



**CRITICAL MINERALS FORUM
TOWNSVILLE
25th August 2022.**

**INNOVATIVE EXPLORATION AT
MOUNT CANNINDAH**

Dr Simon.D.Beams
Director/Principal Geologist
Terra Search Pty Ltd
Non Executive Director Cannindah Resources Ltd

ACKNOWLEDGEMENTS OF CANNINDAH RESOURCES/TERRA SEARCH EXPLORATION TEAM AT MOUNT CANNINDAH (1)

Exploration is a team effort requiring Leadership, Knowledge, Experience, Guidance and a dedicated group of field & support professionals capable of careful data collection, compilation, analysis & interpretation.

Tom Pickett : Executive Chairman Cannindah Resources
Dr Simon Beams Principal Geologist Terra Search, Director CAE

Geologists : Mike Barr, Robyn Allen, Scott Trompetter,
James Bishop, Michael Alderson,
Geophysicist/Geostatistician/Ore Body Modeller : Tim Beams
Field Crew : Don Dunwoodie, Michael MacDougall, Jayannah Petersen
Senior Site Executive/Senior Geologist : Peter Gregory

ACKNOWLEDGEMENTS OF CANNINDAH RESOURCES/TERRA SEARCH EXPLORATION TEAM AT MOUNT CANNINDAH (2)

Field Manager : Travers Davies

Office Admin: Leanne Casey, Leanne Standley,

GIS : Jennifer Vetali, Valeria Murgalov, Patricia Abaijah

Geologist Trainees : Sophie Law, Maddison Chalker-Holz

Drilling Contractor : AED Peter Johns, Craig Burgess

Laboratory : Intertek Labs, Townsville, Anto Wilson

Landholder/Earthmoving : Justin & Kay Brian

**Mt Cannindah's Metal Combination of Copper - Silver- Gold has been in demand throughout human history –Enduring Critical Metals
CAE has drilled a truly impressive number of thick intercepts of all three metals through 2021 & 2022 at Mt Cannindah .
An exploration performance from the team worthy of
Bronze, Silver & Gold Medal status.**

Disclaimer



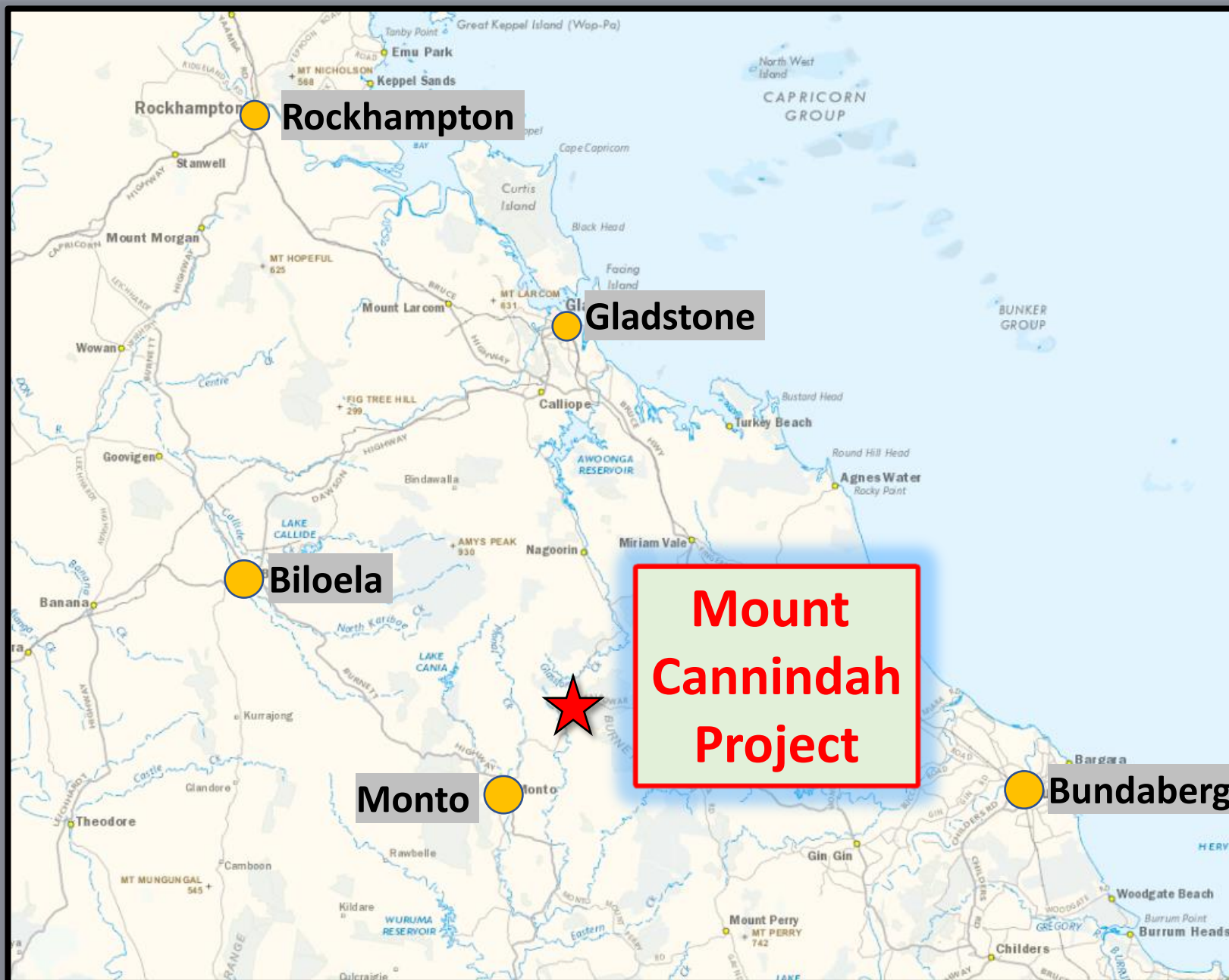
This presentation includes certain ***forward looking statements***, estimates and projections with respect to the future performance of Cannindah Resources Limited. Such statements, estimates and projections reflect various assumptions concerning anticipated results, which assumptions may prove not to be correct. The projections are merely estimates by Cannindah Resources Limited of the anticipated future performance of the company based on interpretations of existing circumstances, factual information and certain assumptions of future economic conditions and results, which may prove to be incorrect. Such projections and estimates are not necessarily indicative of future performance, which may be significantly less favourable than reflected herein. Accordingly, no representations are made as to the accuracy or completeness of such statements, estimates or projections and such statements, estimates and projections should not be relied upon as a guarantee of value or future results. This presentation does not constitute an offer to subscribe for securities in Cannindah Resources Limited.

Competent Persons Statement

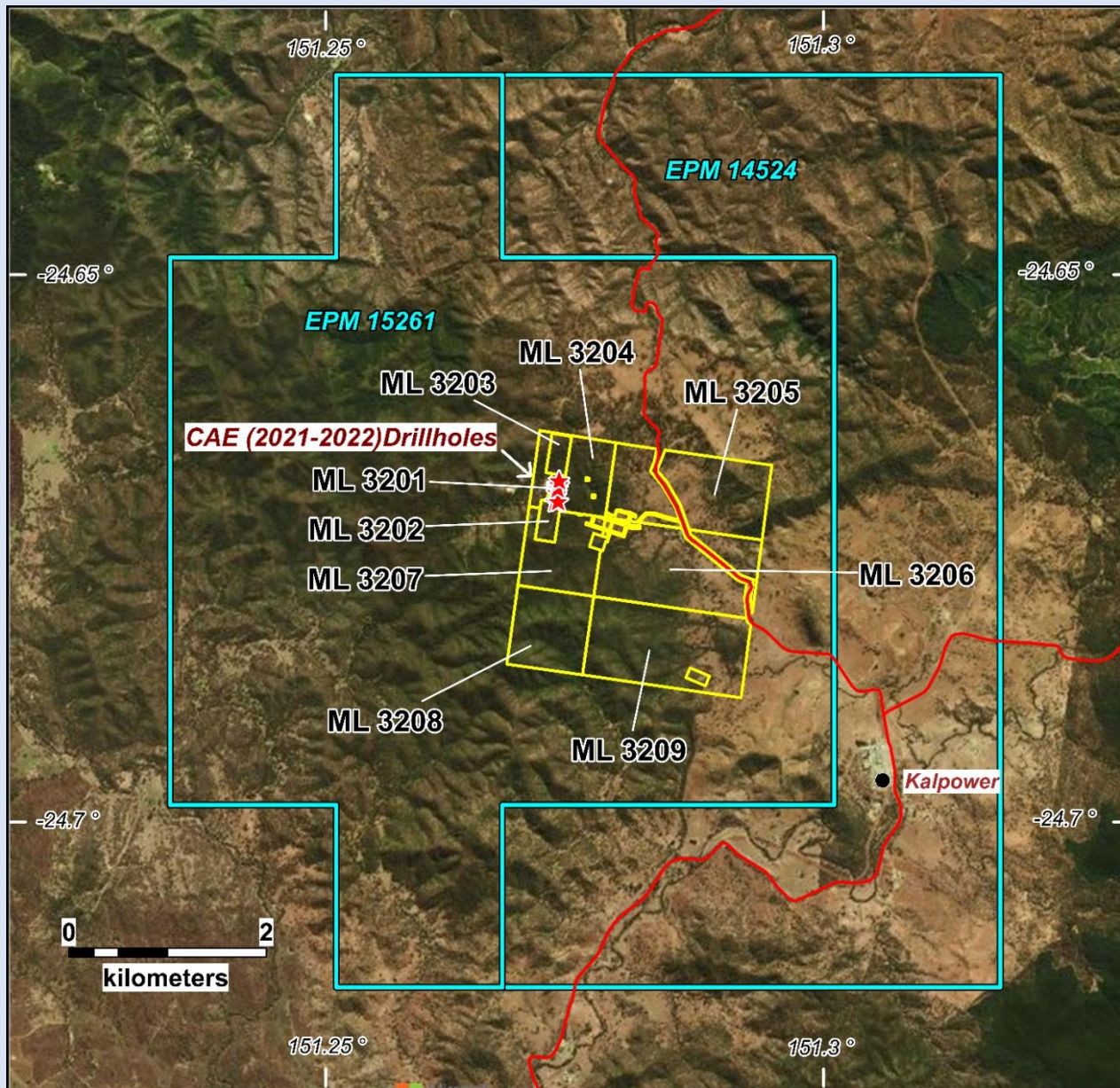
The information in this report that relates to exploration results is based on information compiled by Dr. Simon D. Beams, a full-time employee of Terra Search Pty Ltd, geological consultants employed by Cannindah Resources Limited to carry out geological evaluation of the mineralisation potential of their Mt Cannindah Project, Queensland, Australia. Dr. Beams 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 and his employer Terra Search Pty Ltd hold ordinary shares in Cannindah Resources Limited.



Tenure



EPM 14524

9 Sub Blocks

Mining Leases

3201 to 3206 (Contiguous)

Total of

71.5 sq.km of Exploration Permits &
5.7 sq.km of Mining Leases.

EPM 15261

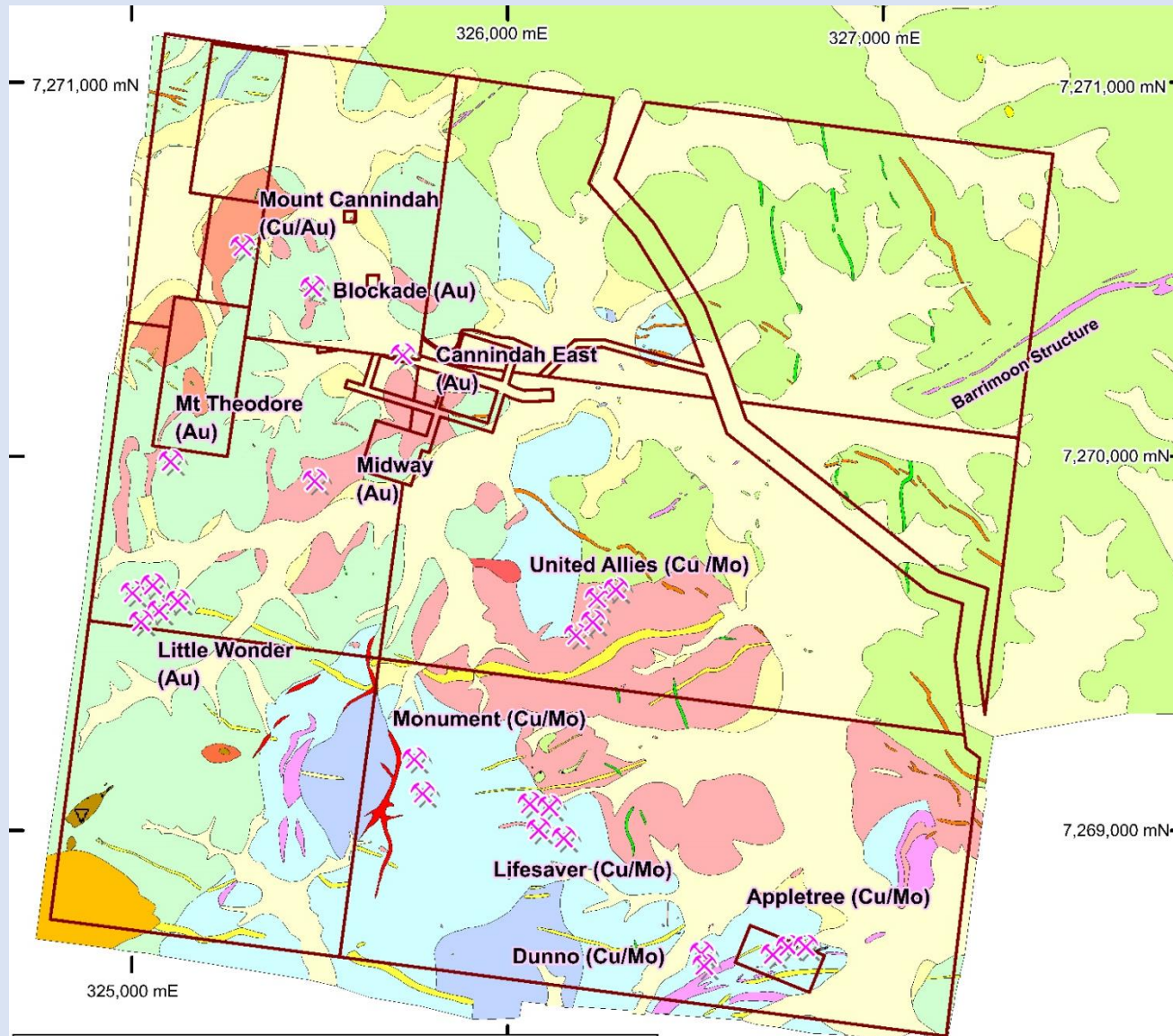
14 Sub Blocks

Ownership:

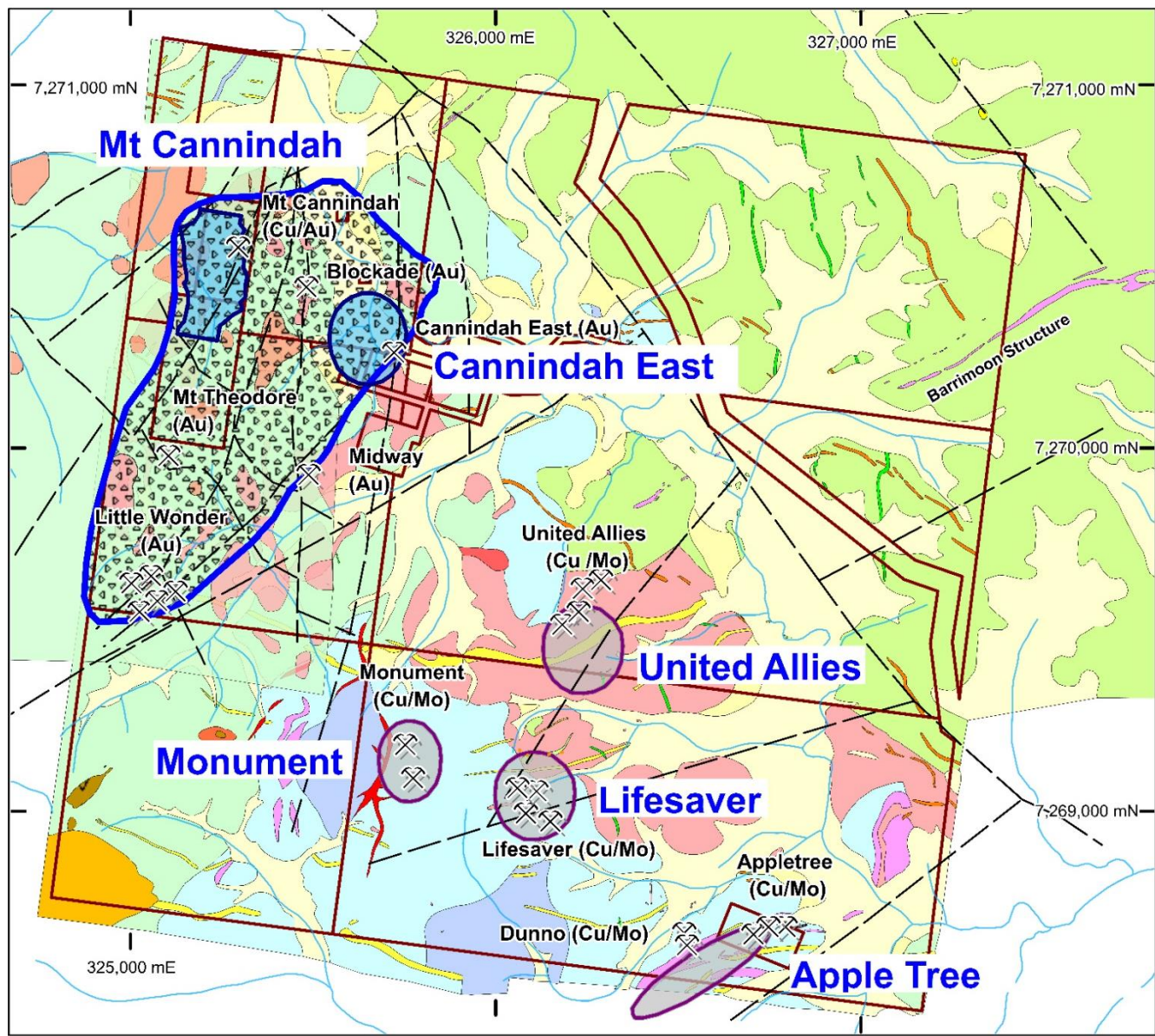
The Mount Cannindah Project is
100% owned by Cannindah Resources Ltd.
Newcrest (60%) & Glencore/MIM (40%) have 1.5%
net smelter return (NSR) royalty on production

Note: Mt Cannindah Mining Pty Ltd is wholly
Subsidiary of Cannindah Resources Ltd

Mt Cannindah Mining Leases & Prospects on Geology



LEGEND	
Recent	Alluvium
	Scree, gravel beds, transported soil
Tertiary	Basalt
	Boulder beds
Triassic	Epithermal quartz
	Andesitic dykes
	Trachitic dykes, some flow banding
	Muncon Volcanics. Intermediate volcanics and related sediments
Permo-Triassic	Hornblende monzonite dykes
	Monument Diorite. Biotite quartz diorite with minor microgranite and aplite
	Cannindah Diorite. Equigranular diorite, granodiorite and tonalite
Carboniferous	Calcareous siltstone, skarn, calc-arenite rare limestone with mapped arenite and garnet and magnetite skarns
	Siltstone, rare intermediate tuff



Mt Cannindah Projects Mineral Resources

Mt Cannindah Mining Pty Ltd
wholly owned subsidiary of



Cannindah Resources
Limited

Mt Cannindah

5.5Mt @ 0.92 % Cu, 0.34 g/t Au
& 14.9 g/t Ag (JORC, 2004)

Cannindah East

245,000 t @ 2.8 g/t Au
(Non-JORC)

United Allies

2Mt @ 0.5% Cu, 179ppm Mo
(Non-JORC)

Monument/Lifesaver

8Mt @ 0.4% Cu
Inferred (Non-JORC)

Apple Tree

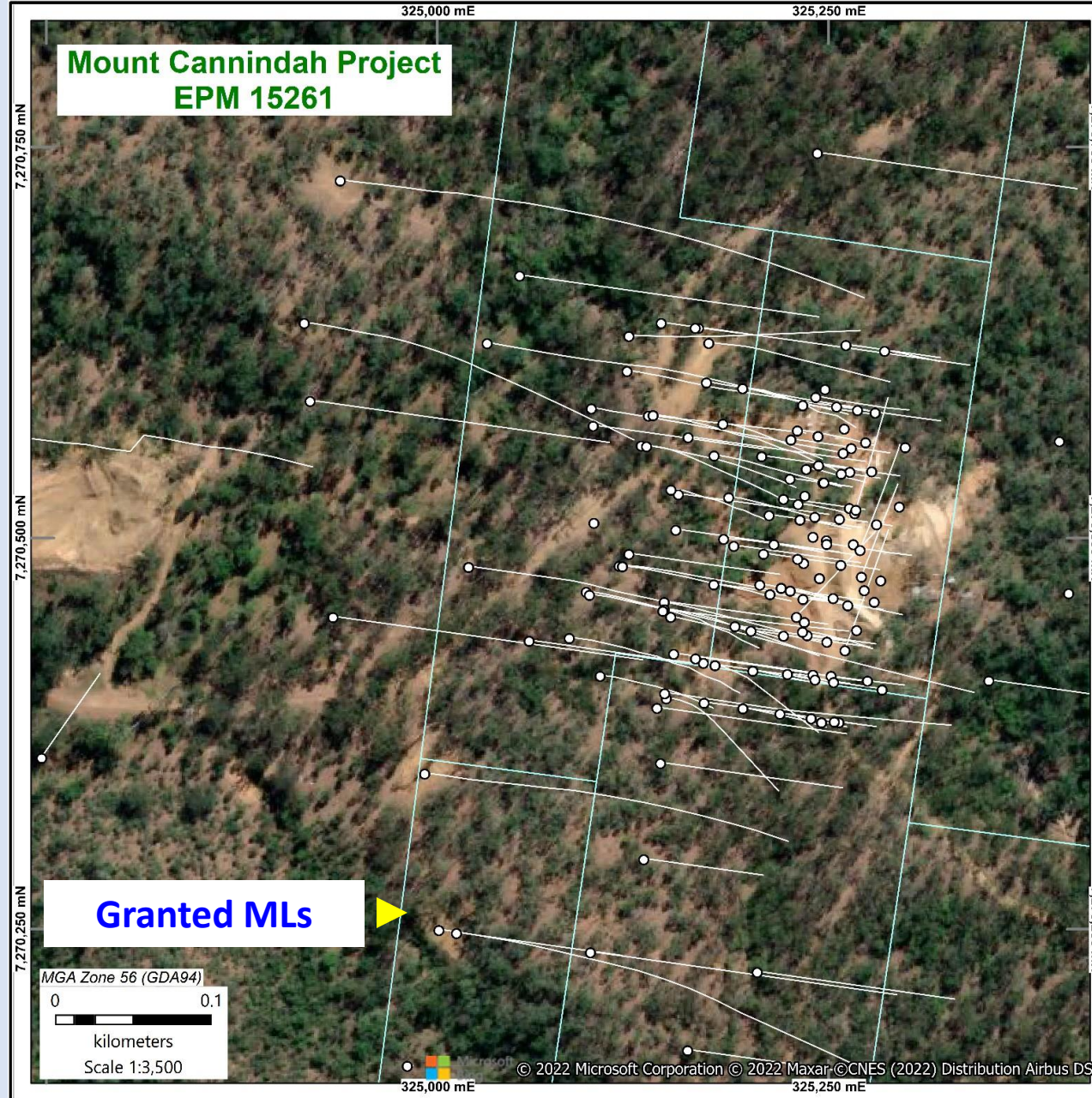
30,000 t @ 2.1% Cu , 1.7 g/t Au
& 20 g/t Ag (Non-JORC)

Mount Cannindah Project

Previous Drilling
1958-2011

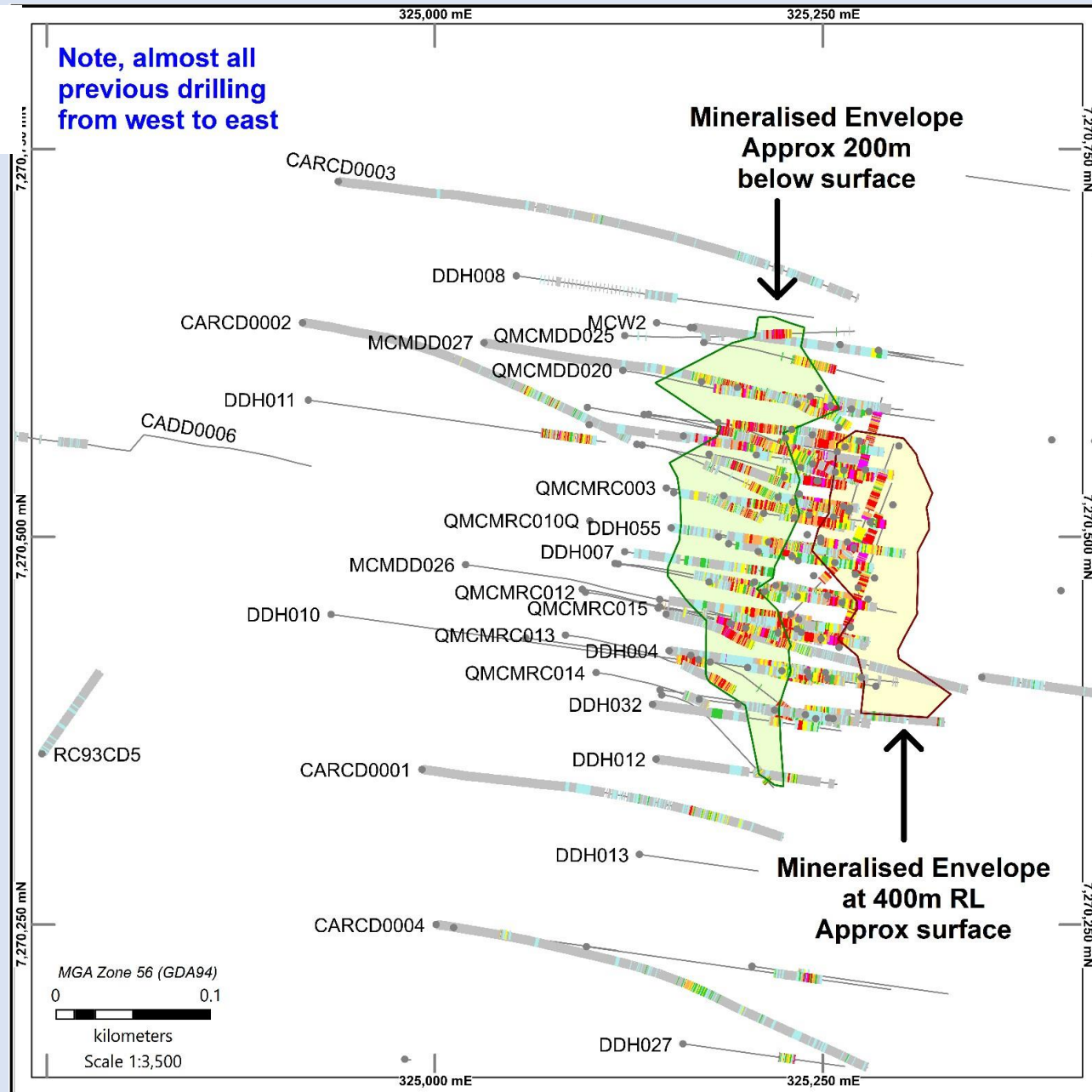
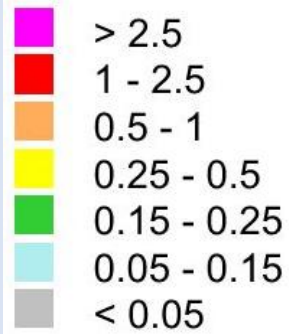
(MIM, Newcrest,
Astrik, QLD Ores,
Drummond Gold)

Bing Aerial
Satellite



Previous Drilling Cu (%)

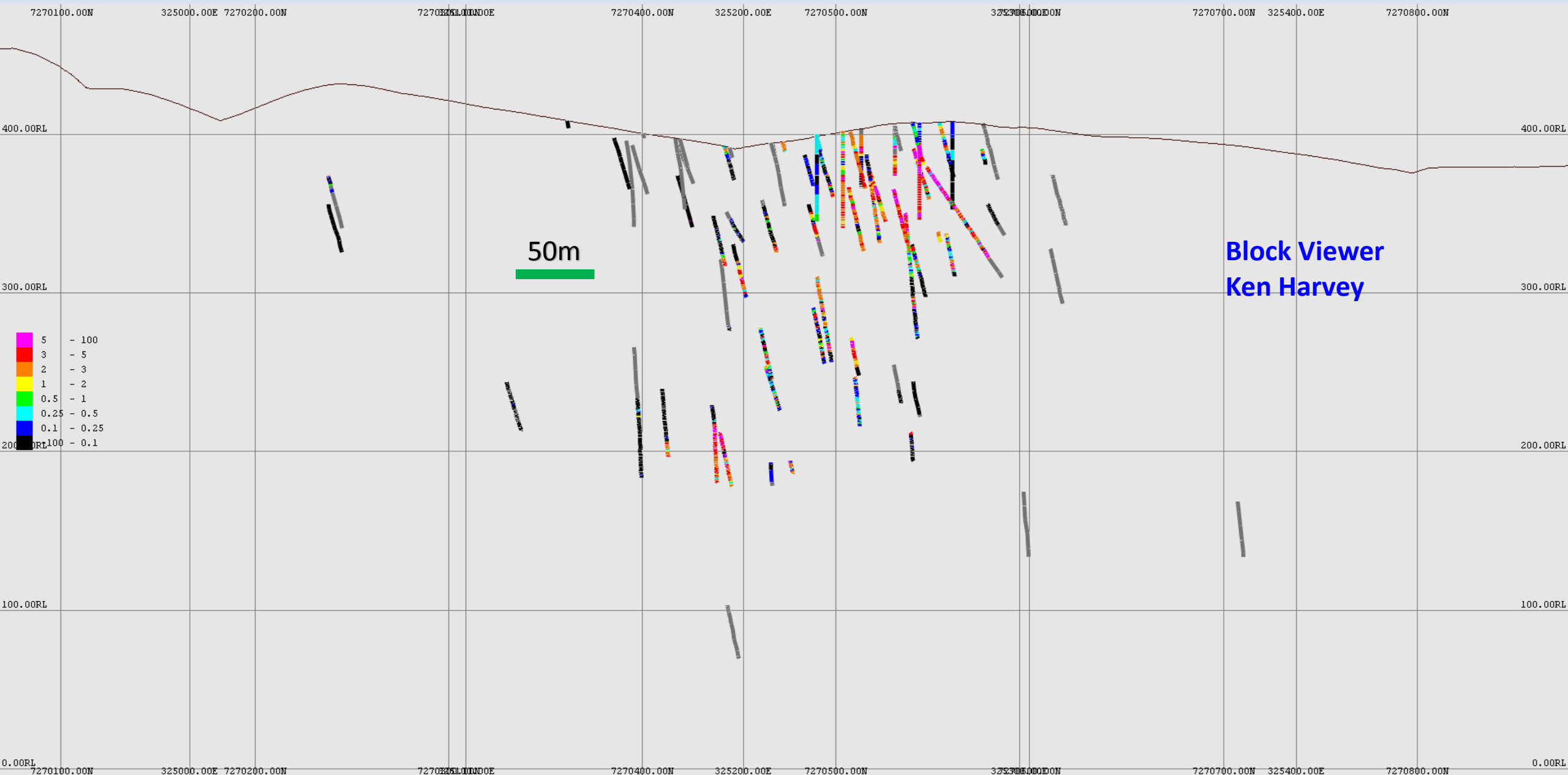
Legend Cu (%)



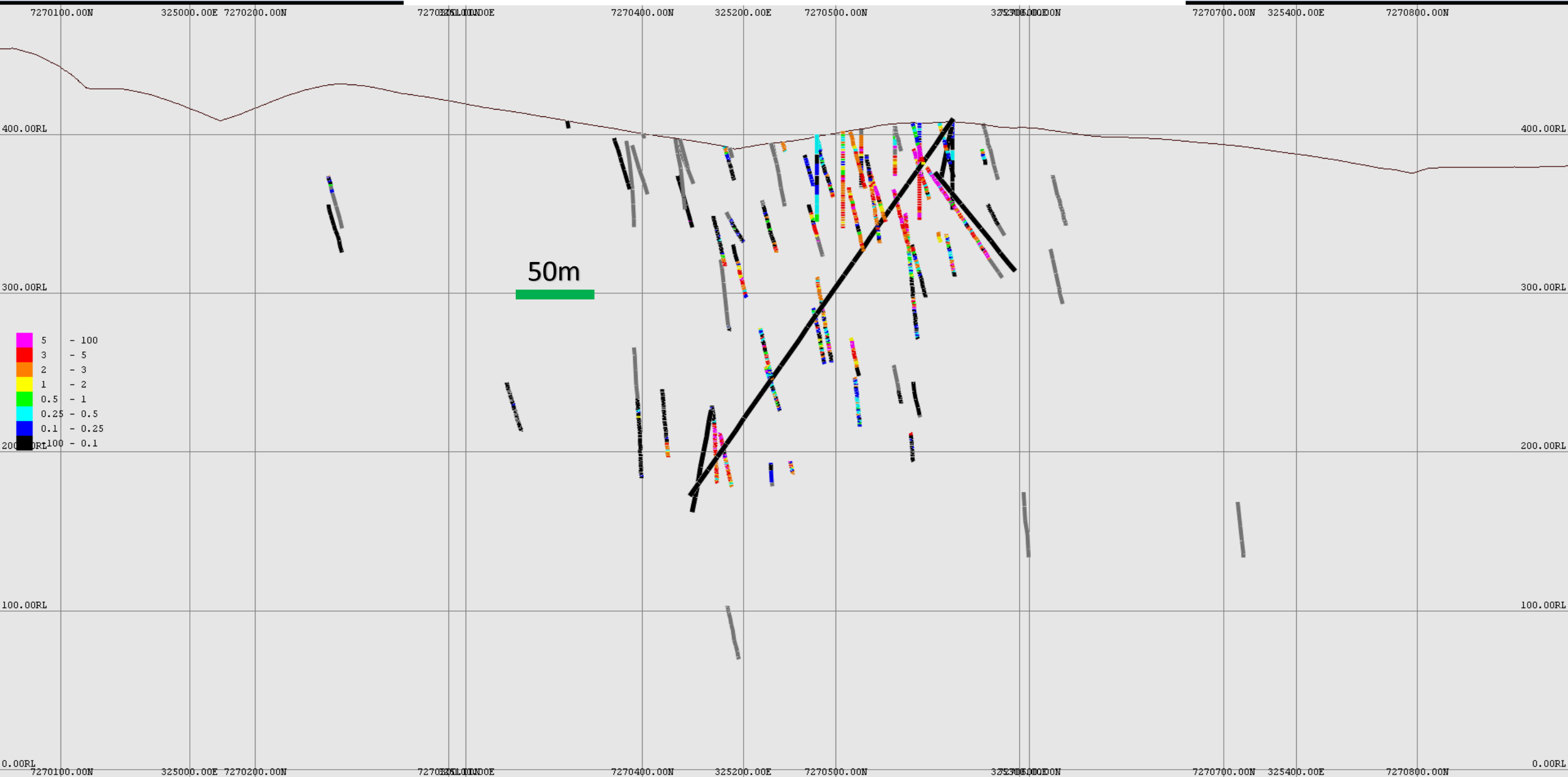
Drillhole traces
projected from depth onto
horizontal level plan.

50 years of drilling.
Almost all drilled
West to East Direction
Last drilling in 2011 deepest
holes , disappointing results.
CAE looked at fresh
approach, look for continuity
of mineralization.
Contrarian and innovative to
Drill 180 degrees to all
previous drilling.
Hole 1 abandoned after
hitting old workings.
CAE began by drilling ore
block gaps in long section,
obliquely to south .

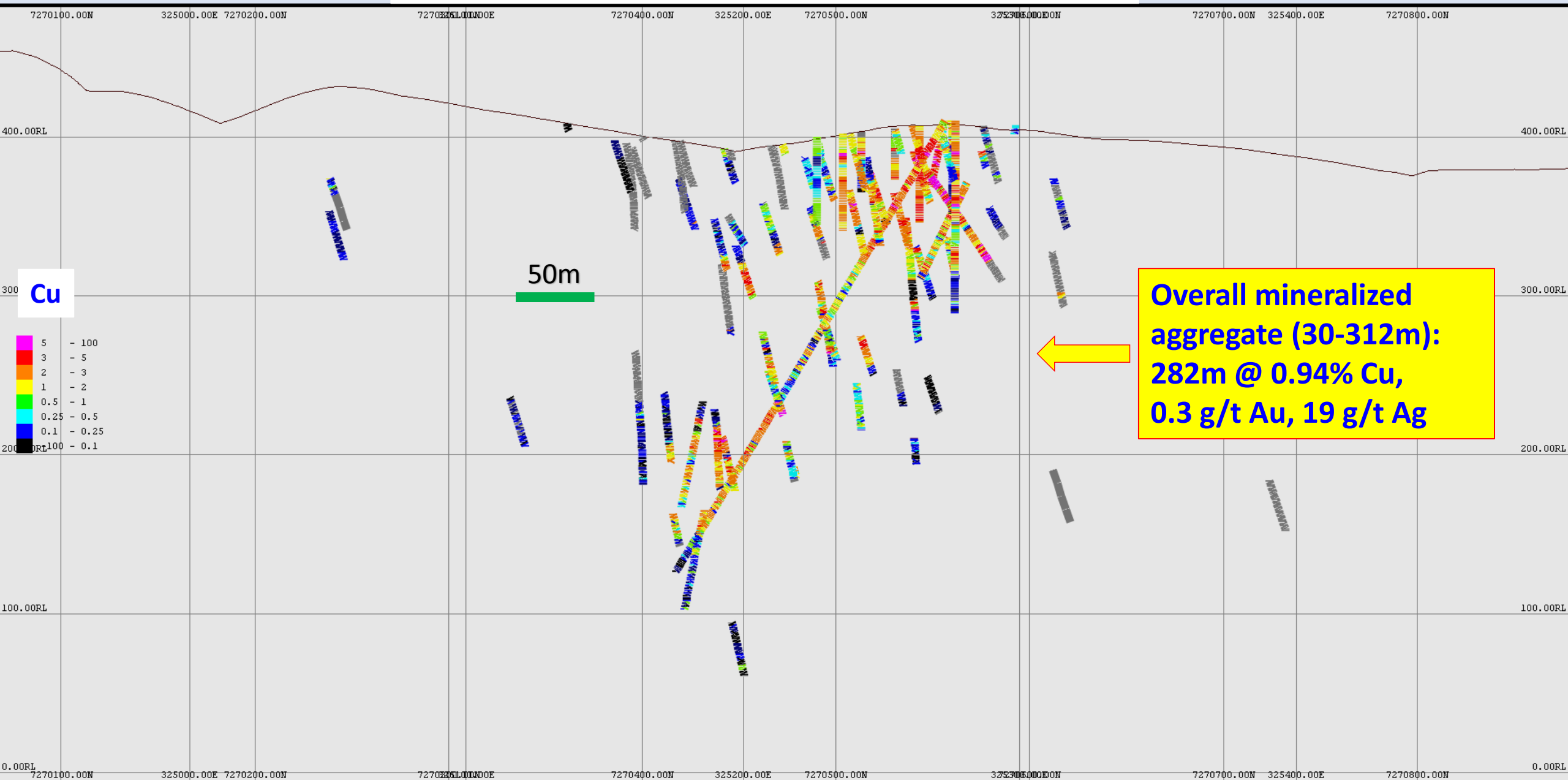
Original long section historical drillholes pre drilling CAE DDH 02



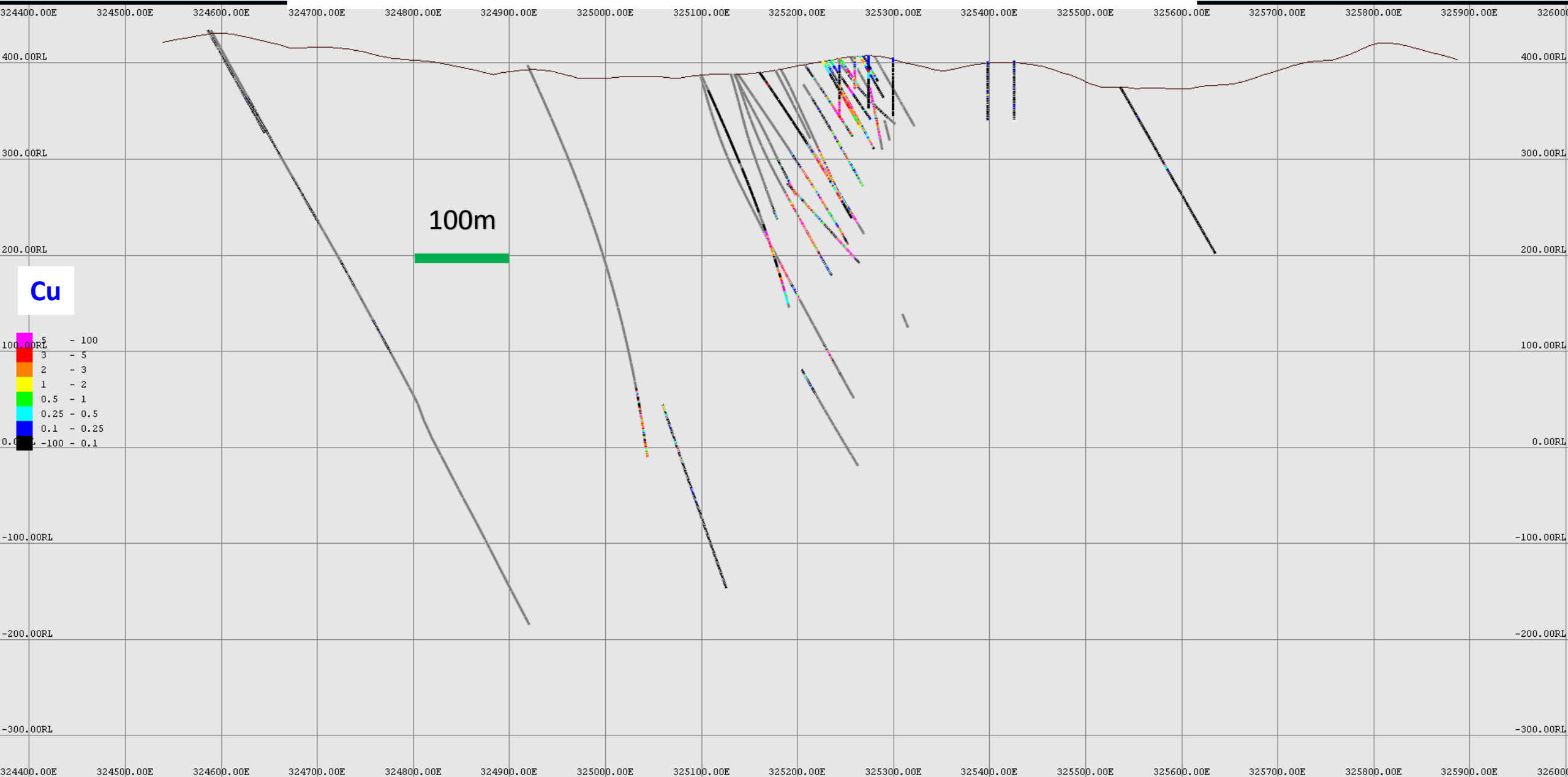
Long section proposed drillhole pre drilling CAE DDH 02



Long section – Cu Results of CAE DDH 02, September 2021



Original cross section historical drillholes pre drilling CAE DDH 03



Cross section proposed drillhole pre drilling CAE DDH 03



Cross section – Cu Results of CAE DDH 03, November 2021





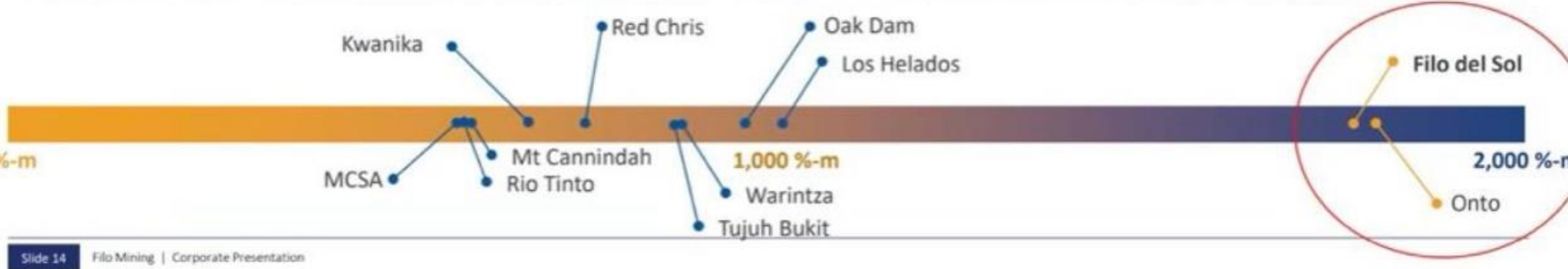
COMPARISON WITH GLOBAL COPPER INTERCEPTS

Best holes over the past 2 years with Copper as the primary commodity

Date	Hole Number	Project	Country	Company	From (metres)	To (metres)	Interval (metres)	CuEq (%)	CuEq Grade x Interval ¹ (%-m)	Source Document
2020-02-24	VHD037	Onto	Indonesia	PT Sumbawa Timur Mining	536.00	1,484.60	948.60	1.893	1,796.0	PT Sumbawa Timur PR
2021-05-13	FSDH041	Filo del Sol	Argentina	Filo Mining Corp.	188.00	1,046.00	858.00	2.043	1,752.9	Filo Mining PR
2021-09-08	LHDHG03	Los Helados	Chile	NGEx Minerals	6.00	1,140.40	1,134.00	0.883	1,001.4	NGEx Minerals Ltd PR
2020-10-20	AD30W1	Oak Dam	Australia	BHP Group	1,190.00	1,502.00	312.00	3.117	972.6	BHP Grp PR
2021-03-22	SLS-14	Warintza	Ecuador	Solaris Resources Inc.	0.00	922.00	922.00	0.972	896.2	Solaris Rsrc Inc PR
2021-06-14	UHGZ-21-045	Tujuh Bukit	Indonesia	PT Merdeka Copper	14.00	530.00	516.00	1.714	884.5	PT Merdeka Copper Expl. Report
2020-01-29	RC595	Red Chris	Canada	Newcrest	394.00	1,114.00	720.00	1.094	787.5	Imperial Metals PR
2021-10-27	K-21-217	Kwanika	Canada	NorthWest Copper	253.15	488.60	235.45	3.155	742.9	NW Copper Corp PR
2021-11-09	21CAEDD003	Mount Cannindah	Australia	Cannindah Resources Ltd.	0.00	493.00	493.00	1.299	640.4	Cannindah Rsrc Ltd Expl. Report
2021-06-24	ATD038	Proyecto de Rio Tinto	Spain	Atalaya	280.00	532.00	252.00	2.538	639.5	Atalaya Mining PR
2021-07-07	FC5522	MCSA Mining Complex	Brazil	Ero Copper	774.70	841.70	67.00	9.542	639.3	Ero Copper PR

Filo's FSDH041 ranks as one of the best copper intercepts globally over the past 2 years...
...and the top hole held by a Junior Mining Company.

Source: S&P Global Market Intelligence, Drill Results – Copper, filtered by period for the last two years, as of December 15, 2021 (Note: only one “best hole” from each project is included)
¹ Copper Equivalent (CuEq) Grades as reported by S&P Global Market Intelligence and may not match Company disclosure. CuEq Grade x Interval calculated by multiplying the CuEq% by the interval metres.



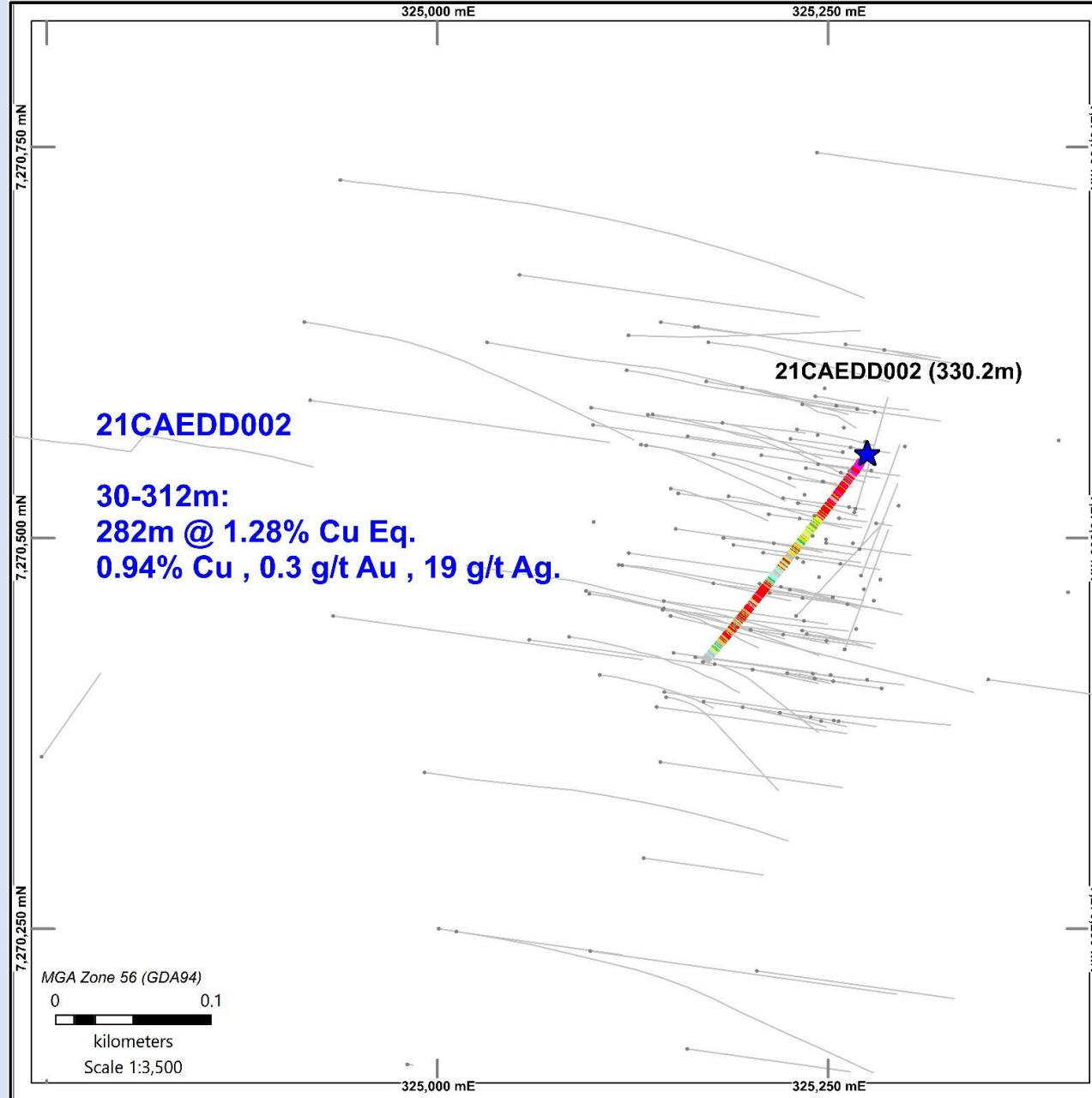
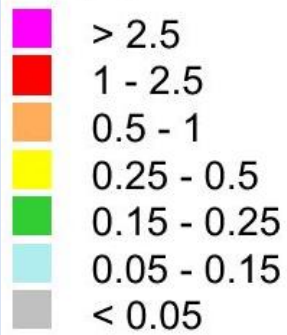
Global Ranking
No.9,
2020-2021

Drillhole
21CAEDD003
Interval
493m @
1.299 % CuEq

CuEq Grade
x Interval
640.4 (%-m)

21CAEDD002

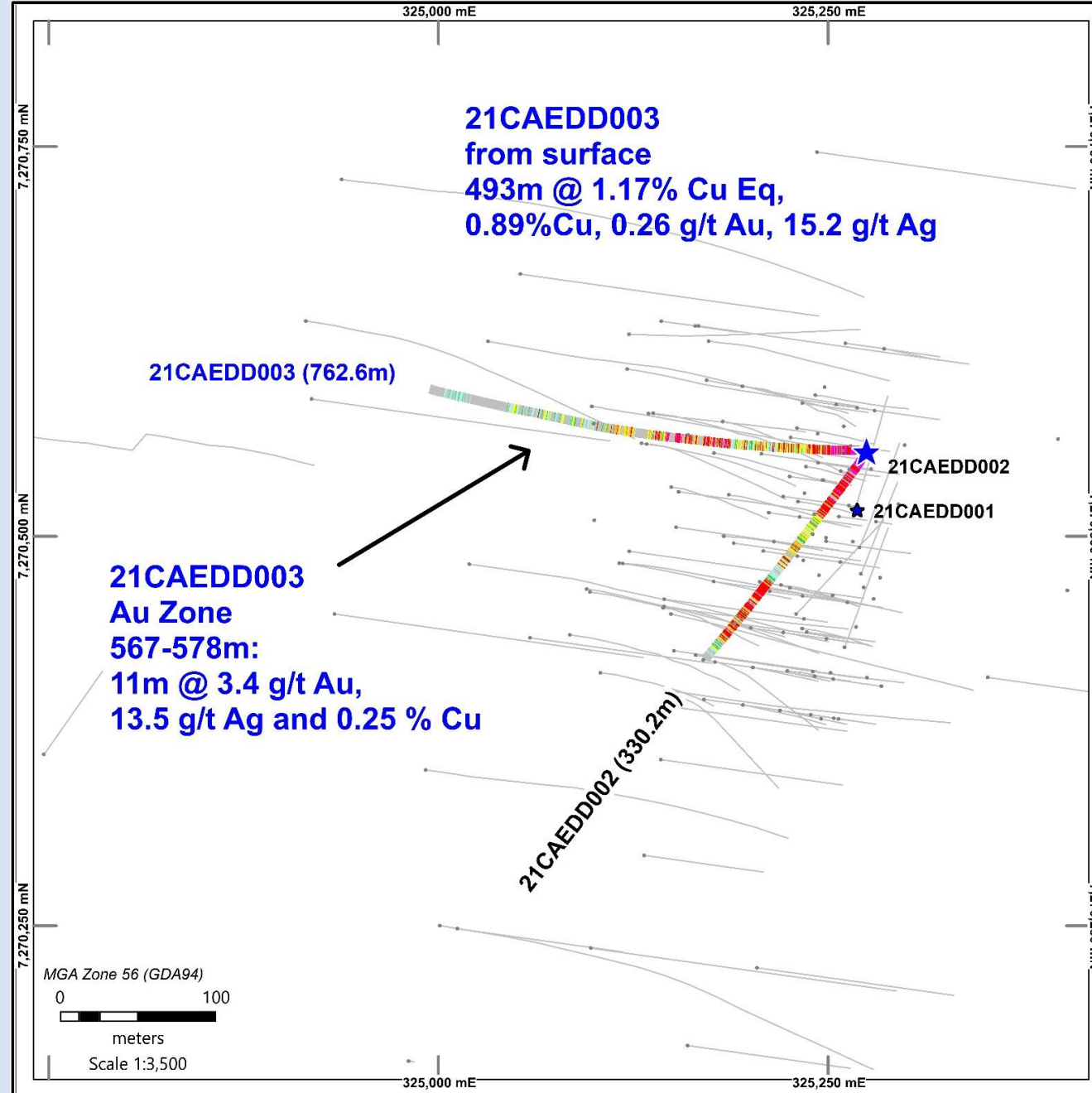
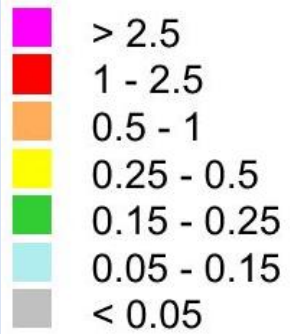
Legend Cu (%)



CAE 2
282m @ 1.28%
Cu Eq,
0.94% Cu
0.3 g/t Au
19 g/t Au
30m - 312m

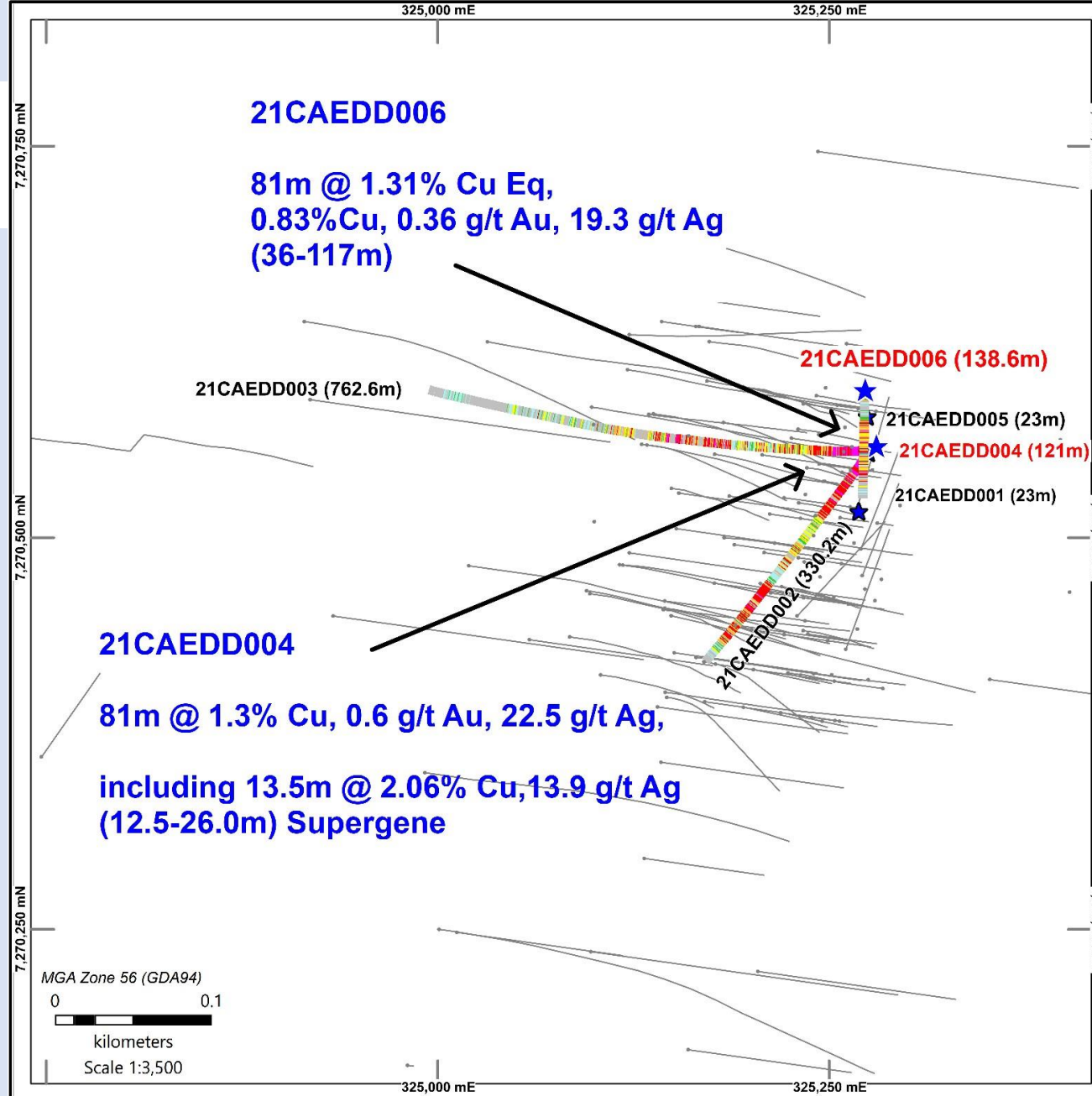
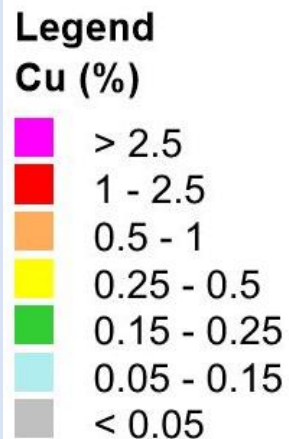
21CAEDD003

Legend Cu (%)



CAE 3
493m @ 1.17% CuEq,
0.89% Cu
0.26 g/t Au
15.2g/t Au
0m - 493m
11m @ 3.4 g/t Au
567m-578m

21CAEDD004
21CAEDD006

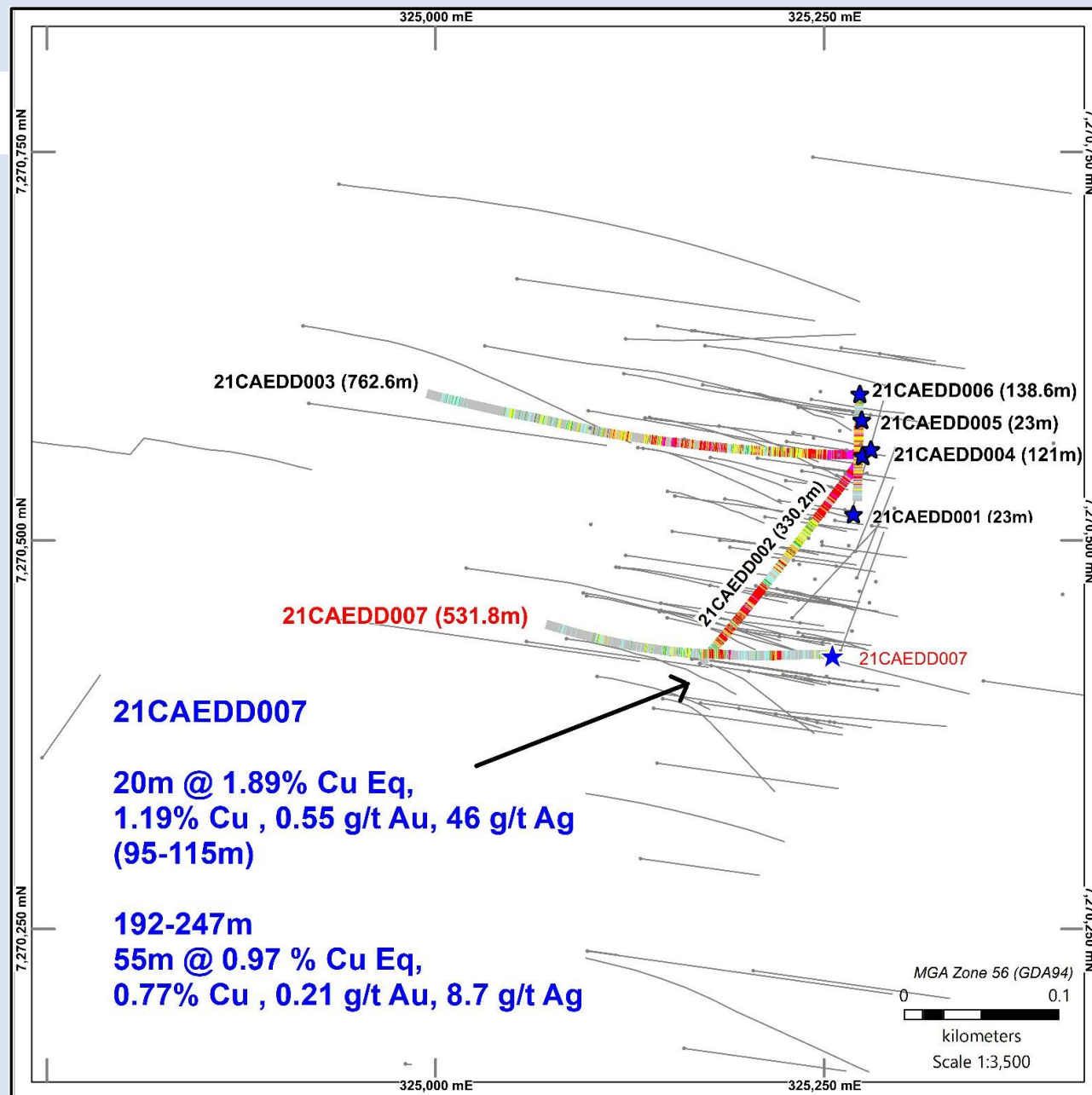
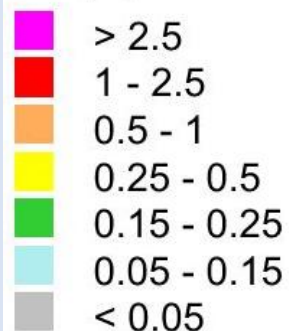


CAE 4
81m @ 1.3% Cu,
0.6 g/t Au
22.5 g/t Au
13m - 94m
CAE 5 23m Scout
Hole

CAE 6
81m @ 1.31% Cu Eq,
0.36 g/t Au
18.3 g/t Au
36m - 117m

21CAEDD007

Legend
Cu (%)



21CAEDD007

20m @ 1.89% Cu Eq,
1.19% Cu , 0.55 g/t Au, 46 g/t Ag
(95-115m)

192-247m
55m @ 0.97 % Cu Eq,
0.77% Cu , 0.21 g/t Au, 8.7 g/t Ag

CAE 7

20m @ 1.89% CuEq

1.19%Cu

0.55 g/t Au

46 g/t Au

95m - 115m

55m @ 0.97% CuEq

0.77% Cu, 0.21 g/t

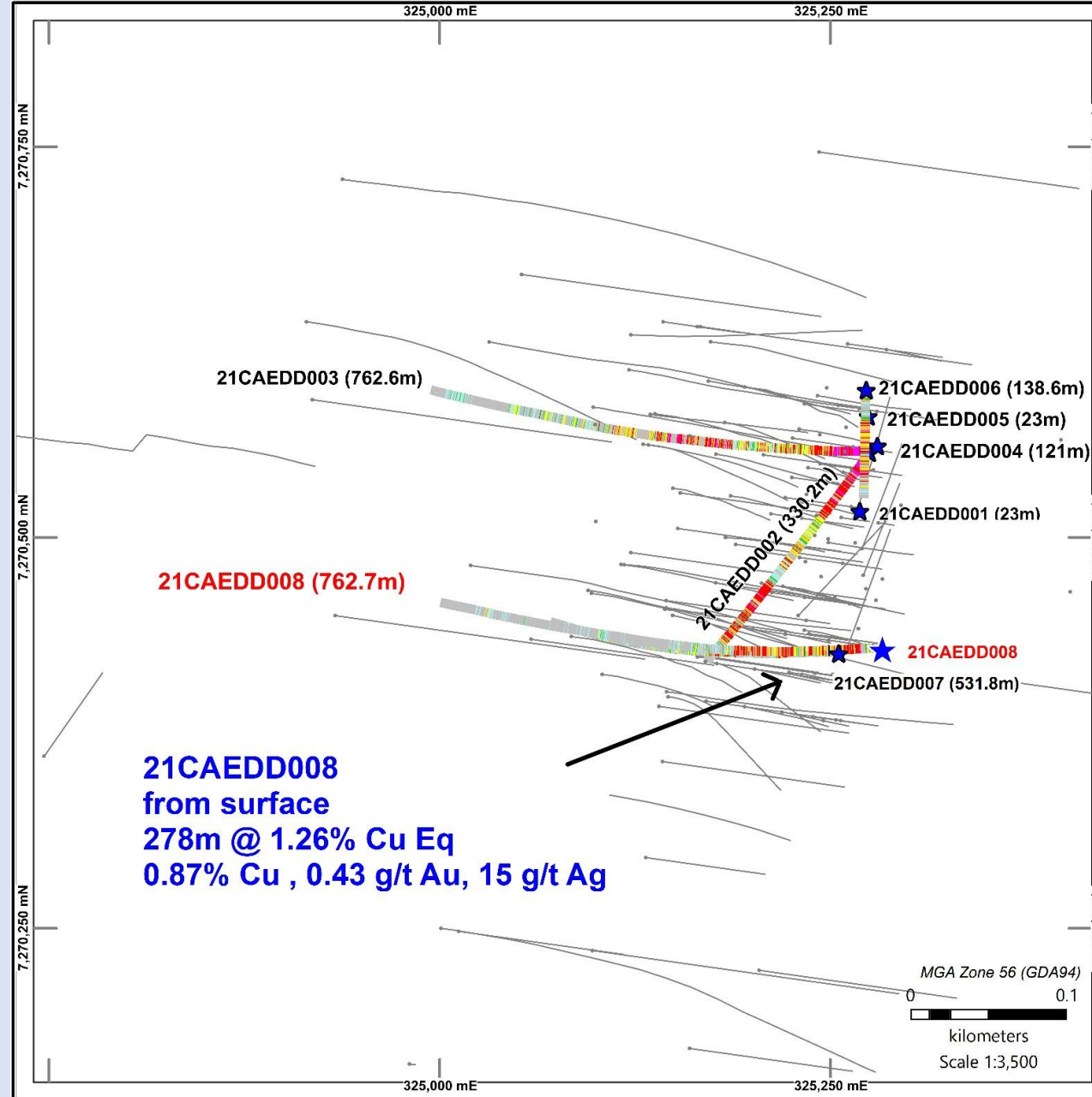
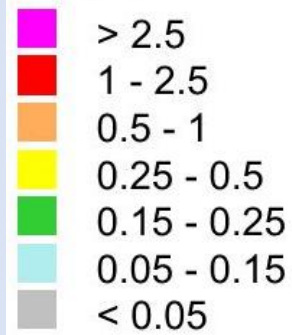
Au , 9.7 g/t Ag

192m-247m

21CAEDD008

Legend

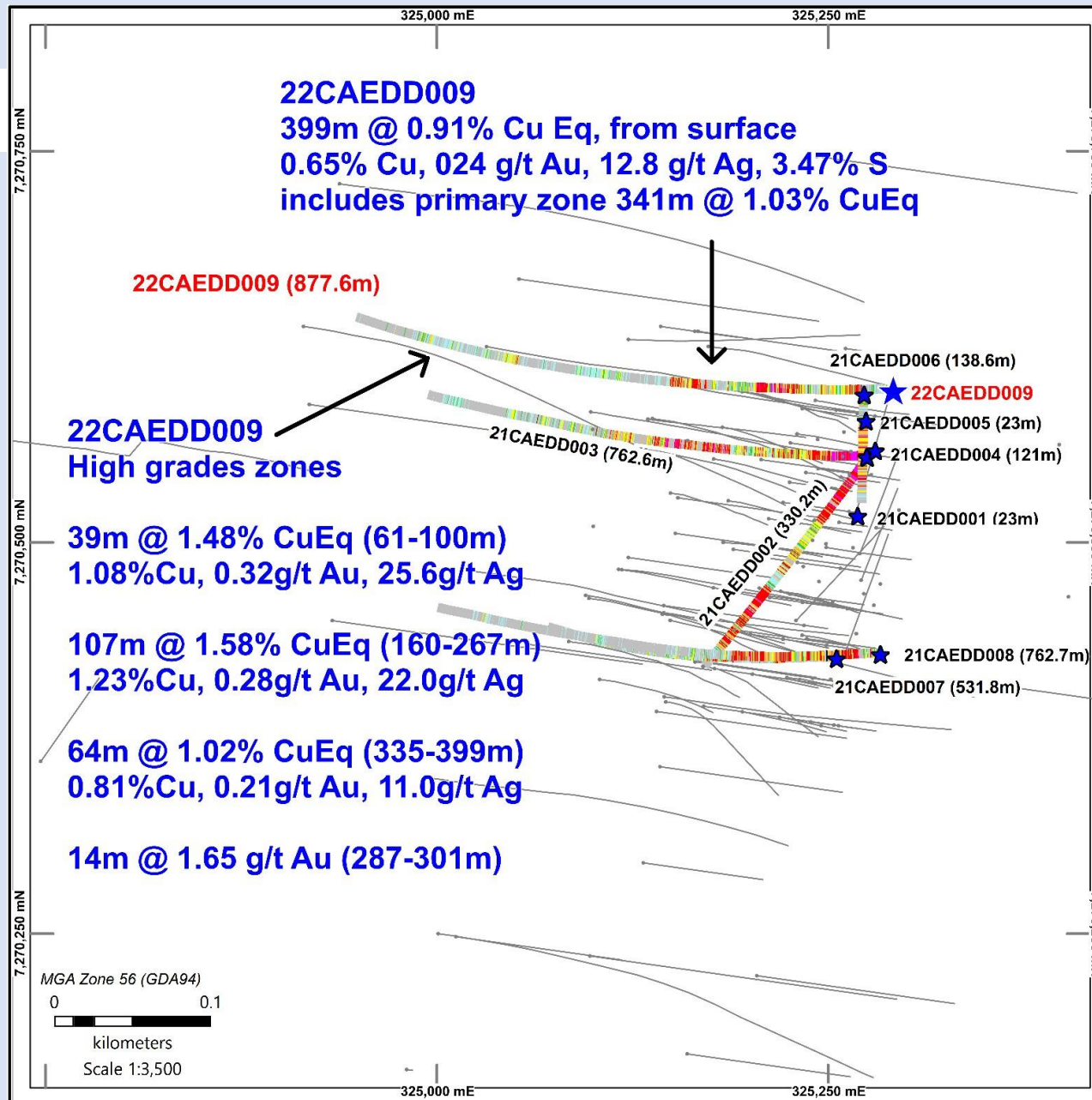
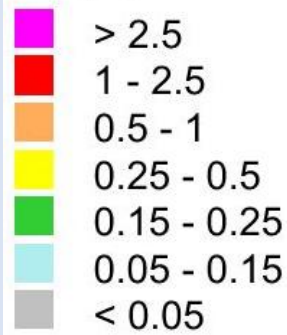
Cu (%)



CAE 8
278m @ 1.28%
CuEq
0.97%Cu
0.43 g/t Au
15 g/t Au
0m - 278m

22CAEDD009

Legend Cu (%)



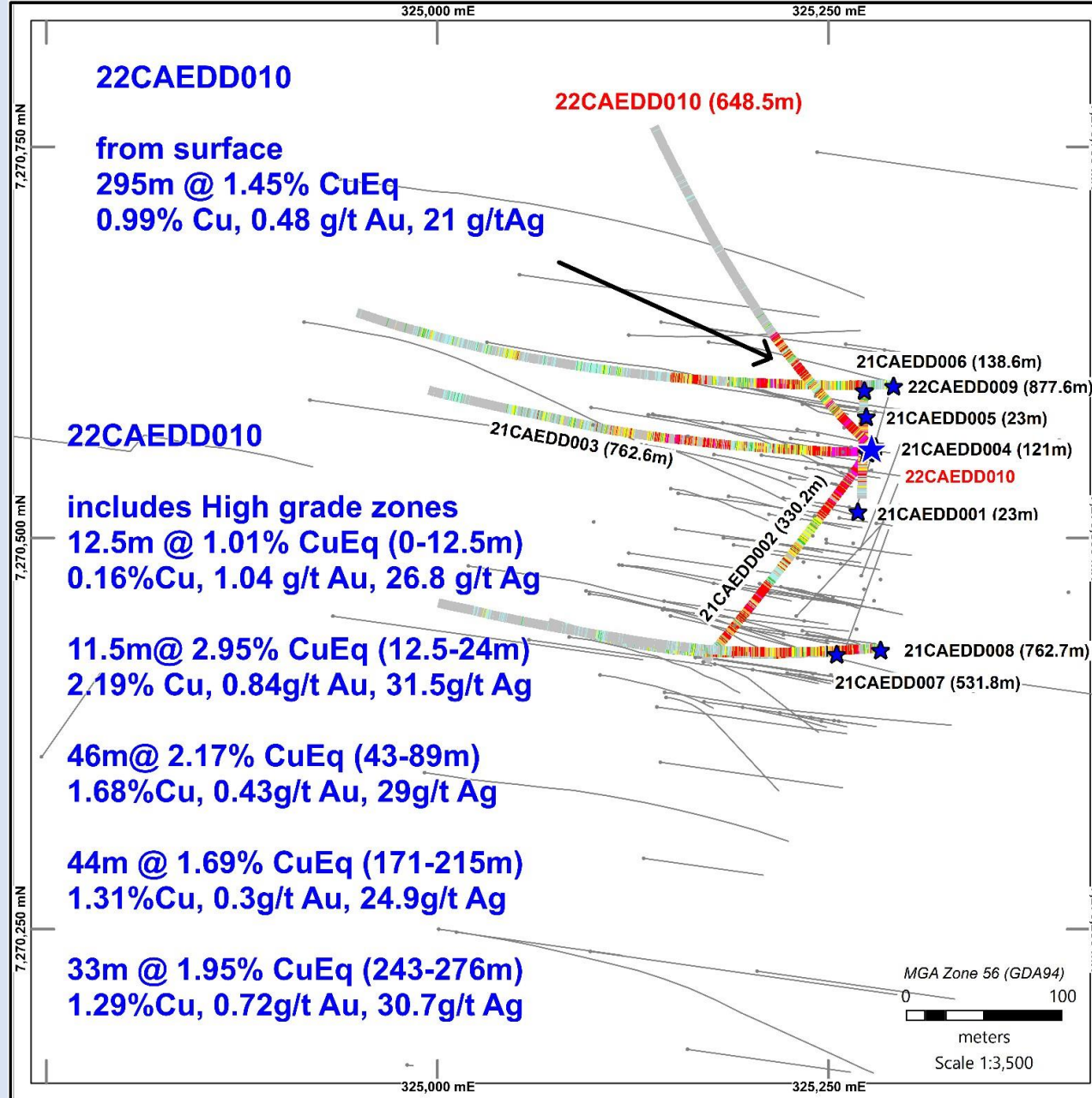
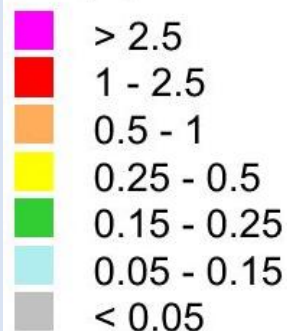
CAE 9

341m @ 1.08% CuEq
0.75%Cu,0.26 g/t Au
15 g/t Au,58m - 399m

**Total Mineralised
Aggregate
887.6m @ 0.48 %
CuEq**

22CAEDD010

Legend Cu (%)

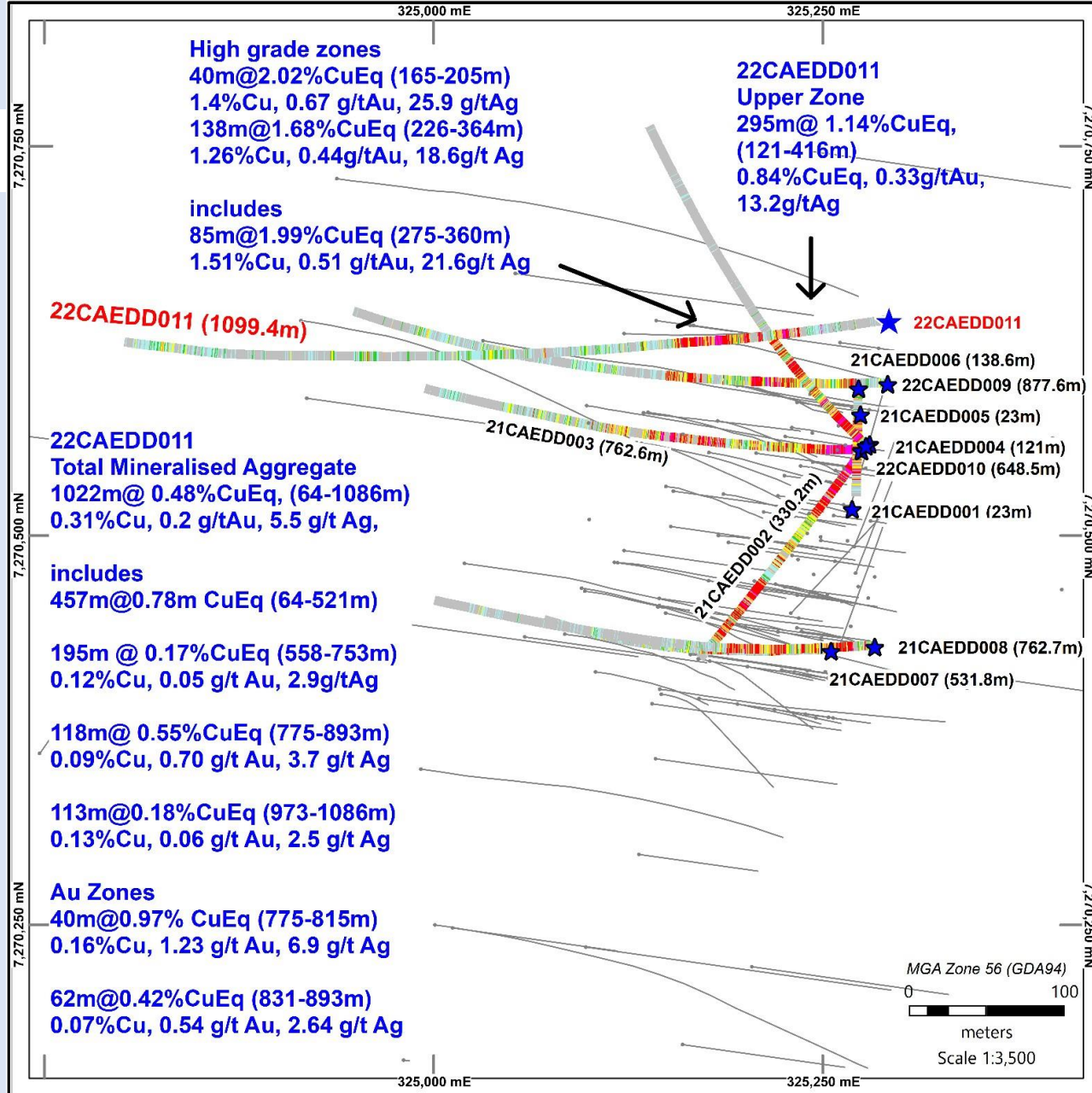
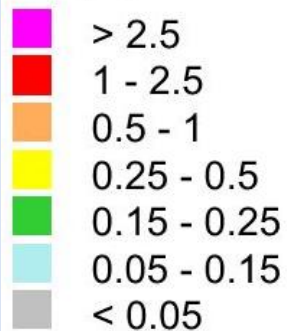


CAE 10
295m @ 1.45%
CuEq
0.99%Cu,0.48
g/t Au
21 g/t Ag,
0m - 295m

22CAEDD011

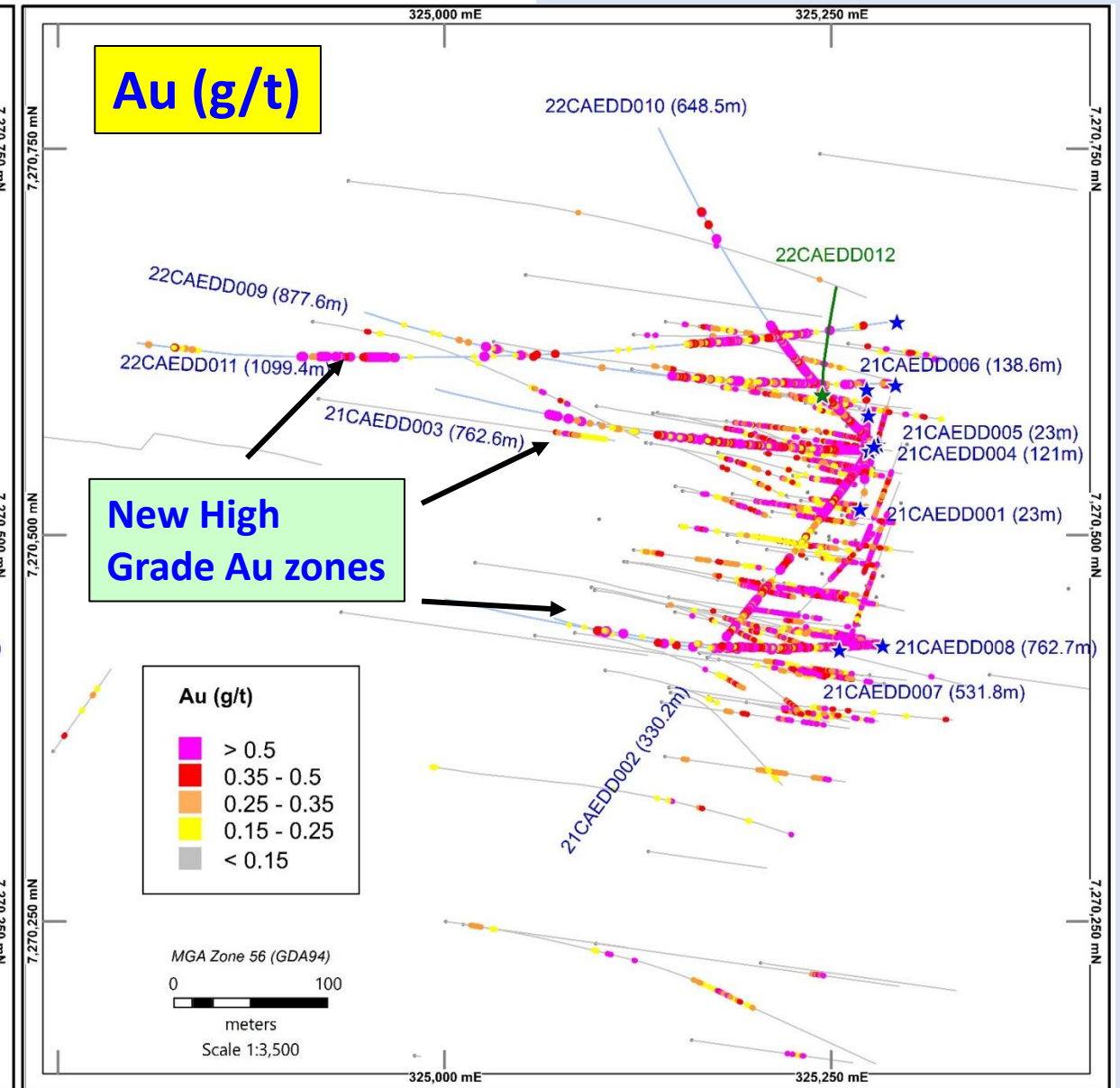
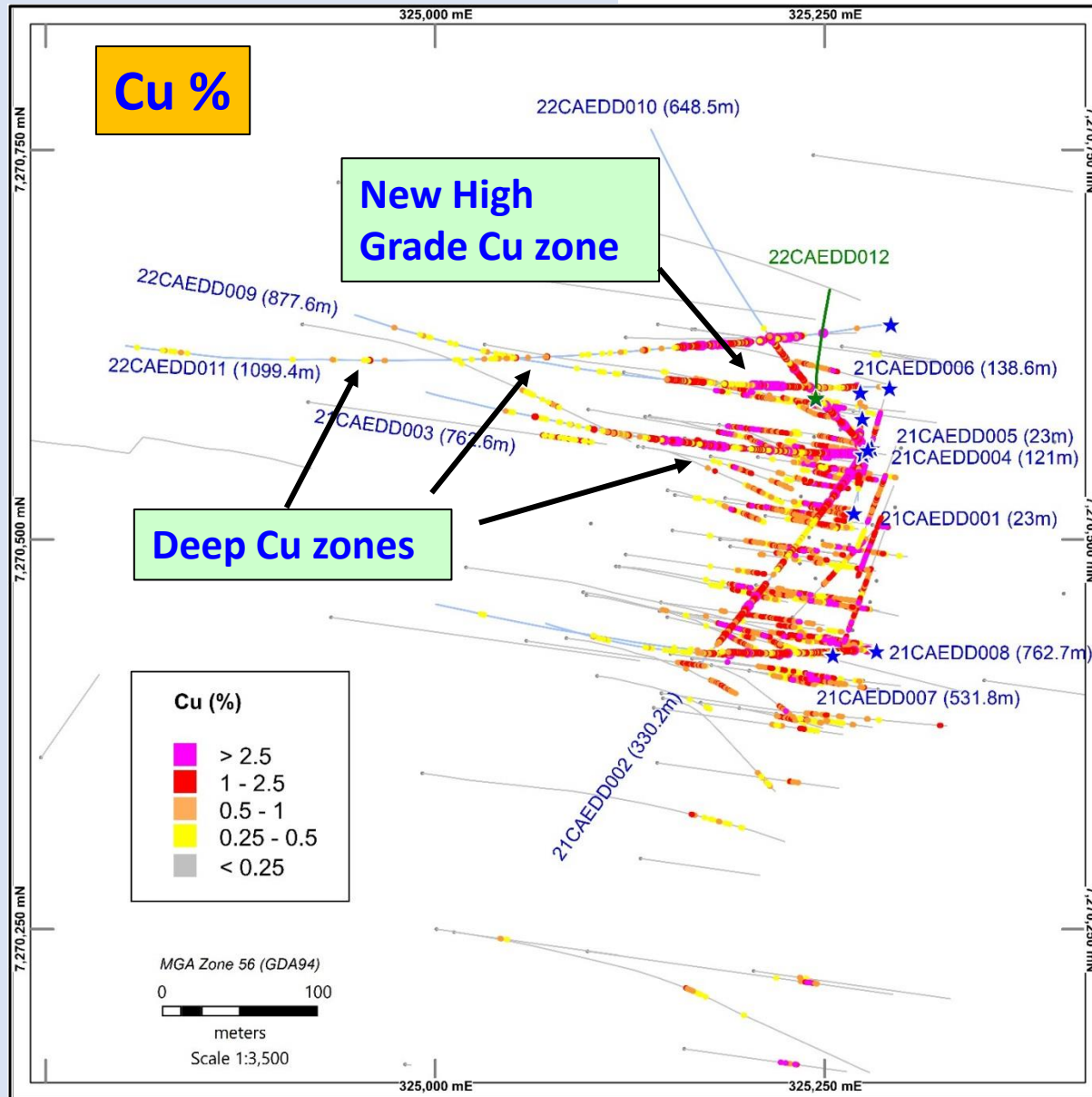
Legend

Cu (%)

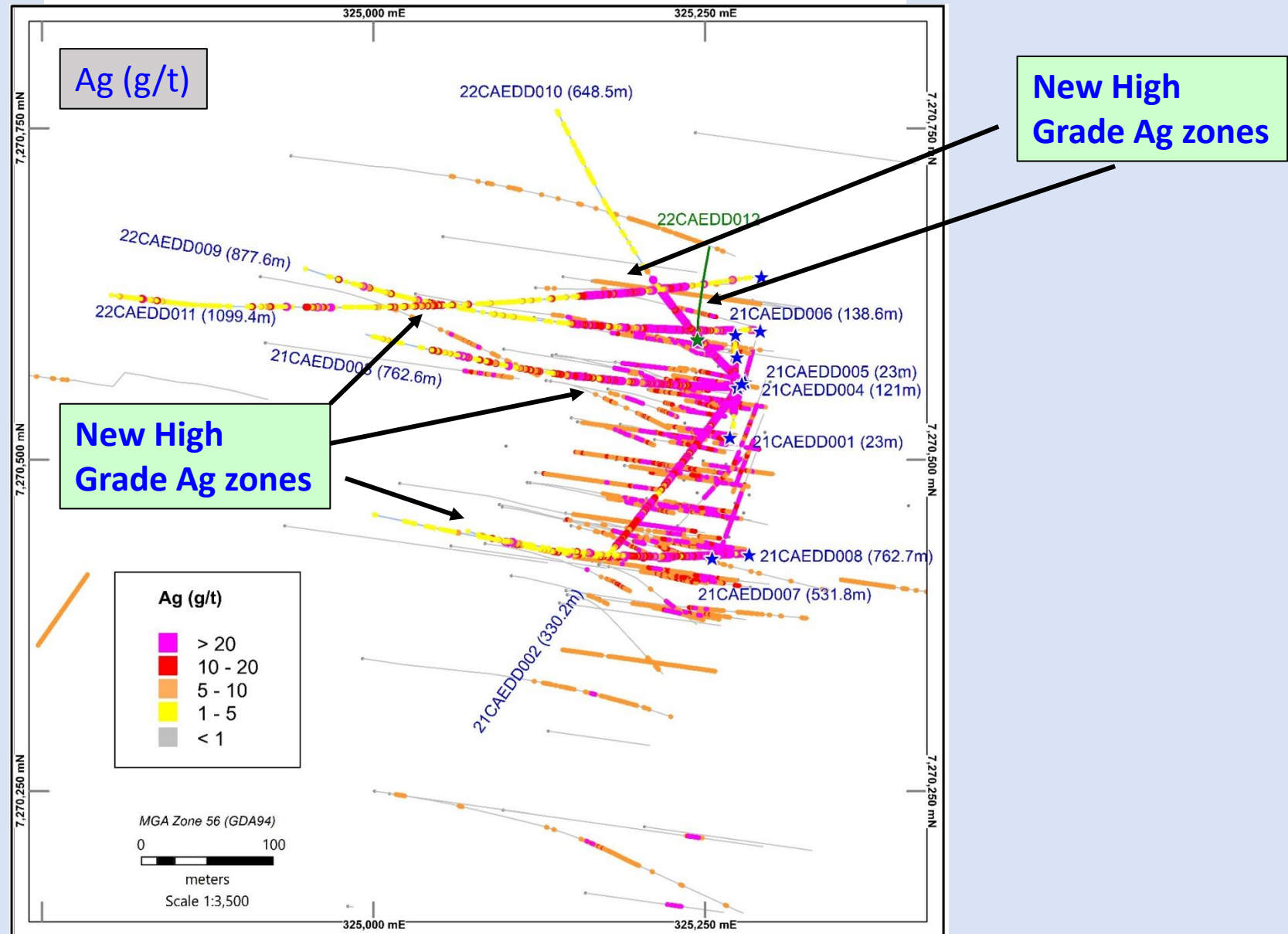


CAE 11
295m @1.14% Cu Eq
(121m-416m)
40m@1.23g/t Au
(775m-815m)
62m@0.54g/t Au
831m-893m
Total Mineralised
Aggregate
1022m @ 0.48 Cu Eq
(64-1086m)

CAE Drilling & Previous Drilling Plan View



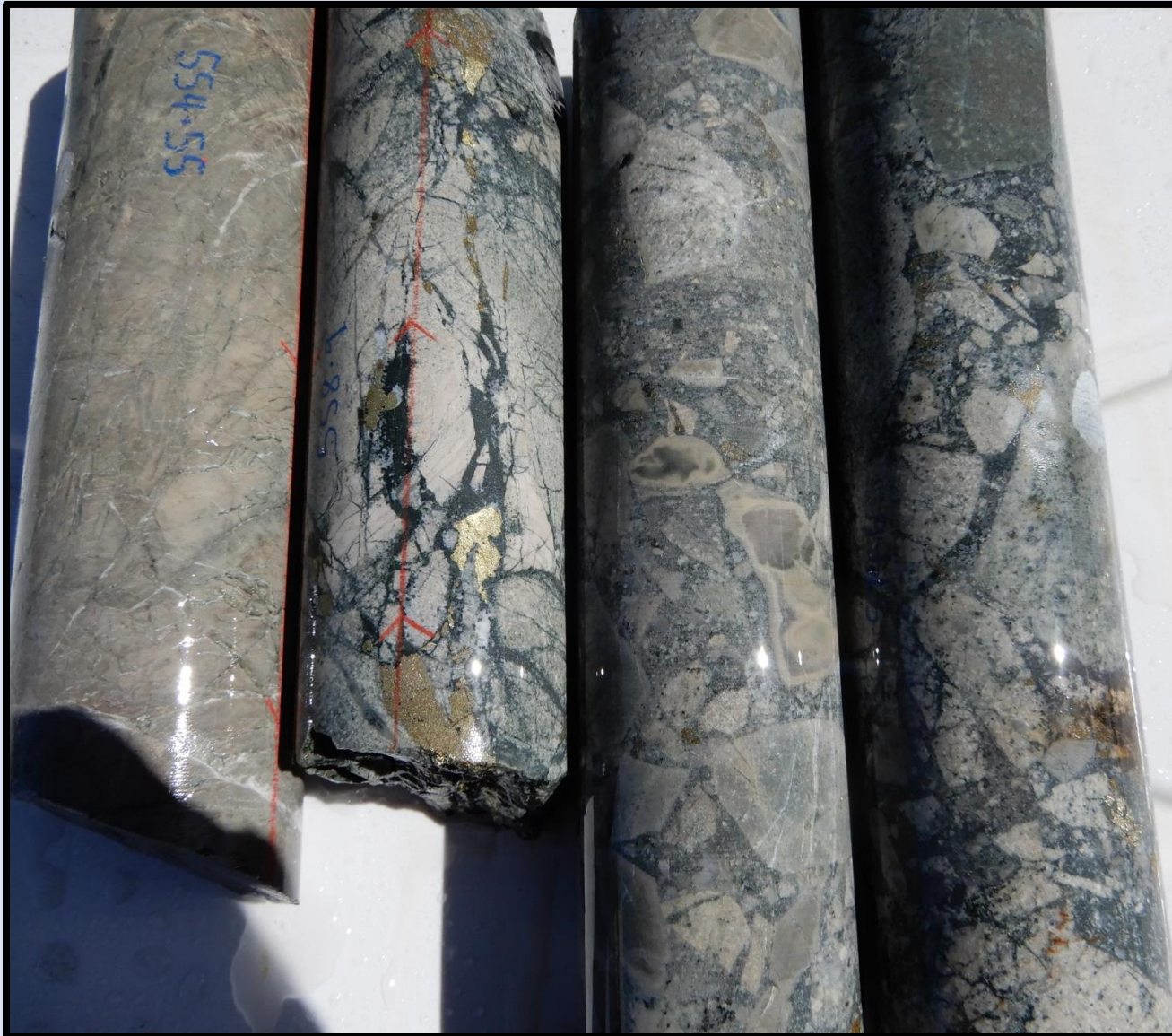
CAE Drilling & Previous Drilling Plan View





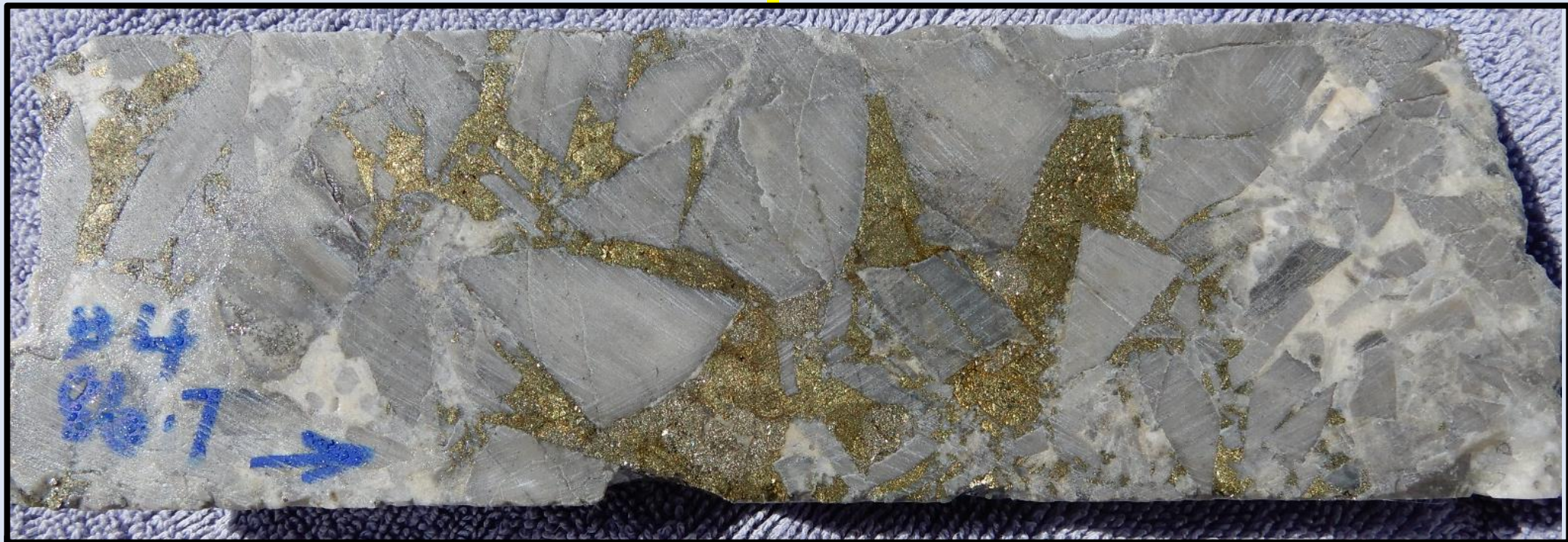


Mineralised Breccia Development hosted at contact diorite and hornfels



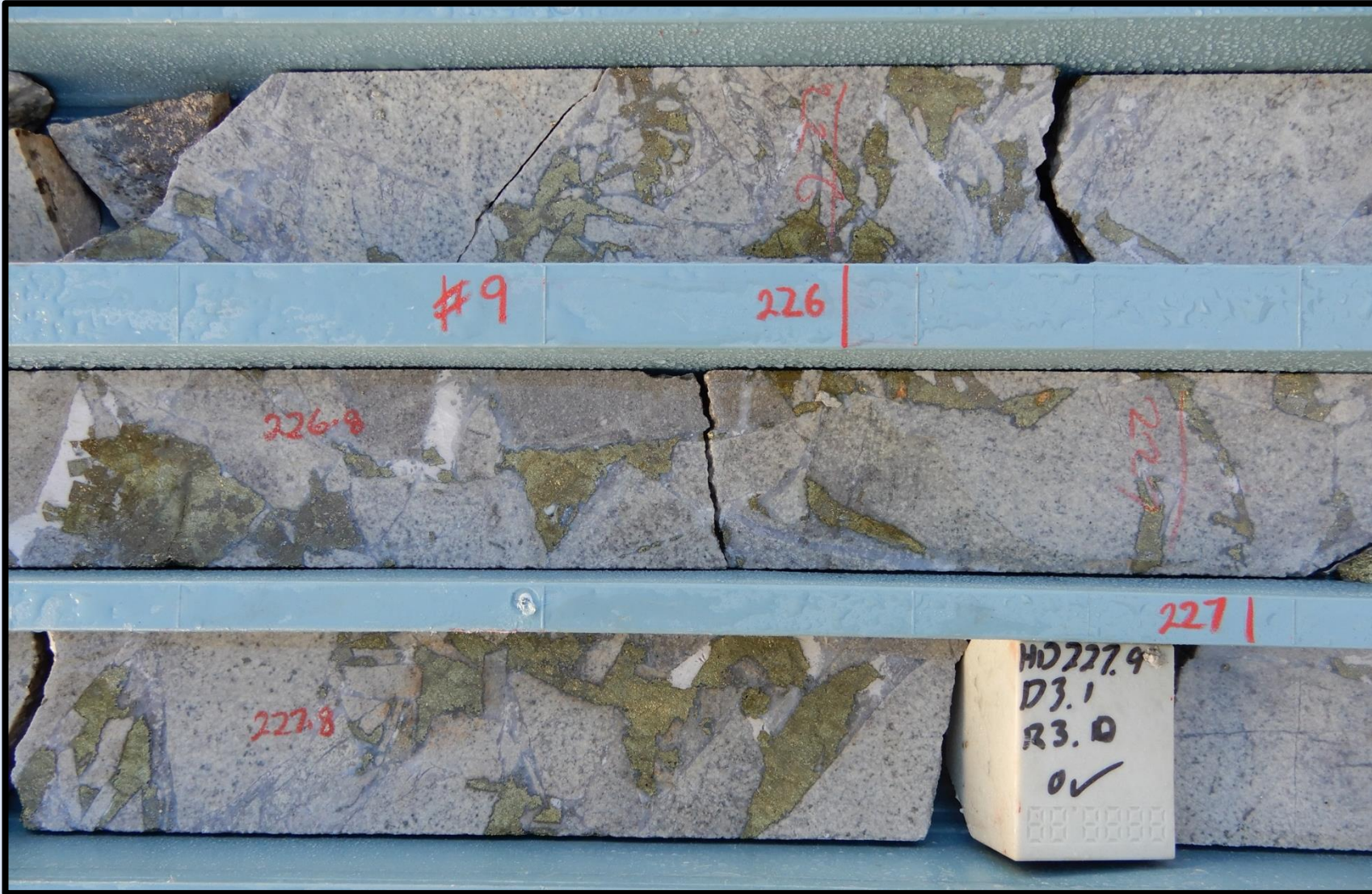
- Left to Right**
- (1) Vein Fracture network hornfels**
 - (2) Shatter Breccia hornfels**
 - (3) Crackle breccia monomict to Bimictic. Hydrothermal infill**
 - (4) Matrix supported breccia**
 - (5) Crush & fault zones.**

Copper Rich Infill Breccia : Hornfels Dominant Clasts



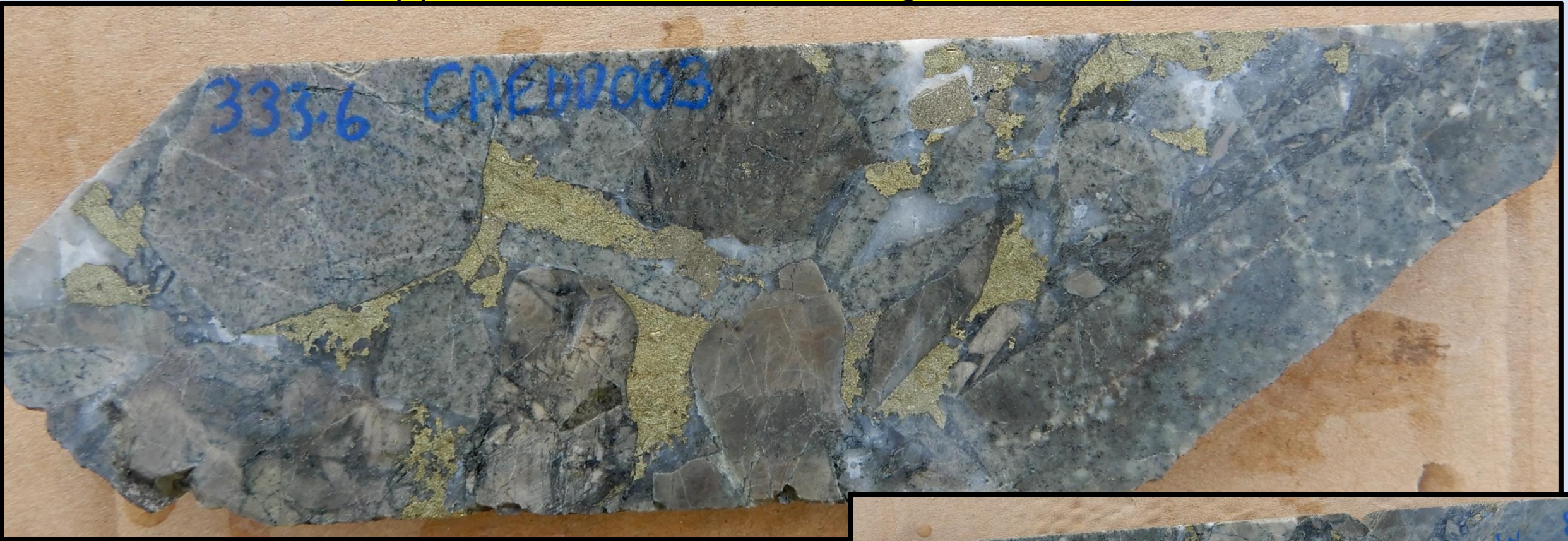
Monomict, angular clasts , infill of
chalcopyrite, pyrite, quartz, calcite.
Hole # 3 : 364m, Hole # 4 86.7m.

Copper Rich Infill Breccia Diorite Dominant Clasts



Monomict, angular clasts , infill chalcopryite, pyrite, quartz, calcite,
Hole# 9, 211m, 226-228m)

Copper Rich Infill Breccia, Range of Clasts



Polymict subangular –subrounded clasts hornfels, diorite, altered porphyries. Infill chalcopyrite, pyrite quartz calcite. Deeper levels of breccia.
Hole# 3 , 333.6m.



**Key Factors in CAE's Exploration Success at Mt Cannindah
Tried & True Procedures utilizing modern technology :
Innovation viewed with a Rear Vision Mirror.**

- **3D Review of planned drillholes to target connectivity of mineralization.**
 - **All Triple tube diamond drilling to date.**
 - **Careful attention to core orientation.**
 - **Structure measurements backed up by use of Core Orienting Frame .**
- **Careful attention to Core Recovery, Mark-Up, Presentation & Core Sawing**
- **Full JORC Compliant QA-QC, Blank sand, Matrix matched Internal standards as well as full range of CRMs.**
 - **Sludge sampling with PXRF analysis with results in real time.**
 - **Multi-element geochemical analysis , 4 acid digest, supported by PXRF.**
- **Sophisticated statistical Geochem analysis utilizing Principal Component Analysis.**

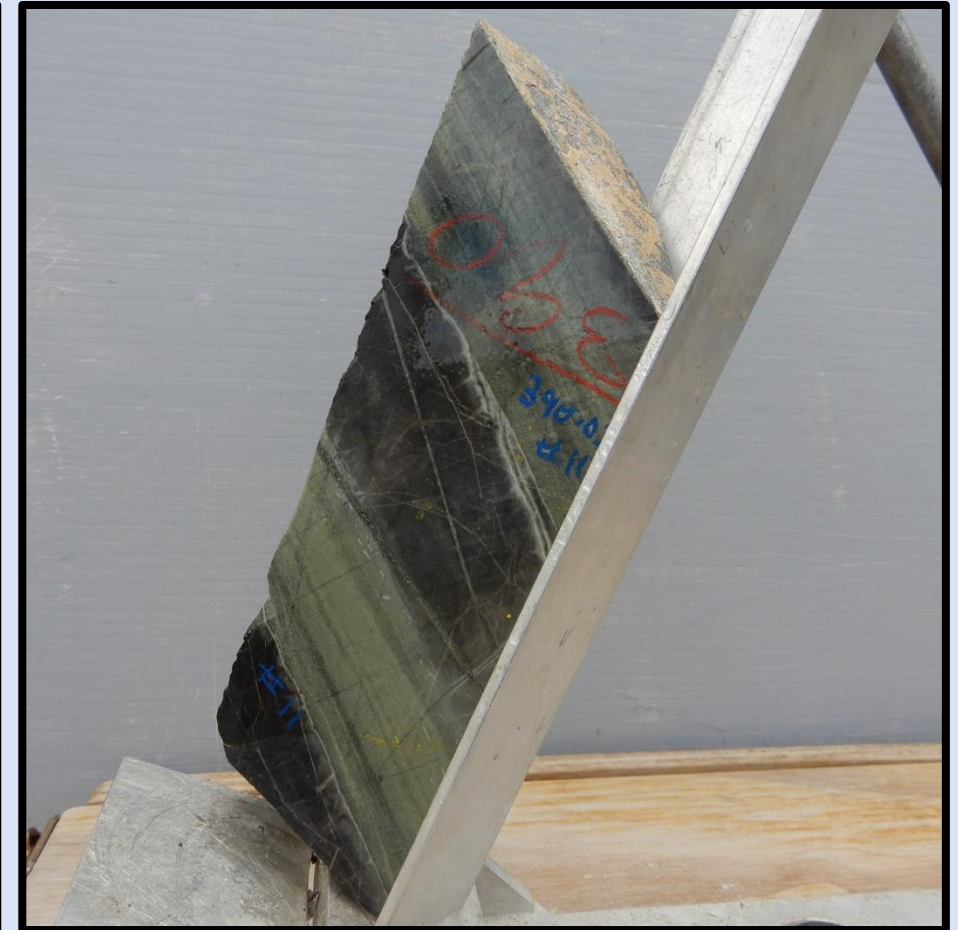
The Triple Tube Advantage



- Delicate crush zones, preserved with triple tube, Including structural information.
- Likely to be completely destroyed without triple tube.

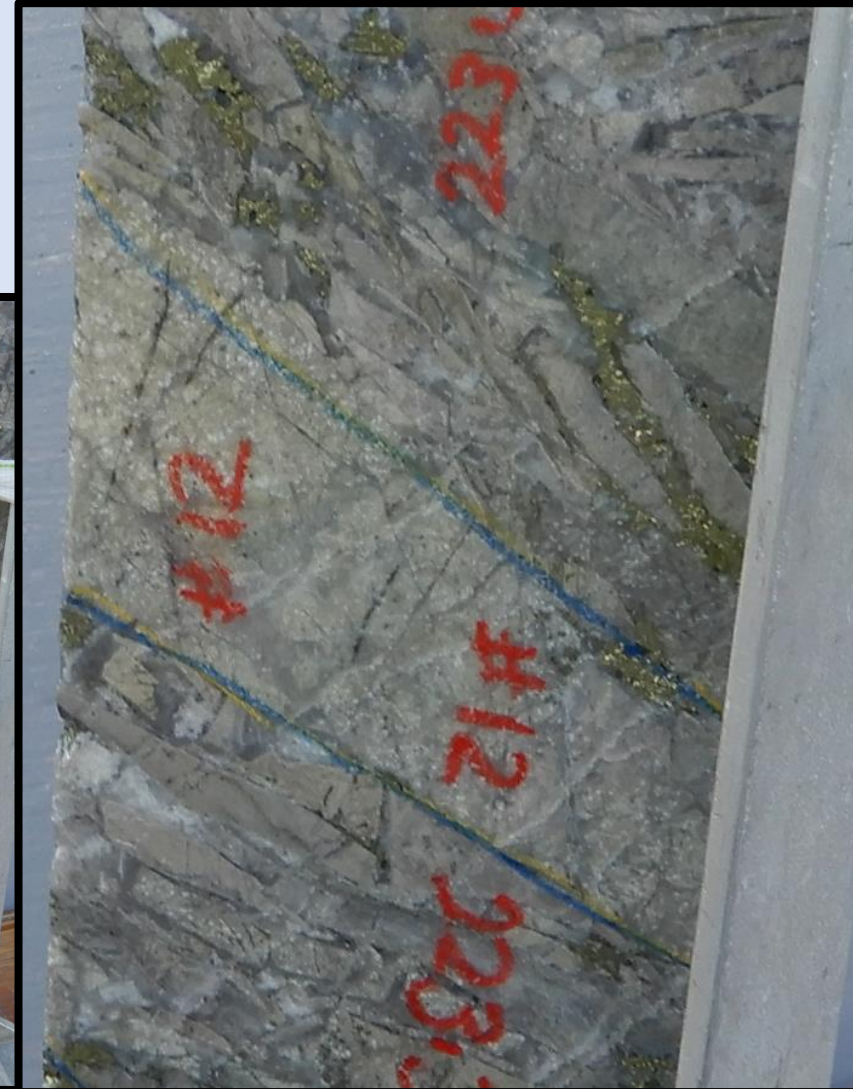


Core orientation : key to understanding breccia and mineralized structure geometry and attitudes.



Drilling right angle to bedding in hornfels.
Not Drilling Down dip!

Breccia Orientation : slabs generally flat & dipping east –
not drilling down-dip.



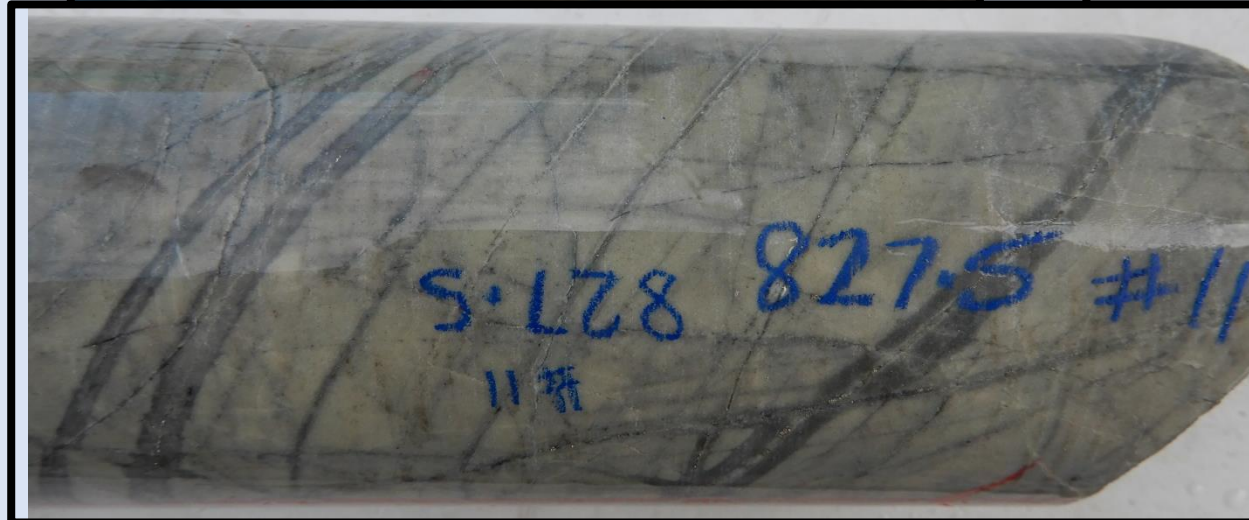
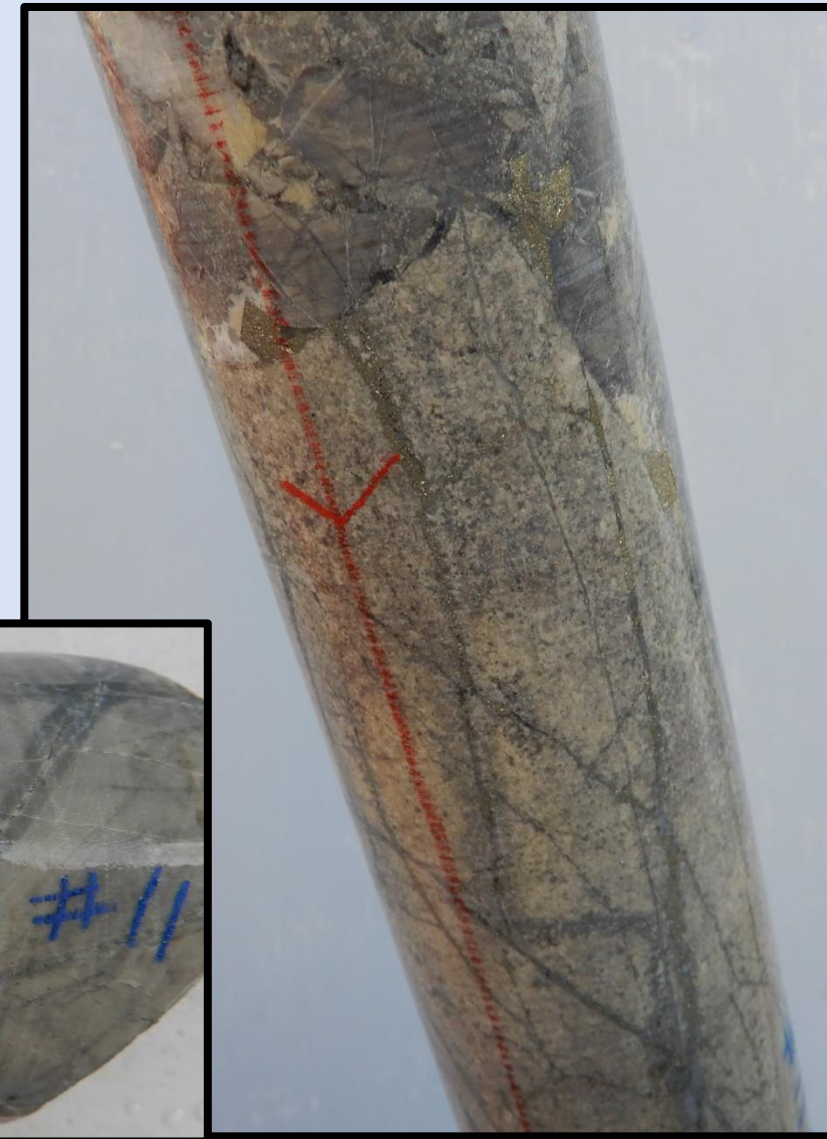
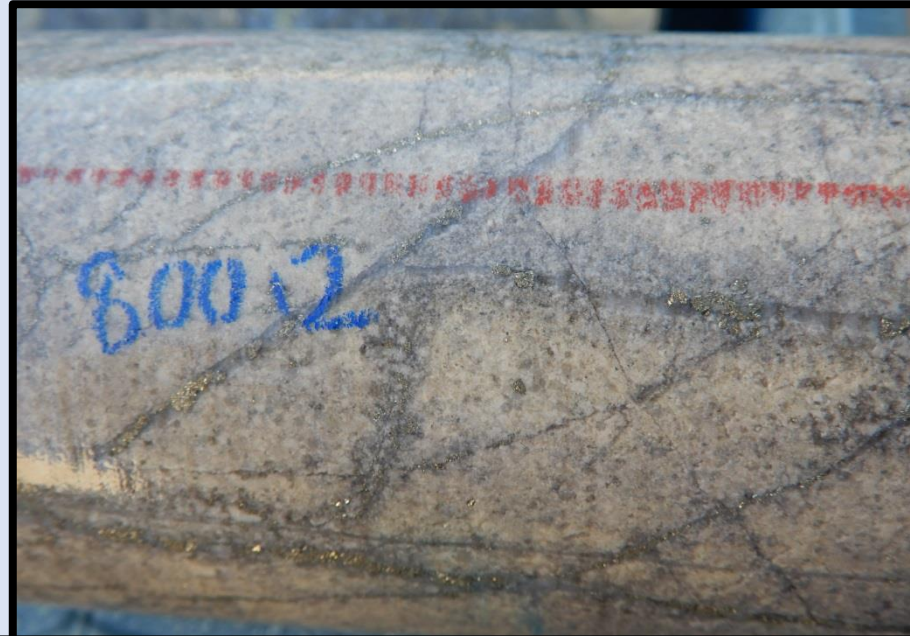
Steep High Grade Structures

LHS High grade
chalcopyrite –pyrite
vein . Hole # 11,
190m-191m assays
**1m @ 7.73% Cu, 5.47
g/t Au, 140.8 g/t Ag,**
17.92 % S. Looking
east along E-W
structure

RHS Sulphidic High
grade gold
structure. Hole # 7
450m to 451m :**1m
@ 81.64 g/t Au,**
107.3 g/t Ag, 0.14
% Cu, 30.5 % S.
Looking SE along
steep structure.

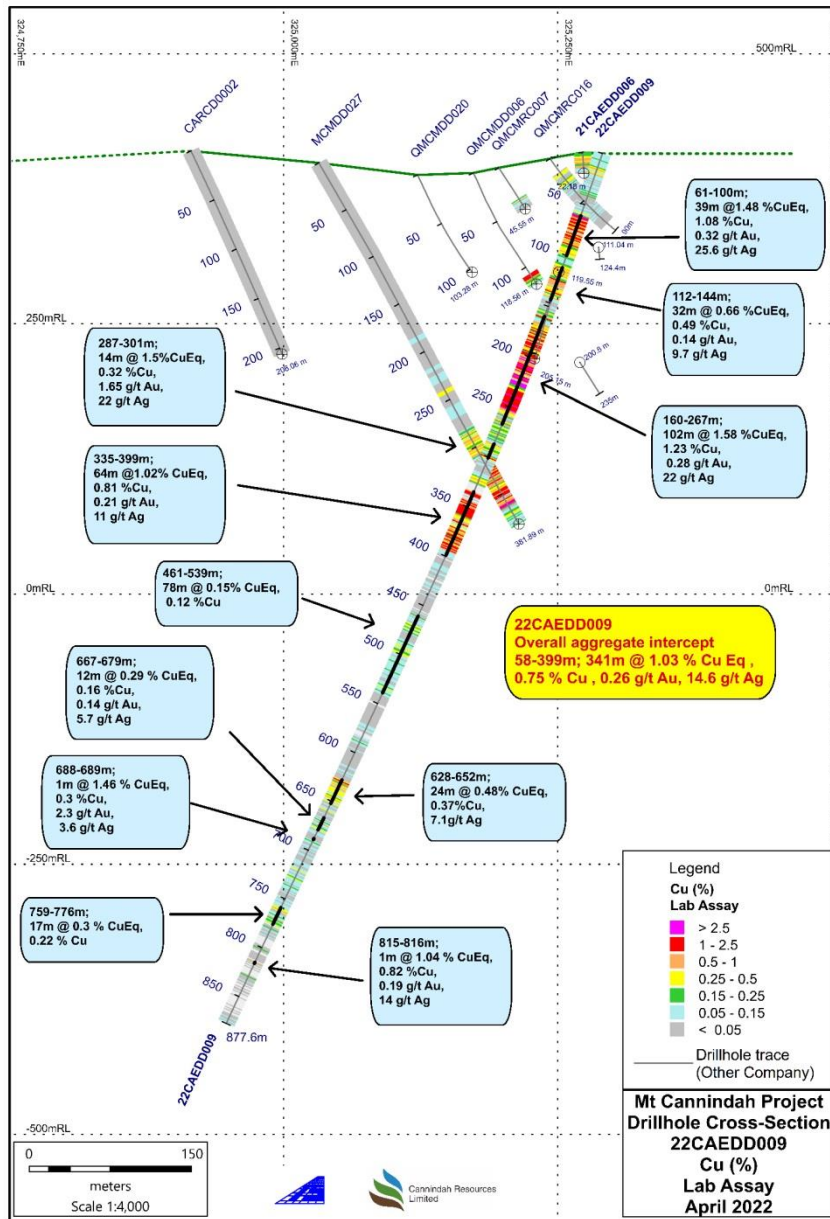


Other Geological Features (LHS) Post Mineral Andesite Dykes, (RHS) Porphyry stockwork veined clasts – at 800m plus but probably carried up from depth.



Chlorite matrix breccia sits below chalcopyrite-pyrite-calcite-quartz infill breccia. Still copper bearing down to 800 plus metres. Often overprinted by sericite.

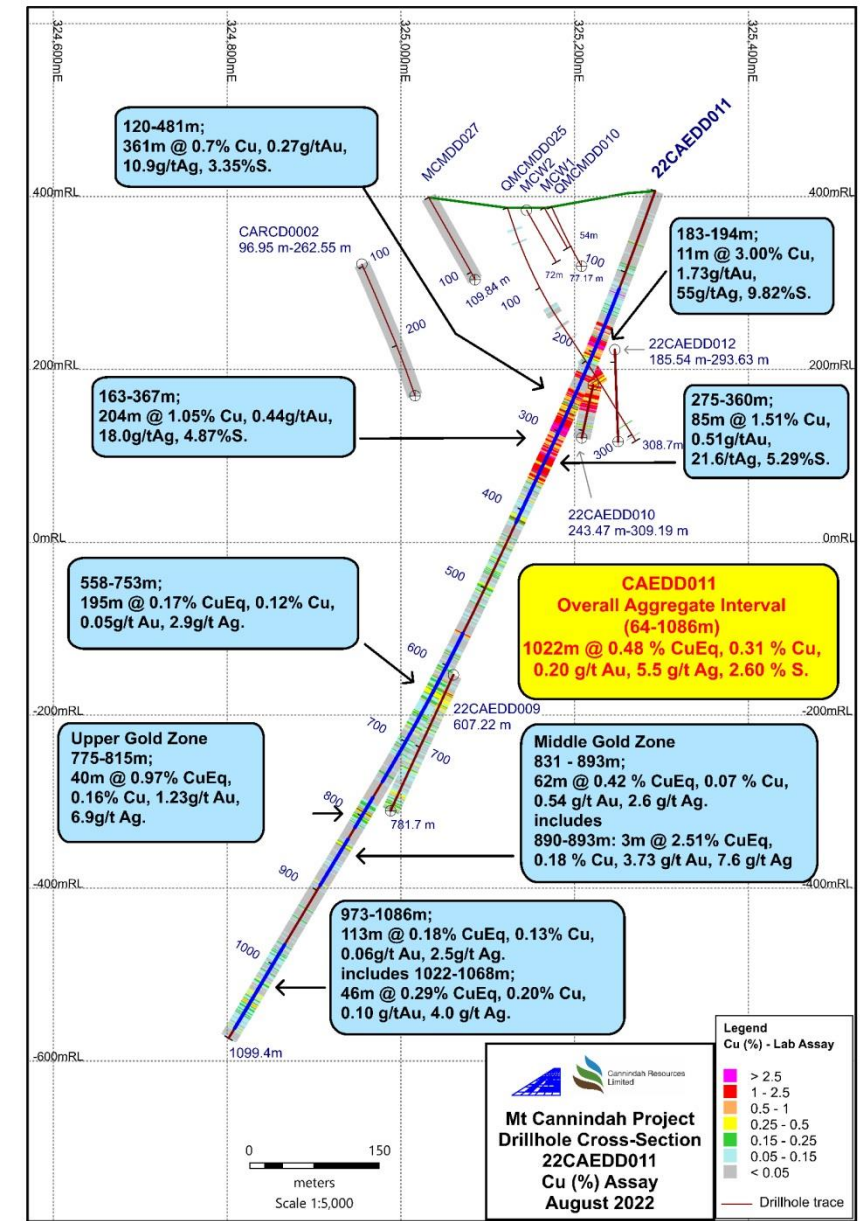




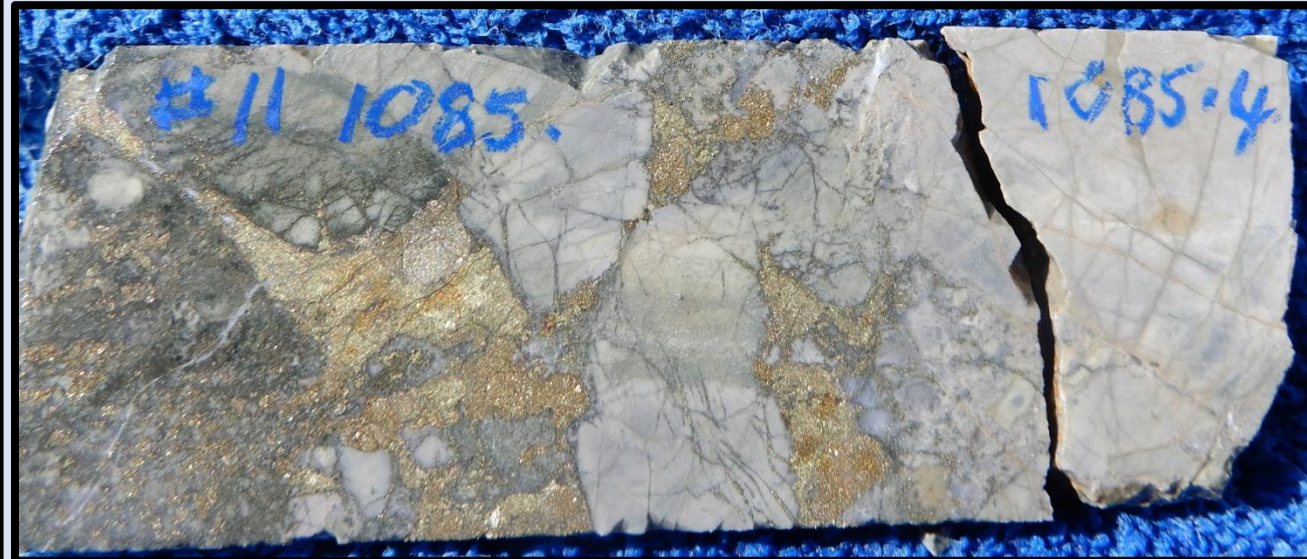
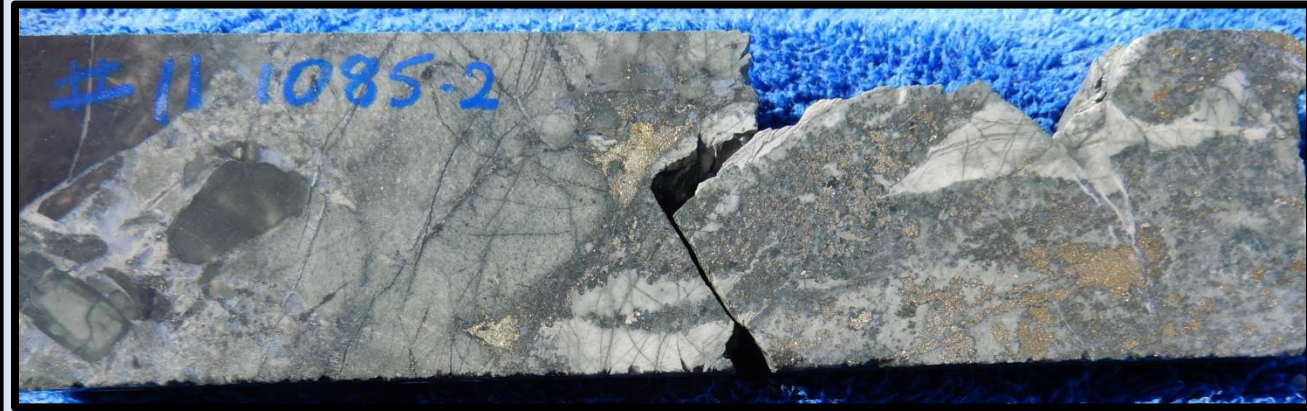
DD # 09
877m @ 0.48%CuEq

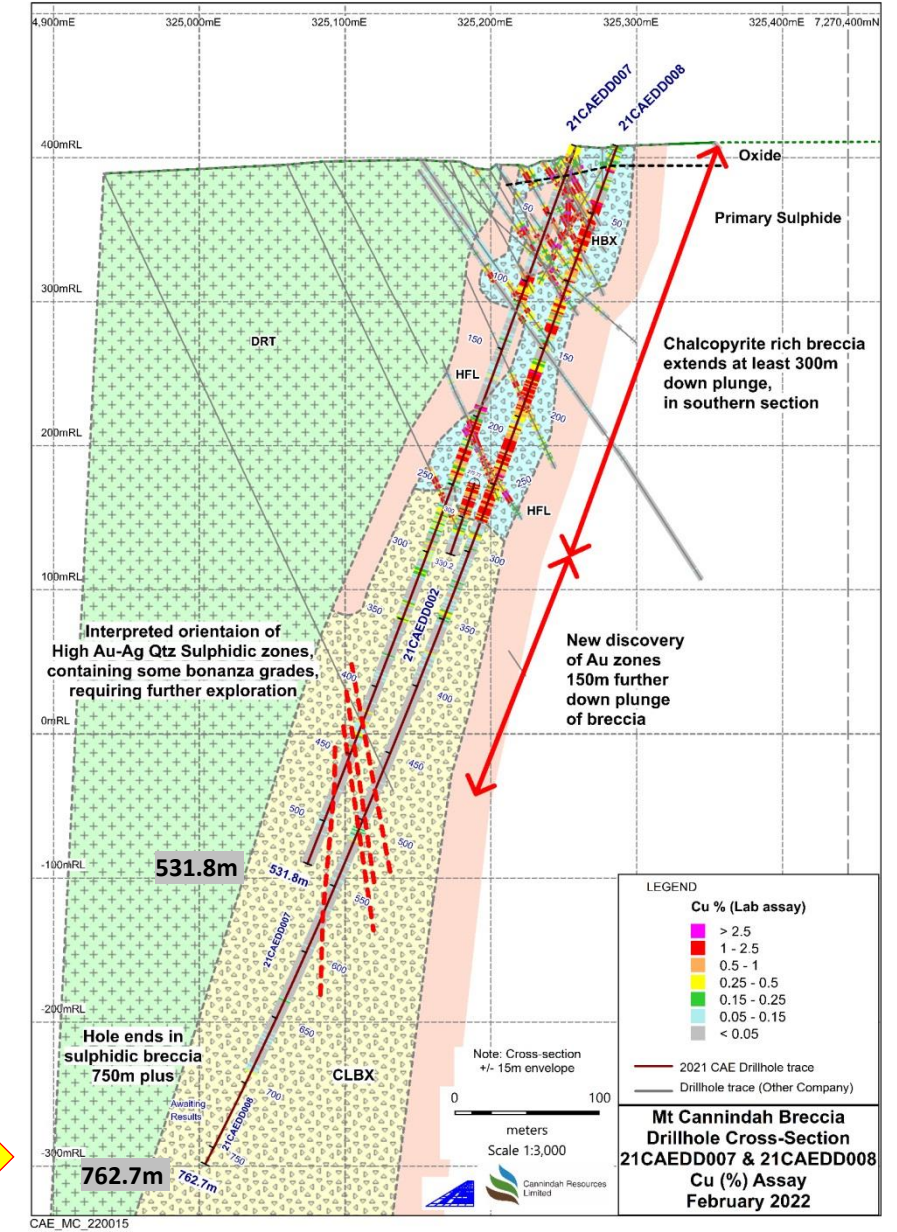
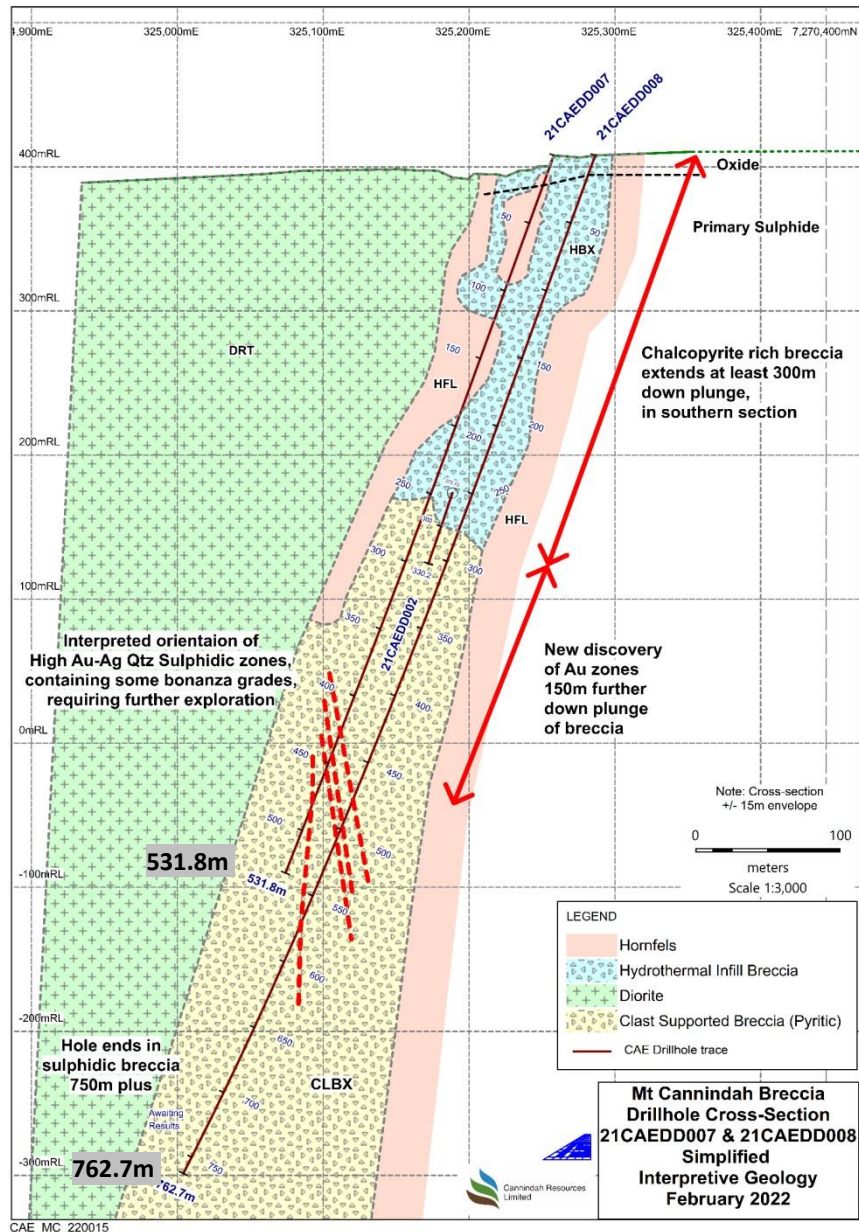
Deep potential of Mt Cannindah Breccia System Copper –Silver Gold Mineralisation observed 600m to 1100m.

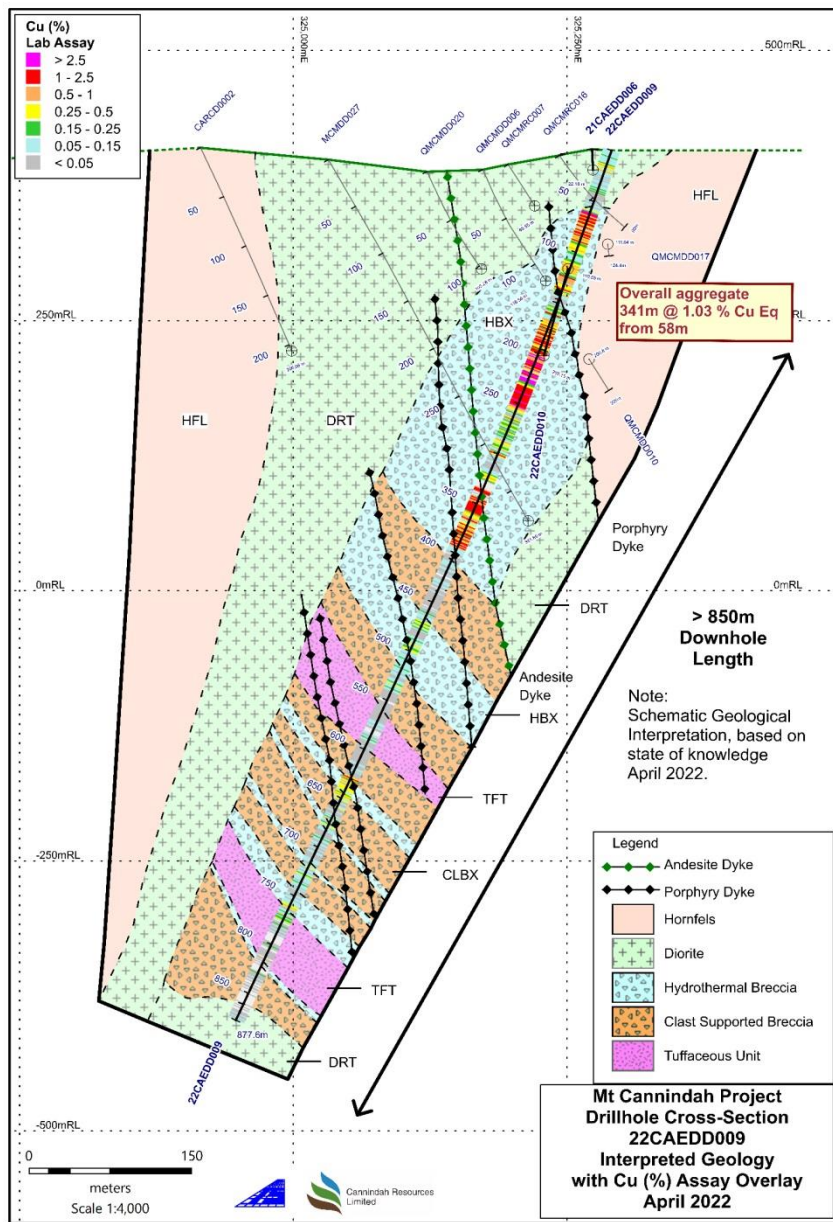
DD # 11
1022m@0.48%CuEq



Deep Copper Gold Mineralised Breccia : Hole #9 679m, 720m; Hole # 11 1085m.



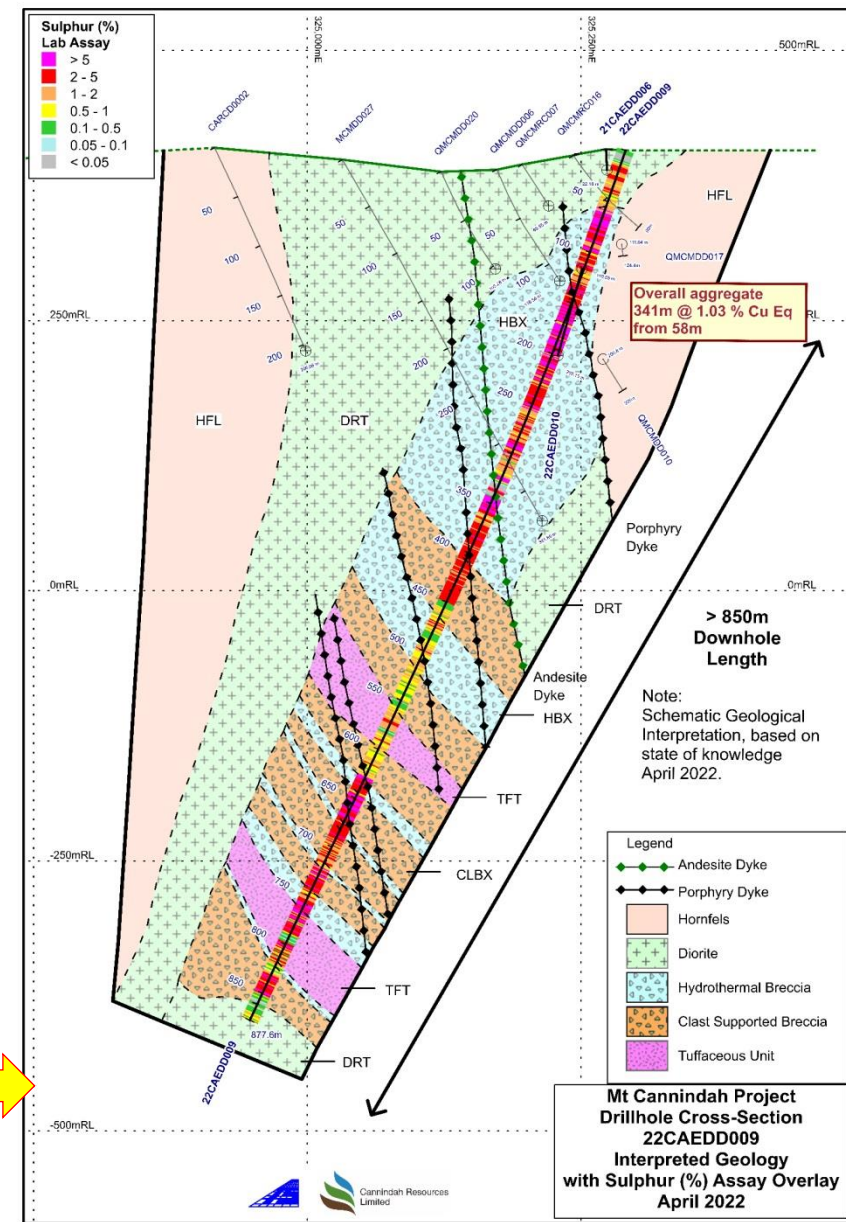




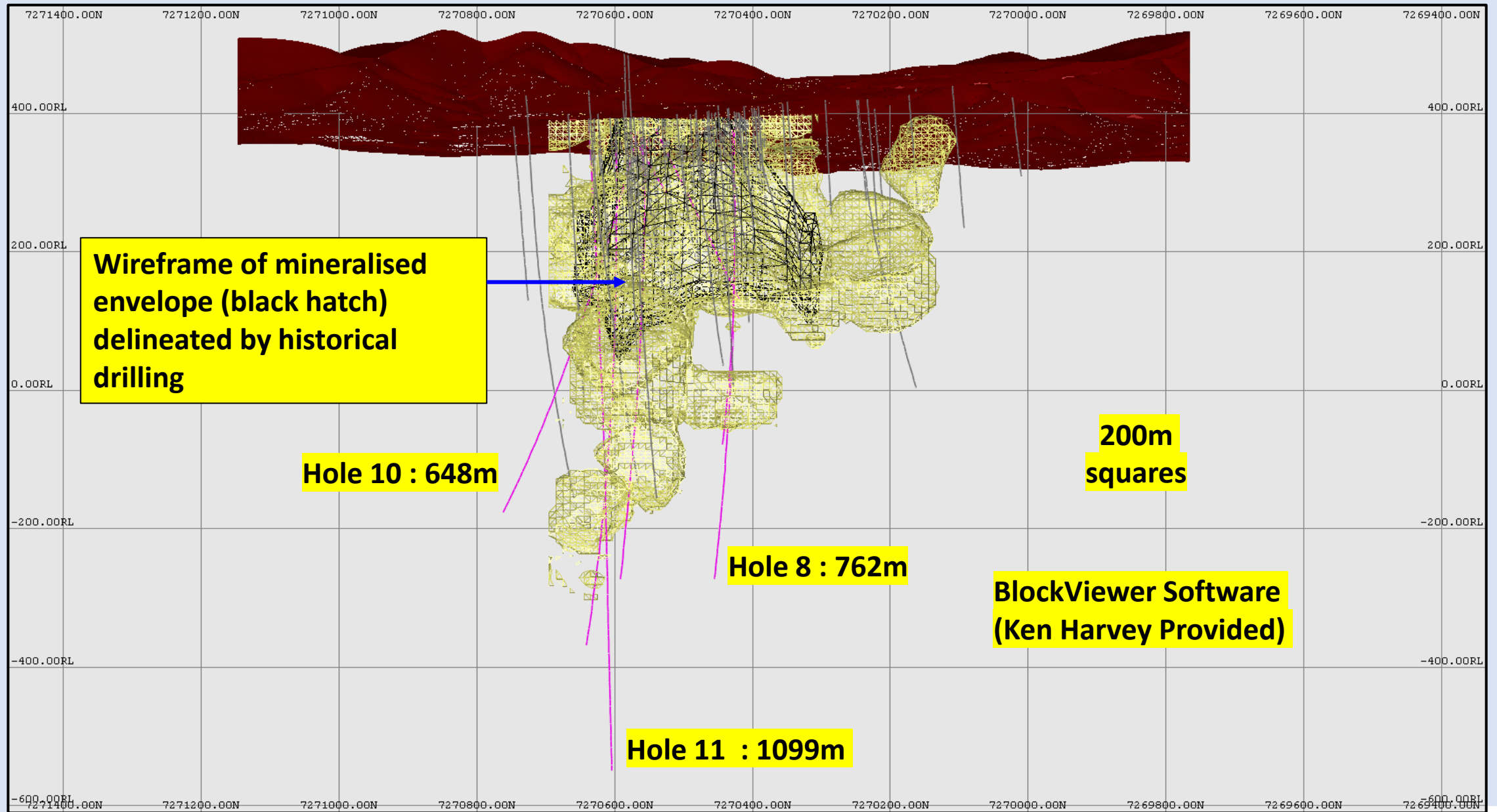
DD # 09 Cu (%) Lab Results (0-877.6m)

- Blue : Infill chalcopyrite rich breccia (sericite alt)
- pink brown : hornfels
- Green : diorite
- Orange brown : Clast supported breccia strongly pyritic (chlorite infill, sericite alt overprint)
- Pink Tuff units

DD # 09 Sulphur (%) Lab Results (0-877.6m)

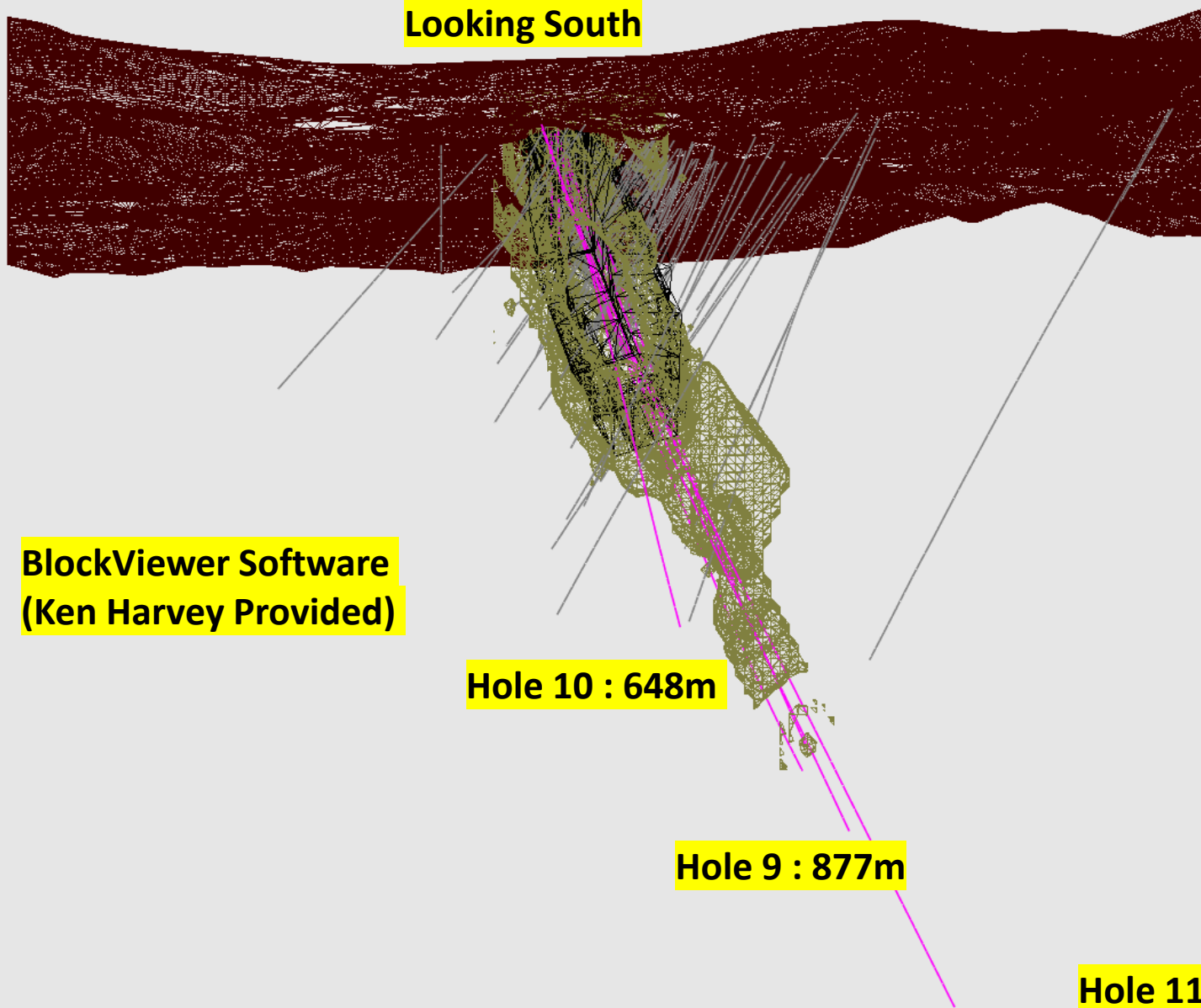


3D visualization of mineralization envelope at Mt Cannindah, July 2022 , Looking East



3D visualization of mineralization envelope at Mt Cannindah.

Looking South

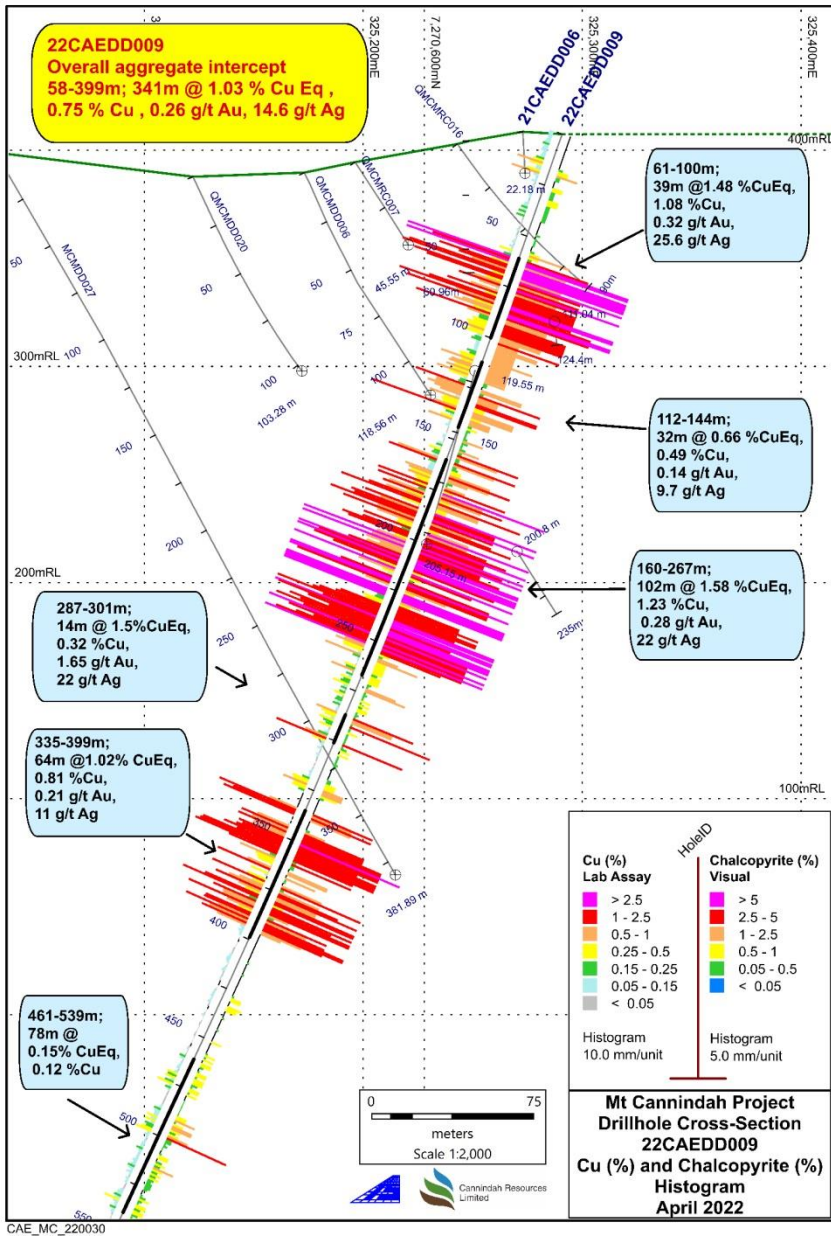


BlockViewer Software
(Ken Harvey Provided)

Hole 10 : 648m

Hole 9 : 877m

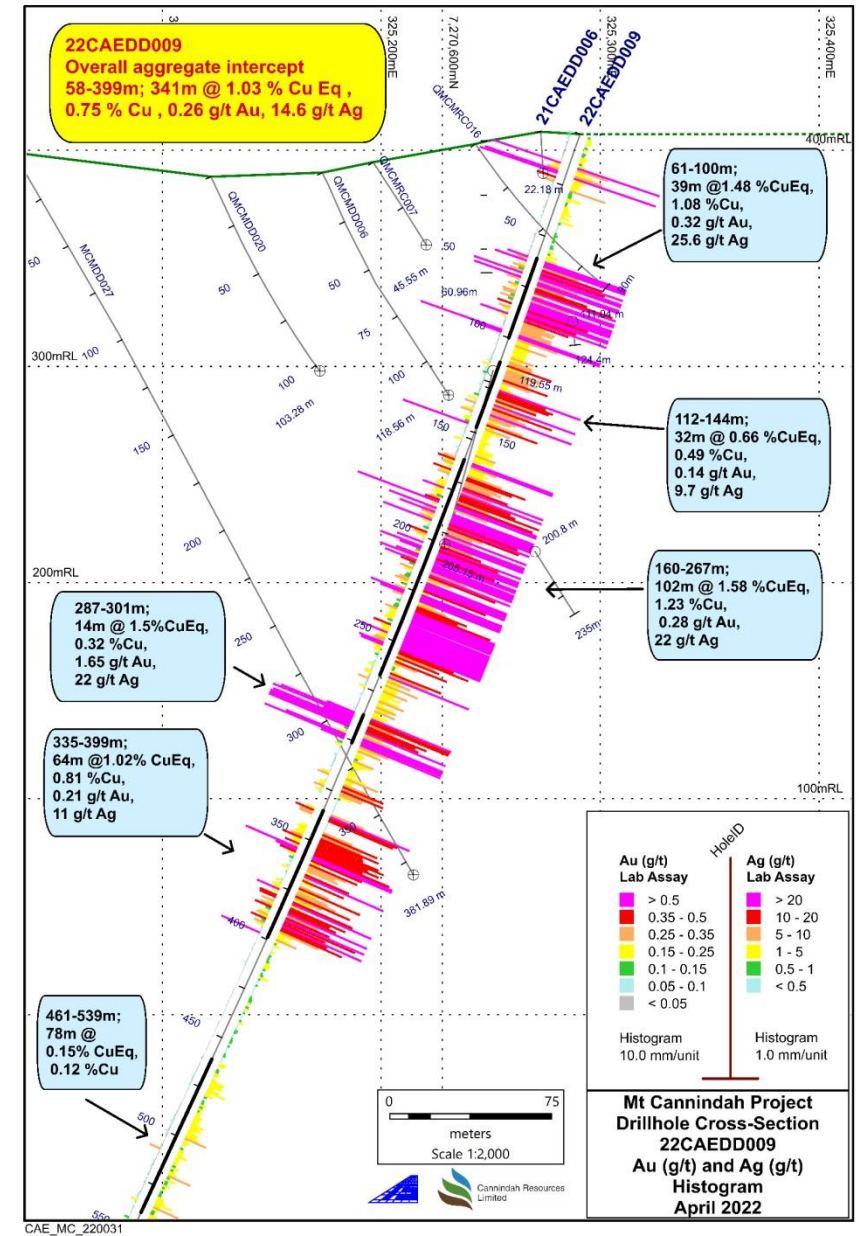
Hole 11 : 1099m



**High Correlation of Cu
with Au & Ag and
chalcopyrite content.
DD # 09
Cu vs Chalcopyrite
(0-500m)**

**DD # 09
341m @ 1.03%CuEq,
0.75%Cu, 0.26 g/t Au, 4.6 g/t Ag
(58-399m)**

**DD # 09
Au vs Ag
(0-500m)**



Sludge (diamond drill cuttings) sampling. With PXRF analysis provides timely geochem data during drilling
Retro Innovation : Sample Collection at drill collar on water return line.

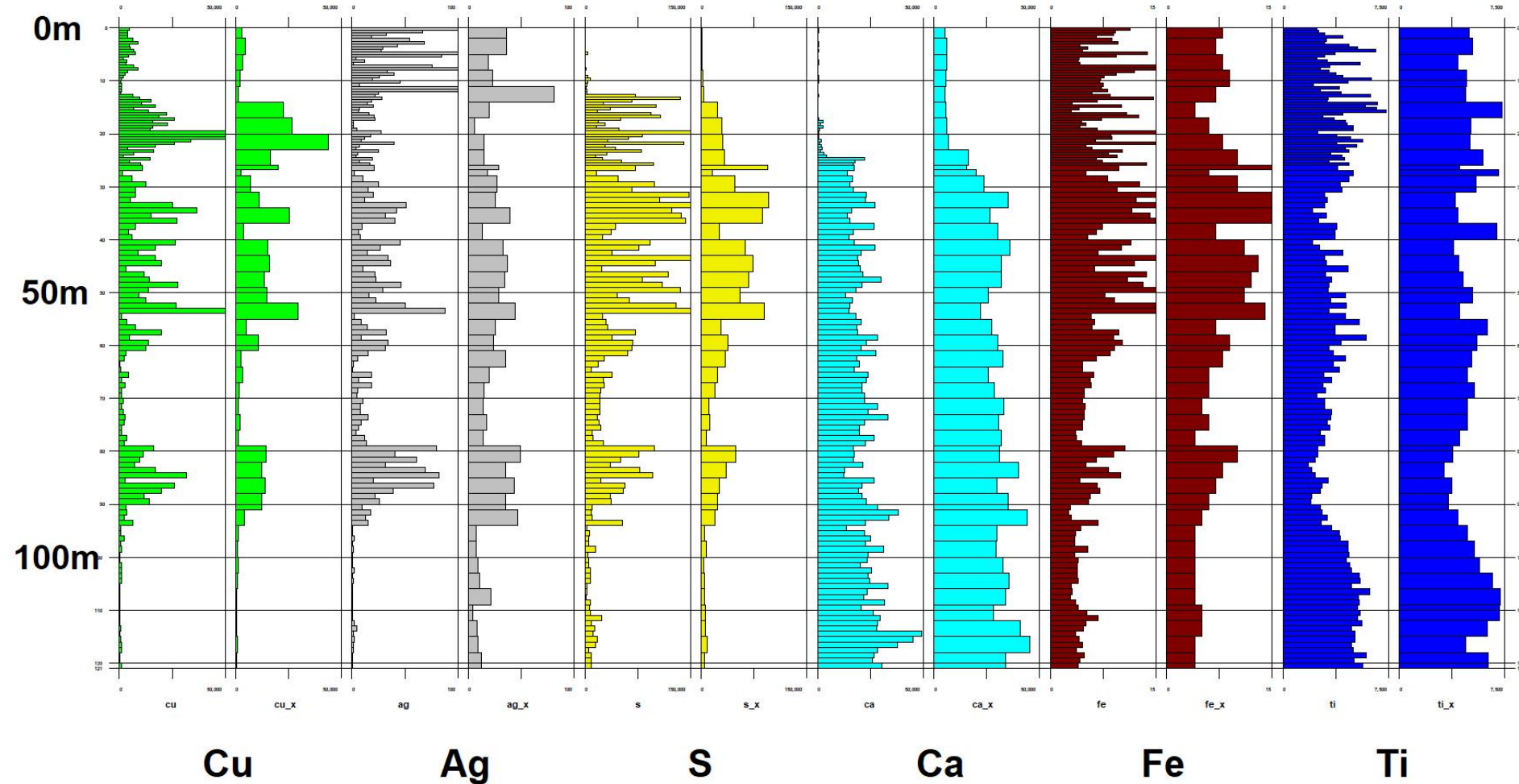


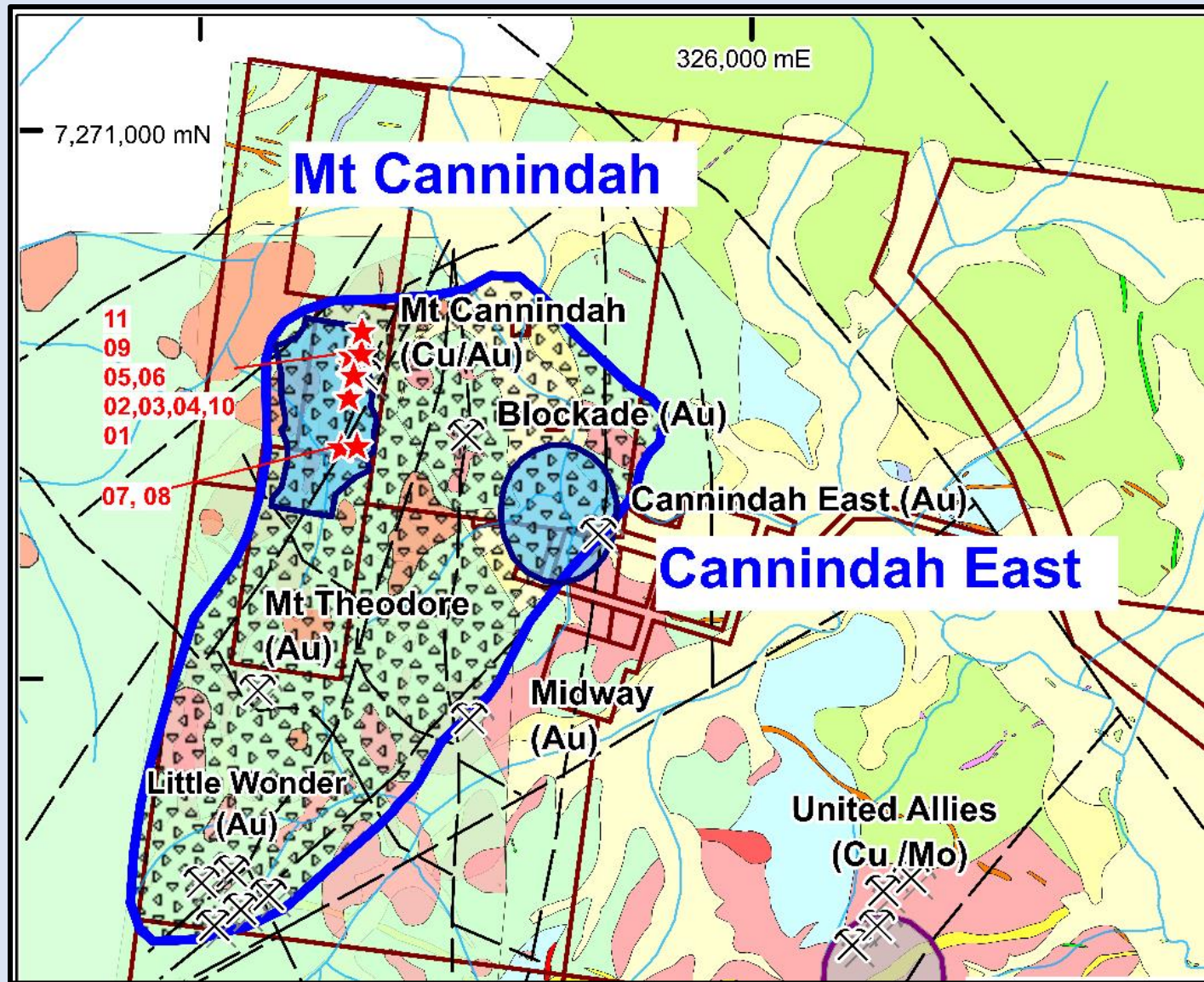
Sludge (diamond drill cuttings) sampling. With PXRF analysis provides timely geochem data during drilling
Retro Innovation : Drying of slurry samples



**Comparison of sludge analyses Vs Lab analyses . LHS Intertek Lab analyses (4 acid digest ICP) 1m half core.
RHS completely independent sample 3m sludge , dried and PXRF analysis (Bench Top conditions) . Same
scale for values.CAE Hole # 4.**

Log for 21CAEDD004





**2021-2022
Drilling Program
Drilling Hole 14 ,
Late August , 2022**

Exploration Success at Mt Cannindah highlights the potential of other breccia & porphyry systems within CAE's strong tenement position in the district. More drilling to come.

CANNINDAH PROJECT OVERVIEW



- Potential for
 - Expansion of Mt Cannindah
 - Cu-Au breccia identification at Cannindah East
 - New centres of mineralised brecciation



