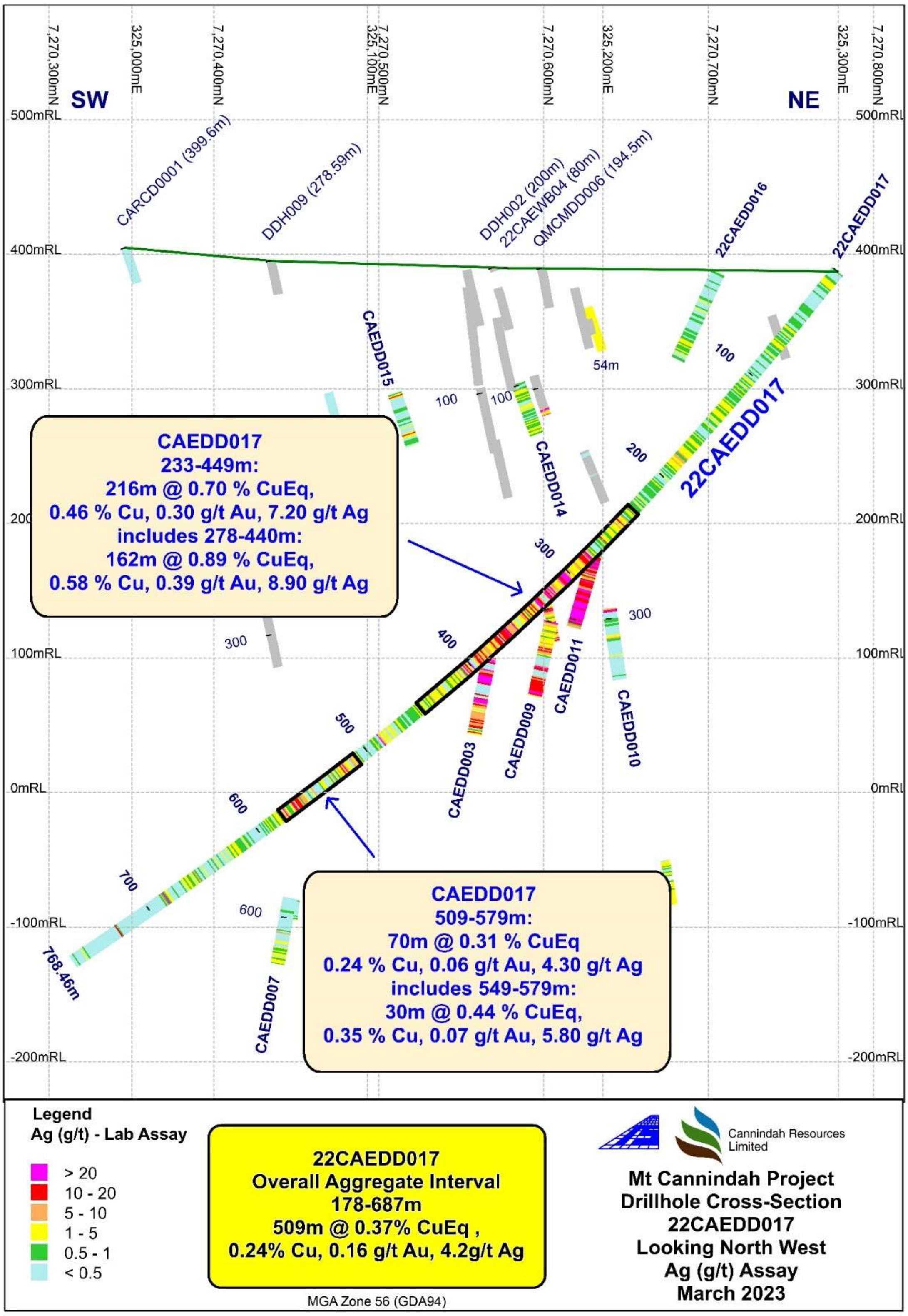


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Fig 9. Cross section CAE Hole # 17 in relation to 2021-2022 CAE Drillholes and assayed historical holes at Mt Cannindah. Downhole lab Ag plotted, CuEq intercepts annotated.

Fig 10 Visible gold in quartz pyrite -black sphalerite vein cutting diorite (centre of photo), Section HQ core, Hole 17 109m-110m returned 1m @ 1.04 g/t Au

Fig. 11.Photo full HQ core Hole #17 , oriented in core oriented frame, hole drilling to south-south- west , view looking west north west , hole at 303.4m inclined at -44.5 degrees toward 206 degrees mag: Hydrothermal Infill Breccia. Clasts of grey hornfels and light pink carbonate altered (ankeritic) diorite with infill of abundant chalcopyrite (golden) , pyrite (brassy) ,calcite (white) ,quartz (glassy). Interval 303m to 304m : 1m @ 3.25% Cu, 0.44 g/t Au, 47.1 g/t Ag, 7.12% S. Veins striking east west (262mag) , dipping north -71 degrees. (Dip direction = 352 mag).

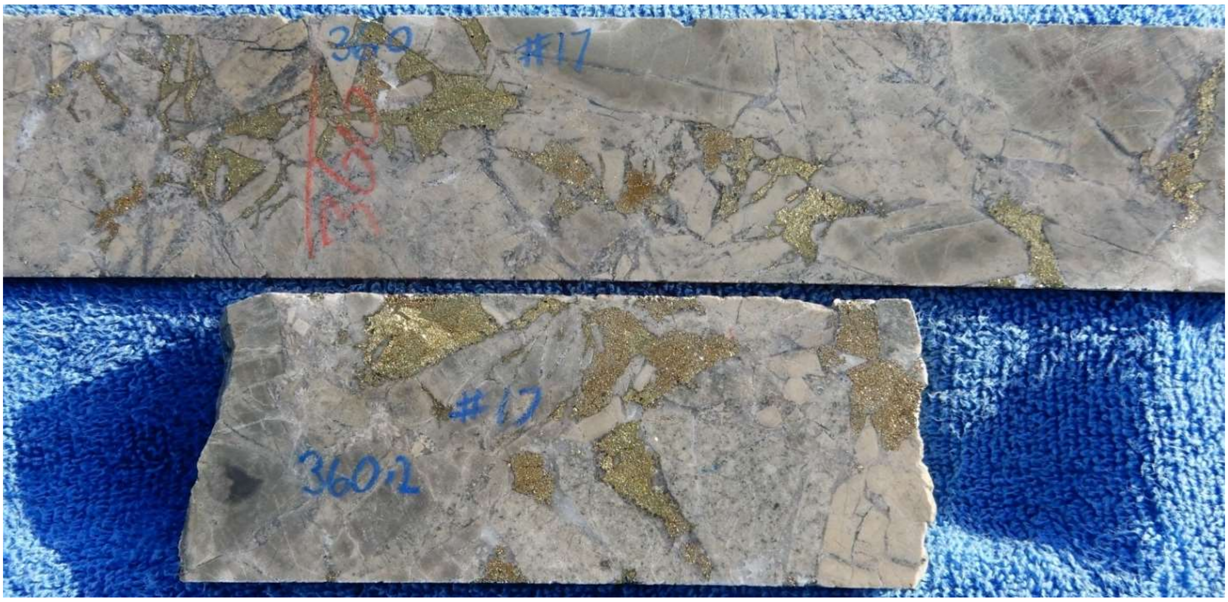

Fig 12 Half HQ Core. Hydrothermal breccia with clasts hornfels, diorite, infill chalcopyrite, pyrite, quartz, calcite, minor chlorite. 360m-361m returned 1m @ 1.55% Cu,0.27 g/t Au,8.8 g/t Ag, 6.04% S.

Fig 13. Half HQ Core : Hydrothermal breccia with clasts hornfels, diorite, infill chalcopyrite , pyrite, quartz ,calcite, minor chlorite. 371m-372m returned 1m @ 2.1% Cu,0.32 g/t Au,16.9 g/t Ag, 2.76% S.

Fig 14. Full HQ Core. Hydrothermal breccia with clasts diorite and infill chalcopyrite, pyrite, quartz and calcite. 372m-374m returned 2m @ 1.49% Cu,0.30 g/t Au,14.1 g/t Ag, 5.54% S.

Fig 15 Half HQ Core : Hydrothermal breccia with clasts hornfels, diorite, infill chalcopyrite , pyrite, quartz ,calcite, minor chlorite. 386m-388m returned 2m @ 1.21% Cu,0.12 g/t Au,10.6 g/t Ag, 2.59% S.

Fig 16 Full HQ Core : Hydrothermal breccia with clasts hornfels, diorite, infill chalcopyrite , pyrite, quartz ,calcite, minor chlorite. 386m-388m returned 2m @ 1.21% Cu,0.12 g/t Au,10.6 g/t Ag, 2.59% S.

Fig 17 Full HQ Core. Hydrothermal breccia with clasts hornfels and infill chalcopyrite, pyrite, quartz, calcite, minor chlorite. 403m-404m returned 2m @ 1.49% Cu,0.35 g/t Au,15.6 g/t Ag, 1.86% S.

Photo full HQ core Hole #17, oriented in core oriented frame, hole drilling to south-south-west , view looking east south east , hole at 315.75m inclined at -44.5 degrees toward 206 degrees mag: Quartz sericite shear zone cutting highly pyritic interval 315m to 316m : 1m @ 0.05% Cu, 5.99 g/t Au, 6.7 g/t Ag, 12.2% S. Vein striking south east-north west (130mag) , dipping south west -70 degrees. (Dip direction = 220 mag).

The summary geology for CAE hole 22CAEDD017, colour coded according to geological unit is presented in Table 3.

Table 3. Summary Geology Drillhole 22CAEDD017, colour coded according to geological unit

From Depth (m)	To Depth (m)	Summary Geology Hole 22CAEDD017
0.00	**9.90**	**Clay Gravel/poorly consolidated conglomerate, some intervals with gypsum.Minor basal ferricrete conglomerate**
9.90	**16.80**	**Weathered oxidised ,partially oxidised monzodiorite**
16.80	**62.90**	Fresh diorite/monzodiorite. Minor sericite alteration .Cut by vein fracture network of pyrite, quartz veins, 2% pyrite, Cut by minor porphyry latite dykes. .
62.90	**68.45**	Micromonzodiorite, possibly mafic monzonite. Minor veins disseminated pyrite 0.5%-1%. Rare chalcopyrite fracture coatings
68.45	**108.35**	Diorite & micro-monzodiorite, some biotite bearing, some chlorite development. Minor hairline pyrite veining with K-feldspar alteration selvedges. Overall 1-2% pyrite veins trace chalcopyrite.
108.35	**117.80**	Biotite altered diorite, 0.5cm quartz-calcite-sulphide veins at 109.72m contains black sphalerite, pyrite, trace chalcopyrite and some specks of visible gold.
117.80	**119.80**	**Post Mineral andesite dyke**
119.80	**176.80**	Even grained to porphyrytic micromonzodiorite.Overall 0.5%-1% pyrite, trace chalcopyrite
176.80	**186.00**	Micromonzodiorite porphyry. Cut by 10cm veins of pyrite and chlorite. Overall 1%-5% pyrite as semi-massive veins.
186.00	**241.60**	Micromonzodiorite porphyry. Quartz , pyrite veins. Some zones prominent K feldspar. Overall 0.5%-1% pyrite, trace chalcopyrite..
241.60	**253.43**	Grey micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins with quartz sericite alteration.
253.43	**255.34**	**Post Mineral andesite dyke**
255.34	**256.35**	**Calcite-quartz-sericite pyrite shear zone, fault breccia 1% pyrite**
256.35	261.75	Hornfels, intruded by micodiorite porphyry,minor matrix supported breccia.
261.75	267.15	Sericite altered/argillized,hornfelsed siltstone intruded by porphyry and cut by vein fracture network of pyrite (2%) and chalcopyrite (0.5%-1%),
267.15	280.3	Hornfelsed siltstone,minor feldspathic sandstone beds cut by some quartz, calcite, sericite, calcite veins and minor argillized porphyry. 0.1% chalcopyrite 1% pyrite
280.30	**299.80**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3-5%)-chalcopyrite (0.5-3%),hornfels,minor diorite clasts**
299.80	**302.25**	Argillized sericite altered diorite porphyry and strong quartz-sulphide veining and sericite shear zones. possible feeder structure 3% pyrite, 0.5% chalcopyrite
302.25	**314.90**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3-5%)-chalcopyrite (3-5%),hornfels,minor diorite clasts**
314.90	**324.28**	**Hydrothermal breccia, infill quartz-calcite-pyrite (10-15%)-chalcopyrite (0.5-1%),hornfels,minor diorite clasts**
324.28	**328.28**	**Post Mineral andesite dyke**
328.28	**332.45**	**Hydrothermal breccia, infill quartz-calcite-pyrite (5-10%)-chalcopyrite (5%),hornfels,minor diorite clasts**

From Depth (m)	To Depth (m)	Summary Geology Hole 22CAEDD017
332.45	**334.30**	**Sericite altered porphyry. 2% pyrite, 0.5% chalcopyrite**
334.30	**348.40**	**Hydrothermal breccia, infill quartz-calcite-pyrite (2-5%)-chalcopyrite 0.5-2%),hornfels,minor diorite clasts. Minor sericite altered porphyry.**
348.40	**348.90**	**Hydrothermal breccia zone and sulphidic fault breccia. Possible feeder zone 15% pyrite, 1% chalcopyrite.**
348.90	**350.90**	**Hydrothermal breccia, infill quartz-calcite-pyrite (10%)-chalcopyrite 1%),hornfels,minor diorite clasts.**
350.9	353.32	Equigranular monzonite, minor thin 2mm quartz-sulphide veins 0.5% chalcopyrite, 2% pyrite.
353.32	**369.51**	**Hydrothermal breccia, infill quartz-calcite-pyrite (2-3%)-chalcopyrite 3-5%),hornfels,minor diorite clasts.**
369.51	**371.25**	**Post Mineral andesite dyke**
371.25	**393.60**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3-5%)-chalcopyrite 2-4%),hornfels,minor diorite clasts. Cut by minor porphyry.**
393.60	**394.44**	**Post Mineral andesite dyke**
394.44	**395.77**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3%)-chalcopyrite 0.3%),hornfels clasts.**
395.77	**399.21**	**Post Mineral andesite dyke**
399.21	**400.25**	**Hydrothermal breccia, infill quartz-calcite-pyrite (2%)-chalcopyrite 3%),hornfels,minor diorite clasts.**
400.25	**401.50**	**Post Mineral andesite dyke**
401.50	**423.35**	**Hydrothermal breccia, infill quartz-calcite-pyrite (2%)-chalcopyrite 1-5%),hornfels clasts.**
423.35	425.82	Biotite hornfels, 1% vein and disseminated pyrite, 0.2% chalcopyrite.
425.82	**433.40**	**Hydrothermal breccia, infill quartz-calcite-pyrite (1-5%)-chalcopyrite 0.1-0.3%),hornfels,minor diorite clasts.**
433.40	**434.25**	**Quartz-sericite pyrite fault/shear zone. 1%-2% pyrite.**
434.25	**459.70**	**Hydrothermal breccia, infill quartz-calcite-pyrite (1-5%)-chalcopyrite 0.1-0.2%),hornfels clasts.**
459.70	**460.13**	**Semi-massive pyrite, quartz and sericite shear zone, 40% pyrite.**
460.13	**471.10**	**Clast supported infill hydrothermal breccia. hornfel clasts. Abundant infill, clacite, quartz and semi-massive pyrite. Overall 10% pyrite.**
471.10	**478.10**	**Quartz-sericite ,sulphidic fault breccia, 3%-5% pyrite, trace to 0.1% chalcopyrite.**
478.10	**486.60**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3%)-chalcopyrite 0.2-0.5%),hornfels,diorite clasts.**
486.6	491.7	Patchy sericite altered hornfels. Overall 2% pyrite 0.1% chalcopyrite.
491.7	493.4	Epidote, magnetite quartz pyrite skarn, replacement of probable calcareous horizon. <5% pyrite, 0.5% chalcopyrite.
493.4	508.9	Hornfelsed siltstone, interlayered with some coarser feldspathic sandstone beds . Fine vein pyrite 1%-3%, trace 0.1% chalcopyrite.
508.90	**510.40**	Bleached sericite, altered porphyry diorite .Minor quartz, pyrite, chalcopyrite, sphalerite veins. 1%-2% pyrite; trace chalcopyrite.
510.40	**536.50**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3%)-chalcopyrite 0.2-0.5%),hornfels,diorite clasts.**
536.5	**539.26**	**Post Mineral andesite dyke**

From Depth (m)	To Depth (m)	Summary Geology Hole 22CAEDD017
539.26	**541.50**	Feldspar porphyry, sericite silica, pyrite altered. 2%-3% pyrite, 0.1%-0.3% chalcopyrite.
541.50	**545.78**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3%)-chalcopyrite 0.1-0.3%),hornfels,diorite clasts.**
545.78	**549.60**	**Post Mineral andesite dyke**
549.60	**555.55**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3%)-chalcopyrite 0.1-0.3%),hornfels,diorite clasts.**
555.55	**556.65**	**Post Mineral andesite dyke**
556.65	**569.30**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3%)-chalcopyrite 1-3%),hornfels,diorite clasts.**
569.30	**571.60**	**Post Mineral andesite dyke**
571.60	**589.67**	**Hydrothermal breccia, infill quartz-calcite-pyrite (3-5%)-chalcopyrite 0.5%),hornfels,diorite clasts.**
589.67	610.9	Fractured,sericite altered, hornfelsed siltstone, 2-3% pyrite, 0.1% to 0.2% chalcopyrite.
610.9	615.2	Skarnified, calcereous tuffaceous/volcanic breccia unit within hornfels. Pyrite. 3%-5%, 0.1%-0.2% chalcopyrite.
615.2	621.8	Sericite altered, hornfelsed siltstone, 1-2% pyrite, 0.1% to 0.2% chalcopyrite.
621.8	623.5	Skarnified, calcereous tuffaceous/volcanic breccia unit within hornfels. Pyrite. 5%, 0.2% chalcopyrite.
623.50	**636.05**	**Sericite altered close packed clast supported breccia. Minor infill quartz, some calcite, pyrite, minor chalcopyrite. 3% pyrite, 0.2% chalcopyrite trace galena .Hornfels , diorite clasts.**
636.05	**638.20**	**Post Mineral andesite dyke**
638.20	**644.25**	**Sericite altered close packed clast supported breccia. Minor infill quartz, pyrite, minor chalcopyrite. 3% pyrite, 0.2% chalcopyrite Hornfels , diorite clasts.**
644.25	**648.60**	**Post Mineral andesite dyke & Marginal Breccia**
648.60	**655.56**	**Sericite altered close packed clast supported breccia. Minor infill quartz, pyrite, minor chalcopyrite. 3% pyrite, 0.2% chalcopyrite Hornfels , diorite clasts.**
655.56	**655.75**	**Matrix supported sericitic sulphidic breccia. Pyrite 5%.**
655.75	**656.15**	**Probable Post Mineral andesite dyke**
656.15	**680.30**	**Sericite altered close packed clast supported breccia. Minor infill quartz, pyrite, minor chalcopyrite. 3-5% pyrite, 0.1-0.5% chalcopyrite Hornfels , diorite clasts.Some argillized fault zones.**
680.30	**680.85**	**Probable Post Mineral andesite dyke**
680.85	**684.46**	**Sericite altered close packed clast supported breccia. Minor infill quartz, pyrite, minor chalcopyrite. 3% pyrite, 0.1% chalcopyrite Hornfels , diorite clasts.Some argillized fault zones.**
684.46	**685.90**	**Quartz sulphide vein with bands black sphalerite (3%) , quartz, pyrite (3%), galena (1%), chalcopyrite (0.5%), argillized andesite,**
685.90	**704.88**	**Sericite altered close packed clast supported breccia. Minor infill quartz, pyrite, minor chalcopyrite. 3% pyrite, 0.1% chalcopyrite Hornfels , diorite clasts.Some argillized fault zones.**

From Depth (m)	To Depth (m)	Summary Geology Hole 22CAEDD017
704.88	**708.48**	**Strongly porphyrytic, plagioclase biotite altered hornblende phyric monzodiorite porphyry. Overall 0.5% pyrite.**
708.48	**729.45**	**Sericite altered close packed clast supported breccia. Minor infill quartz, pyrite, minor chalcopyrite. 3% pyrite, 0.1% chalcopyrite Hornfels , diorite clasts.Some argillized fault zones.**
729.45	**733.9**	**Clast supported polymict breccia with chlorite matrix hornfels,feldspar porphyry, altered diorite clasts. Some sericite overprint. Overall 3.5% pyrite, trace chalcopyrite 0.1%-0.2%**
733.90	**734.73**	**Post Mineral andesite dyke**
734.73	**747.53**	**Clast supported polymict breccia with chlorite matrix hornfels,feldspar porphyry, altered diorite clasts. Some sericite overprint. Overall 3.5% pyrite, trace chalcopyrite 0.1%-0.2%**
747.53	751.3	Sericite-pyrite altered and stockwork veined tuffaceous siltstone/sandstone. Overall 3%-5% pyrite, 0.2% chalcopyrite.
751.3	764.6	Lithic tuff ,volcaniclastic unite interlayered with hornfelsed siltstone. Overall 3%-5% pyrite, 0.1%-0.2% chalcopyrite.
764.60	**765.08**	**Post Mineral andesite dyke**
765.08	768.46	Hornfelsed siltstone. Porphyry, Vein fracture network of quartz, minor pyrite. Overall 1%-2% pyrite.

COMPETENT PERSON STATEMENT

The information in this report that relates to exploration results is based on information compiled by Dr. Simon D. Beams, a full-time employee of Terra Search Pty Ltd, geological consultants employed by Cannindah Resources Limited to carry out geological evaluation of the mineralisation potential of their Mt Cannindah Project, Queensland, Australia. Dr Beams is also a non-Executive Director of Cannindah Resources Limited. Dr. Beams has BSc Honours and PhD degrees in geology; he is a Member of the Australasian Institute of Mining and Metallurgy (Member #107121) and a Member of the Australian Institute of Geoscientists (Member # 2689). Dr. Beams has sufficient relevant experience in respect to the style of mineralization, the type of deposit under consideration and the activity being undertaken to qualify as a Competent Person within the definition of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ("JORC Code).

Dr. Beams consents to the inclusion in the report of the matters based on this information in the form and context in which it appears

*.**Disclosure:***

Dr Beams' employer Terra Search Pty Ltd and Dr Beams personally hold ordinary shares in Cannindah Resources Limited.

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Appendix 1.1 Table 1 Cu, Au, Ag, S assays, chalcopyrite, pyrite visual estimates CAE hole 15, 1.2: Hole 16.- **Appendix 2** JORC Table 1, **Appendix 4** – JORC Table 2

Formula for Copper Equivalent calculations

Copper equivalent has been used to report the wider copper bearing intercepts that carry Au and Ag credits, with copper being dominant. eg have confidence that existing metallurgical processes would recover copper, gold and silver from Mt Cannindah.We have confidence that the Mt Cannindah ores are amenable to metallurgical treatments that result in equal recoveries. This confidence is reinforced by some preliminary metallurgical test work by previous holders, geological observations and our geochemical work which established a high correlation between Cu,Au,Ag.

The full equation for Copper Equivalent is:

CuEq/% = (Cu/% * 92.50 * CuRecovery + Au/ppm * 56.26 * AuRecovery + Ag/ppm * 0.74 * AgRecovery)/(92.5* CuRecovery)

When recoveries are equal this reduces to the simplified version: CuEq/% = (Cu/% * 92.50 + Au/ppm * 56.26 + Ag/ppm * 0.74)/ 92.5

We have applied a 30 day average prices in USD for Q4,2021, for Cu, Au , Ag , specifically copper @ USD$9250/tonne, gold @ USD$1750/oz and silver @ USD$23/oz. This equates to USD$92.50 per 1 wt %Cu in ore, USD$56.26 per 1 ppm gold in ore, USD$0.74 per 1 ppm silver in ore . We have conservatively used equal recoveries of 80% for copper, 80% for gold , 80% for Ag and applied to the CuEq calculation.CAE are planning Metallurgical test work to quantify these recoveries.

Appendix 1.1 Cu, Au, Ag, S assays and chalcopyrite/pyrite visual estimates 22CAEDD017 (Table 1.) All assays are reported for those intervals containing significant mineralization . Lesser mineralized sections are grouped and summarized along geological unit lines. Lithology colour coded according to geological unit

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	0	3	0.01	0.01	0.4	0.04			Clay Gravel/Silt
DD017	3	8	0.01	0.01	0.3	0.37			Clay Gravel/Silt,gypsum bearing
DD017	8	10	0.01	0.01	0.85	0.03			Clay Gravel,Ferricrete
DD017	10	11	0.02	0.08	1.3	0.02			Weathered oxidised ,partially oxidised monzodiorite
DD017	11	12	0.03	0.33	3	0.04			Weathered oxidised ,partially oxidised monzodiorite
DD017	12	13	0.02	0.07	2.9	0.42			Weathered oxidised ,partially oxidised monzodiorite
DD017	13	14	0.02	0.15	1.6	0.59	0.5		Weathered oxidised ,partially oxidised monzodiorite
DD017	14	18	0.01	0.01	0.56	1.10	2		Weathered oxidised ,partially oxidised monzodiorite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	18	22	0.01	0.00	0.25	1.03	1		Fresh monzodiorite
DD017	22	23	0.02	1.87	0.6	1.27	1		Fresh monzodiorite
DD017	23	55	0.02	0.01	0.41	1.15	1		Fresh monzodiorite
DD017	55	56	0.04	0.14	1.4	1.64	1.5		Fresh monzodiorite
DD017	56	57	0.01	0.85	2.1	4.83	5		Fresh monzodiorite
DD017	57	60	0.01	0.01	0.55	0.76	0.5		Mafic monzodiorite porphyry
DD017	60	63	0.03	0.01	0.78	0.86	0.5		Latite Porophyry
DD017	63	68	0.03	0.01	0.75	0.55	1	0.1	Mafic monzodiorite
DD017	68	69	0.03	0.01	0.8	1.44	1.5		Diorite
DD017	69	70	0.16	0.05	3.4	1.19	1.5	0.2	Diorite
DD017	70	73	0.05	0.02	1.2	0.91	1	0.1	Diorite
DD017	73	104	0.01	0.01	0.41	0.42	0.5	0.05	Mafic monzodiorite
DD017	104	105	0.02	0.01	1.1	0.32	0.2	0.1	Diorite
DD017	105	106	0.06	0.08	1.9	0.73	0.3	0.1	Mafic monzodiorite
DD017	106	107	0.01	0.01	0.5	0.69	0.4		Diorite
DD017	107	108	0.01	0.00	0.25	0.28	1		Mafic monzodiorite
DD017	108	109	0.01	0.00	0.6	0.77	1		Diorite
DD017	109	110	0.02	1.04	1.1	1.07	1	0.1	Diorite, 5cm quartz-calcite-sulphide veins ,black sphalerite, pyrite, trace chalcopyrite and some specks of visible gold.
DD017	110	112	0.02	0.01	0.45	0.86	0.75	0.1	Diorite
DD017	112	113	0.01	0.17	0.7	0.74	0.5	0.1	Diorite
DD017	113	118	0.03	0.01	1.14	0.87	1	0.1	Diorite
DD017	118	120	0.00	0.00	0.47	0.11			Post Mineral andesite dyke
DD017	120	126	0.01	0.00	0.5	0.37	0.5		Mafic monzodiorite
DD017	126	131	0.04	0.02	1.56	1.46	2	0.1	Diorite
DD017	131	137	0.01	0.02	0.95	0.44	0.2	0.1	Bleached diorite porphyry
DD017	137	138	0.02	0.01	1.2	0.43	0.2	0.5	Mafic monzodiorite
DD017	138	139	0.06	0.95	3	1.24	1	0.2	Mafic monzodiorite
DD017	139	161	0.02	0.01	0.75	0.51	0.5	0.05	Mafic monzodiorite
DD017	161	162	0.02	0.07	1.9	0.81	1.2		Sericite pyrite altered monzodiorite
DD017	162	176	0.04	0.01	1.05	0.61	0.5	0.05	Monzodiorite
DD017	176	178	0.05	0.02	1.55	0.76	1	0.1	Mafic monzodiorite porphyry.Overall 1% pyrite , trace chalcopyrite
DD017	178	179	0.12	0.13	5.5	7.17	10	0.2	Micromonzodiorite porphyry.Overall 1%-5% pyrite as semi-massive veins.

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	179	181	0.01	0.00	0.7	0.99	1		**Mafic monzodiorite porphyry.Overall 1% pyrite , trace chalcopyrite**
DD017	181	183	0.13	0.06	7.45	2.78	6.5	0.5	**Mafic monzodiorite porphyry.Overall >5% pyrite , trace chalcopyrite**
DD017	183	186	0.06	0.01	2.5	0.84	1	0.1	**Mafic monzodiorite porphyry.Overall 1% pyrite , trace chalcopyrite**
DD017	186	189	0.03	0.07	2.23	4.39	7	0.1	**Mafic monzodiorite porphyry.Overall >5% pyrite , trace chalcopyrite**
DD017	189	192	0.04	0.01	1	1.37	2	0.05	**Mafic monzodiorite porphyry. 0.5%-2% pyrite, trace chalcopyrite..**
DD017	192	232	0.02	0.01	0.62	0.41	0.5	0.05	**Mafic monzodiorite porphyry. 0.5%-1% pyrite, trace chalcopyrite..**
DD017	232	236	0.11	0.04	2.62	1.60	2.5	0.2	**Sericite pyrite altered monzodiorite**
DD017	236	241	0.05	0.01	0.77	0.53	1	0.1	**Mafic monzodiorite porphyry. 0.5%-1% pyrite, trace chalcopyrite..**
DD017	242	243	0.11	0.02	9.6	1.36	2	0.2	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	243	244	0.10	0.03	1.8	1.00	2	0.2	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	244	245	0.15	0.03	2.3	0.66	2	0.5	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	245	246	0.11	0.04	1.8	2.52	3	0.5	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	246	247	0.86	0.16	11.7	7.23	10	2	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	247	248	0.11	0.02	1.3	0.59	0.5	0.5	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	248	249	0.06	0.30	1.4	2.10	3	0.2	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	249	250	0.25	0.12	5.7	2.25	3	1	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	250	251	0.07	0.19	4.7	1.18	1	0.1	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	251	254	0.05	0.03	2.47	0.73	0.5	0.2	Micromonzodiorite porphyry cut by quartz, calcite, pyrite, chalcopyrite sheeted veins
DD017	254	256	0.03	0.01	0.85	0.38	0.5		Post Mineral andesite dyke
DD017	256	257	0.05	0.02	1.9	1.21	1	0.2	Argillized sericite fault zone
DD017	257	258	0.05	0.01	1.3	1.27	1	0.1	**Calcite-quartz-sericite pyrite shear zone, fault breccia 1% pyrite**
DD017	258	261	0.06	0.02	0.93	1.19	1	0.1	Hornfels, intruded by micodiorite porphyry
DD017	261	262	0.20	0.03	2.2	1.16	1	0.2	Matrix Spported breccia
DD017	262	263	0.31	0.04	3	1.83	2	1	Sericite altered/argillized,hornfelsed siltstone intruded by porphyry
DD017	263	264	0.10	0.02	1.2	0.67	0.6	0.1	Sericite altered/argillized,hornfelsed siltstone intruded by porphyry
DD017	264	265	0.65	0.08	12.8	3.27	5	1.5	Sericite altered/argillized,hornfelsed siltstone intruded by porphyry
DD017	265	278	0.04	0.02	0.62	0.74	1	0.1	Hornfelsed siltstone
DD017	278	279	0.26	0.08	5.5	1.55	0.6		Hornfelsed siltstone
DD017	279	280	0.02	0.01	0.25	0.44	1		Hornfelsed siltstone
DD017	280	281	0.99	0.43	16.6	3.88	5	3	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	281	282	1.05	0.92	20.2	4.48	5	3.5	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	282	283	0.32	0.03	5.4	1.07	1.5	1.8	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	283	284	0.92	0.08	15.4	5.81	8	3	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	284	285	0.76	0.11	12.1	3.30	5	1.5	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	285	286	1.13	0.16	12.9	6.11	8	4.5	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	286	287	1.30	0.19	19.4	2.29	3	4	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	287	288	0.60	0.10	7.1	1.64	2	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	288	289	0.14	0.04	1.7	3.88	5	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	289	290	0.13	0.10	2	10.40	15	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	290	291	0.32	0.14	4.1	8.02	10	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	291	292	0.68	0.22	9.3	9.92	15	1.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	292	293	0.41	0.07	5.8	6.52	10	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	293	294	0.25	0.06	3.4	8.34	10	0.7	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	294	295	0.14	0.02	2.1	4.77	6	0.4	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	295	296	0.26	0.07	4.3	7.88	10	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	296	297	0.28	0.08	3.5	3.94	6	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	297	298	0.12	0.04	1.6	2.11	2.5	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	298	299	0.37	0.07	5	4.57	5	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	299	300	0.20	0.04	2.7	1.67	2.5	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	300	301	0.10	0.02	1.7	1.57	3.5	0.3	Argillized sericite altered diorite porphyry
DD017	301	302	0.18	0.43	6.2	4.01	5	0.3	Argillized sericite altered diorite porphyry
DD017	302	303	2.59	0.31	49.8	5.07	8	7	Hydrothermal breccia, infill quartz-calcite-hgh sulphide
DD017	303	304	2.61	0.44	47.1	7.12	10	7	Hydrothermal breccia, infill quartz-calcite-hgh sulphide
DD017	304	305	2.50	0.41	37.8	3.88	5	7	Hydrothermal breccia, infill quartz-calcite-hgh sulphide
DD017	305	306	2.67	1.08	42	5.10	8	7	Hydrothermal breccia, infill quartz-calcite-hgh sulphide
DD017	306	307	0.46	0.15	15.3	2.11	3	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	307	308	0.53	0.05	19.9	2.54	3	1.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	308	309	0.67	0.03	24.2	1.53	2	1.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	309	310	0.38	0.14	7.2	5.40	8	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	310	311	0.04	0.05	2.8	2.00	3	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	311	312	0.07	0.05	3.6	1.87	3		Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	312	313	0.06	0.02	2.1	2.34	4	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	313	314	0.08	0.06	2.9	1.60	2	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	314	315	0.07	5.91	9.9	11.23	15		Highly sulphidic vein breccia,
DD017	315	316	0.05	5.99	6.7	12.20	15	0.2	Highly sulphidic vein breccia,
DD017	316	317	0.01	2.40	4	7.90	10		Highly sulphidic vein breccia,& hydrothermal breccia
DD017	317	318	0.15	15.98	25.5	6.09	10	0.3	Highly sulphidic vein breccia,& hydrothermal breccia
DD017	318	319	0.23	0.67	7.2	8.74	12	0.8	Highly sulphidic vein breccia,& hydrothermal breccia
DD017	319	320	0.45	6.17	24.2	9.47	12	1.5	Highly sulphidic vein breccia,& hydrothermal breccia
DD017	320	321	0.30	0.13	9.3	7.67	10	1.5	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	321	322	1.03	0.16	19.9	9.32	12	3	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	322	323	1.02	0.20	27.6	8.23	10	3	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	323	324	0.88	0.51	22.2	6.73	10	3	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	324	325	0.01	0.54	1.3	0.71	1.5		Andesite and Breccia
DD017	325	328	0.00	0.03	0.25	0.11			Post Mineral andesite dyke
DD017	328	329	0.40	0.05	5.3	1.24	1	1	Andesite and Breccia
DD017	329	330	1.31	0.24	19.1	6.99	10	4	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	330	331	1.28	0.28	19.5	7.32	10	4	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	331	332	3.89	2.68	68.2	11.98	15	10	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	332	333	0.37	0.38	30.2	4.67	5	1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	333	334	0.03	0.02	0.3	0.18	0.2	0.1	Argillized sericite altered diorite porphyry
DD017	334	335	0.21	0.05	2.5	3.58	5	0.5	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	335	336	0.71	0.07	7.7	3.63	5	2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	336	337	1.11	0.19	13.8	7.54	10	3	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	337	338	0.10	0.03	1.6	1.45	1.5	0.4	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	338	339	0.20	1.07	11.5	1.76	1	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	339	340	0.02	0.01	1	1.09	1		Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	340	341	0.11	0.02	1.6	0.84	2		Argillized sericite altered diorite porphyry
DD017	341	342	1.05	0.18	15.6	4.91	8	3.5	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	342	343	0.45	0.07	5.2	6.22	10	1.2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	343	344	0.04	0.01	0.5	2.37	3		Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	344	345	0.08	0.01	1.5	2.57	4	0.2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	345	346	0.57	0.14	13.3	8.80	10	2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	346	347	0.43	0.06	6.2	5.34	8	1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	347	348	0.41	0.07	5.6	6.60	8	1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	348	349	0.11	0.10	3.3	13.67	15	0.4	Semi-massive sulphide and infill sulphidic breccia, possible feeder
DD017	349	350	0.18	0.03	2.2	11.44	15	0.3	Semi-massive sulphide and infill sulphidic breccia, possible feeder

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	350	351	0.17	0.05	2.5	3.95	5	0.3	Semi-massive sulphide and infill sulphidic breccia, possible feeder
DD017	351	353	0.02	0.01	0.25	0.89	0.9		Equigranular monzonite, minor thin 2mm quartz-sulphide veins
DD017	353	354	0.08	0.04	2.5	3.92	5	0.5	Equigranular monzonite, minor thin 2mm quartz-sulphide veins 0.5% chalcopyrite, 2% pyrite.
DD017	354	355	0.16	0.02	2.8	3.77	5	1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	355	356	0.07	0.01	1.2	1.14	2	0.5	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	356	357	1.32	0.47	64.2	6.03	8	3	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	357	358	0.36	0.12	7.3	6.52	10	1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	358	359	0.76	0.18	7.8	7.33	10	2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	359	360	0.66	0.09	8.6	4.37	5	2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	360	361	1.55	0.27	8.8	6.04	10	4	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	361	362	0.71	0.08	5.8	3.78	5	2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	362	363	1.09	0.31	15.9	9.23	12	3	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	363	364	2.60	0.53	28.3	11.49	15	5	Semi-massive sulphide and infill sulphidic breccia, possible feeder
DD017	364	365	1.43	0.24	14.1	5.40	8	4	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	365	366	1.28	0.29	14.3	6.53	8	4	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	366	367	1.34	2.25	12.5	4.52	5	4	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	367	368	1.87	0.22	19	3.92	5	5	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	368	369	1.01	0.10	9.3	6.75	8	3	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	369	370	1.52	0.30	10.8	2.53	3	4	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	370	371	0.01	0.00	0.3	0.08			Post Mineral andesite dyke
DD017	371	372	1.77	0.32	16.9	2.76	1	5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	372	373	1.90	0.36	16.6	5.26	5	5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	373	374	1.08	0.23	11.5	5.81	5	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	374	375	1.00	0.23	9.2	1.74	3	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	375	376	0.58	0.14	4.8	1.57	2	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	376	377	0.86	0.07	8.6	2.43	2	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	377	378	1.77	0.24	18.1	5.39	5	5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	378	379	0.79	0.22	9.4	3.51	5	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	379	380	0.29	0.03	2.7	3.97	5	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	380	381	0.29	0.08	2.9	2.62	3	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	381	382	0.21	0.07	2.9	3.21	4	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	382	383	0.52	0.11	8.7	2.42	3	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	383	384	0.66	0.12	6.7	5.70	5	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	384	385	0.65	0.15	6.5	2.06	3	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	385	386	0.36	0.04	3.3	3.34	3	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	386	387	0.63	0.10	5.5	2.26	2	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	387	388	1.80	0.14	16.1	2.91	5	5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	388	389	0.46	0.05	4.3	2.82	3	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	389	390	0.75	0.12	8.1	2.03	2	4	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	390	391	1.42	0.20	14.4	3.18	3	4	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	391	392	0.52	0.10	7.6	2.26	1.5	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	392	393	1.67	0.36	17.8	4.12	5	4	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	393	394	0.88	0.18	11.9	3.22	4	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	394	395	0.67	0.13	8.1	1.79	2	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	395	396	0.24	0.04	1.9	0.42		0.5	Andesite and Breccia
DD017	396	399	0.01	0.00	0.25	0.06			Post Mineral andesite dyke
DD017	399	400	1.97	0.35	23.3	2.60	2	5	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	400	401	0.04	0.07	0.25	0.30			Post Mineral andesite dyke
DD017	401	402	0.16	0.01	1.8	0.80	1	0.5	Post Mineral andesite dyke
DD017	402	403	1.17	0.21	11.1	1.66	1	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	403	404	0.80	0.27	8.3	1.11	1	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	404	405	2.19	0.42	22.8	2.62	3	5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	405	406	0.29	0.04	3.1	0.99	1	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	406	407	2.09	0.47	25.8	4.88	5	5	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	407	408	0.03	0.06	0.7	0.87	0.1		Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	408	409	0.07	0.01	1.4	0.41			Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	409	410	0.03	0.00	0.3	0.22	0.5		Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	410	411	0.73	0.20	8.3	4.86	5	2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	411	412	0.30	0.07	4.9	1.41	2	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	412	413	0.16	0.01	2.7	1.47	1	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	413	414	0.06	0.01	0.7	0.60	0.5	0.25	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	414	415	0.23	0.04	2	1.97	3	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	415	416	0.10	0.07	1.2	1.31	3	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	416	417	0.04	0.01	0.5	1.36	3	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	417	418	0.45	0.14	3.5	1.26	2	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	418	419	0.36	0.20	4.8	1.96	3	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	419	420	0.31	0.02	2.5	2.06	3	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	420	421	0.11	0.00	0.8	0.32	1	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	421	422	0.07	0.03	0.8	2.33	2	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	422	423	0.11	0.02	1.5	1.87	2	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	423	424	0.11	0.03	0.25	0.34	1	0.2	Biotite hornfels
DD017	424	426	0.02	0.01	0.25	0.44	1	0.2	Biotite hornfels
DD017	426	427	0.08	0.02	1.2	1.96	1	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	427	428	0.20	0.03	2.3	1.41	2	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	428	429	0.16	0.04	2.2	0.94	1	0.6	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	429	430	0.38	0.14	7.3	2.41	2	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	430	436	0.07	0.02	1.55	1.45	1	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	436	437	0.08	0.01	1.1	0.96	2	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	437	438	0.06	0.03	5.4	5.05	5	0.2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite
DD017	454	471	0.01	0.01	0.65	4.50	7		Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite
DD017	471	478	0.04	0.02	1.7	2.23	4	0.2	Argillized sericite fault zone

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	478	480	0.03	0.02	0.25	0.98	1	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	480	481	0.10	0.01	1.1	2.58	2	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	481	482	0.27	0.01	2	1.49	3	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	482	483	0.02	0.01	0.3	2.26	3	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	483	484	0.11	0.00	1.7	1.03	2	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	484	485	0.09	0.02	1.9	2.96	3	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	485	486	0.12	0.10	5.3	3.62	5	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	486	487	0.13	0.03	26.1	3.73	5	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	487	491	0.03	0.01	0.43	0.82	2	0.05	Patchy sericite altered hornfels
DD017	491	492	0.19	0.04	1.8	2.10	3	0.5	Patchy sericite altered hornfels
DD017	492	494	0.08	0.03	0.55	2.92	5	0.2	Epidote, magnetite quartz pyrite skarn
DD017	494	509	0.03	0.02	0.39	1.11	2	0.05	Hornfelsed siltstone & feldspathic sandstone
DD017	509	510	0.10	0.25	5.1	0.91	1.5	0.2	Bleached sericite, altered porphyry diorite .
DD017	510	511	0.23	0.30	9	1.38	1	1	Bleached sericite, altered porphyry diorite .
DD017	511	512	0.28	0.11	3.2	5.01	8	1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite
DD017	512	513	0.54	0.19	6	2.66	3	1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite
DD017	513	514	0.97	0.10	5.6	3.64	5	2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite
DD017	514	515	0.03	0.03	0.25	3.91	5	0.1	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite
DD017	515	516	0.03	0.02	0.25	3.15	5	0.2	Highly sulphidic hydrothermal breccia, Infill quartz calcite,pyrite
DD017	516	517	0.21	0.01	2.9	1.01	5	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	517	518	0.16	0.02	3	1.27	3	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	518	519	0.17	0.02	1.4	1.01	3	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	519	520	1.18	0.10	5.7	2.03	3	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	520	521	0.53	0.16	30.3	2.90	5	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	521	522	0.48	0.04	3.8	1.26	2	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	522	523	0.26	0.04	13.9	1.35	1.5	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	523	525	0.05	0.02	1.4	0.84	1	0.1	Argillized sericite altered diorite porphyry
DD017	525	526	0.14	0.05	5.7	2.28	2	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	526	531	0.04	0.01	1.13	2.13	4	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	531	532	0.10	0.00	5.3	0.47	0.5	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	532	533	0.01	0.00	0.25	0.45	0.5		Hydrothermal Breccia, Infill quartz calcite,pyrite
DD017	533	536	0.03	0.02	0.98	3.02	4	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	536	539	0.01	0.00	0.25	0.16	0.2		Post Mineral andesite dyke
DD017	539	542	0.13	0.02	3.5	1.58	3	0.2	Argillized sericite altered diorite porphyry
DD017	542	543	0.10	0.04	0.9	2.93	3	0.3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	543	546	0.03	0.01	0.25	0.73	2	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	546	549	0.01	0.01	0.25	0.17			Post Mineral andesite dyke
DD017	549	550	0.44	0.05	5.6	0.97	2	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	550	551	0.06	0.01	1.1	4.28	5	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	551	555	0.02	0.01	0.34	0.96	2	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	555	556	0.01	0.00	0.25	0.39	0.5	0.1	Post Mineral andesite dyke

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	556	557	0.17	0.05	1.7	0.97	0.5	0.1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	557	558	0.49	0.15	5.9	3.42	5	1.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	558	559	1.18	0.23	5.6	6.69	8	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	559	560	1.59	0.11	9.7	1.90	2	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	560	561	0.10	0.01	0.8	0.43	1	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	561	562	0.67	0.08	5.7	1.09	2	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	562	563	0.65	0.21	14.8	3.92	5	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	563	564	0.87	0.21	10.1	2.07	3	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	564	565	0.97	0.12	11.3	3.16	5	3	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	565	566	0.18	0.02	4.3	2.57	3	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	566	567	0.57	0.12	24.4	3.49	5	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	567	568	0.43	0.10	10.3	1.15	1.5	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	568	569	0.17	0.30	6.1	1.55	3	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	569	572	0.03	0.01	0.93	0.28	0.3	0.1	Post Mineral andesite dyke
DD017	572	573	0.04	0.01	0.7	1.61	3	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	573	574	0.06	0.02	1.6	2.13	3	0.2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	574	575	0.21	0.05	6.9	0.75	3	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	575	576	0.69	0.20	22.2	3.24	5	2	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	576	577	0.33	0.05	4.6	1.21	5	1	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite
DD017	577	578	0.17	0.03	8	2.00	2	0.5	Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	578	579	0.19	0.06	7	2.29	3	0.5	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	579	589	0.04	0.01	1.34	1.75	3	0.2	**Hydrothermal Breccia, Infill quartz calcite,pyrite ,chalcopyrite**
DD017	589	591	0.02	0.01	0.8	0.65	1	0.1	Argillized sericite fault zone
DD017	591	592	0.02	0.12	2	1.18	3	0.1	Argillized sericite fault zone
DD017	592	611	0.02	0.02	0.36	1.31	2	0.1	Sericite altered hornfels
DD017	611	615	0.10	0.02	0.7	2.28	3	0.2	Skarnified, calcereous tuffaceous/volcanic breccia
DD017	615	616	0.05	0.18	0.9	1.58	2		Skarnified, calcereous tuffaceous/volcanic breccia
DD017	616	618	0.06	0.02	0.6	1.43	1	0.1	Sericite altered hornfels
DD017	618	619	0.02	0.10	0.9	1.06	2		Sericite altered hornfels
DD017	619	620	0.03	0.44	1	1.68	2	0.1	Sericite altered hornfels
DD017	620	621	0.04	0.08	1.4	1.59	1	0.1	Sericite altered hornfels
DD017	621	622	0.05	0.24	1.2	2.77	5	0.3	Sericite altered hornfels
DD017	622	623	0.11	0.03	0.9	2.12	2	0.2	Skarnified, calcereous tuffaceous/volcanic breccia
DD017	623	624	0.02	0.36	1.3	4.16	5		Skarnified, calcereous tuffaceous/volcanic breccia
DD017	624	625	0.03	0.61	2.7	2.35	3	0.2	Sericite altered close packed clast supported breccia.
DD017	625	626	0.02	0.01	0.5	0.83	2	0.2	Sericite altered close packed clast supported breccia.
DD017	626	627	0.01	0.04	0.25	1.16	3	0.2	Sericite altered close packed clast supported breccia.
DD017	627	628	0.07	1.17	2.4	3.84	5	0.2	Sericite altered close packed clast supported breccia.
DD017	628	629	0.00	0.01	0.3	2.26	3	0.1	Sericite altered close packed clast supported breccia.
DD017	629	630	0.00	0.00	0.25	1.55	3		Sericite altered close packed clast supported breccia.
DD017	630	631	0.00	0.03	0.25	1.30	1		Sericite altered close packed clast supported breccia.
DD017	631	632	0.03	0.90	1.1	1.85	2	0.1	Sericite altered close packed clast supported breccia.
DD017	632	636	0.01	0.01	0.39	1.20	2	0.2	Sericite altered close packed clast supported breccia.
DD017	636	638	0.00	0.00	0.25	0.16	0.5		**Post Mineral andesite dyke**

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	638	639	0.02	0.22	2.7	2.36	4	0.2	Sericite altered close packed clast supported breccia.
DD017	639	645	0.02	0.02	0.4	2.64	5	0.1	Sericite altered close packed pyritic clast supported breccia.
DD017	645	648	0.01	0.00	0.25	0.10			**Post Mineral andesite dyke**
DD017	648	649	0.01	0.04	0.25	0.99	1		**Post Mineral andesite dyke**
DD017	649	655	0.01	0.01	0.46	2.40	3		Sericite altered close packed clast supported breccia.
DD017	655	656	0.01	0.03	0.7	1.53	3	0.2	**Matrix supported sericitic sulphidic breccia. Pyrite 5%.**
DD017	656	657	0.02	0.16	5.6	1.23	3	0.1	**Probable Post Mineral andesite dyke**
DD017	657	658	0.02	0.02	0.6	0.95	3	0.1	Sericite altered close packed clast supported breccia.
DD017	658	666	0.02	0.02	1.11	2.87	5	0.1	Sericite altered close packed, pyritic clast supported breccia.
DD017	666	668	0.08	0.07	2.2	2.10	3	0.1	Argillized sericite fault zone
DD017	668	680	0.01	0.01	0.33	1.71	3	0.05	Sericite altered close packed clast supported breccia.
DD017	680	681	0.01	0.03	0.25	0.83	2	0.1	**Post Mineral andesite dyke**
DD017	681	682	0.05	0.12	4.6	2.35	4	0.1	Sericite altered close packed clast supported breccia.
DD017	682	683	0.04	0.01	3.6	0.67	2	0.3	Sericite altered close packed clast supported breccia.
DD017	683	684	0.00	0.01	0.6	1.12	3		Sericite altered close packed clast supported breccia.
DD017	684	685	0.22	1.66	24.8	3.03	5	0.5	Sericite altered close packed, pyritic clast supported breccia.
DD017	685	686	0.01	0.29	0.8	1.27	3		Sericite altered close packed, pyritic clast supported breccia.
DD017	686	687	0.07	1.30	6.2	3.38	5	0.5	Sericite altered close packed, pyritic clast supported breccia.
DD017	687	691	0.00	0.02	0.34	3.78	5	0.05	Sericite altered close packed, pyritic clast supported breccia.
DD017	691	698	0.00	0.01	0.25	1.82	3	0.05	Sericite altered close packed, pyritic clast supported breccia.
DD017	698	700	0.00	0.01	0.25	3.81	7	0.05	Sericite altered close packed, pyritic clast supported breccia.
DD017	700	704	0.00	0.01	0.25	1.78	3	0.05	Sericite altered close packed clast supported breccia.

22CAE#	From Depth m	To Depth m	Lab Cu %	Lab Au g/t	Lab Ag g/t	Lab Sulphur%	Pyrite Visual %	Chalcopyrite Visual %	Lithology
DD017	704	708	0.00	0.00	0.25	0.57	1	0.05	**Monzodiorite porphyry**
DD017	708	709	0.00	0.00	0.25	1.22	1		Sericite altered close packed clast supported breccia.
DD017	709	711	0.00	0.00	0.25	3.38	4		Sericite altered close packed, pyritic clast supported breccia.
DD017	711	712	0.00	0.01	0.25	6.46	10	0.1	Highly sulphidic sericite altered close packed, clast supported breccia.
DD017	712	716	0.00	0.01	0.25	3.12	4		Sericite altered close packed, pyritic clast supported breccia.
DD017	716	717	0.00	0.02	0.25	10.96	15	0.1	Highly sulphidic sericite altered close packed, clast supported breccia.
DD017	717	719	0.00	0.01	0.25	2.39	4		Sericite altered close packed, pyritic clast supported breccia.
DD017	719	726	0.00	0.01	0.25	1.74	3	0.1	Sericite altered close packed clast supported breccia.
DD017	726	727	0.00	0.01	0.7	7.07	10	0.1	Highly sulphidic sericite altered close packed, clast supported breccia.
DD017	727	728	0.12	0.39	14.8	3.05	5	0.3	Sericite altered close packed, pyritic clast supported breccia.
DD017	728	730	0.00	0.01	0.25	2.45	5	0.1	Sericite altered close packed, pyritic clast supported breccia.
DD017	730	734	0.00	0.01	0.25	2.37	4		**Clast supported polymict breccia with chlorite matrix**
DD017	734	735	0.00	0.02	0.25	1.04	2		**Post Mineral andesite dyke**
DD017	735	736	0.00	0.00	0.25	1.87	5		**Clast supported polymict breccia with chlorite matrix**
DD017	736	745	0.00	0.01	0.25	2.14	4	0.05	Sericite altered close packed, pyritic clast supported breccia.
DD017	745	748	0.01	0.00	0.25	2.19	4		**Clast supported polymict breccia with chlorite matrix**
DD017	748	751	0.03	0.02	0.25	1.00	1.5	0.2	Sericite-pyrite altered and stockwork veined tuffaceous siltstone/sandstone.
DD017	751	759	0.07	0.02	0.45	2.27	3	0.2	Lithic tuff ,volcaniclastic interlayered with hornfelsed siltstone.
DD017	759	764	0.03	0.01	0.25	2.10	3	0.1	**Pyritic andesite porphyry**
DD017	765	768.5	0.02	0.03	0.31	1.38	1.75	0.05	Hornfelsed siltstone. Porphyry, Vein fracture network of quartz, minor pyrite.

Appendix 2: JORC Table 1. Section 1: Sampling Techniques and Data

Criteria	Explanation	Commentary
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.) These examples should not be taken as limiting the broad meaning of sampling.* *Include reference to measures taken to ensure sampling representivity and the appropriate calibration of any measurement tools or systems used.*	. Sampling results are based on sawn half core samples of both PQ ,HQ and NQ diameter diamond drill core. An orientation line was marked along all core sections. One side of the core was consistently sent for analysis and the other side was consistently retained for archive purposes. The orientation line was consistently preserved.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1m samples from which 3kg was pulverised to produce a 30g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	Half core samples were sawn up on a diamond saw on a metre basis for HQ,NQ diameter core and a 0.5m basis for PQ diameter core. Samples were forwarded to commercial NATA standard laboratories for crushing, splitting and grinding ,Laboratory used in this instance is Intertek Genalysis , Townsville. Analytical sample size was in the order of 2.5kg to 3kg.
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.)*	Drill type is diamond core. Core diameter at top of hole is PQ, below 30m core diameter is HQ and NQ.Triple tube methodology was deployed for PQ & HQ, which resulted in excellent core recovery throughout the hole.Core was oriented , utilizing an Ace Orientaion equipment and rigorously supervised by on-site geologist.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	Core recovery was recorded for all drill runs and documented in a Geotechnical log. The Triple Tube technology and procedure ensured core recoveries were excellent throughout the hole.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Triple tube methodology ensure excellent core recoveries. Core was marked up in metre lengths and reconciled with drillers core blocks. An orientation line was drawn on the core . Core sampling was undertaken by an experienced operator who ensured that half core was sawn up with one side consistently sent for analysis and the other side was consistently retained for archive purposes. The

Criteria	Explanation	Commentary
		orientation line was consistently preserved.
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	Core recoveries were good. An unbiased , consistent half core section was submitted for the entire hole, on the basis of continuous 1m sampling.The entire half core section was crushed at the lab and then split , The representative subsample was then fine ground and a representative unbiased sample was extracted for further analysis.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies*	Geological logging was carried out by well-trained/experienced geologist and data entered via a well-developed logging system designed to capture descriptive geology, coded geology and quantifiable geology. All logs were checked for consistency by the Principal Geologist. Data captured through Excel spread sheets and Explorer 3 Relational Data Base Management System. A geotechnical log was prepared.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel etc.) photography.	Logging was qualitative in nature. A detailed log was described on the basis of visual observations. A comprehensive Core photograph catalogue was completed with full core dry, full core wet and half core wet photos taken of all core.
	The total length and percentage of the relevant intersections logged.	The entire length of all drill holes has been geologically logged.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	Half core samples were sawn up on a diamond saw on a metre basis for HQ, NQ diameter core and a 0.5m basis for PQ diameter core. . .
	If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	All sampling was of diamond core
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	The above techniques are considered to be of a high quality, and appropriate for the nature of mineralisation anticipated.
	Quality control procedures adopted for all sub-sampling stages to maximise representativity of samples.	QA/QC protocols were instigated such that they conform to mineral industry standards and are compliant with the JORC code. Terra Search's input into the Quality Assurance (QA) process with respect to chemical analysis of mineral exploration diamond core samples includes the addition of both coarse blanks, Certified pulped Blanks, Certified and Internal matrix matched standards to each batch so that checks can be done after they are analysed. As part of the Quality Control (QC) process, Terra Search checks the resultant assay data against known or previously determined assays to determine the quality of the analysed batch of samples. An assessment is made on

Criteria	Explanation	Commentary
		the data and a report on the quality of the data is compiled.
	Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.	The lab results are checked against visual estimations and PXRF sampling of sludge and coarse crush material.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The standard 2kg -5kg sample is more than appropriate for the grainsize of the rock-types and sulphide grainsize. The sample sizes are considered to be appropriate to represent the style of the mineralisation, the thickness and consistency of the intersections.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	After crushing splitting and grinding at Intertek/Genalysis lab Townsville samples were assayed for gold using the 50g fire assay method The primary assay method used is designed to measure both the total gold in the sample as per classic fire assay. The total amount of economic metals tied up in sulphides and oxides such as Cu, Pb, Zn, Ag, As, Mo, Bi,S is captured by the 4 acid digest method ICP finish. This is regarded as a total digest method and is checked against QA-QC procedures which also employ these total techniques. Major elements which are present in silicates, such as K, Ca, Fe, Ti, Al, Mg are also digested by the 4 acid digest Total method. The techniques are considered to be entirely appropriate for the porphyry, skarn and vein style deposits in the area. The economically important elements in these deposits are contained in sulphides which is liberated by 4 acid digest, all gold is determined with a classic fire assay.
	For geophysical tools, spectrometers, handheld XRF instruments, etc. the parameters used in determining the analysis including instrument make and model, reading times, calibration factors applied and their derivation, etc.	Magnetic susceptibility measurements utilizing Exploranium KT10 instrument, zeroed between each measurement. No PXRF results are reported here. although PXRF analysis has been utilized to provide multi-element data for the prospect and will be reported separately. The lab pulps are considered more than appropriate samples for this purpose. PXRF Analysis is carried out in an air-conditioned controlled environment in Terra Search offices in Townsville. The instrument used was Terra Search's portable Niton XRF analyser (Niton 'trugeo' analytical mode) analysing for a suite of 40 major and minor elements. in. The PXRF equipment is set up on a bench and the sub-sample (loose powder in a thin clear plastic freezer bag) is placed in a

Criteria	Explanation	Commentary
		lead-lined stand. An internal detector autocalibrates the portable machine, and Terra Search standard practice is to instigate recalibration of the equipment every 2 to 3 hours. Readings are undertaken for 60 seconds on a circular area of approximately 1cm diameter. A higher number of measurements are taken from the centre of the circle and decreasing outwards. PXRF measures total concentration of particular elements in the sample. Reading of the X-Ray spectra is effected by interferences between different elements. The matrix of the sample eg iron content has to be taken into account when interpreting the spectra. The reliability and accuracy of the PXRF results are checked regularly by reference to known standards. There are some known interferences relevant to particular elements eg W & Au; Th & Bi, Fe & Co. Awareness of these interferences is taken into account when assessing the results.
	Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	QAQC samples are monitored on a batch-by-batch basis, Terra Search has well established sampling protocols including blanks (both coarse & pulped), certified reference material (CRM standards) , and in-house standards which are matrix matched against the samples in the program. Terra Search quality control included determinations on certified OREAS samples and analyses on duplicate samples interspersed at regular intervals through the sample suite of both the commercial laboratory batch. .Standards were checked and found to be within acceptable tolerances. Laboratory assay results for these quality control samples are within 5% of accepted values.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Significant intersections were verified by Terra Search Pty Ltd, geological consultants who geologically supervised the drilling. Validation is checked by comparing assay results with logged mineralogy eg sulphide material in relation to copper and gold gradse.
	The use of twinned holes.	There has been little direct twinning of holes, the hole reported here pass close to earlier drill holes , assay results and geology and assay results are entirely consisted with previous results. .
	Documentation of primary data, data entry procedures, data verifications, data storage (physical and electronic) protocols.	Data is collected by qualified geologists and experienced field assistants and entered into excel spreadsheets.

Criteria	Explanation	Commentary
		Data is imported into database tables from the Excel spreadsheets with validation checks set on different fields. Data is then checked thoroughly by the Operations Geologist for errors. Accuracy of drilling data is then validated when imported into MapInfo. Location and analysis data are then collated into a single Excel spreadsheet. Data is stored on servers in the Consultants office and also with CAE. There have been regular backups and archival copies of the database made. Data is also stored at Terra Search's Townsville Office. Data is validated by long-standing procedures within Excel Spreadsheets and Explorer 3 data base and spatially validated within MapInfo GIS.
	Discuss any adjustment to assay data.	No adjustments are made to the Commercial lab assay data. Data is imported into the database in its original raw format.
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	Collar location information was originally collected with a Garmin 76 hand held GPS. X-Y accuracy is estimated at 3-5m, whereas height is +/- 10m.Coordinates have been reassessed with DGPS, Accuracy is sub 0.5m in X,Y,Z. Down hole surveys were conducted on all holes using a Reflex downhole digital camera . Surveys were generally taken every 30m downhole , dip, magnetic azimuth and magnetic field were recorded.
	Specification of the grid system used.	Coordinate system is UTM Zone 55 (MGA) and datum is GDA94
	Quality and adequacy of topographic control.	Pre-existing DTM is high quality and available.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	At the Mt Cannindah mine area previous drilling program total over 100 deep diamond and Reverse Circulation percussion holes.. Almost all have been drilled in 25m to 50m spaced fences , from west to east, variously positioned over a strike length of 350m and a cross strike width of at least 500m.. Down hole sample spacing is in the order of 1m to 2m which is entirely appropriate for the style of the deposit and sampling procedures.
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	Previous resource estimates on Mt Cannindah include Golders 2008 for Queensland Ores and Helman & Schofield 2012 for Drummond Gold. Both these estimates utilised 25m to 50m fences of west to east drillholes, but expressed concerns regarding confidence in assay continuity both between 50m sections and

Criteria	Explanation	Commentary
		between holes within the plane of the cross sections. The hole reported here addresses some of the concerns about grade continuity, by linking mineralisation from section to section and also in the plane of the cross sections. Further drilling is necessary to enhance and fine tune the previous Mineral Resource. estimates at Mt Cannindah and lift the category from Inferred to Indicated and Measured and compliant with JORC 2012. .
	Whether sample compositing has been applied.	No sample compositing has been applied, Almost all sampling is of 1m downhole samples of half core..
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	The main objective of hole 22CAEDD017 reported here was to drill from north east to south west. CAE hole #17 was drilled from the north of the prospect to obtain thickness and grade of the mineralised breccia previously located blind under diorite . The overall geological interpretation at Mt Cannindah, built up from the CAE holes and historical drilling, is of a steeply west dipping, roughly north south oriented, tabular body of breccia, bounded on the east by hornfels and on the west by diorite and wedges of hornfels. CAE Hole #17 followed up on CAE Hole #16 as the second of CAE's holes to be drilled from the north of the prospect to the south, CAE Hole # 17 drilled north to south effectively at right angles to historical drilling at Mt Cannindah. The drill direction of CAE hole #17 is particularly appropriate for east-west striking structures and geological features. Follow up results from CAE holes # 16 and also Hole # 17 show that the east – west trending andesite dykes encountered in CAE hole # 15 are thin (mostly less than 5m true thickness) and although disruptive of the mineralised breccia in this hole ,do not materially appear to stope out significant volumes of potential ore at Cannindah, Structural measurements on mineralised, often high grade veins and sulphidic zones have also been shown to be east-west and the southerly drill direction of CAE Hole #17 is entirely appropriate to test these structures. . Historical and CAE drill results show that there are several orientations of mineralized zones , breccia bodies and pre and post mineral dykes . The most common orientations are broadly east

Criteria	Explanation	Commentary
		west, and north south . In this regard, geological consultants Terra Search have planned drill holes of various orientations to target the known range of orientations observed and measured in the mineralised structures and breccia bodies.
	If the relationship between drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	The Infill breccia is massive textured , recent interpretation suggests the clasts may have an imbrication or preferred orientation, that is gently to moderately dipping to the east or south east. The overall orientation of the Mt Cannindah breccia sheet is steeply dipping to the west , although the bounding structures are uncertain. CAE Hole # 17 was drilled in a southerly direction, at right angles to east west holes like Hole # 15. One of the key aims of Hole # 17 was to determine the true thickness of mineralised east west structures. A further objective was to help determine grade continuity along the north east to south west trend within the breccia zone . No sampling bias is evident in the logging, or the presentation of results on drill cross and long sections. Steep structures are evident and with steep inclined holes these are cut at oblique angles. The breccia zone at Mt Cannindah is of sufficient width and depth that drillhole 22CAEDD017 provides valuable unbiased information concerning grade continuity of the breccia body. The complete geometry of the breccia body is unknown at this stage. Similarly, vein structures have several orientations and only in certain instances is it evident that vein orientations have introduced a sampling bias. These are well documented with oriented core. Historicall most holes at Mt Cannindah have been drilled from west to east . These can be severely hampered when encountering the similar parallel direction of east west post mineral andesite dykes. This situation was evident in CAE hole # 15 which drilled down an east west dyke for a lot of its length. This relationship did demonstrate that following the historical drill pattern at Mt Cannindah does not necessarily lead to optimum results. Analysis of these geological relationships has led geological consultants Terra Search to design drill directions both 180 degrees and 90 degrees contrary to the historical direction. This drill pattern has produced outstanding results , leading to drill intersections of considerable grade and length. From preliminary investigation

Criteria	Explanation	Commentary
		of the grade model It is anticipated that there is little overall evidence of any sampling bias in the CAE drilling at Mt Cannindah.
Sample security	*The measures taken to ensure sample security.*	Chain of custody was managed by Terra Search Pty Ltd. Core trays were freighted in sealed & strapped pallets from Monto were they were dispatched by Terra Search . The core was processed and sawn in Terra Search's Townsville facilities and half core samples were delivered by Terra Search to Intertek/Genalysis laboratory Townsville lab.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	There have been numerous independent reviews carried out on the Mt Cannindah project. reviewing sampling, data sets, geological controls, the most notable ones are Newcrest circa 1996; Coolgardie Gold1999; Queensland Ores 2008;Metallica ,2008; Drummond Gold, 2011; CAE 2014.

APPENDIX 2 – JORC Code Table 2

Section 2: Reporting of Exploration Results

Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national and environmental settings.*	Exploration conducted on MLs 2301, 2302, 2303, 2304, 2307, 2308, 2309, EPM 14524, and EPM 15261. 100% owned by Cannindah Resources Pty Ltd. The MLs were acquired in 2002 by Queensland Ores Limited (QOL), a precursor company to Cannindah Resources Limited. QOL acquired the Cannindah Mining Leases from the previous owners, Newcrest and MIM, As part of the purchase arrangement a 1.5% net smelter return (NSR) royalty on any production is payable to MIM/Newcrest and will be shared 40% by MIM and 60% by Newcrest. An access agreement with the current landholders in in place.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.	No impediments to operate are known.
Exploration done by other parties	*Acknowledgement and appraisal of exploration by other parties.*	Previous exploration has been conducted by multiple companies. Data used for evaluating the Mt Cannindah project include : Drilling & geology, surface sampling by MIM (1970 onwards) drilling data Astrik (1987), Drill,Soil, IP & ground magnetics and geology data collected by Newcrest (1994-1996), rock chips

		collected by Dominion (1992),. Drilling data collected by Coolgardie Gold (1999), Queensland Ores (2008-2011), Planet Metals-Drummond Gold (2011-2013) . Since 2014 Terra Search Pty Ltd, Townsville QLD has provided geological consultant support to Cannindah Resources.
Geology	*Deposit type, geological setting and style of mineralisation.*	Breccia and porphyry intrusive related Cu-Au-Ag-Mo , base metal skarns and shear hosted Au bearing quartz veins occur adjacent to a Cu-Mo porphyry.
Drill hole information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *Easting and northing of the drill hole collar* • *Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *Dip and azimuth of the hole* • *Down hole length and interception depth* • *Hole length* *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	A major drill data base exists for the Mt Cannindah district amounting to over 400 holes. Selected Cu and Au down hole intervals of interest have been listed in CAE's ASX announcement, March,2021.
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.*	The standard for reporting of high grade Cu zones in hole 22CAEDD017 reported here is an intersection grade of 0.5% Cu equivalent, allowing for 5m of internal waste.. The standard cut-off for reporting of total aggregate Cu mineralized zones is 0.15% CuEq% allowing for 15m of internal waste. No cut-offs have been routinely applied in reporting of the historical drill results .
	Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations be shown in detail	The Cu-Au-Ag breccia style mineralisation at Mt Cannindah is developed over considerable downhole lengths. The breccia is generally mineralised, although copper grade and sulphide content is variable. In addition pre and post mineral dykes and intrusive bodies can mask the mineralisation .Down hole Cu-Au-Ag intercepts have been quoted both as a semi-continuous, aggregated down hole interval and also as tighter higher grade Cu-Au-Ag sections. In addition, historical results have been reported in the aggregated form displayed in the ASX Announcement for CAE , March,2021, many times previously. There are some zones of high grade which can influence the longer intercepts, All results are reported as down hole plotted 1m half core

		sampling intervals or tabulated with lower grade zones clearly noted. Aggregation of the longer intercepts at Mt Cannindah is advantageous for analysis and comparison of historical and recently collected drill data.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	A copper equivalent has been used to report the wider copper bearing intercepts that carry Au and Ag credits with copper being dominant. Previous holders have undertaken preliminary metallurgical test work. We have confidence that existing metallurgical processes would recover copper, gold and silver from Mt Cannindah. We have confidence that the Mt Cannindah ores are amenable to metallurgical treatments that result in equal recoveries. This confidence is reinforced by some preliminary metallurgical test work by previous holders, geological observations and our geochemical work which established a high correlation between Cu,Au,Ag. In December, 2022, CAE initiated a Metallurgical testing program for Mt Cannindah breccia. This program is current being scoped and materially important results will be reported when available. The full equation for Copper Equivalent is: CuEq/% = (Cu/% * 92.50 * CuRecovery + Au/ppm * 56.26 * AuRecovery + Ag/ppm * 0.74 * AgRecovery)/(92.5* CuRecovery) When recoveries are equal this reduces to the simplified version: CuEq/% = (Cu/% * 92.50 + Au/ppm * 56.26 + Ag/ppm * 0.74)/ 92.5 We have applied a 30 day average prices in USD for Q4,2021, for Cu, Au , Ag , specifically copper @ USD$9250/tonne, gold @ USD$1750/oz and silver @ USD$23/oz. This equates to USD$92.50 per 1 wt %Cu in ore, USD$56.26 per 1 ppm gold in ore, USD$0.74 per 1 ppm silver in ore .As these prices are similar to current Q3-Q4,2022 averages, CAE has maintained these prices in order to allow consistent reporting from 2021 to 2022. We have conservatively used equal recoveries of 80% for copper, 80% for gold

		, 80% for Ag and applied to the CuEq calculation.
Relationship between mineralisation widths and intercept lengths	*The relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. down hole length, true width not known).*	22CAEDD017 reported here is an angled hole, inclined 60 degrees to the south west (magnetic azimuth 201 degrees at the drill collar). The hole is collared on transported cover, underlain by diorite. As the breccia geometry is still to be established, the final attitude and thickness of the mineralisation is unknown at this stage. . The Mt Cannindah Infill breccia is massive textured , recent interpretation suggests the clasts may have an imbrication or preferred orientation, that is relatively flat dipping to the east or south east. The overall orientation of the Mt Cannindah breccia sheet is steeply dipping to the west , although the bounding structures are uncertain. The south westerly drill direction of hole #17 was considered important to determine whether mineralised breccia extended in that direction.. Previous resource estimations at Mt Cannindah model the breccia body as elongated NNE-SSW and at least 100m plus thick in an east west direction. Previous estimations indicate a potentially depth extension to 350m plus.. The breccia body geometry, as modelled at surface has the long axis oriented NNE-SSW. In this context, hole 22CAEDD017 drills across the northern contact and rakes across the strike of the overall body CAE Hole # 17 targeted the northerly contact of the breccia at Mt Cannindah and sulphidic copper-gold silver bearing structures , both of which have been measured and interpreted as east west trending. In this regard, the orientation of hole # 17 was entirely appropriate for the geometry and trends of the targeted bodies and structures. CAE drilling has shown that the longest axis of the Mt Cannindah breccia is plunging to great depths, and the upper and lower contacts , effectively the hanging and footwall contacts are still to be firmly established.. Further investigation is required to establish the geometry of the mineralised breccia body in the north, south and down plunges of the Mt Cannindah deposit.
Diagrams	*Appropriate maps and sections (with scale) and tabulations of intercepts should be included for any significant discovery*	Preliminary sections and plans of the drillhole 22CAEDD016 reported here, are included in this report. Geological data is

	being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	still being assembled at the time of this report. An update of the geological model for Mt Cannindah is underway and will be released upon completion.
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practised to avoid misleading reporting of Exploration Results.*	The majority of 1m Cu,Au,Ag,S assays from the 0m to 768.46m section of hole 22CAEDD017 are listed with this report. In some instances. These have been reported as lithological and geochemical groups or sub-sets. Significant intercepts of Cu,Au,Ag are tabulated. All holes were sampled over their entire length, Reported intercepts have been aggregated where mineralization extends over significant down hole widths. This aggregation has allowed for the order of 15m of non mineralized late dykes or lower grade breccia sections.to be incorporated within the reported intersections. In general, a lower value of 0.15% CuEq has been utilized for the aggregated results. Wider aggregations have been reported for comparative purposes, in respect of reporting assaying of the mineralized sections which extend over the entire hole length. Aggregated intersections that contain zones of internal waste are clearly identified. .
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	The latest drill results from the Mt Cannindah project are reported here. The report concentrates on the Cu,Au, Ag results. Other data, although not material to this update will be collected and reported in due course.
Further work	*The nature and scale of planned further work (e.g. test for lateral extensions or depth extensions or large-scale step-out drilling).*	Drill targets are identified and further drilling is required. Hole 22CAEDD017 drills from the north east of the prospect in a south westerly direction, similarly hole 17 drills sub parallel to Hole 16. Hole 17 was drilled in 2022. Drilling has recommenced at Mt Cannindah for the year 2023. CAE Hole # 18 is complete and awaiting assaying, Hole # 19 is underway and will be followed by a series of drillholes testing the extent of the Mt Cannindah breccia at the southern end. Further drilling is planned at Mt Cannindah Breccia.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Not yet determined, further work is being conducted.

APPENDIX 4– JORC Code Table 2

Section 3: Estimation and Reporting of Mineral Resources

Audits or Review	*The results of audits and reviews of any ore resource Estimates.*	There have been several resource estimations made over the various deposits at Mt Cannindah. These have been in the public domain for a number of years. The most recent resource statement by by Hellman & Schofield in 2011 is for Drummond Gold on the resource at Mt Cannindah itself. This was reported under the JORC 2004 code and has not been updated to comply with JORC 2012 on the basis that the information has not materially changed since it was last reported.