

## Foliation boudinage structures in the Mount Isa Cu system

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### SUPPLEMENTAL DATA

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## Supplemental data

Table S1. Table of sampled drill hole coordinates, lengths, and collar orientations (negative inclinations are below the horizontal).

Table S2. Table of logged drill hole lithologies, foliation boudinage structure (FBS) occurrences and ore-grade Cu (>3 wt% Cu).

Figure S1. Stereographic projections showing all foliation boudinage structures with bedding measurements from the oriented RD drill core T667ED1.

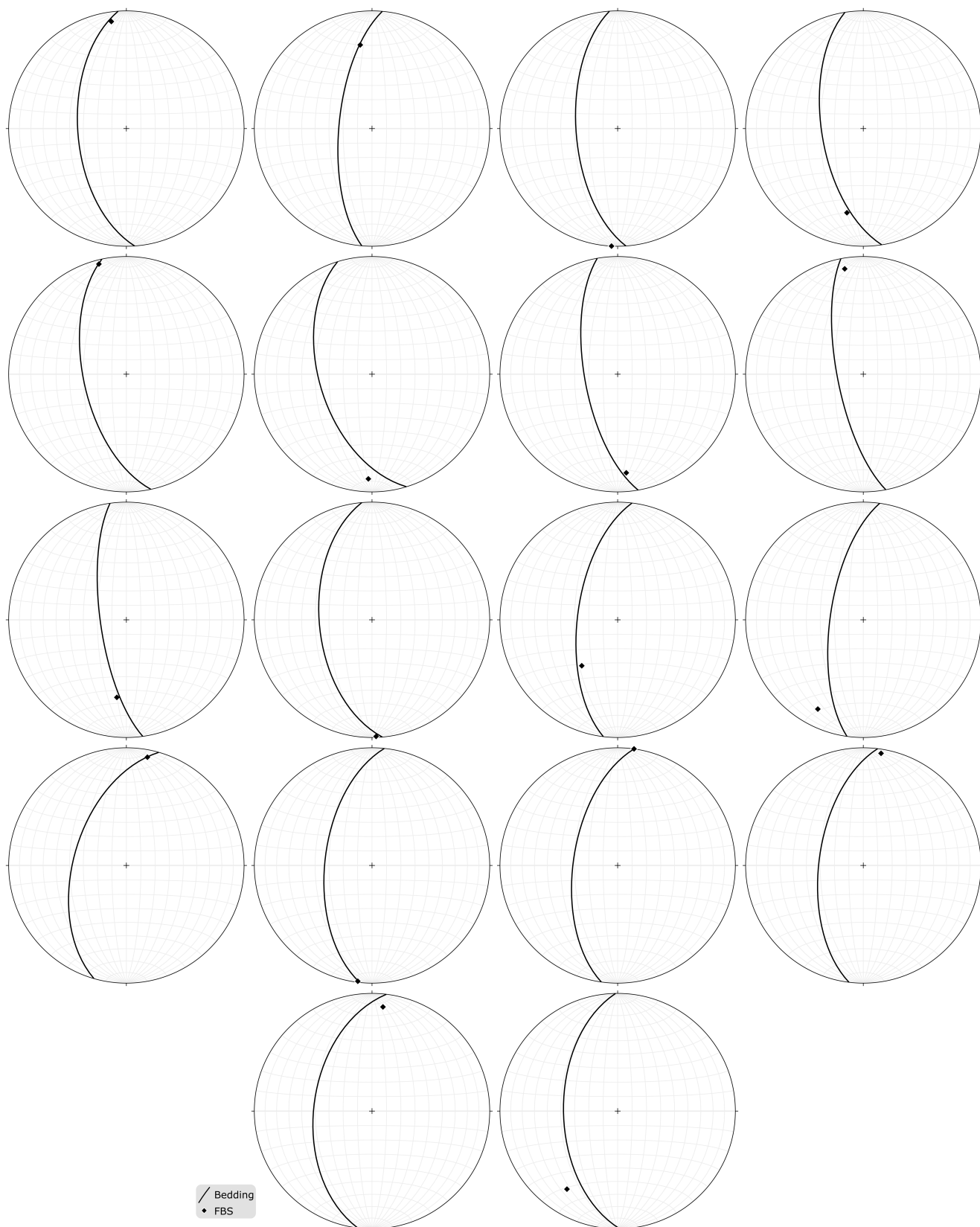
Figure S2. Downhole plots of Cu wt% for all drill holes analysed in this study.

**Table S1.** Table of sampled drill hole coordinates, lengths, and collar orientations (negative inclinations are below the horizontal).

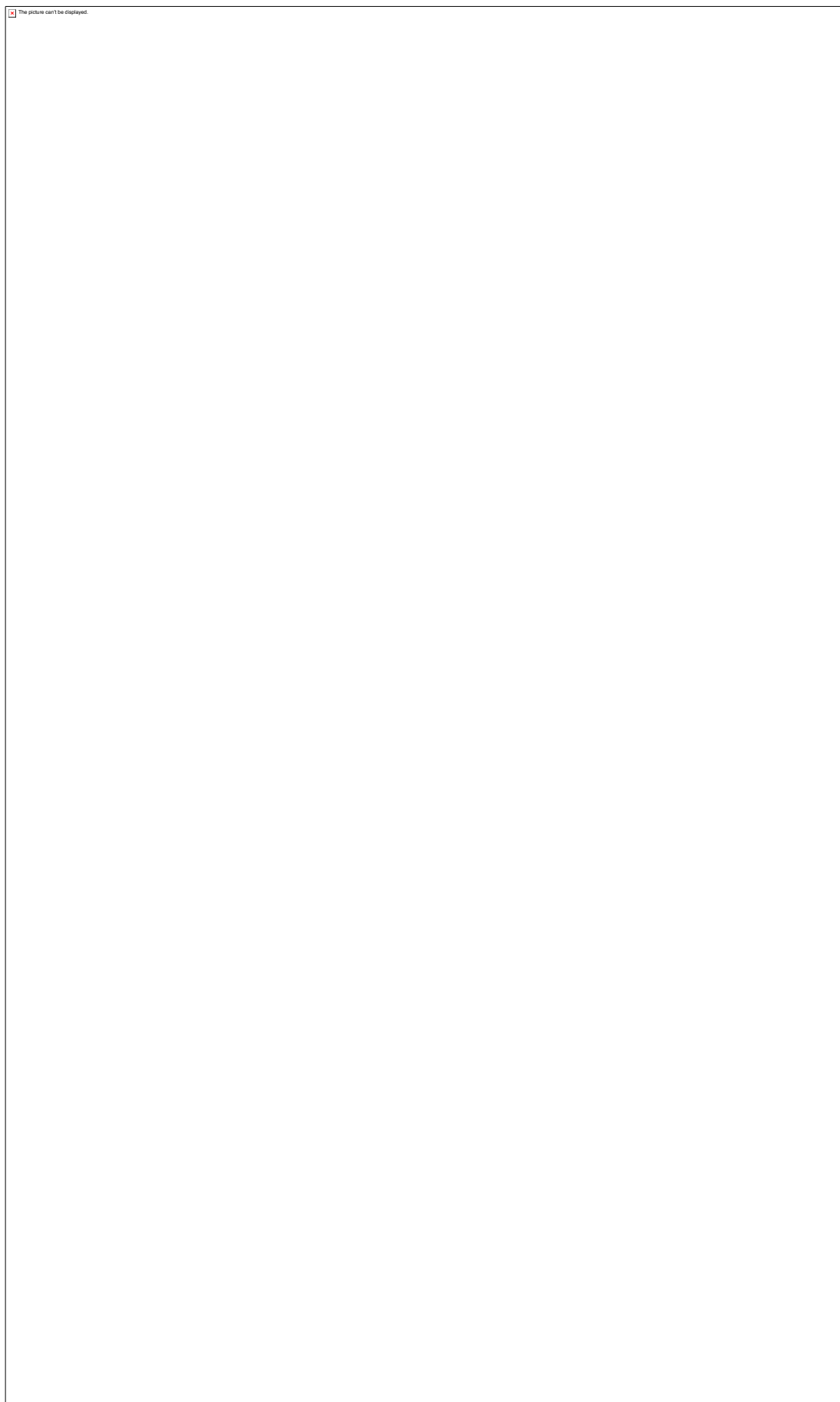
Hole ID	East (m)	North (m)	RL (m)	Drillhole length (m)	Collar Azimuth (°)	Collar Inclination (°)
201601132	1979.193	3465.884	2581.735	226.5	258	28
201602082	1957.491	3642.716	2574.835	122.8	90	25
201902142	2021.510	3854.920	2618.915	130	270	0
201903082	2047.047	3880.225	2649.895	519.8	85	2
201904022	2046.866	3880.292	2649.783	582.2	85	-18
201903122	1449.908	5742.455	2954.588	177.8	90	-46
201903112	1610.990	5817.437	2730.234	350	295	-36
201902182	2101.624	6583.680	2302.093	230	90	-65
201903052	2102.379	6583.731	2303.612	200	90	-10
201903092	2102.056	6583.736	2304.594	200	90	10
201902012	2118.286	6644.328	2304.735	200	90	-15
201605182	1986.020	6975.820	2045.800	132.8	90	0
201904012	1917.201	7334.105	1947.732	283	49	-65
T190ED1	1530	3214	3425	1050	87	-85
T667ED1	1580	7980	3470.9	1205.1	87	-75

**Table S2.** Table of logged drill hole lithologies, foliation boudinage structure (FBS) occurrences and ore-grade Cu (>3 wt% Cu).

Lithology	Total length logged (m)	Number of FBS	FBS as % of total	Total length >3% Cu (m)	Normalised value >3 % Cu (wt%)
Shale	1776.6	184	72	3.7	0.2
Pyritic shale (5–20%)	515.4	41	16	7.6	1.5
Pyritic shale (>20%)	110.4	0	0	0	0.0
Recrystallised shale	210.4	12	5	5.8	2.8
Irregularly brecciated recrystallised shale	458.7	2	1	6.8	1.5
Siliceous shale	203.1	10	4	4.9	2.4
Brecciated and fractured siliceous shale	164.9	6	2	18.9	11.5
Carbonaceous mylonite	13.9	0	0	0	0.0
Buck quartz	42.8	0	0	0	0.0
Greenschist	198.5	0	0	0	0.0
<b>Total</b>	<b>3694.7</b>	<b>255</b>	<b>100%</b>	<b>47.7</b>	



**Figure S1.** Stereographic projections showing all foliation boudinage structures with bedding measurements from the oriented RD drill core T667ED1.



**Figure S2.** Downhole plots of Cu wt% for all drill holes analysed in this study.