C1637

CLEVELAND TIN — GEOLOGY DEPT.

Hole Nº C1637

DRILL HOLE RECORD SHEET

Location: 24-25 Decline L/Bay   Sect: 6a

Objective: Foley's Zone   Category: F/E

Proposed Azimuth: 132° 200°   Proposed Dip: -50°

Survey P/U Azimuth: 194° 11' 31" (200°)   Survey P/U Dip: -50°
* As for C1642 unable to pick up hole

Instrument Azimuth Correction Factor: +1·2

Calcd by M.L. HUGHES
11-11-81

Collar Co-ords: 15402·115 N. 10789·715 E.

Collar R.L.: 493·145   Final Depth: 277·5

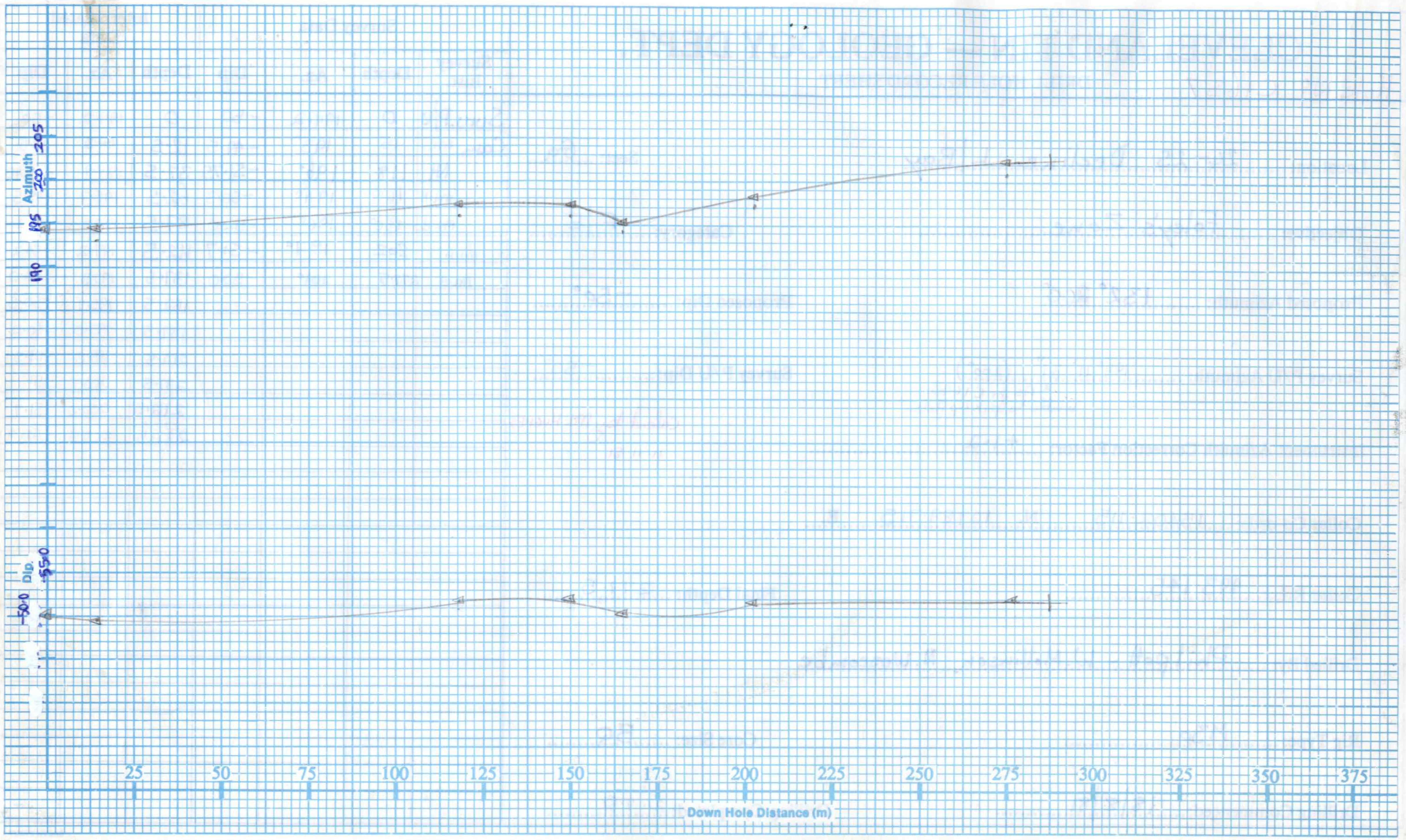
Drilled By: Philpott - W. Mollinson, N. Wescombe

Rig Type: M30   Core Size: BQ

Drilling Commenced: 18/8/81   Drilling Completed: 21·9·81

Survey Data				Interpolated Data		
Survey Inst.	Depth	Az.	Dip	Depth	Az.	Dip
Surv. P/U	0	194·2	-50	0	194·2	-50
Cam M.L.	15	193°	-49·5	12·5	194·2	-49·5
NH	118	196°	-51·75	37·5	194·9	-49·25
M.L.H	150°	196°	-52·0	62·5	195·7	-49·5
M.L.H	165°	194°	-50·3	87·5	196·2	-50·1
M.L.H	202	197°	-51·7	112·5	197·2	-51·2
M.L.H	277·5	201°	-52·0	137·5	197·5	-52·0
				162·5	195·7	-50·5
				187·5	197·0	-50·2
				212·5	199·0	-51·5
				237·5	200·7	-51·7
				262·5	202·0	-51·7
				277·5 287·5	202·2	-52·0

SMITH PRINT


Azimuth
205
200
195
190
Dip.
-55.0
-50.0
25
50
75
100
125
150
175
200
225
250
275
300
325
350
375
Down Hole Distance (m)

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE Nº C1637

BY E.V.D

DATE Jan '82

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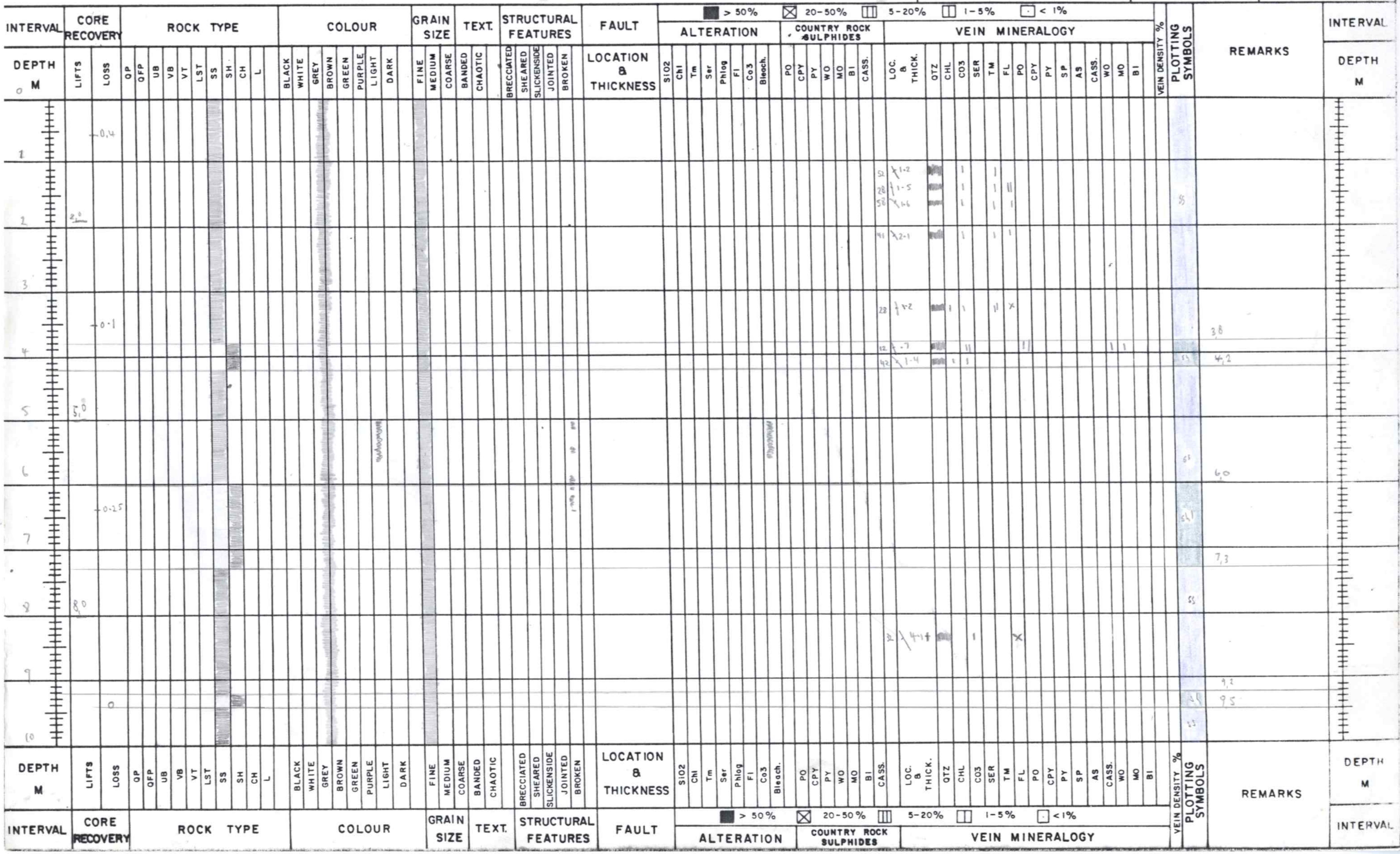

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE No C1637

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	SS	SH	BROWN	FINE		LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS
10–11	11.0		▨		▨	▨	7	| ·6	▨		|			|							|	|			
11–12			▨		▨	▨	38 16	\ 1·7 \ 1·2	X ▨	|	X |		 ·	X							|	| |			
12–13		0	▨		▨	▨																			SS	
13–14	14.0		▨		▨	▨																				
14–15			▨		▨	▨																				
15–16		–0.15	▨	▨	▨	▨	25	| ·5	▨		|		|	|	·	·					·	|	·		Sh1	15,6 16,0
16–17	17.0		▨		▨	▨																				
17–18			▨		▨	▨	38	\ 15+	▨		|			||		|	·				·	·				
18–19		0	▨		▨	▨	11	\ ·6	▨		|			|							|	|			
19–20	20.0		▨		▨	▨	15 18 32 39	| ·6 | ·8 X ·6 \ 1·2	▨ ▨ ▨ ▨		| | | 			| |							|| | | |	|| | | |			

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SiO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | INTERVAL

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Legend: ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	CORE RECOVERY LIFTS	CORE RECOVERY LOSS	FAULT LOCATION & THICKNESS	VEIN MINERALOGY LOC. & THICK.	QTZ	CO3	TM	FL	CPY	PY	AS	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
20	20,0															20,1
21																
22		0														
23	23,0														shl	
24																
		0														
25																25,0
			soft sandy infilling?	18 \-9	■	1		X				11	1	•		
26	26,0			9 \1-1	■	1	1	11				1	1	°	ss	
				41 x 2-1	■	1			11	1	11					
27				35 \1-3	■	1		11				11	11			26,9
															sh	27,3
		0														
28				21 \1-8	■	1		11				11	1		ss	28,1
29	29,0														sh	29,1
															ss	29,3
30															sh	30,0

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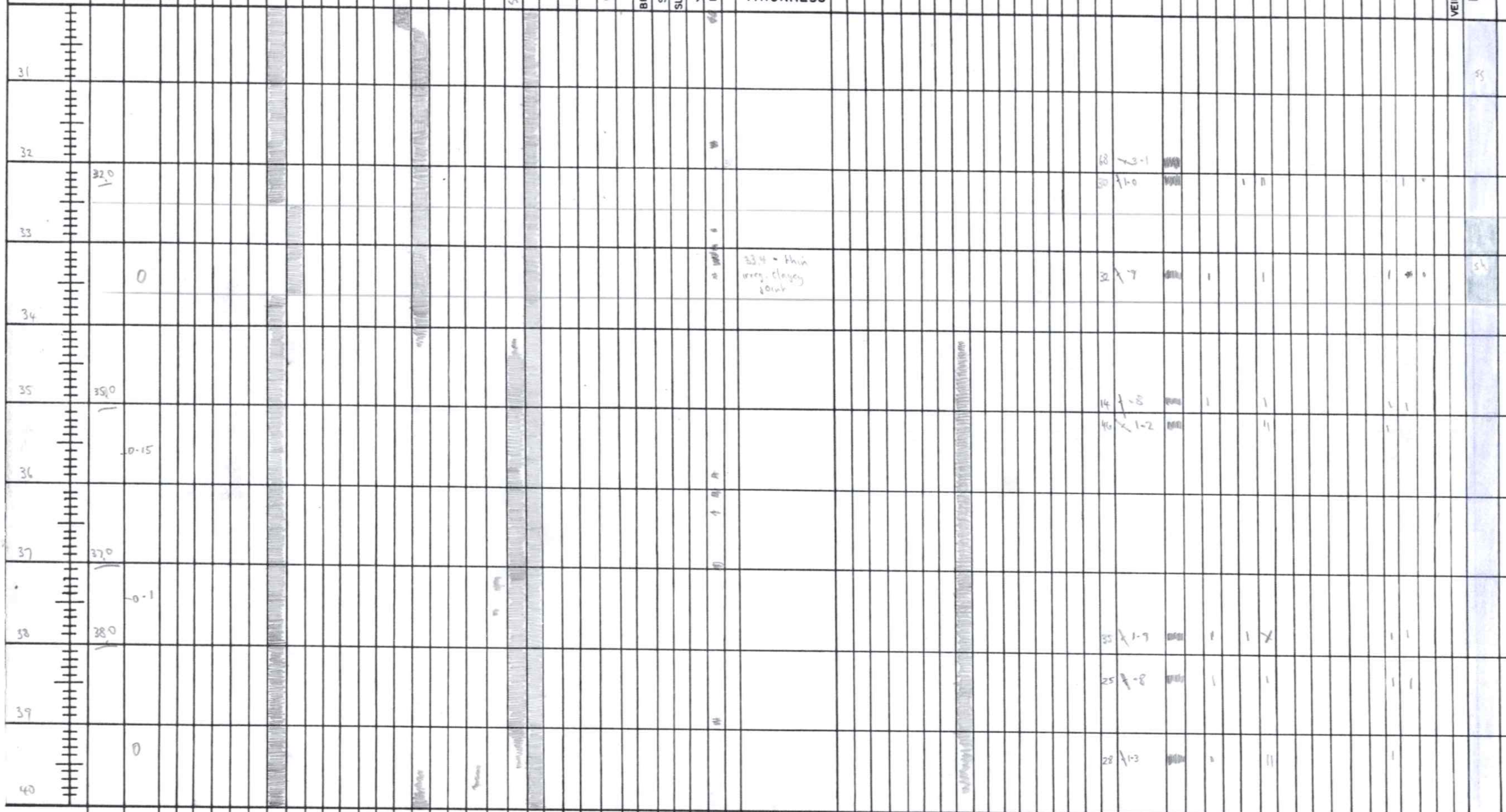
Legend: ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%



DEPTH M	LIFTS	LOSS	FAULT LOCATION & THICKNESS	VEIN MINERALOGY LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
30						
31					55	
32	32.0			68 ~3-1 30 \1-0		32,5
33		0	33.4 - thin irreg. clayey joint	32 \·9	54	33,6
34						
35	35.0	0-15		14 \-8 46 X 1-2		
36						
37	37.0	0-1				
38	38.0			35 \1-9 25 \-8		
39		0		28 \1-3		
40						

Column headings: INTERVAL; CORE RECOVERY (LIFTS, LOSS); ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CH, L); COLOUR (BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK, Sand colour); GRAIN SIZE (FINE, MEDIUM, COARSE); TEXT. (BANDED, CHAOTIC); STRUCTURAL FEATURES (BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN); FAULT (LOCATION & THICKNESS); ALTERATION (SiO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach.); COUNTRY ROCK SULPHIDES (PO, CPY, PY, WO, MO, BI, CASS.); VEIN MINERALOGY (LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI); VEIN DENSITY %; PLOTTING SYMBOLS; REMARKS; INTERVAL; DEPTH M

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■ > 50% ☒ 20–50% ▥ 5–20% ◫ 1–5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE SS	ROCK TYPE SH	COLOUR BROWN	GRAIN SIZE FINE	VEIN MINERALOGY LOC. & THICK.	QTZ	CO3	SER	TM	FL	CPY	PY	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
40–41			▨		▨	▨	34 ╳ .3	▨		= BIOT									BIOT – PHLOG? in qtz-vein
41–42	41.0		▨		▨	▨												SS	
42–43		0-1	▨		▨	▨	58 ↕ 58	▨ ↕	II II			II II			I I	I I	· ·	vein	42,4 42,9
43–44	44.0		▨		▨	▨	41 \ 1.9	▨	I		·	I							
44–45			▨		▨	▨													
45–46		0	▨		▨	▨	40 \ 1.0	▨	I	BIOT II		I						SS	45,7
46–47	47.0			▨	▨	▨	32 \ .3	▨	I		I	II	II	?				Sh	
47–48				▨	▨	▨													47,9
48–49		0	▨		▨	▨	53 ╳ 1.9 26 \ 1.2 18 \ .9	▨ ▨ ▨	II I I	 ?		X II II	· 	 · 	J I 	 · 		SS	
49–50	50.0		▨		▨	▨													

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■ > 50% ☒ 20–50% ▥ 5–20% ◫ 1–5% ⊡ < 1%

Columns printed on the form: INTERVAL; CORE RECOVERY (LIFTS, LOSS); ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CH, L); COLOUR (BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK); GRAIN SIZE (FINE, MEDIUM, COARSE); TEXT. (BANDED, CHAOTIC); STRUCTURAL FEATURES (BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN); FAULT (LOCATION & THICKNESS); ALTERATION (SIO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach.); COUNTRY ROCK SULPHIDES (PO, CPY, PY, WO, MO, BI, CASS.); VEIN MINERALOGY (LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI); VEIN DENSITY %; PLOTTING SYMBOLS; REMARKS; DEPTH M; INTERVAL.

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	ALTERATION	COUNTRY ROCK SULPHIDES		LOC. & THICK.	QTZ	CO3	SER	TM	FL	CPY	AS	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
50	50.0	0	SS ▨	GREY ▨ BROWN ▨	FINE ▨			17	∤1-3 ∤	▨	1			11							
								32	╳ 2-1	▨	1			1			1		1		
51	51.0							40	╳ 1-2	▨	1		1	11			1				
								18	∤ 1-2	▨	1			1			1	1		ss	
52		0						34	╳ ·4	▨	1			1			1	·			
								22	∤ 1-3	▨	1			11			1	·			
								23	╲ 1-2	▨				1			11				
53								18	∤ 1-2	▨	1	Biot		11			1	·			
								16	∤ ·5	▨	1	1		1			11	·			
54	54.0					Bleach. ▨		42	╳ 1-3	▨				1			1	·		ss	
55		0-1						38	∤ 1-6	▨				1			☒				
56						Biot		43	╲ 2-8	▨				1			☒				bleaching :- carb alt: adjac: to vein
								33	∤ 1-3	▨	1			1							
57	57.0					SIO2 ▨ Phlog 1 Fl ☒ Co3 ☒ Bleach. ▨	WO 1	53	╳ 10.5											sst	
58		0						24	∤ 1-1	▨				1			11			ss	
59								3	∤ 4-5 ∤	▨	1			1			1				
								21	∤ 6.7	▨	1			1			1				59.7
60	60.0		SH ▨					7	╲ 2-1 ╲ 6.5	▨	11		?	1	1	1	1			sh	

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	VEIN MINERALOGY: LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
60	60.0				
61		0	22 1-3		60,2
62			62 2-7	SS	62,0
63	63.0		44 1-4	SH SS	62,3
64			22 .5		
65		0	24 .7 29 .7 48 2-3		
66	66.0				
67			35 1-2 18 1-2 32 .8 33 1-7		
68		0	38 .9	SS	
69	69.0		46 3-9 47 1-7		
70			12 1-7 42 1-7 35 1-2		

SER: BIOT

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE
70			SS ▮	GREY ▮ BROWN ▮	FINE ▮
71					
72	72.0				
73		0			
74					
75	75.0				
76					
77		0			
78	78.0				
79					
80		-0.15			

VEIN MINERALOGY

	LOC. & THICK.	QTZ	CO3/Ser	SER	TM	FL	CPY	AS	WO	MO
29	λ2-2	▮	|			|			|	|
43	X3-1	▮	|			|			|	|
5	}2-1	▮	|	X Biot		|	•		||	|
41	X·9	▮	|	X||						
13	λ1-4	▮	X			|			|	|
48	X4-3	▮	|			|			|	•
18	λ2-1	▮	|			|			|	•
38	X1-1	▮	|			|			|	•
14	λ1-9	▮	|			|			|	•
5	λ2-3	▮	||			|			||	•
19	λ1-7	▮	?X			|			|	-
4	λ1-8	▮	|	|		|			|	
59	X1-2	▮	|	||		||			||	
44	X-9	▮	|			|			|	
26	λ6-4	▮	|			|	•		||	•
48	X1-9	▮	|			|			|	
	grey 2mm	▮		X						
33	X2-7	▮	|		?	||	•		||	
73	X1-6	▮	•	||		|			|	
44	λ1-2	▮	|	|		||				
32	λ·9	▮	|			|			•	
26	λ4-3	▮	|			|			|	
36	X1-9	▮	|			|			|	•
29	λ1-3	▮	|			|			|	
65	X2-7	▮	|			|			•	
47	X1-4	▮	|	||		X	•		•	||
47	λ2-7	▮	|	•		|	•		•	
38	λ16									
52	X3-7									
62	λ1-8	▮	|	|		|			•	•
42	λ1-4	▮	||			|				
62	X1-3	X	|		|	▮	|	|		
42	λ-2	X	||	|						
54	X3-7									
40	λ3-1									
35	λ5-8									

PLOTTING SYMBOLS / REMARKS

DEPTH M	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS
70–71			Alt? veins c WO3 cutting barren qtz veins
71–72		SS	Dense biot/phlog in vein white mica-carb prev. in veins (side alt? begins)
72–73		SL	72.8 white spots - carb after topaz? 73.0
73–74			brown stained carb after seric? in q.v.
74–75		SS	
75–76	Si	Si	75.6
76–77		sh	77.1
77–78		SS	
78–79	Si	Si	78.1 78.3
79		SS	
79–80	Si Si Si		white milky mineral (carb after topaz?) in vein ·2 cm trace cp+po c intergrown tm

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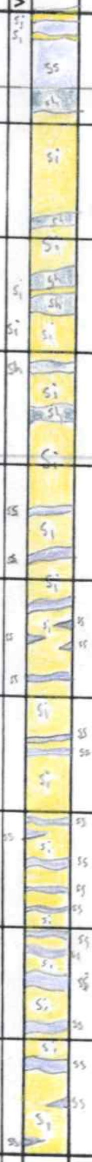
■ > 50%	☒ 20-50%	◫ 5-20%	▯ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS
80		
81	81.0	
82		
83		-0.15
84	84.0	
85		
86		0
87	87.0	
88		
89		0
90	90.0	

INTERVAL — CORE RECOVERY (LIFTS, LOSS) — ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CH, L) — COLOUR (BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK) — GRAIN SIZE (FINE, MEDIUM, COARSE) — TEXT. (BANDED, CHAOTIC) — STRUCTURAL FEATURES (BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN) — FAULT (LOCATION & THICKNESS) — ALTERATION (SiO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach.) — COUNTRY ROCK SULPHIDES (PO, CPY, PY, WO, MO, BI, CASS.) — VEIN MINERALOGY (LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI) — VEIN DENSITY % — PLOTTING SYMBOLS — REMARKS — DEPTH M — INTERVAL

LOC. & THICK.
14 \ 2-3
44 \ 7-6
42 \ 9-2
46 \ 3-9
28 \ 45
39 \ 28
47 \ 6-2
44 \ 43
45 \ 39
38 \ 64
31 \ 23
41 \ 29
41 \ 62
46 \ 41
42 \ 10
46 \ 38
41 \ 28
38 \ 21
42 \ 20
34 \ 8
31 \ 10
58 \ 5-6
47 \ 33
62 \ 32
43 \ 110



REMARKS

80,7

Fine white opaque milky mineral 80,9 to 89,3 over 2% (altered topaz?)

83,9

wo3 bearing Qtz-veins cutting Si alt?.

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GEOLOGICAL LOG

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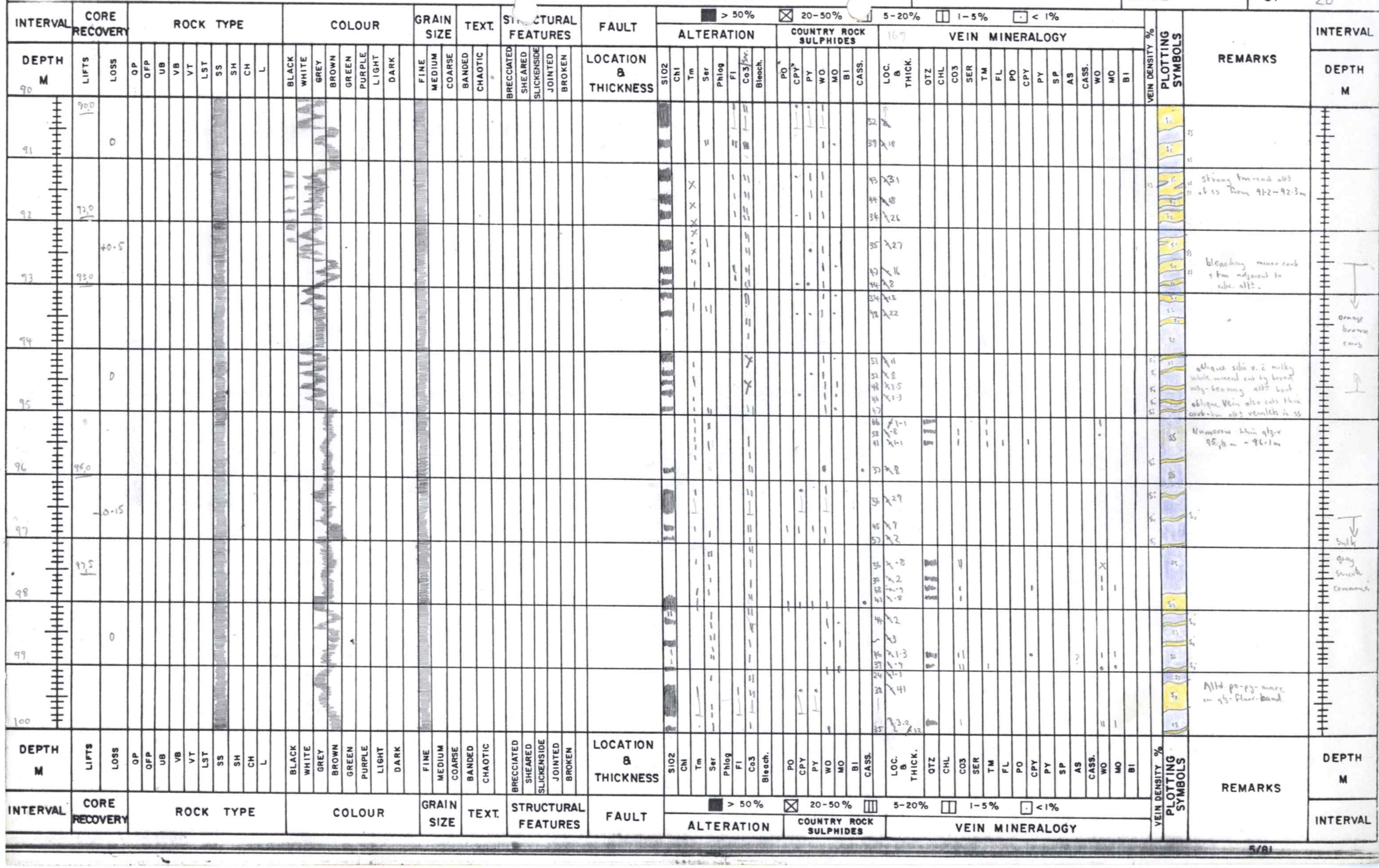

DEPTH M	LIFTS	LOSS	LOC. & THICK.	REMARKS	INTERVAL
90	90.0				
91		0	52 \ 8 39 \ 18		
92	92.0		43 \ 31 44 \ 18 34 \ 26	Strong tm-carb alt^n of ss from 91.2 – 92.3m	
93	93.0	+0.5	35 \ 27 47 \ 16 44 \ 8	bleaching minor carb + tm adjacent to silic. alt^n.	
94			34 \ 18 48 \ 22		orange brown carb
95		0	51 \ 11 52 \ 8 48 \ 3.5 46 \ 3.3 47	oblique silic v. c̄ milky white mineral cut by broad moly-bearing alt^n but oblique vein also cuts thin carb-tm alt^n veinlets in ss	
96	96.0		66 \ 1.1 38 \ .8 41 \ 1.1 37 \ 8	Numerous thin qtz-v 95.6m – 96.1m	
97		-0.15	36 \ 29 45 \ 7 53 \ 2		silk
98	97.5		56 \ .8 30 \ 2 68 \ .9 41 \ .8		grey sericite commences
99		0	44 \ 2 ~ \ 3 46 \ 1.3 37 \ .9		
100			24 \ 1.3 32 \ 41 35 \ 3.2, 12	Altd po-py-marc in qtz-fluor-band	

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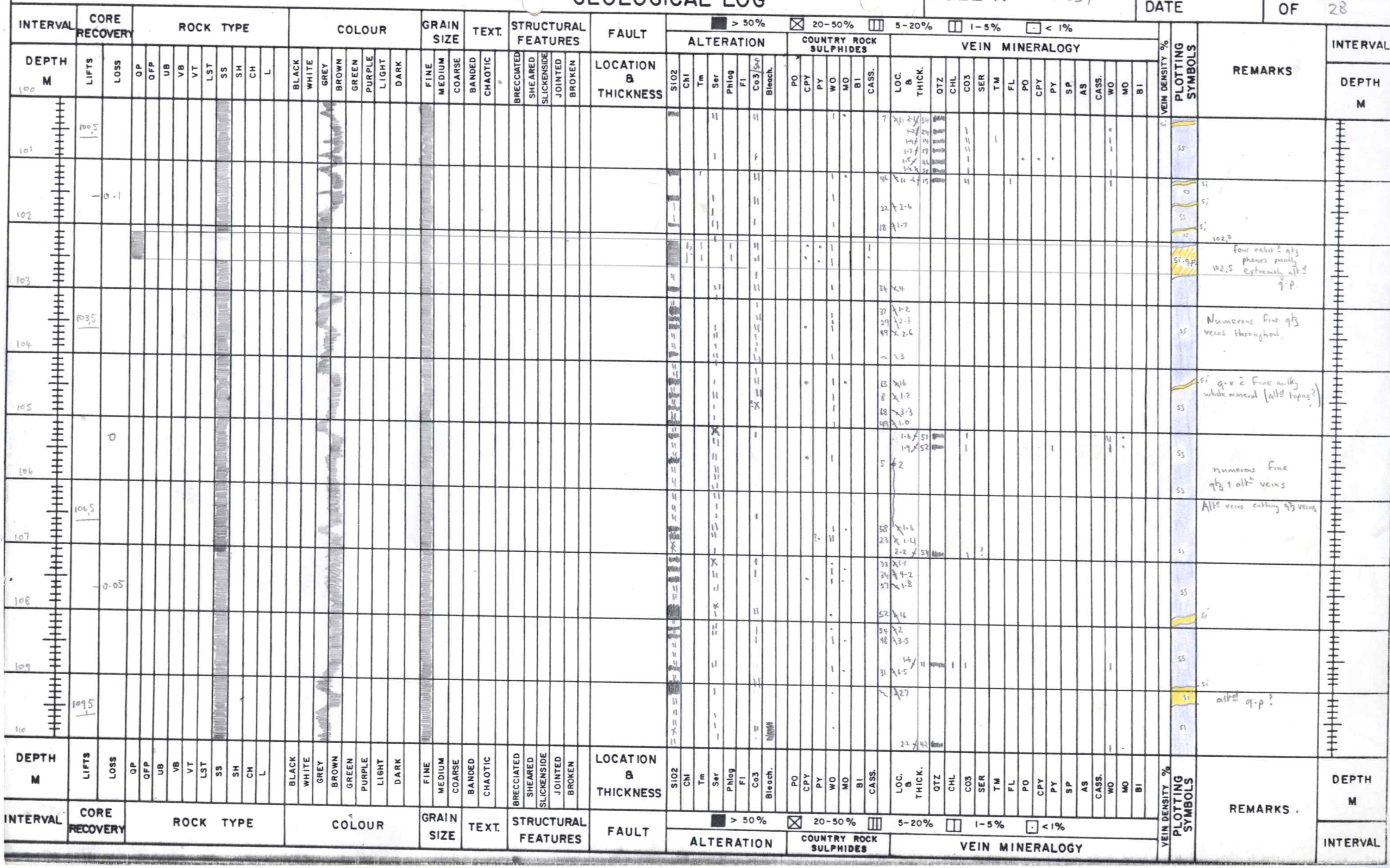

■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

INTERVAL | CORE RECOVERY (LIFTS, LOSS) | ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CH, L) | COLOUR (BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK) | GRAIN SIZE (FINE, MEDIUM, COARSE) | TEXT. (BANDED, CHAOTIC) | STRUCTURAL FEATURES (BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN) | FAULT (LOCATION & THICKNESS) | ALTERATION (SiO2, Chl, Tm, Ser, Phlog, Fl, Co3/Ser, Bleach.) | COUNTRY ROCK SULPHIDES (PO, CPY, PY, WO, MO, BI, CASS.) | VEIN MINERALOGY (LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI) | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | INTERVAL | DEPTH M

DEPTH M	LIFTS	LOSS	LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
100					
101	100.5		7 ×11 2·3/54 1·2/29 1·4/14 1·7/19 1·5/46 1·4/32	si ss	
102		0.1	46 ×11 ·4/15 22 2·6 18 1·7	si ss si ss si ss	
103			34 ×4	si·q.p	102.0 few relict? qtz phenos possibly 102.5 extremely alt'd q-p.
104	103.5		37 1·2 29 2·3 49 × 2·6 ~ 3	ss	Numerous fine qtz veins throughout.
105			13 ×16 8 ×1·2 68 ×3·3 49 1·0	si ss	si q·v c̄ fine milky white mineral (alt'd topaz?)
106		0	1·6/51 1·9/52 5 2	ss ss	numerous fine qtz + alt'n veins
107	106.5		58 ×1·6 23 ×1·4 2·2/54	ss	Alt'n veins cutting qtz veins
108		0.05	33 ×1·1 34 4·2 57 ×1·8 52 16	ss si	
109			54 2 48 3·5 1·6/11 31 1·5	ss si	
110	109.5		~ 27 2·2/42	si ss	alt'd q-p?

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SiO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS . | DEPTH M

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1% | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | INTERVAL

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HOLE Nº Z1637

BY

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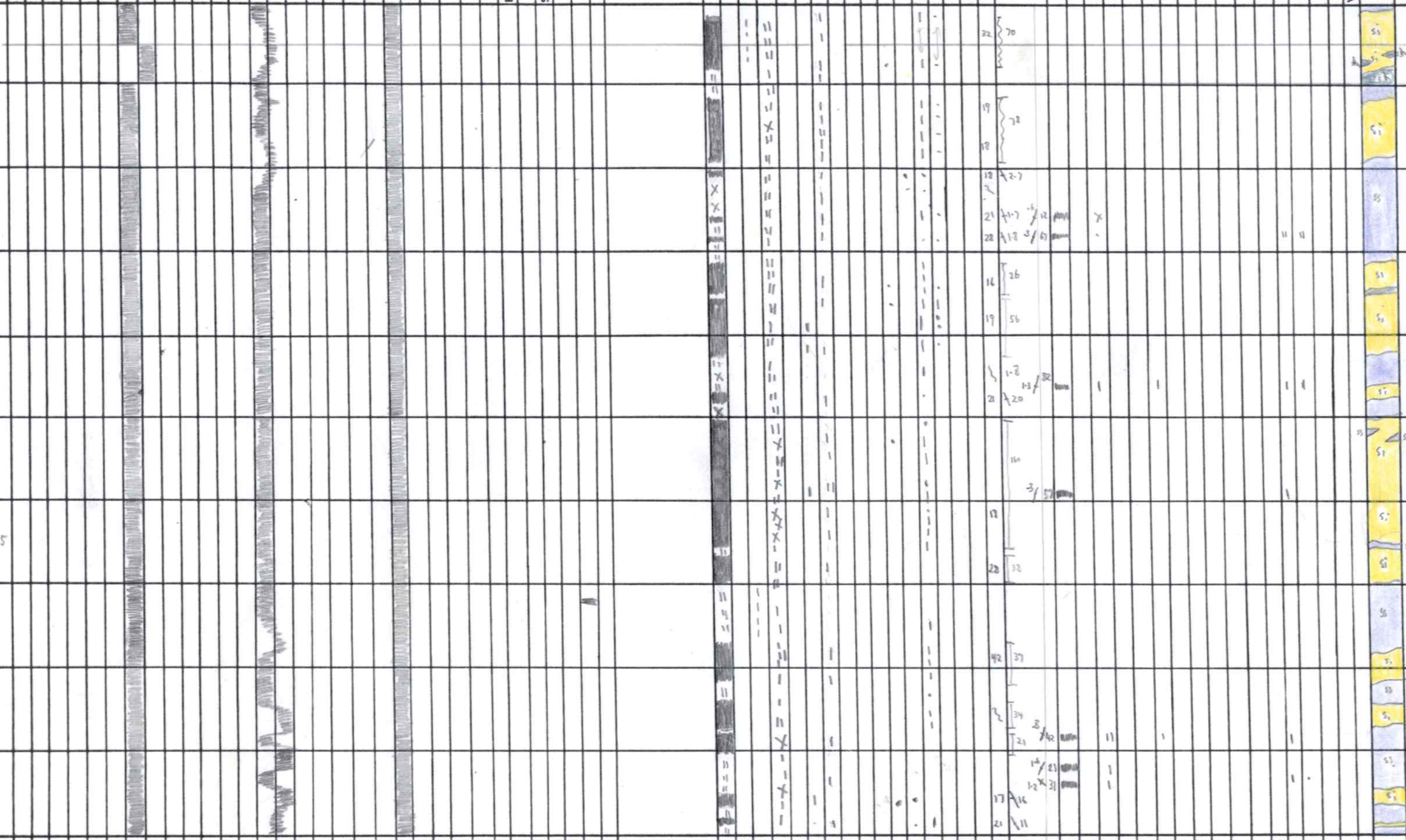
■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | INTERVAL

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SiO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | REMARKS | DEPTH M



DEPTH M	LIFTS	LOSS	REMARKS
110		0	110,5 carb-tm alt. of interb. ss. alt. forms dense criss-cross mesh 111,0
111			
112	112,5		milky-white mineral (alt. hp) in q.v.
113		0	
114			Alt. vein grading in milky-white mineral rich zone
115	115,5		WO3-rich q.v. in alt. zone
116		+0.05	relict phenos? 116,8m.
117			ssts bleached - carb and trace tm alt.
118	118,5		
119			
120			

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SiO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1% | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | INTERVAL

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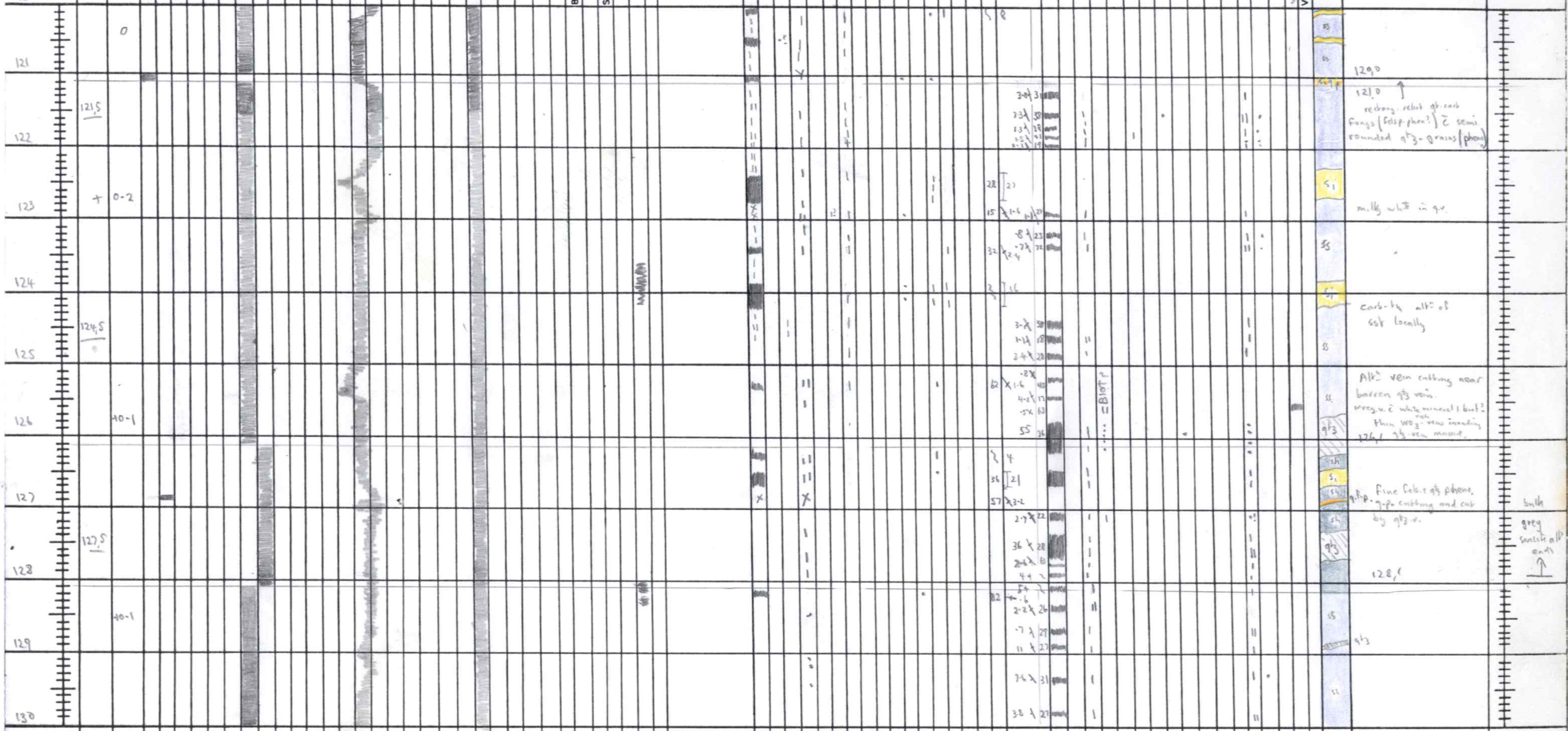
■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL
DEPTH M	LIFTS LOSS	QP QFP UB VB VT LST SS SH CH L	BLACK WHITE GREY BROWN GREEN PURPLE LIGHT DARK	FINE MEDIUM COARSE	BANDED CHAOTIC	BRECCIATED SHEARED SLICKENSIDE JOINTED BROKEN	LOCATION & THICKNESS	SIO2 Chl Tm Ser Phlog Fl Co3 Bleach.	PO CPY PY WO MO BI CASS.	LOC. & THICK. QTZ CHL CO3 SER TM FL PO CPY PY SP AS CASS. WO MO BI white mica				DEPTH M



129,0

121,0 ↑
rechang. relict qt-carb frags (fdsp. phen?) c̄ semi rounded qtz-grains (phen)

milky wht in q.v.

carb-tx alt of sst locally

Altⁿ vein cutting near barren qtz vein.
irreg. v. c̄ white mineral (biot?
Thin WO₃-rich veins invading
126,1 qtz-vein massive.

q.f.p. fine Fels. + qtz phens. q.p. cutting and cut by qtz.v.

128,1

bulk grey sericite alt ends ↑

DEPTH M	LIFTS LOSS	QP QFP UB VB VT LST SS SH CH L	BLACK WHITE GREY BROWN GREEN PURPLE LIGHT DARK	FINE MEDIUM COARSE	BANDED CHAOTIC	BRECCIATED SHEARED SLICKENSIDE JOINTED BROKEN	LOCATION & THICKNESS	SIO2 Chl Tm Ser Phlog Fl Co3 Bleach.	PO CPY PY WO MO BI CASS.	LOC. & THICK. QTZ CHL CO3 SER TM FL PO CPY PY SP AS CASS. WO MO BI	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	DEPTH M
INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY				INTERVAL

■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

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▇ > 50% ☒ 20–50% ▥ 5–20% ◫ 1–5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE SS	ROCK TYPE SH	COLOUR GREY	COLOUR DARK	GRAIN SIZE FINE	STRUCTURAL FEATURES BROKEN	ALTERATION	VEIN MINERALOGY LOC. & THICK.	QTZ	CHL	CO3	TM	FL	CPY	PY	AS	CASS.	WO	MO	PLOTTING SYMBOLS	REMARKS
130–131	130.5		▇		▇	▇	▇	▇		34∠29 11∠29 19∠24	▇ ▇ ▇		1 1				· ·			1 '	'	qtz ss	qtz local black tm altⁿ on qtz-vn margins
131–132		0	▇		▇		▇		SiO2 ▇ Co3 11	79 ∠·9 8∠24 68	▇ ▇		1							1		ss qtz	qtz
132–133			▇		▇		▇			·8∠38	▇		1		1						'	qtz	
133–134	133.5		▇		▇		▇	▇	SiO2 ✗ Tm 11 Co3 ✗	45 ∠26												ss	Indistinct fine grained breccia (hydrothermal?) 133.4m
134–135		-2.2	▇		▇		▇	▇		2·7∠18	▇		1			·				11			
135–136	Massive core loss (suspicious?)		▇		▇		▇															ss	large core loss - Small broken rounded altd sst + shl frags.
136–137	136.5	-0.5	▇		▇		▇	▇															
137–138	137.5		▇	▇	▇		▇																137.5 Fine mesh dense thin
138–139		-0.15		▇	▇		▇			9+∠3 1·1∠6 1·0∠12 ·8×42 ·9∠13	▇ ▇ ▇ 1 ▇	? ?	1 1 11	11?	1	1	-	✗		11 1 11 - -	· · 1 ·	sh	qtz - veins
139–140				▇	▇		▇			1·4∠18 1·0+∠17 1·2∠22	▇ ▇ ▇	1? ?	1 1 11	1? ?					'	1 1 ·	1 ·		

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	ALTERATION	VEIN LOC. & THICK.	QTZ	CO3	FL	PO	CPY	PY	AS	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
140	140,5		SS ▨	GREY ▨	FINE ▨														
141							2-1 ∤42	▨	1						•			sh	
							·8 ∤12	▨	1				11						
							·9 ∤21	▨	•				1		1	1			141,2
							5+ ∤13	▨				•			1				
		0					1-9 ∤7	▨					1		1				
142						SiO2 1, 11; Tm 1, 1; Co3 1, 1	15+ ∤23	▨	1			•			1	•	1	ss	extensive Si - cas-tm alt near qtz-v.
							14 ∤37	▨	1										
							2·0 ∤9	▨	1						1	1			
							29 ∤9	▨	1						11	1		▨	qtz
143							1-3 ∤34	▨							1				
	143,5						1-2 ∤65	▨							1				
							2-5 ∤73	▨	1						1	•			
144							1-9 ∤13	▨	1	1	•				1	•			late stage milky white mineral c̄ py.
							1-1 ∤53	▨	1						1				
							1-0 ∤67	▨							1				
		0					1-5 ∤53	▨	1			11			1				
145							1-2+ ∤5	▨	1	1					1	•		ss	
							1-8 ∤12	▨	1	•					1				
							1-5 ∤71	▨	1					1		•			
146							·5 ∤86	▨							1				
							1-8 ∤32	▨	1						1				
	146,5			LIGHT ▨			2-4 ∤16	▨	1						11	•			
147							1-0 ∤32	▨											
		0					1-3 ∤75	▨	1							1			
							4+ ∤21	▨	1	1					11	1		ss	
148							2-2 ∤29	▨	1	1					1	1			
							1-4 ∤57	▨	1						•				
149							1-1 ∤13	▨	1	1					1	•			
	149,5																		
150																			

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ☐ < 1%

DEPTH M	LIFTS	LOSS	LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS
150																					150.0
			2-2 ∤8	■		|			·			·				|	·				
			1-0 ∤52	■			BIOT ✗													sh	150,6
151			·9 ∤6	■		|										|	·			ss	
																					151,3
			·8+ ∤3	■		|			|							||	|			
		0																		sh	
152																					
			·6 ∤8	■		|						|				·	·				
	152,5		·6 ∤52	|		||			|		|	|		✗		|					
			·6 ∤38	■		|										|	·				
			1·3+ ∤9	■													|	|			
153			·8 ∤45	■		|										|	·				
																				sh	
154			1·1 ∤37	■		·															
		0																			
155																					
			·6 ∤76	■		|			|							|				
	155,5		·6 ∤12	■		|			|							||	·				
156																					156,1
			1·6 ∤51	■	?	||		?||	||												
	156,5																			ss	
157																					156,9
																				sh	157,4
		0																		ss	
158																					158,0
			1·4 ∤10	■								·				|	|			sh	
159																					
	158,5																				
160																					

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SIO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ☐ < 1% | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | INTERVAL

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE SH	ROCK TYPE SS	COLOUR GREY	COLOUR LIGHT	GRAIN SIZE FINE	STRUCTURAL FEATURES BROKEN	ALTERATION Phlog	ALTERATION Co3	ALTERATION Bleach.	VEIN MINERALOGY LOC. & THICK.	QTZ	CO3	SER	FL	CPY	AS	WO	MO	PLOTTING SYMBOLS	REMARKS
160–161		0	▨		▨		▨			ll		1·6 ∤ 81 ·4 ∤ 57	▨ ▨	 1					· 			
161–162	161,5		▨		▨	▨	▨	▨	ll ?	ll	▨										55	162,1
162–163		+0·1		▨	▨	▨	▨				▨	2·3 ∤ 67 ·8 ∤ 22	▨ ▨	ll 1		X 		1 	1 1		55	
163–164	163,5			▨	▨	▨	▨				▨	·7 ∤ 6	▨	1					1	·	55	
164–165				▨	▨	▨	▨	▨			▨											164,6
			▨		▨		▨					·6 ∤ 51	X	ll		1		▨				pale green mineral in aspy-v.
165–166		−0·2	▨		▨		▨					·8 ∤ 53 1·2 ∤ 41 1·4 ∤ 31	▨ ▨ ▨	1 1 1		 1 1			 1 ll	 1 1		
166–167	166,5		▨		▨		▨					·8 ∤ 73	▨	1		1			1	·	5L	
167–168		0	▨		▨		▨					·9 ∤ 28	▨	1	1 ? biot	1						
168–169			▨		▨		▨														5L	
169–170	169,5		▨		▨		▨					·3 ∤ 18 ·8 ∤ 47	▨ ▨	1 		1 ll	 1		ll 	1 		

INTERVAL | CORE RECOVERY | ROCK TYPE: QP, QFP, UB, VB, VT, LST, SS, SH, CH, L | COLOUR: BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK | GRAIN SIZE: FINE, MEDIUM, COARSE | TEXT.: BANDED, CHAOTIC | STRUCTURAL FEATURES: BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN | FAULT: LOCATION & THICKNESS | ALTERATION: SiO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach. | COUNTRY ROCK SULPHIDES: PO, CPY, PY, WO, MO, BI, CASS. | VEIN MINERALOGY: LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M | INTERVAL

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT LOCATION & THICKNESS	ALTERATION	COUNTRY ROCK SULPHIDES	LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS
170			SH	GREY	FINE																								
		-0.05																											
171										PY 11	1 ⟩10	▨		1			1		·					1	1				
											·8 ⟩3	▨					1							1	1				
172																												sh	
											·6 ⟩18	▨		1			1							1	1				
	172,5																												
173									Bleach. ▨						·8 BOT														
											·6 ⟩39	▨		1			1							1	·				
											1·7 ⟩12	▨					1							1	1			sh	
174											·4 ⟩12	▨		1			1		1	1				1	11				
		0																											
175																													
	175,5																												
176																													
			SS								·8 ⟩60	▨		11	?		11												176,2
											3·1 ⟩28	▨	?	1	?		11					1		1	1			ss	
177		0	SH																										177,2
											·8 ⟩46	▨		1			1							11	1				q- veins show biot.? selvages/alt? locally
											·5 ⟩71	▨					1								1			sh	
178											·7 ⟩8	▨		1			1							1	·				
			SS								·6 ⟩29	▨		11			11							1					178,2
	178,5										1·2 ⟩69	▨					1							11					
179				LIGHT					Bleach. ▨		1·4 ⟩7	▨		1			1							11	1			ss	
											2·5 ⟩44	▨					1							·	1				
		0																											
180											·5 ⟩11	▨		1										1					

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SIO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M
INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1% | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | INTERVAL

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■ > 50% ☒ 20–50% ▥ 5–20% ◫ 1–5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ALTERATION SiO2	ALTERATION Phlog	VEIN MINERALOGY LOC. & THICK.	CHL	CO3	SER	TM	FL	CPY	CASS.	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
180–181			= = =	= = =	·8 ∤ 66		1						1	·			180,3
					1·7 ∤ 44		1			1			1				
					·9 ∤ 57					1			1	·			
181–182	181,5		1	— BIOT	·3 ∤ 20		11			X						ss	
182–183		0														sh	182,3 182,7
183–184					4·7 ∤ 12		1			1			11	11	1	qt	183,3
					·7 ∤ 12		1			1			1				
184–185	184,5				1·3 ∤ 71		1						·	1		ss	
185–186		–0·1														sh	185,5
186–187					2·7 ∤ 66		1			11			11	1	·		186,4 Bi inclusions in wolf.
					·9 ∤ 79		1			11	1		1	1			
187–188	187,5				1·1 ∤ 25		1	·BIOT?		11		?	1			ss	
					·8 ∤ 20		·		?	11			·	\			
188–189		0			14 ∤ 57	?	11	?		11	·		1	·			
								BIOT									
189–190					·5 ∤ 32		1	1		11			1				189,4
					1·8 ∤ 44		1			11			·	·			
					1·8 ∤ 53		1			1			1	1		sh	

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	SS	SH	GREY	LIGHT	FINE	SiO2	Phlog	Co3	Bleach.	LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	CPY	PY	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
190–191	190,5			▨	▨		▨					4-2 ∡53 1-1 ∡32	▨ ▨		‖ |			‖ ‖			· ·	| |	· ·		
191–192		-0·1		▨	▨		▨					1-6 ×73	▨		|			‖			|	|	·	sh	
192–193				▨	▨	▨	▨				▨	1-0 ∡36 1-5 ∡78	▨ ▨		| |			‖ ‖			| |	| |			
193–194	193,5			▨	▨		▨	‖	|	‖														sh	
194–195			▨	▨	▨		▨					1-4 ∡68 1 ∡12	▨ ▨	?				| |	·	·	| ‖	| |		ss	194,4 194,7
195–196		0		▨	▨		▨					1-8 × 84 ·4 ∡32	▨ ×		| ×			| ×			|	|		sh	Carb - vein in filling q.v.
196–197	196,5			▨	▨		▨					1-2 ∡12	▨		|	BIOT		|			|	|	·		
197–198				▨	▨		▨					8 ∡33 1-7 ∡74 1-1 ∡73	▨ ▨ ▨		| | |	-BIOT ?	‖ ‖	‖ | ‖			| · |	 · ·			198,0
198–199		0	▨ ▨	▨	▨		▨																	ss sh	198,3 198,7
199–200	199,5			▨	▨		▨					·8 ∡12 1-1 ∡73	▨ ▨		× |			 |			‖ |	 |	 ·	ss sh	199,4

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

INTERVAL | CORE RECOVERY: LIFTS, LOSS | ROCK TYPE: QP, QFP, UB, VB, VT, LST, SS, SH, CH, L | COLOUR: BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK | GRAIN SIZE: FINE, MEDIUM, COARSE | TEXT.: BANDED, CHAOTIC | STRUCTURAL FEATURES: BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN | FAULT: LOCATION & THICKNESS | ALTERATION: SiO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach. | COUNTRY ROCK SULPHIDES: PO, CPY, PY, WO, MO, BI, CASS. | VEIN MINERALOGY: LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | INTERVAL: DEPTH M

DEPTH M (200)	LIFTS	LOSS	SS	SH	GREY	FINE	BROKEN	LOC. & THICK.	QTZ	CO3	TM	FL	CPY	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
201				▨	▨	▨		1·9 ∤28	▨	11		11		1	·		sh	
								·9 ∤26	▨					1	·			
202		0		▨	▨	▨		1·3 ∤3	▨	1		1		1	1		sh	
								1·2 ∤53	▨	1		11		1	1			
203	202,5		▨	▨	▨	▨		·8 ∤62	▨			1		11	1'			
								1·2 ∤63	▨	1		1		·				202,5
								·4 ∤15	▨	1		1		1	·		ss	
204			▨		▨	▨		·3 ∤31	▨	1		11		[1]	·	\		Numerous fine Bi inclusions in wolf.
205		~0·1	▨		▨	▨		1·3 ∤22	▨	1	1	11						
206	205,5		▨		▨	▨		1·0 ∤67	▨			1	·	1	·			
								·5 ∤38	▨	1		11		1				
207			▨		▨	▨		·9 ∤65	▨	1		1		1	1			
								·7 ∤24	▨	1		11		1	1			
								·7 ∤	▨	1		11		1	1		ss	
208		0	▨		▨	▨		1·5 ∤24	▨	1		1		1	1			
209	208,5		▨		▨	▨	▨										ss	
210			▨		▨	▨	▨											

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SiO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1% | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | INTERVAL

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº Z1637

BY

DATE

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE SS	ROCK TYPE SH	COLOUR GREY	GRAIN SIZE FINE	PLOTTING SYMBOLS	REMARKS
210–211		0	▨		▨	▨	x	
211–212	211,5		▨	▨	▨	▨	SS	211,7
212–213				▨	▨	▨	SS	212,8
213–214		-0.1	▨		▨	▨	SS	
214–215	214,5		▨		▨	▨		
215–216		0	▨		▨	▨	SS	
216–217			▨		▨	▨	▨	9.3
217–218	217,5		▨		▨	▨	SS	
218–219		-0.1	▨		▨	▨		
219–220			▨		▨	▨	SS	

VEIN MINERALOGY

DEPTH M	LOC. & THICK.	QTZ	CHL	CO3	TM	FL	CPY	PY	AS	WO	MO
210–211	1.5 x 51	■		1		1				1	·
211–212	10.4 x 23	■		1	1	11				·	
	1.7 x 19	■		1		X				·	
	4.7 x 32	X			1	■				1	1
	1.1 x 79	■		1		11					·
212–213	.7 x 32	■		11	1	X		·		·	
213–214	.8 x	■		1	1	11			1	1	·
214–215	1.1 x 43	■	?	1	?	X				·	
216–217	23 x 62	■		1		11					·
217–218	1.3 x 47	■		1		11				·	
218–219	1.4 x 20	■		1		1				-	1
219–220	.3 x 22	X		1			X	X			
	.8 x 56	■		11		11				1	1

INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL
DEPTH M	LIFTS LOSS	QP QFP UB VB VT LST SS SH CH L	BLACK WHITE GREY BROWN GREEN PURPLE LIGHT DARK	FINE MEDIUM COARSE	BANDED CHAOTIC	BRECCIATED SHEARED SLICKENSIDE JOINTED BROKEN	LOCATION & THICKNESS	SiO2 Chl Tm Ser Phlog Fl Co3 Bleach.	PO CPY PY WO MO BI CASS.	LOC. & THICK. QTZ CHL CO3 SER TM FL PO CPY PY SP AS CASS. WO MO BI				DEPTH M

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

INTERVAL	CORE RECOVERY		ROCK TYPE										COLOUR								GRAIN SIZE			TEXT.		STRUCTURAL FEATURES					FAULT	ALTERATION								COUNTRY ROCK SULPHIDES							VEIN MINERALOGY																		REMARKS
DEPTH M 220	LIFTS	LOSS	QP	QFP	UB	VB	VT	LST	SS	SH	CH	L	BLACK	WHITE	GREY	BROWN	GREEN	PURPLE	LIGHT	DARK	FINE	MEDIUM	COARSE	BANDED	CHAOTIC	BRECCIATED	SHEARED	SLICKENSIDE	JOINTED	BROKEN	LOCATION & THICKNESS	SIO2	Chl	Tm	Ser	Phlog	FI	Co3	Bleach.	PO	CPY	PY	WO	MO	BI	CASS.	LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI	VEIN DENSITY %	PLOTTING SYMBOLS	
221	220.5								▒						▒						▒																										2·5 ∠59	■		1		1	×							1	•	•		▒	
222		0							▒						▒						▒																										·8 ∠53	■		11			11							1	•			▒ SS	
223									▒						▒						▒											11				11 BIOT											·6 ∠46 ·8 ∠57 ·4 ∠19 1·1 ∠49	■ ■ ■ ■		1 1 1 1			11 11 11 11							1 1 1 1	• 1 1 1	 •		▒	
224	223.5								▒						▒						▒																										·6 ∠75	■		1		1	11											▒	
225									▒						▒						▒																										1·2 ∠11 ·8 ∠47	× 1		1	11	11 1	■ ■							1	• •			▒ SS	
226		0							▒						▒						▒											1 1				1 1											1·1 ∠72	11		11			■								•			▒	
227	226.5								▒						▒						▒																										·3 ∠37	11	?	11		?	11			11	11	×						▒	
228									▒						▒						▒																																											▒ SS	
229		0·1							▒						▒						▒																																											▒	
230	229.5								▒						▒						▒																				1						·5 ∠51	■	11?	1			×											▒	

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SIO2 | Chl | Tm | Ser | Phlog | FI | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1% | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | INTERVAL

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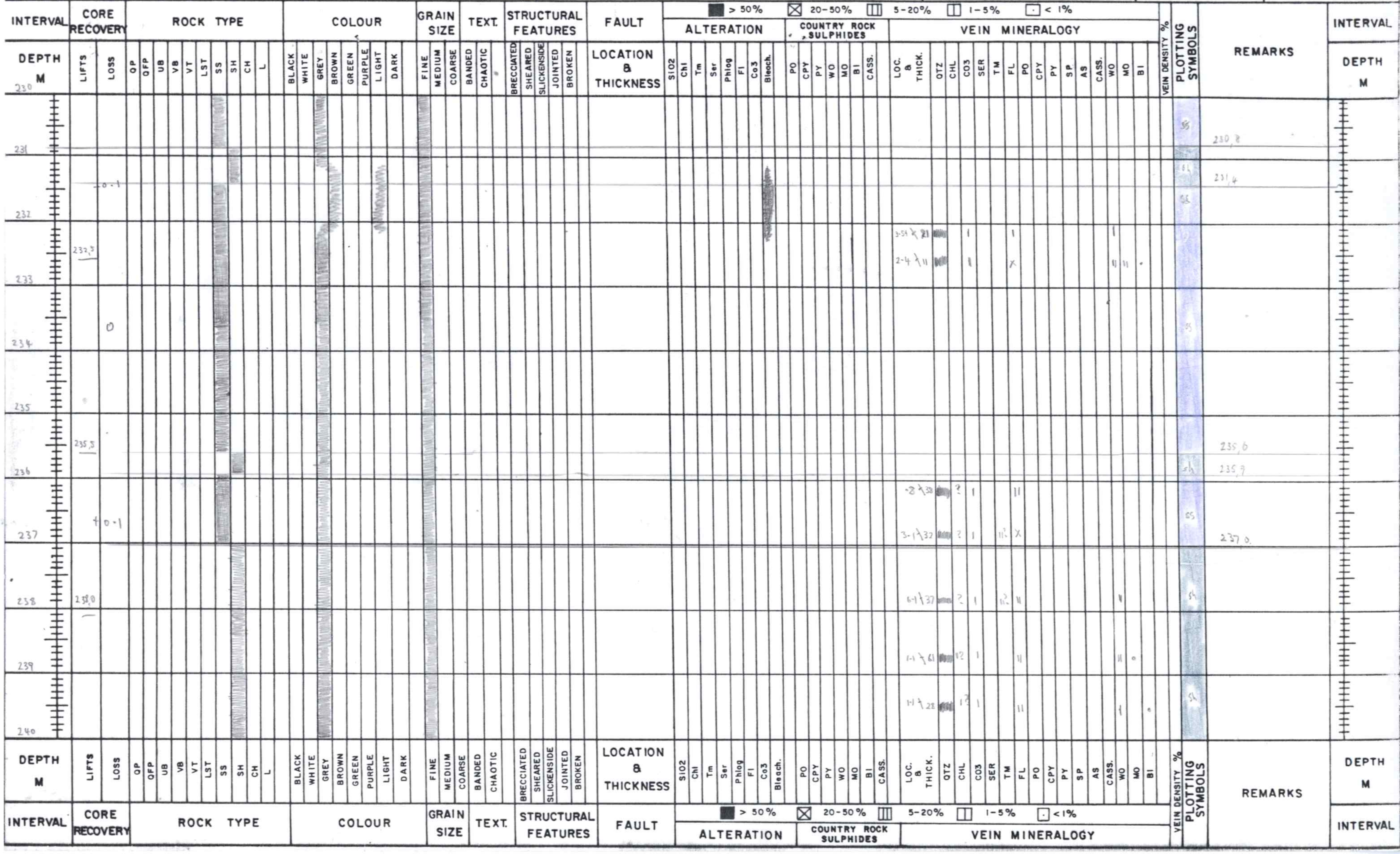

DEPTH M	LIFTS	LOSS	LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
230				ss	230,8
231		-0·1		sh	231,4
				ss	
232	232,5		3-51 ∠ 21 2-4 ∠ 11		
233		0		ss	
234					
235	235,5			sh	235,6 235,7
236		+0·1	·2 ∠ 38 3-1 ∠ 32	ss	237,0
237	238,0		6-1 ∠ 37	sh	
238			1-1 ∠ 61		
239			1-1 ∠ 28	sh	
240					

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■ > 50% ☒ 20-50% ◫ 5-20% ◫ 1-5% ⊡ < 1%

INTERVAL | CORE RECOVERY (LIFTS, LOSS) | ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CH, L) | COLOUR (BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK) | GRAIN SIZE (FINE, MEDIUM, COARSE) | TEXT. (BANDED, CHAOTIC) | STRUCTURAL FEATURES (BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN) | FAULT (LOCATION & THICKNESS) | ALTERATION (SiO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach.) | COUNTRY ROCK SULPHIDES (PO, CPY, PY, WO, MO, BI, CASS.) | VEIN MINERALOGY (LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI) | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | INTERVAL DEPTH M

DEPTH M	LIFTS	LOSS	SH	GREY	FINE	LOC. & THICK.	QTZ	CHL	CO3	FL	WO	BI	PLOTTING SYMBOLS	REMARKS
240–241		0-1	▨	▨	▨	-6 ∡17 3-1 ∡62	■		1 ■	1' 11	·	·	▨	
241–242	241.0		▨	▨	▨	-6 ∡44 -3 ∡58	■		 ■	1 1	·		sh	zone from 242-5 to 249.0
242–243		0-6	▨	▨	▨								▨	weakly siliceous ē thin irregular mesh veins and wisps (sedim. chert?)
243–244		susp[icious] loss	▨	▨	▨	-7 ∡58 -9 ∡32	■ 11	11?	11 11	 x			▨	
244–245	244.5		▨	▨	▨								sh	
245–246		0	▨	▨	▨	-6 ∡25	?			x? ■			▨	
246–247			▨	▨	▨								▨	
247–248	247.5		▨	▨	▨								sh	
248–249		0	▨	▨	▨								▨	
249–250			▨	▨	▨								sh	

DEPTH M | LIFTS | LOSS | QP | QFP | UB | VB | VT | LST | SS | SH | CH | L | BLACK | WHITE | GREY | BROWN | GREEN | PURPLE | LIGHT | DARK | FINE | MEDIUM | COARSE | BANDED | CHAOTIC | BRECCIATED | SHEARED | SLICKENSIDE | JOINTED | BROKEN | LOCATION & THICKNESS | SiO2 | Chl | Tm | Ser | Phlog | Fl | Co3 | Bleach. | PO | CPY | PY | WO | MO | BI | CASS. | LOC. & THICK. | QTZ | CHL | CO3 | SER | TM | FL | PO | CPY | PY | SP | AS | CASS. | WO | MO | BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M

INTERVAL | CORE RECOVERY | ROCK TYPE | COLOUR | GRAIN SIZE | TEXT. | STRUCTURAL FEATURES | FAULT | ■ > 50% ☒ 20-50% ◫ 5-20% ◫ 1-5% ⊡ < 1% | ALTERATION | COUNTRY ROCK SULPHIDES | VEIN MINERALOGY | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | INTERVAL

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■ > 50% ☒ 20-50% ◫ 5-20% ◻ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	STRUCTURAL FEATURES	LOC. & THICK.	QTZ	CHL	CO3	FL	PO	PY	AS	MO	BI	PLOTTING SYMBOLS	REMARKS
250–251	250,5		SH SS	GREY	FINE	BROKEN	·6 ∠58	■	?	‖	‖						sh ss	250,2
251–252			SS SH	GREY LIGHT	FINE												ch	251,3 sedimentary 252,0 chert?
252–253		0	SH	GREY	FINE													
253–254	253,5		SH	GREY	FINE		-2 ∠1? -3 ∠48	‖ |		‖ |	| |	• 	‖ ■	‖ ‖			sh	
254–255			SH	GREY	FINE		1-3 ∠31	■	‖?	‖	‖							
255–256		-0·1	SH SS CH	GREY LIGHT	FINE		-2 }	x		|	■					•	ss ch	255,2 255,8 256,0 disrupted
256–257	256,5		SH	GREY	FINE		2-1 ∠34	■	‖?	|	‖				|			layering
257–258		-0·1	SH	GREY	FINE												sh	
258–259			SH	GREY	FINE		-2 ∠4		x?	|	‖			x				
259–260	259,5		SH	GREY	FINE												sh	

Depth scale: 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260

INTERVAL | CORE RECOVERY: LIFTS, LOSS | ROCK TYPE: QP, QFP, UB, VB, VT, LST, SS, SH, CH, L | COLOUR: BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK | GRAIN SIZE: FINE, MEDIUM, COARSE | TEXT.: BANDED, CHAOTIC | STRUCTURAL FEATURES: BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN | FAULT: LOCATION & THICKNESS | ALTERATION: SIO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach. | COUNTRY ROCK SULPHIDES: PO, CPY, PY, WO, MO, BI, CASS. | VEIN MINERALOGY: LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | INTERVAL: DEPTH M

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	SS	SH	GREY	FINE	LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI	COUNTRY ROCK SULPHIDES	PLOTTING SYMBOLS	REMARKS
260				▨	▨	▨																			
261				▨	▨	▨	.8 × 61	11	X?		BIOT?		X		1			11							
262		0		▨	▨	▨	.5 × 20	■	1?	1	11		11											sh	
							.6 × 68	■		1			11												
							1.5 × 8	■	1	1			11	•											
263	262.5			▨	▨	▨	1.8 × 61	■	?	1			1												
							.8 × 38	11	X?				X												
											BIOT														262.8
264			▨		▨	▨	.7 × 17	■		11	1		11											SS	
							.6 × 28	■	11?	1			X									•			
							.5 × 18	■	1?	1			11												
265		0-1	▨		▨		.6 × 32	■	X	1			11										11 1		
266	265.5		▨		▨		1.1 × 41	■	11	1			X											SS	
267			▨		▨		.5 × 30	■	11?	11			11												
							.3 × 58	■	1	11			11												
268		0	▨		▨		.8 × 53	■	?	X			11												
							.4 × 31	■		1						1			?						
							1.2 × 42	■	?	11			1							•					
269	268.5		▨		▨																			SS	
270		0	▨		▨		.3 × 52	■	?	11			11												
							.2 × 57	■		11			11												

INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL
DEPTH M	LIFTS, LOSS	QP, QFP, UB, VB, VT, LST, SS, SH, CH, L	BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK	FINE, MEDIUM, COARSE	BANDED, CHAOTIC	BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN	LOCATION & THICKNESS	SiO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach.	PO, CPY, PY, WO, MO, BI, CASS.	LOC. & THICK., QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI				DEPTH M

CLEVELAND TIN LTD.

FOLEY'S ZONE
GEOLOGICAL LOG

HOLE N° C1637

BY E.V.D

DATE

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■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE SS	ROCK TYPE SH	COLOUR GREY	GRAIN SIZE FINE	LOC. & THICK.	QTZ	CHL	CO3	SER	FL	AS	PLOTTING SYMBOLS	REMARKS
270–271			■		■	■									
271–272	271.5		■		■	■									
272–273		0	■		■	■	.4 ∠57 .2 ∠5 .9 ∠62 .8 ∠63	1 1	?	■ 1 ■ X		1 11 ■	■ 11	SS	
273–274			■		■	■	1-2 ∠56	■	?			1			
274–275	274.5		■		■	■	.7 ∠42	■	?	1		1			
275–276			■ (to 275.4)	■ (from 275.4)	■	■	.9 ∠21 .4 ∠41	11 ■		X 11	?- 9.10T 1	■ 11			275,4
276–277		0.1		■	■	■								Sh	276,9
277–278	277.5		■		■	■	.5 ∠69	11	?	11		■		SS	
278–															E.O.H. 277.5 467 veins

DEPTH M · LIFTS · LOSS · OP · QFP · UB · VB · VT · LST · SS · SH · CH · L · BLACK · WHITE · GREY · BROWN · GREEN · PURPLE · LIGHT · DARK · FINE · MEDIUM · COARSE · BANDED · CHAOTIC · BRECCIATED · SHEARED · SLICKENSIDE · JOINTED · BROKEN · LOCATION & THICKNESS · SIO2 · Chl · Tm · Ser · Phlog · Fl · Co3 · Bleach. · PO · CPY · PY · WO · MO · BI · CASS. · LOC. & THICK. · QTZ · CHL · CO3 · SER · TM · FL · PO · CPY · PY · SP · AS · CASS. · WO · MO · BI · VEIN DENSITY % · PLOTTING SYMBOLS · REMARKS · DEPTH M

INTERVAL · CORE RECOVERY · ROCK TYPE · COLOUR · GRAIN SIZE · TEXT. · STRUCTURAL FEATURES · FAULT · ALTERATION · COUNTRY ROCK SULPHIDES · VEIN MINERALOGY · INTERVAL

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 22.10.81
COMPILED BY: H. FRANKE
ASSAY DATES:
PAGE 1 OF 6

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~			∑	FROM	TO	LENGTH	ROCK TYPE	%SnT ☑	%SnS ☑	%Cu ☑	%WO_3 ☑	%MoS_2 ☑	%Bi ☑	%Zn ☐	SG.
		LENS	LEVEL	DATE													
302155.	C1637	FOLEY'S	24/25.			0.0	2.0 ~~0.2~~	2.0		0.07.	<0.01	<0.01	0.065	0.030	0.01		2.78.
56						2.0 ~~0.2~~	2.5	0.5		0.04.	<0.01	<0.01	0.090.	0.004	0.02		2.81
57						2.5	5.0	2.5.		0.02.	<0.01	0.01	0.060.	0.014	0.01		2.87
58						5.0	7.5	"		0.01.	<0.01	<0.01	0.070.	0.015	0.02		2.81
59						7.5	10.0	"		<0.01	<0.01	<0.01	0.045	0.016	0.01		2.82
60						10.0	12.5	"		0.01.	<0.01	<0.01	0.095	0.059	0.02		2.79
61						12.5	15.0	"		<0.01	<0.01	0.04	0.080.	0.016	0.02		2.83
62						15.0	17.5	"		0.03.	<0.01	0.02	0.055	0.053	0.02		2.79.
63						17.5	20.0	"		0.01.	<0.01	0.01	0.335	0.063	0.02		2.87
64						20.0	22.5.	"		0.02.	<0.01	<0.01	0.200.	0.105	0.04		2.60.
65						22.5	25.0	"		0.01.	<0.01	0.04	0.060.	0.007	0.01		2.80.
66						25.0	27.5	"		0.01.	<0.01	0.01	0.220.	0.036	0.03		2.81.
67						27.5	30.0	"		0.01	<0.01	0.01	0.130.	0.027	0.03		2.80.
68						30.0	32.5	"		<0.01.	<0.01	0.01	0.060.	0.006	0.01		2.76.
69						32.5	35.0	"		<0.01	<0.01	0.01	0.165.	0.026	0.02		2.78.
70						35.0	37.5	"		<0.01.	<0.01	<0.01	0.190.	0.014	0.02		2.72.
71						37.5	40.0	"		0.01.	<0.01	<0.01	0.190.	0.005	0.01		2.76.
72						40.0	42.5	"		0.01.	<0.01	<0.01	0.130	0.016	0.02		2.82.
73						42.5	45.0	"		0.02.	<0.01	0.01	0.435.	0.007	0.04		2.84.
74						45.0	47.5	"		0.01.	<0.01	0.03	0.110.	0.014	0.01		2.84.
75						47.5	50.0.	"		0.01.	<0.01	0.01	0.410.	0.014	0.02		2.82.

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 28.10.81
COMPILED BY: H. FRANKE
ASSAY DATES:
PAGE 2 OF 6

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE			∑	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%MoS2	%Bi	%Zn	S.G.
		LENS	LEVEL	DATE													
302176	c1687	FOLEY'S	24/25			50.0	52.5	2.5		<0.01	<0.01	0.01	0.315	0.007	0.02		2.80
77						52.5	55.0	"		0.01	<0.01	0.01	0.335	0.020	0.02		2.86
78						55.0	57.5	"		0.02	<0.01	0.01	0.605	0.007	0.02		2.88
79						57.5	60.0	"		0.01	<0.01	0.04	0.420	0.016	0.03		2.87
80						60.0	62.5	"		0.02	<0.01	0.06	0.101	0.009	0.01		2.86
81						62.5	65.0	"		<0.01	<0.01	0.01	0.215	0.013	0.01		2.82
82						65.0	67.5	"		0.01	<0.01	0.01	0.176	0.006	0.01		2.80
83						67.5	70.0	"		0.01	<0.01	0.01	0.180	0.015	0.02		2.79
84						70.0	72.5	"		0.02	<0.01	0.02	0.750	0.081	0.05		2.84
85						72.5	75.0	"		0.01	<0.01	0.01	0.275	0.006	0.01		2.82
86						75.0	77.5	"		0.02	<0.01	0.01	0.680	0.006	0.02		2.90
87						77.5	80.0	"		0.06	0.01	0.03	0.310	0.026	0.01		2.84
88						80.0	82.5	"		0.10	0.01	0.07	1.20	0.037	0.05		2.87
89						82.5	85.0	"		0.19	<0.01	0.18	0.870	0.021	0.03		2.86
90						85.0	87.5	"		0.14	<0.01	0.03	0.550	0.028	0.02		2.84
91						87.5	90.0	"		0.08	<0.01	0.12	0.620	0.024	0.02		2.84
92						90.0	92.5	"		0.06	<0.01	0.03	0.375	0.008	0.02		2.85
93						92.5	95.0	"		0.08	<0.01	0.01	0.330	0.012	0.01		2.82
94						95.0	97.5	"		0.06	<0.01	0.02	0.565	0.007	0.02		2.85
95						97.5	100.0	"		0.07	<0.01	0.03	0.570	0.009	0.02		2.84
96						100.0	102.5	"		0.08	<0.01	0.05	0.340	0.016	0.03		2.98

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 3-10-81
COMPILED BY: M HUGHES
ASSAY DATES:
PAGE 3 OF 8

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE			∑	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	%Zn	SG
		LENS	LEVEL	DATE													
302197	C1637	FOLEY'S	21/25.	3-10-81		102·5	105·0	2·5		0·03.	<0·01	0.02	0·345	0.007	<0.01		2.84.
198						105·0	107·5	"		0·04	<0·01	0.08	0·275	0.019	<0.01		2.80.
199						107·5	110·0	"		0·03	<0.01	0.01	0·705	0.013	<0.01		2.84.
200						110·0	112·5.	"		0·04.	<0.01	0.03	0·760.	0.027	<0.01		2.86.
201						112·5	115·0	"		0·02.	<0.01	0.01	0·755	0.030	0.02		2.83
202						115·0	117·5	"		0·06	<0.01	0.01	0·990.	0.014	<0.01		2.86.
203						117·5	120·0	"		0·04.	<0.01	0.01	0·560.	0.014	<0.01		2.81.
204						120·0	122·5	"		0·02.	<0.01	<0.01	0·410.	0.021	<0.01		2.79
205						122·5	125·0	"		0·02	<0.01	0.02	0·340.	0.022	<0.01		2.82.
206						125·0	127·5.	"		0·02.	<0·01	0.01	0·400.	0.039	<0.01		2.81.

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CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 4.11.81
COMPILED BY:
ASSAY DATES:

PAGE 4 OF 7

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE			∑	FROM	TO	LENGTH	ROCK TYPE	%SnT ☑	%SnS ☑	%Cu ☑	%WO3 ☑	%Mo ☑	%Bi ☑	%Zn ☐	SG.
		LENS	LEVEL	DATE													
302307	C1637	FOLEY'S	24/25			127.5	130.0	2.5		0.02.	<0.01	0.02	0.400	0.041	<0.01		2.83.
8						130.0	132.5	"		0.04.	<0.01.	0.03	0.605.	0.029	<0.01		2.81.
9						132.5	135.0	"		0.02.	<0.01,	0.01	0.145.	0.026	<0.01		2.85.
10						135.0	137.5.	"		0.02.	<0.01	0.01	0.380.	0.010	<0.01		2.84.
11						137.5	140.0	"		0.02.	<0.01	0.03	0.700.	0.051	0.01		2.80.
12						140.0	142.5	"		0.03.	<0.01	0.01	1.10	0.043	0.03		2.86.
13						142.5	145.0	"		0.02.	<0.01	0.01	0.425	0.014	0.01		2.84.
14						145.0	147.5	"		0.02.	<0.01	<0.01	0.215.	0.063	0.02		2.86,
15						147.5	150.0	"		0.01.	<0.01	<0.01	0.345	0.058	0.03.		2.86
16						150.0	152.5.	"		0.02.	<0.01	<0.01	0.320.	0.040	0.03		2.86
17						152.5	155.0	"		0.01.	<0.01	0.02	0.165.	0.039	0.01		2.87.
18						155.0	157.5	"		0.02.	<0.01	<0.01	0.115.	0.010	0.01		2.83.
19						157.5	160.0	"		0.02.	<0.01	<0.01	0.175.	0.033	0.01		2.85
20						160.0	162.5	"		0.01.	<0.01	<0.01	0.130.	0.014	0.02		2.86.
21						162.5	165.0	"		0.01	<0.01	<0.01	0.265	0.024	0.02		2.80.
22						165.0	167.5	"		0.03.	<0.01	0.01	0.110.	0.016	0.01		2.86.
23						167.5	170.0	"		0.02.	<0.01	0.01	0.060.	0.013	0.01		2.91.
24						170.0	172.5	"		0.02.	<0.01	0.03	0.295.	0.114	0.03		2.89.
25						172.5	175.0	"		0.01	<0.01	0.01	0.085.	0.026	0.01		2.88.
26						175.0	177.5	"		0.01.	<0.01	<0.01	0.170.	0.028	0.02		2.91
27.						177.5	180.0	"		0.03.	<0.01	<0.01	0.270.	0.053	0.04		2.88.

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT. **SAMPLE ASSAY DATA** FINAL ASSAY REPORT

COMPILATION DATE: 6.11.8
COMPILED BY: H. FRANKE
ASSAY DATES:
PAGE 5 OF 6

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE			∑	FROM	TO	LENGTH	ROCK TYPE	%SnT ✓	%SnS ✓	%Cu ✓	%WO$_3$ ✓	%MoS_2 ✓	%Bi ✓	%Zn	SG
		LENS	LEVEL	DATE													
302328	c1637	FOLEY'S	24/25			180.0	182.5	2.5		0.02	<0.01	0.01	0.170	0.060	0.035		2.78
29						182.5	185.0	"		0.02	<0.01	<0.01	1.140	0.250	0.095		2.80
30						185.0	187.5	"		0.02	<0.01	0.01	0.155	0.045	0.030		2.87
31						187.5	190.0	"		0.01	<0.01	0.01	0.130	0.060	0.045		2.80
32						190.0	192.5	"		0.01	<0.01	<0.01	0.065	0.015	0.030		2.80
33						192.5	195.0	"		0.01	<0.01	0.04	0.100	0.025	0.050		2.83
34						195.0	197.5	"		0.01	<0.01	0.01	0.185	0.050	0.055		2.86
35						197.5	200.0	"		0.01	<0.01	0.01	0.220	0.025	0.065		2.79
36						200.0	202.5	"		0.02	<0.01	0.01	0.360	0.095	0.100		2.87
37						202.5	205.0	"		0.02	<0.01	0.02	0.120	0.015	0.055		2.82
38						205.0	207.5	"		0.03	<0.01	0.01	0.145	0.045	0.055		2.81
39						207.5	210.0	"		0.01	<0.01	0.01	0.110	0.025	0.035		2.84
40						210.0	212.5	"		0.02	<0.01	0.01	0.045	0.015	0.010		2.86
41						212.5	215.0	"		0.03	<0.01	0.02	0.045	0.005	0.015		2.90
42						215.0	217.5	"		0.02	<0.01	0.02	0.055	0.005	0.020		2.86
43						217.5	220.0	"		0.02	<0.01	0.02	0.060	0.010	0.020		2.86
44						220.0	222.5	"		0.01	<0.01	0.02	0.090	0.005	0.020		2.81
45						222.5	225.0	"		0.02	<0.01	0.01	0.140	<0.005	0.010		2.87
46						225.0	227.5	"		0.01	<0.01	0.02	0.030	<0.005	0.005		2.79
47						227.5	230.0	"		0.01	<0.01	0.04	0.030	<0.005	<0.005		2.81
48						230.0	232.5	"		0.01	<0.01	<0.01	0.095	<0.005	0.025		2.87

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 10.11.81
COMPILED BY: H. FRANKE
ASSAY DATES:
PAGE 6 OF 6

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~			∑	FROM	TO	LENGTH	ROCK TYPE	%SnT 17/11	%SnS	%Cu	%WO₃	%MoS2	%Bi	%Zn	SG.
		LENS	LEVEL	DATE													
302349	c1637	FOLEYS	24/25			232.5	235.0	2.5		0.01	<0.01	<0.01	0.050	<0.005	<0.005		2.81
50						235.0	237.5	"		0.01	<0.01	<0.01	0.045	<0.005	0.020		2.86
51						237.5	240.0	"		0.01	<0.01	<0.01	0.140	<0.005	0.020		2.88
52						240.0	242.5	"		0.01	<0.01	0.01	0.025	<0.005	<0.005		2.86
53						242.5	245.0	"		0.01	<0.01	0.01	0.020	<0.005	<0.005		2.79
54						245.0	247.5	"		0.01	<0.01	0.01	0.030	<0.005	0.015		2.93
55						247.5	250.0	"		0.01	<0.01	0.01	0.035	<0.005	0.005		2.86
56						250.0	252.5	"		0.02	<0.01	0.01	0.025	<0.005	<0.005		2.77
57						2525	255.0	"		0.01	<0.01	0.01	0.035	<0.005	0.005		2.82
58						255.0	257.5	"		0.02	<0.01	<0.01	0.050	<0.005	0.015		2.82
59						257.5	260.0	"		0.01	<0.01	<0.01	0.035	<0.005	0.005		2.86
60						260.0	262.5	"		0.02	<0.01	0.01	0.030	<0.005	0.005		2.88
61						262.5	265.0	"		0.01	<0.01	<0.01	0.035	<0.005	0.015		2.87
62						265.0	267.5	"		0.01	<0.01	0.02	0.040	<0.005	0.010.		2.86
63						267.5	270.0	"		0.01	<0.01	<0.01	0.040	<0.005	0.005		2.86
64						270.0	272.5	"		0.01	<0.01	0.03	0.035	<0.005	<0.005		2.82
65						272.5	275.0	"		0.01	<0.01	0.01	0.025	<0.005	<0.005		2.80
66						275.0	277.5	"		0.01	<0.01	<0.01	0.055	<0.005	0.005		2.84
~~67~~																	
~~68~~																	
~~69~~																	

SMITH PRINT

FOLEY'S ZONE-VEIN DENSITY

HOLE N°:- C1637　MEASURED BY:-　DATE:-

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
0	2·5		15·4	6
2·5	5·0		3·3	1
5·0	7·5		4·4	2
7·5	10·0		13·5	5
10·0	12·5		12·6	5
12·5	15·0		4·6	2
15·0	17·5		7·9	3
17·5	20·0		39·7	16
20·0	22·5		8·4	3
22·5	25·0		6·3	3
25·0	27·5		10·2	4
27·5	30·0		3·0	1
30·0	32·5		8·3	3
32·5	35·0		10·2	4
35·0	37·5		4·2	2
37·5	40·0		4·7	2
40·0	42·5		8·3	3
42·5	45·0		51·1	20
45·0	47·5		9·1	4
47·5	50·0		44·5	18
50·0	52·5		26·7	11
52·5	55·0		15·0	6
55·0	57·5		32·5	13
57·5	60·0		55·3	22
60·0	62·5		15·3	6
62·5	65·0		19·6	8
65·0	67·5		18·8	6
67·5	70·0		17·8	7
70·0	72·5		56·8	23
72·5	75·0		19·7	8
75·0	77·5		50·0	20
77·5	80·0		65·6	26
80·0	82·5			–

FOLEY'S ZONE-VEIN DENSITY

HOLE N°:- C1637 MEASURED BY:- DATE:-

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
82·5	85·0			
85·0	87·5			
87·5	90·0			
90·0	92·5			
92·5	95·0			
95·0	97·5			
97·5	100·0			
100·0	102·5			
102·5	105·0			
105·0	107·5			
107·5	110·0			
110·0	112·5			
112·5	115·0			
115·0	117·5			
117·5	120·0			
120·0	122·5			
122·5	125·0			
125·0	127·5			
127·5	130·0			–
130·0	132·5		135·6	54
132·5	135·0		18·0	7
135·0	137·5			–
137·5	140·0		44·1	18
140·0	142·5			–
142·5	145·0		26·8	11
145·0	147·5		32·5	13
147·5	150·0		32·0	13
150·0	152·5		12·8	5
152·5	155·0		16·7	7
155·0	157·5		6·5	3
157·5	160·0		10·0	4
160·0	162·5		11·5	5
162·5	165·0		7·9	3

FOLEY'S ZONE-VEIN DENSITY

HOLE N°:- C1637 MEASURED BY:- DATE:-

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
165·0	167·5		7·4	3
167·5	170·0		6·1	2
170·0	172·5		37·3	15
172·5	175·0		11·3	5
175·0	177·5		13·9	6
177·5	180·0		33·4	13
180·0	182·5		17·6	7
182·5	185·0		51·4	21
185·0	187·5		12·1	5
187·5	190·0		34·2	14
190·0	192·5		11·4	5
192·5	195·0		13·8	6
195·0	197·5		21·4	9
197·5	200·0		29·6	12
200·0	202·5		27·0	11
202·5	205·0		15·2	6
205·0	207·5		36·1	14
207·5	210·0		20·4	8
210·0	212·5		37·2	15
212·5	215·0		12·1	5
215·0	217·5		27·9	11
217·5	220·0		5·1	2
220·0	222·5		11·3	5
222·5	225·0		13·3	5
225·0	227·5		5·9	2
227·5	230·0		3·3	1·3
230·0	232·5		22·9	9
232·5	235·0		4·3	2
235·0	237·5		13·3	5
237·5	240·0		15·3	6
240·0	242·5		9·0	4
242·5	245·0		4·3	2
245·0	247·5			—

FOLEY'S ZONE-VEIN DENSITY

HOLE N°:- C1637 MEASURED BY:-………………… DATE:-…………………

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
247.5				
250.0				
252.5				