REF NO 18596 C1633

CLEVELAND TIN — GEOLOGY DEPT.

Hole No:- C1633 **DRILL HOLE RECORD SHEET**

Location: 20/22 L/Bay Sect: 5

Objective: Foley's Zone Category: F/E

Proposed Azimuth: 132° Proposed Dip: -80°

Survey P/U Azimuth: 131° 16' 28" Survey P/U Dip: -79° 37' 20"

Calced by N.J. Hall (17/8/81)

Instrument Azimuth Correction Factor: +3.75

Collar Co-ords: 15468.067 N. 10823.375 E.

Collar R.L.: 1054.472 Final Depth: 657.8

Drilled By: Longyear - River, Det, Oscar

Rig Type: EHS 38 Core Size: BQ

Drilling Commenced: 1/7/81 Drilling Completed: 6/8/81

Survey Data				Interpolated Data		
Survey Inst.	Depth	Az.	Dip	Depth	Az.	Dip
Surv. P/U	0	131.25	-79.5	0	131.25	-79.5
Cam.	20	127.5	-79.5	12.5	131.25	-79.5
Oscar	80	140	-78.5	37.5	133.5	-79.25
Oscar	138	141	-78	62.5	140.5	-78.75
Oscar	192	153	-77.5	87.5	144	-78.5
Oscar	246	153	-77.5	112.5	145	-78.25
Oscar	300	154	-77.5	137.5	145	-78
Lloyd	350	171	-78	162.5	148	-78
Lloyd	400	177	-78.5	187.5	156	-77.5
Lloyd	445	185	-79	212.5	157	-77.5
NH	500	190	-80	237.5	157	-77.5
River	550	195	-80.75	262.5	157	-77.5
NH	600	197	-81	287.5	157.5	-77.5
				312.5	159.5	-77.5
				337.5	169.5	-77.75
				362.5	177.5	-78
				387.5	180	-78.5
				412.5	182	-78.75
				437.5	187	-79
				462.5	190	-79.5
				487.5	192.5	-79.75
				512.5	195	-80
				537.5	197.5	-80.5
				562.5	199	-81
				587.5	200	-81
	657.8	204.5	-82	612.5	201.5	-81.25
				637.5	203	-81.5

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE Nº C1633

BY E.V.D

DATE Feb '81

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OF

■ > 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	OP OFP 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
0														
1														
2	0.6													
3	2.9												2.5	
4	1.1												3.1	
5	5.0												4.7	
6													5.0	
7	0.05													
8	2.0													
9														
10	0.05													
DEPTH M	LIFTS / LOSS	OP OFP 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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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 (■ > 50%, ⊠ 20-50%, ▥ 5-20%, ◫ 1-5%, ⊡ < 1%) (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

DEPTH M | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

LIFTS: 11.0 | 14.0 | 17.0 | 20.0

LOSS: 0 | 0.25 | 0

REMARKS: 14.8 | 15.2 | 16.0 | 17.8

PLOTTING SYMBOLS: 46 | 46 | 46 | 54 | 55

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

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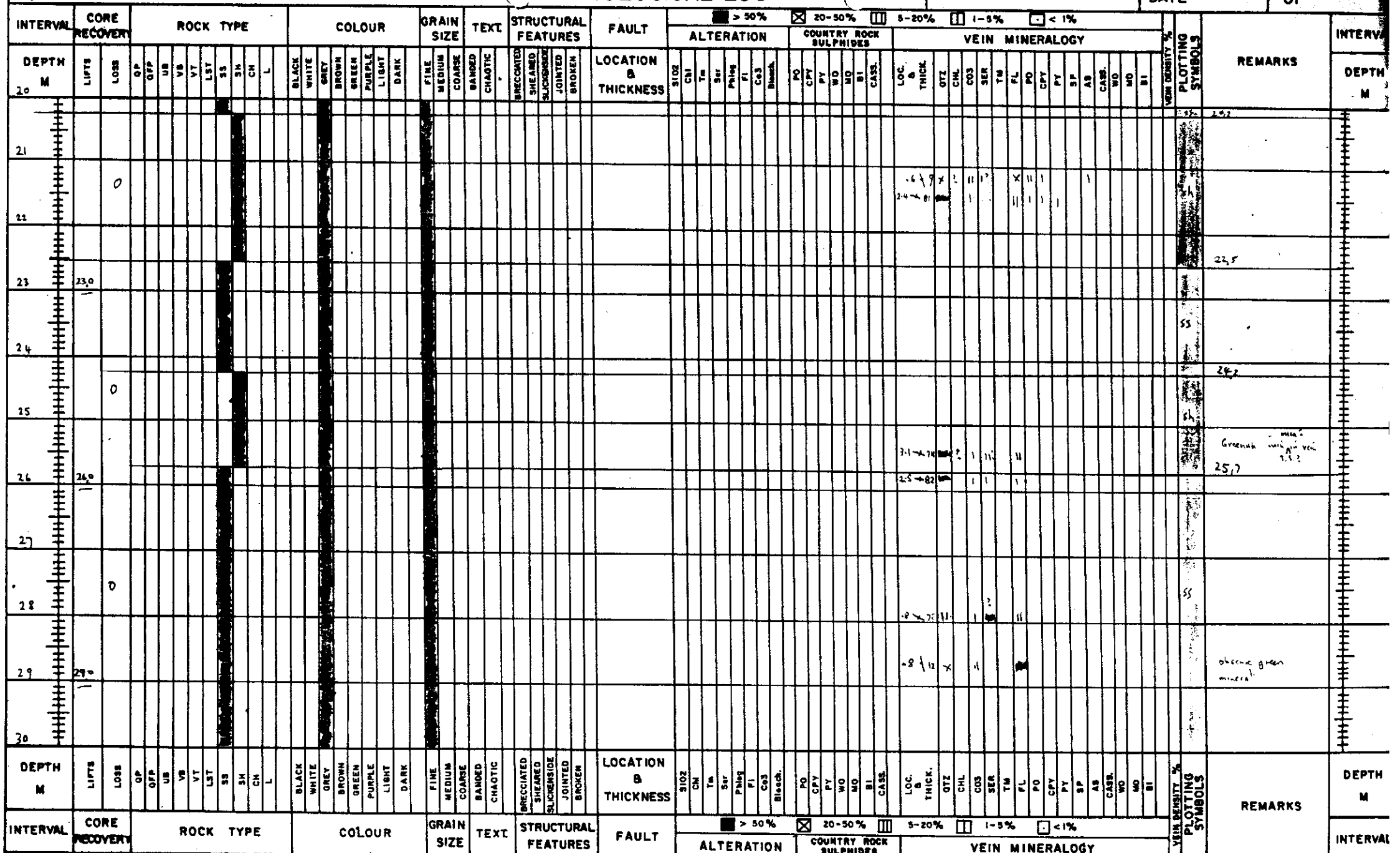

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FOLEY'S ZONE GEOLOGICAL LOG

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

Columns: INTERVAL (DEPTH M) · 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

Rock type SS, colour GREY, grain size FINE, 30–40 m.

Depth (m)	Lifts	Loss	Vein loc. & thick.	QTZ	CHL	CO3	FL	PY	AS	CASS.	WO	MO	BI	Plotting symbols
30–31			17·6 … 95	■		11	11				1	1		
30–31			6 X 24	■		1	X						•	
31–32	32·0	0·05												ss
33			1·2 X 23	■		1	X					1		
33–34		0												
34–35	35·0		(3·4 X 23?)	■		1	X				1	1		ss
36–37		0·1	1·6 ≠ 6	X		11	X	x	11					
38	38·0													ss
39–40		0·2	2·5 → 82	■	?	1	11			1				
39–40			3·6 …	■	?	1	1							

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Column headings: INTERVAL / DEPTH M; 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

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

Depth M	Lifts	Loss	Rock type	Colour	Grain size	Vein Loc. & Thick.	QTZ	CO3	SER	TM	FL	CPY	AS	Plotting symbols
40			SS	Grey	Fine									
41	41.0		SS	Grey	Fine									
41–42			SS	Grey	Fine	.4 ∖ 13	X	ıı			ıı	ı	X	
42		0.1	SS	Grey	Fine									SS
43			SS	Grey	Fine									
44	44.0		SS	Grey	Fine									
44–45			SS	Grey	Fine	23 → 34	■	ıı	ı	ı	ıı			
45			SS	Grey	Fine	.9 → 80	■							
45–46		0.05	SS	Grey	Fine									SS
46–47			SS	Grey	Fine	1.3 → 86	■	ı	ı	ı?	ı			
47	47.0		SS	Grey	Fine									
48		0	SS	Grey	Fine									
49			SS	Grey	Fine									SS
49–50			SS	Grey	Fine	3-8 ↘ 72	■	ıı	ıı?		ıı			
50	50.0													

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Legend: ■ > 50% · ☒ 20–50% · ▥ 5–20% · ▯ 1–5% · ⊡ < 1%

Columns: INTERVAL (DEPTH M) · 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)	Lifts	Loss	Rock type	Colour	Grain size	Vein loc. & thick.	Vein mineralogy	Plotting symbols
50–51	50.0		SS	Grey	Fine			
51–52		0	SS	Grey	Fine	5·1 ~ 72	QTZ ■; | ; \ .? ; \	SS
52–53			SS	Grey	Fine			
53–54	53.0		SS	Grey	Fine	·6 \ 14	QTZ ☒; || ; | ; ■	
54–55		0	SS	Grey	Fine			SS
55–56			SS	Grey	Fine	16·2 ~ 78	QTZ ■; || ; | ; ||	
56–57	56.0		SS	Grey	Fine	1·0 \ 13	QTZ ■; || ; || ; X	
57–58		0	SS	Grey	Fine			SS
58–59			SS	Grey	Fine	·3 \ 13	QTZ ■; || ; || ; || | ; |	
59–60	59.0		SS	Grey	Fine			

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

Column headings: INTERVAL (DEPTH M) | CORE RECOVERY (LIFTS, LOSS) | ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CN, 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)

From 60 to 70 m, the log marks: Rock type SS; Colour GREY; Grain size FINE (continuous bars).

Depth (m)	Lifts	Loss	Vein loc. & thick.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI	Plotting symbols
60–61		0.1	.4 \ 13	X		11			11	1	1	X							SS
61–62		62.0																	
62–63			1·6 ~ 79	■		1			1										
			.8 ✕ 37	■		11	11		11										
63–64		0.1	1·4 / 53	■		1	[illegible]		X										SS
			.9 \ 28	■		1			X										
			[illegible] 81	■		1		2	1										
64–65	65.0		.7 { 8	■		1	1?		11										
65–66																			
66–67		0.05	.7 \ 22	■		11			11		11	1		X					SS
67–68	68.0																		
68–69			35 ~ 86	■		1		1	11										
			.8 ✕ 49	■		1			11							?			SS
69–70		0.05																	

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

INTERVAL DEPTH M	CORE RECOVERY: LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	VEIN MINERALOGY: LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
70			SS	GREY	FINE			
71	71.0		SS	GREY	FINE			
72		0.05	SS	GREY	FINE	1.0 → 32; .8 / 17	SS	
73			SS	GREY	FINE			73.4
74	74.0		SH	GREY	FINE	1.3 \ 32; .5 \ 17; 1.2 \ 17	SH	
75		0.05	SH	GREY	FINE	.4 \ 11		76.0
76			SH / CH	GREY / LIGHT	FINE		<4	76.2
77	77.0		SH	GREY	FINE	.4 \ 33		
78		0.05	SH / CH	GREY / LIGHT	FINE	.1 / 11		78.1; 78.2
79			SH	GREY	FINE		SH	
80	80.0							

Column headings: INTERVAL / DEPTH M; 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

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Depth (m)	Lifts	Loss	Vein loc. & thick.	Plotting symbols	Remarks
80	80,0				80,3
81			25 / 84		[illegible] ?
82		0.05		SS	[illegible]
					82,1
83	83,0			SH	83,2
84			-8 ∖ 54; 1-3 ∖ 52		
85		0.05			
86	86,0		2-7 ∖ 39; -5 / 15	SS	
87					
88		0-1			
	88,2	0.05			
89	89,0		3-2 ∖ 15	SS	
90					

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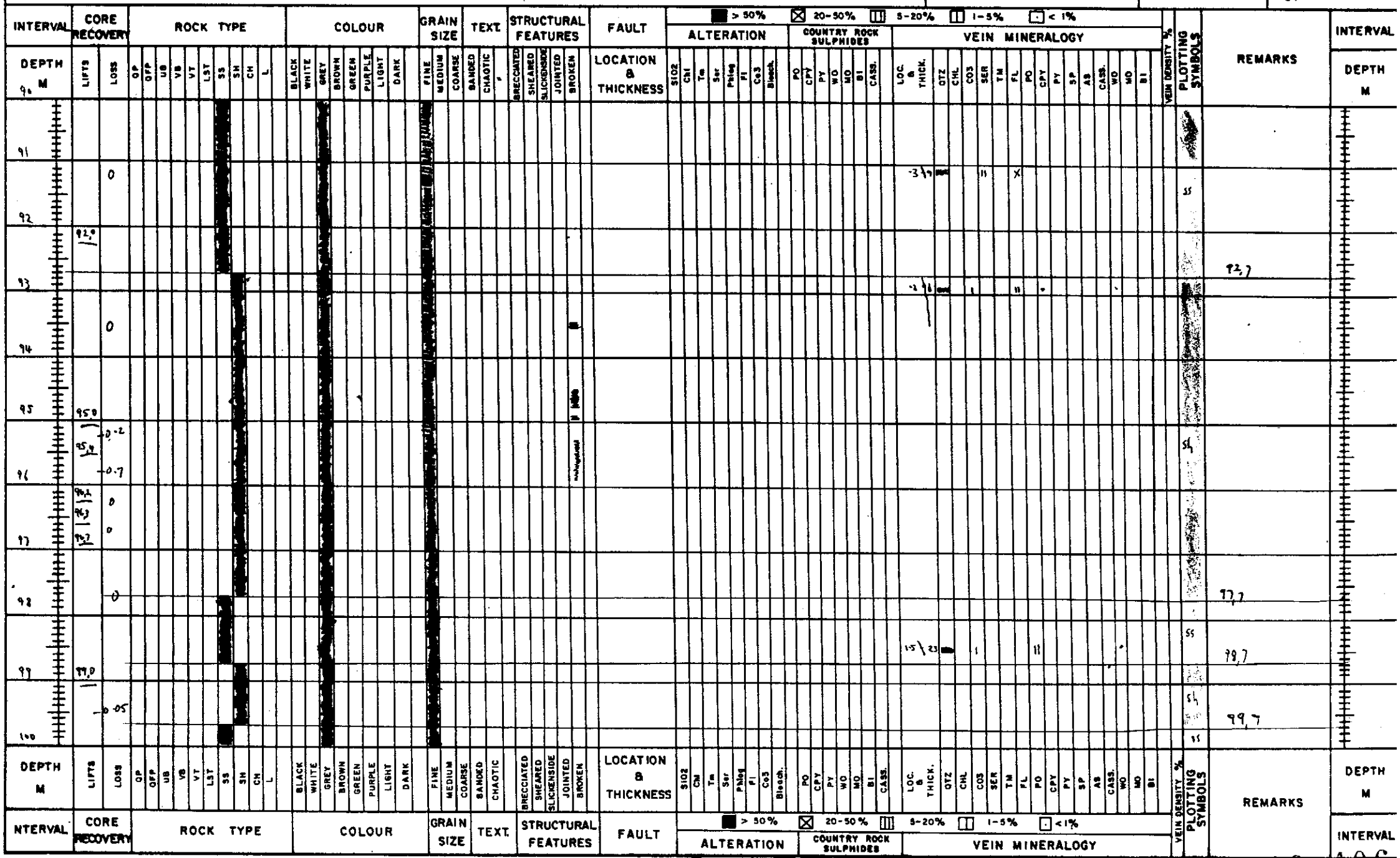

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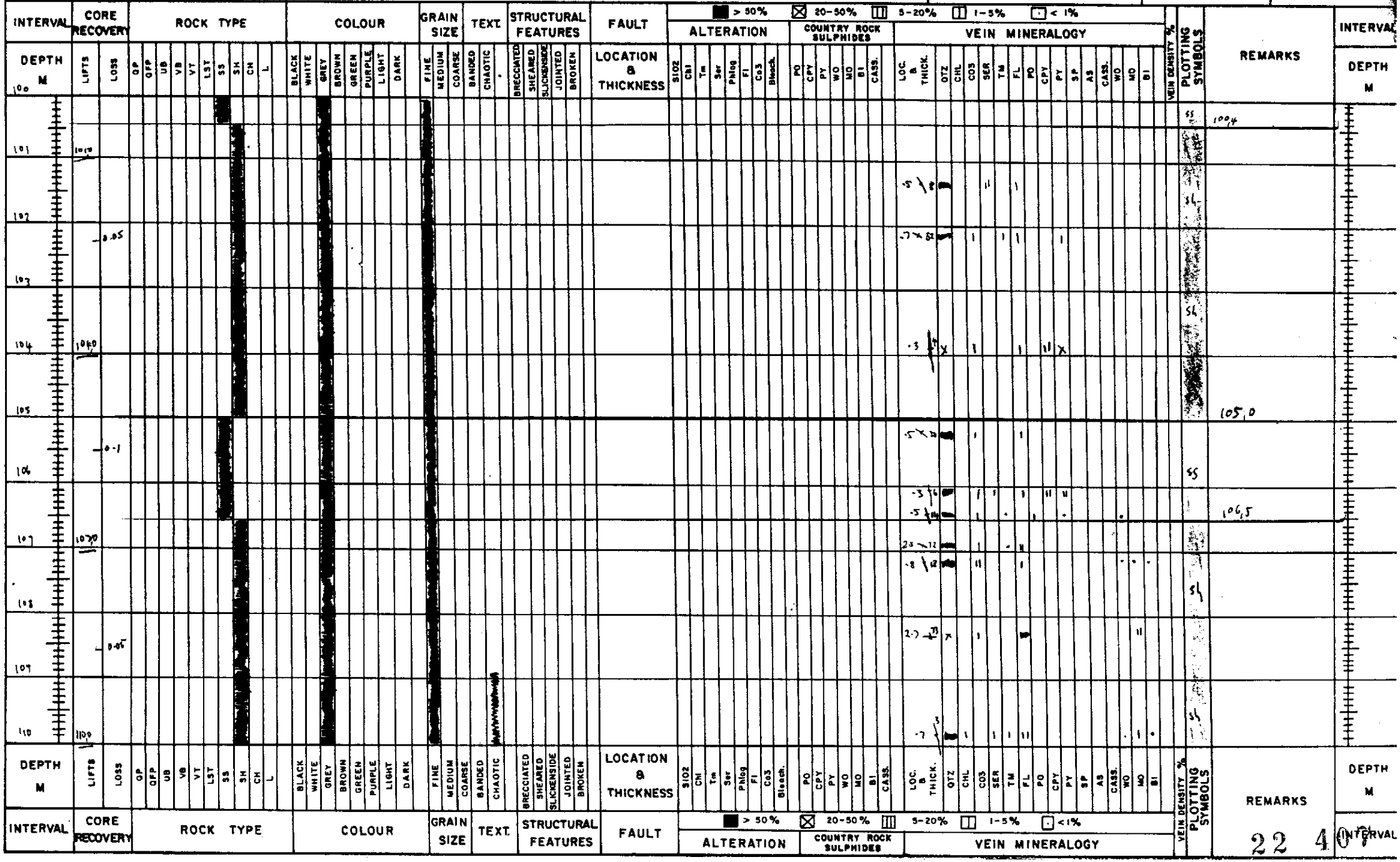

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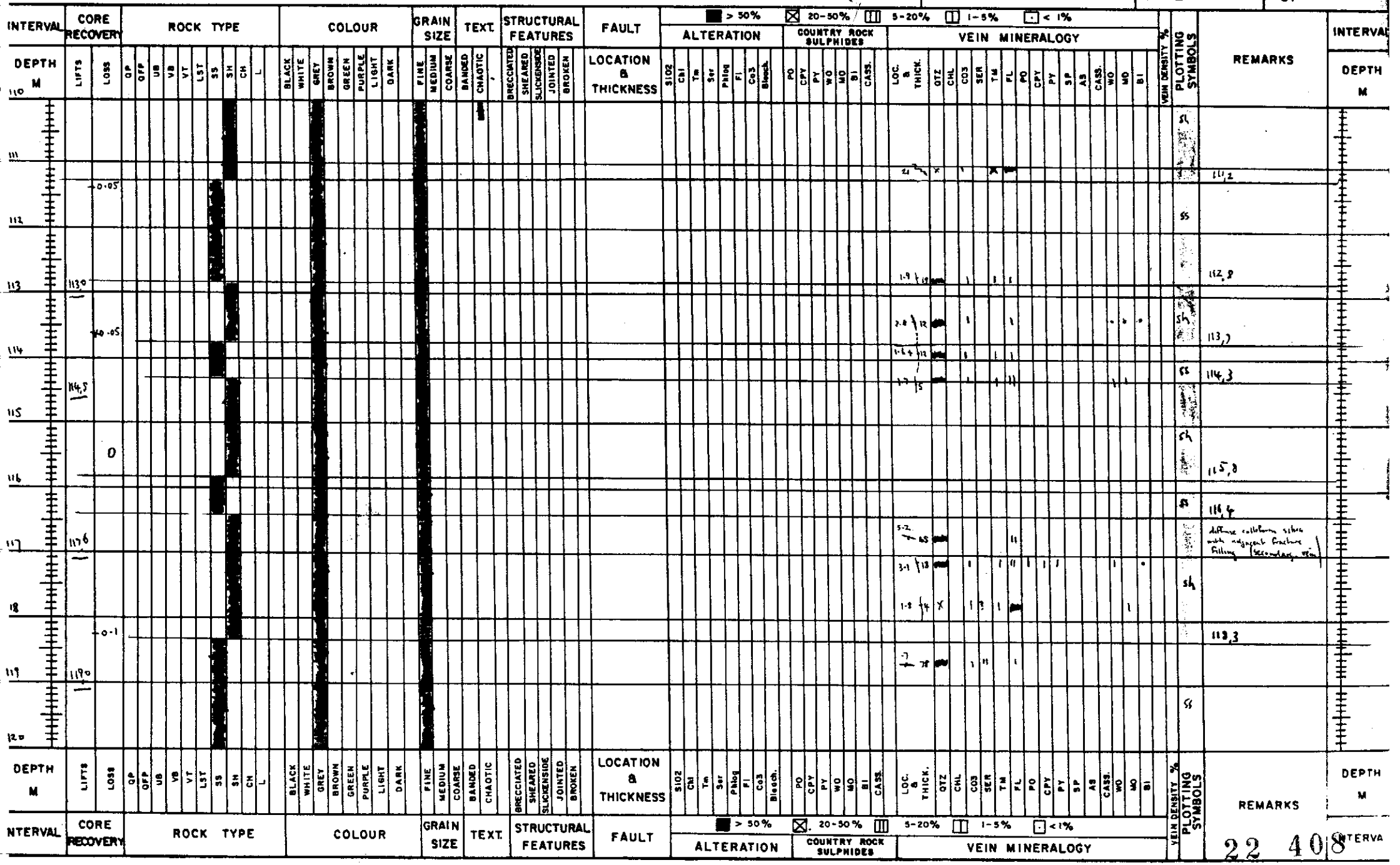

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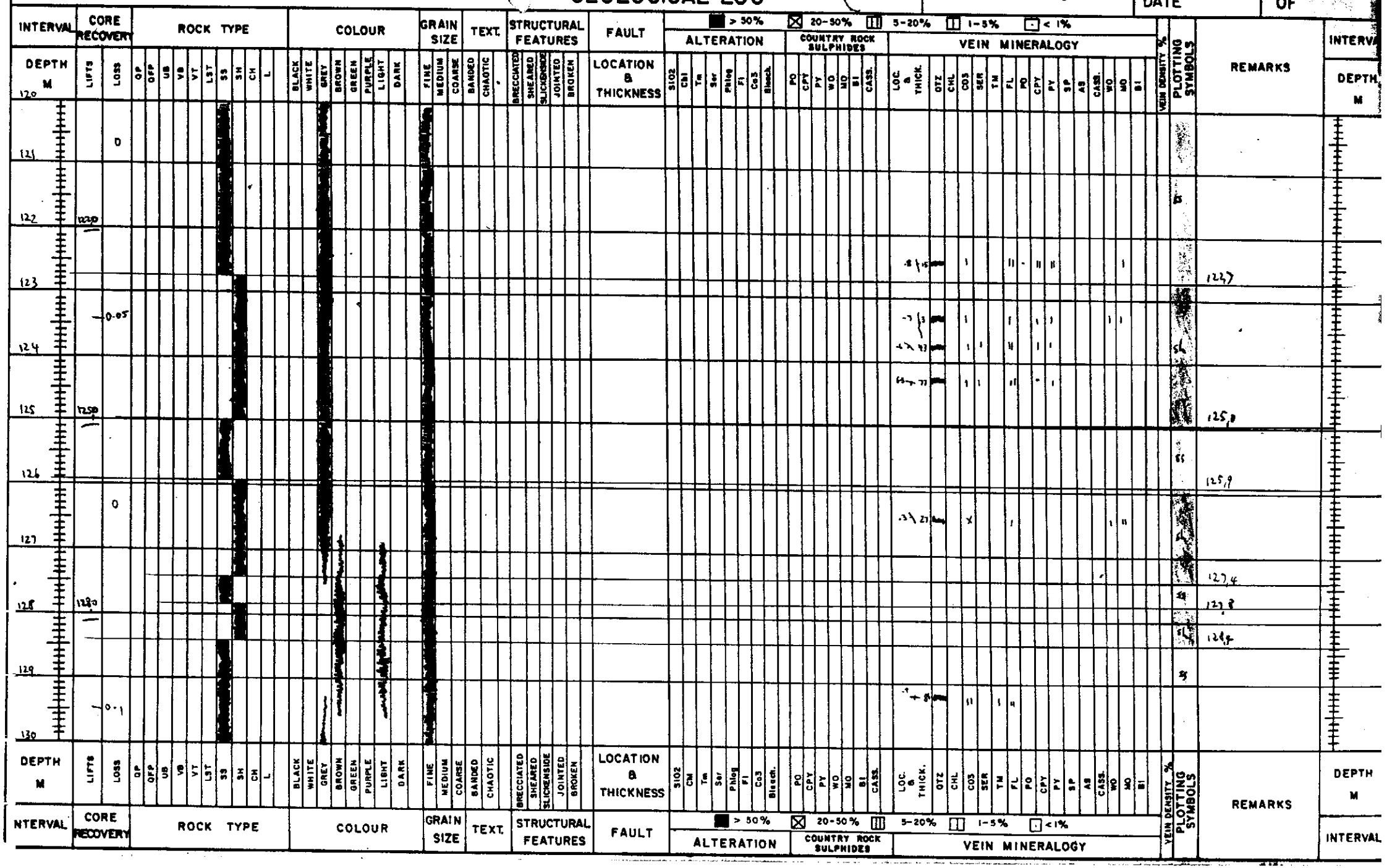

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Legend: ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

Columns: INTERVAL (DEPTH M) | 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 scale: 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140

Depth	Lifts	Loss	Vein loc. & thick.	Plotting symbol	Remarks
130			2.44 ✕ 51	SS	130,2
131	131,0		6.3 ~ 71	SS	130,9
132		0	.5 ~ 81	SS	132,0
133				SS	132,7
134	134,2		1.0 ✕ 52	SS	134,3
135		0	.2 \ 43	SS	135,2
135				SS	135,5
136	136,9			SS	136,7
138		0	.7 \ 32		
138			.6 ✕ 57	SS	
139	139,7		.3 ✕ 73		
139			.5 ✕ 51		

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

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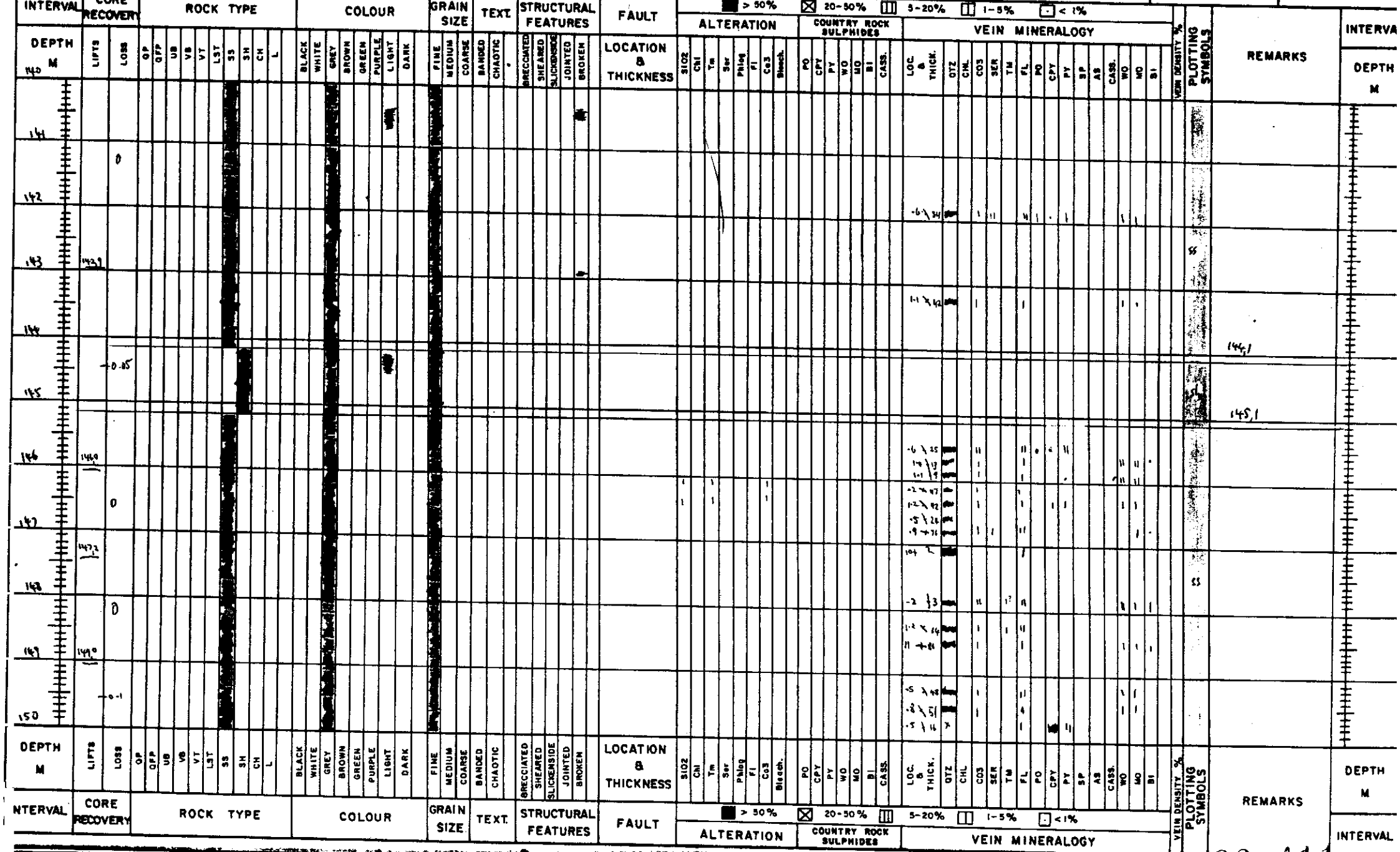

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INTERVAL | DEPTH M | CORE RECOVERY: LIFTS, LOSS | ROCK TYPE: QP, QFP, UB, VB, VT, LST, SS, SH, CH, L | COLOUR: BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK | GRAIN SIZE: FINE, MEDIUM, COARSE | TEXT.: BANDED, CHAOTIC | STRUCTURAL FEATURES: BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN | FAULT LOCATION & THICKNESS | ALTERATION (■ > 50% ⊠ 20-50% ▥ 5-20% ▯ 1-5% ▫ < 1%): 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

150
151
152
153
154
155
156
157
158
159
160

CORE RECOVERY: 159.5 / 159.7; +0.1; -0.1; 152.0; -0.2; 159; 0; 158.0; 0

REMARKS: 151.3; 152.9; 156.9; 157.9; 159.8

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OF

■ > 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				
160														
161													160.4	
162	161.0 / 14.1	D											161.7	
163	162.9	−0.45											162.6	
164	164.0	D												
165														
166		D												
167	167.*													
168														
169		−0.1											168.7	
170	170.0												169.2	
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

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

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FOLEY'S ZONE GEOLOGICAL LOG

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Column headings: INTERVAL — DEPTH M; 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

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

Depth (m)	Core recovery (lifts / loss)	Rock type	Colour	Grain size	Vein loc. & thick.	Vein mineralogy marks	Plotting symbols	Remarks
170	170.0	SS	Grey, light	Fine				
171	loss 0	SS	Grey, light	Fine				
172		SS	Grey	Fine	5.9 ~ 80; .6 ~ 57; .2 ~ 36; 1.5 ~ 64	I I I ; I I I ; II ; I I I	SS	qtz-vein cutting Mo-rich vein
173	173.0	SS	Grey	Fine	3.8 → 86; 1.8 ~ 63; 1.9 ~ 61	I I I I ; I I II II I ; I I I I · ·	Ss	
174	loss 0	SS / SH	Grey	Fine	2.6 ~ 40; 3.1 ~ 46	I · II II · ; I I II I ·		174.5
175		SH / SS	Grey	Fine			Sh	175.3
176	176.0	SS	Grey, light	Fine	1.2 ~ 46; 1.7 X 64; .5 ~ 33; 1.1 ~ 96	II I X I ; I I I I · ; I I I ; I I I I I	SS	
177	loss 0	SS	Grey	Fine	.8 ~ 33; 1 — 8; .9 ~ 53	I II ; I II II · · · ; I II I II		
178		SS	Grey	Fine				
179	179.0	SS	Grey	Fine	.6 ~ 38	I I I I	SS	
180								

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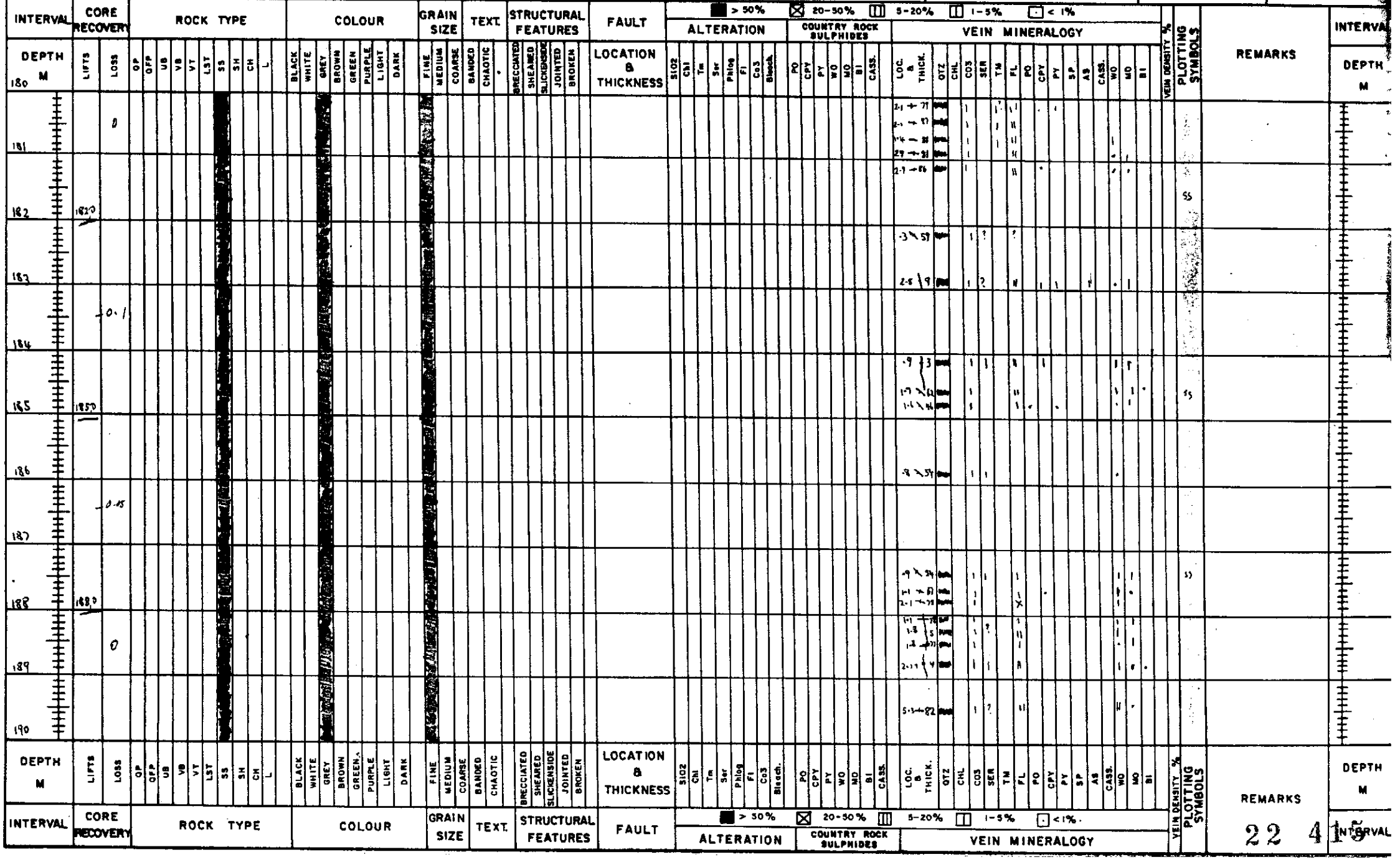

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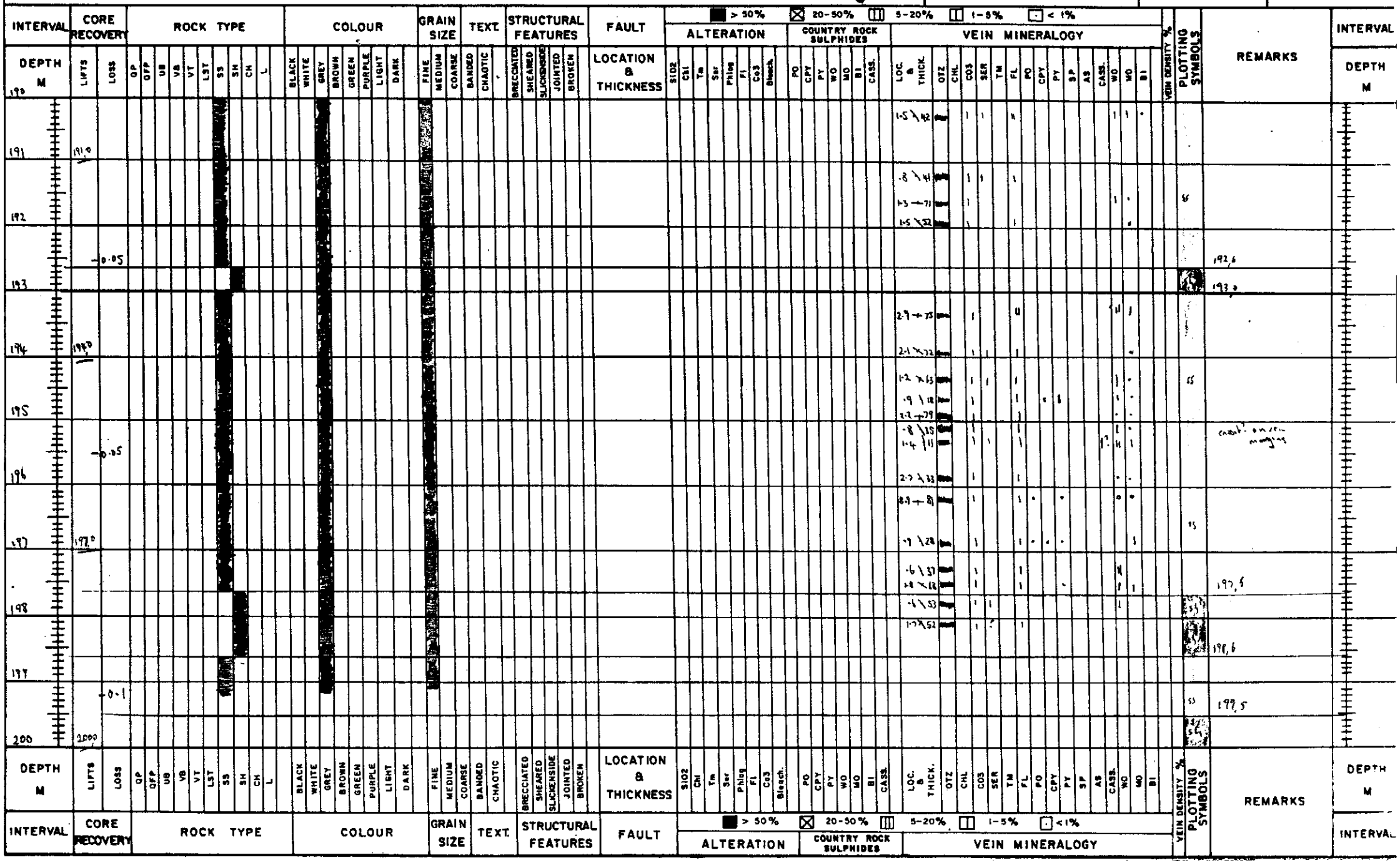

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Legend: ■ > 50% ☒ 20-50% ▥ 5-20% ◫ 1-5% ⊡ < 1%

INTERVAL DEPTH M	CORE RECOVERY LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT LOCATION & THICKNESS	ALTERATION	COUNTRY ROCK SULPHIDES	PLOTTING SYMBOLS	REMARKS
200–201.2	2000		SH	GREY	FINE							
201.2–203		0	SS	GREY	FINE						SS	201.2
203–206	2030	D	SS	GREY	FINE						SS	
206–209	2060	D	SS	GREY	FINE						SS	
209–210	2090		SS	GREY	FINE							

Depth scale: 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210

VEIN MINERALOGY

LOC. & THICK.	QTZ	CHL	COS	SER	TN	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI
2.77 \ 7	■		|			|	.	|	'				|	|	
3.7 \ 28	■		|			||							✓	.	
0.5 → 81	■		|			|	.	.	.				|	|	
2.1 \ 13	■		|	|'					|				|	|	
.8 \ 43	■		|	|					|						|
3.1 \ 53	■		|					.	.				|	|	
1.5 \ 7	■		|			|	|		x			|	|	|	
1.4 → 84	■	||'				|									
4.9 → 81	■		|			|	.	.	.		|		||	|	.

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INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION (■ > 50% ⊠ 20-50% ▥ 5-20% ▥ 1-5% □ < 1%)	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 Ca3 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
210														
211	-0.15													
212	2.20												Min vein cutting barren q.F.v. phlog-bot w q.v. cutting Min q.v. large Bi Min	
213											35			
214	-0.15										58		213,6	
215	2.50										54		214,7	
216											55			
217	-0.1													
218	2.80										55		218,0	
219														
220	0										55		220,9	
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 CH Tm Ser Phlog Fl Ca3 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 (■ > 50% ⊠ 20-50% ▥ 5-20% ▥ 1-5% □ < 1%)	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY				INTERVAL

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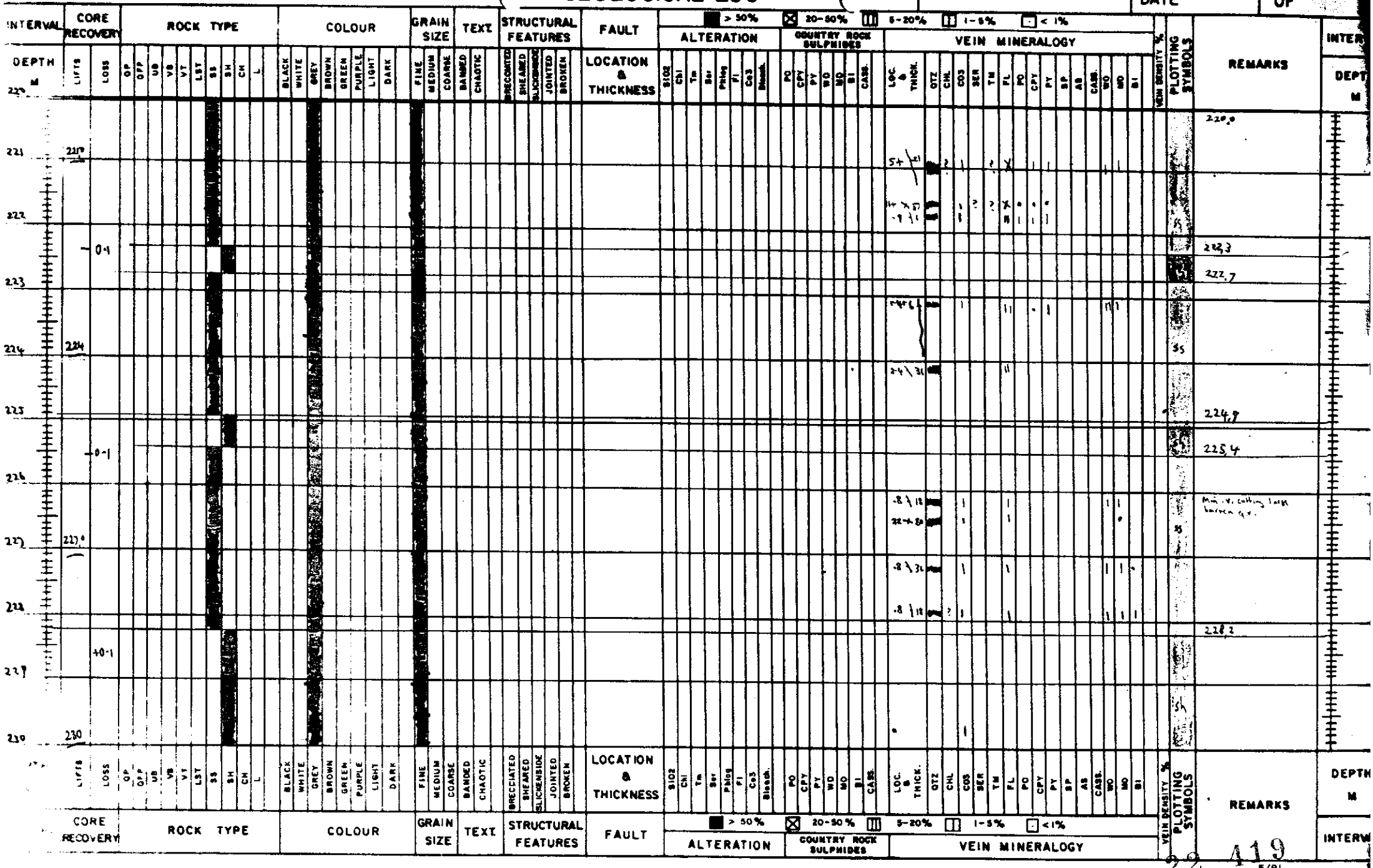

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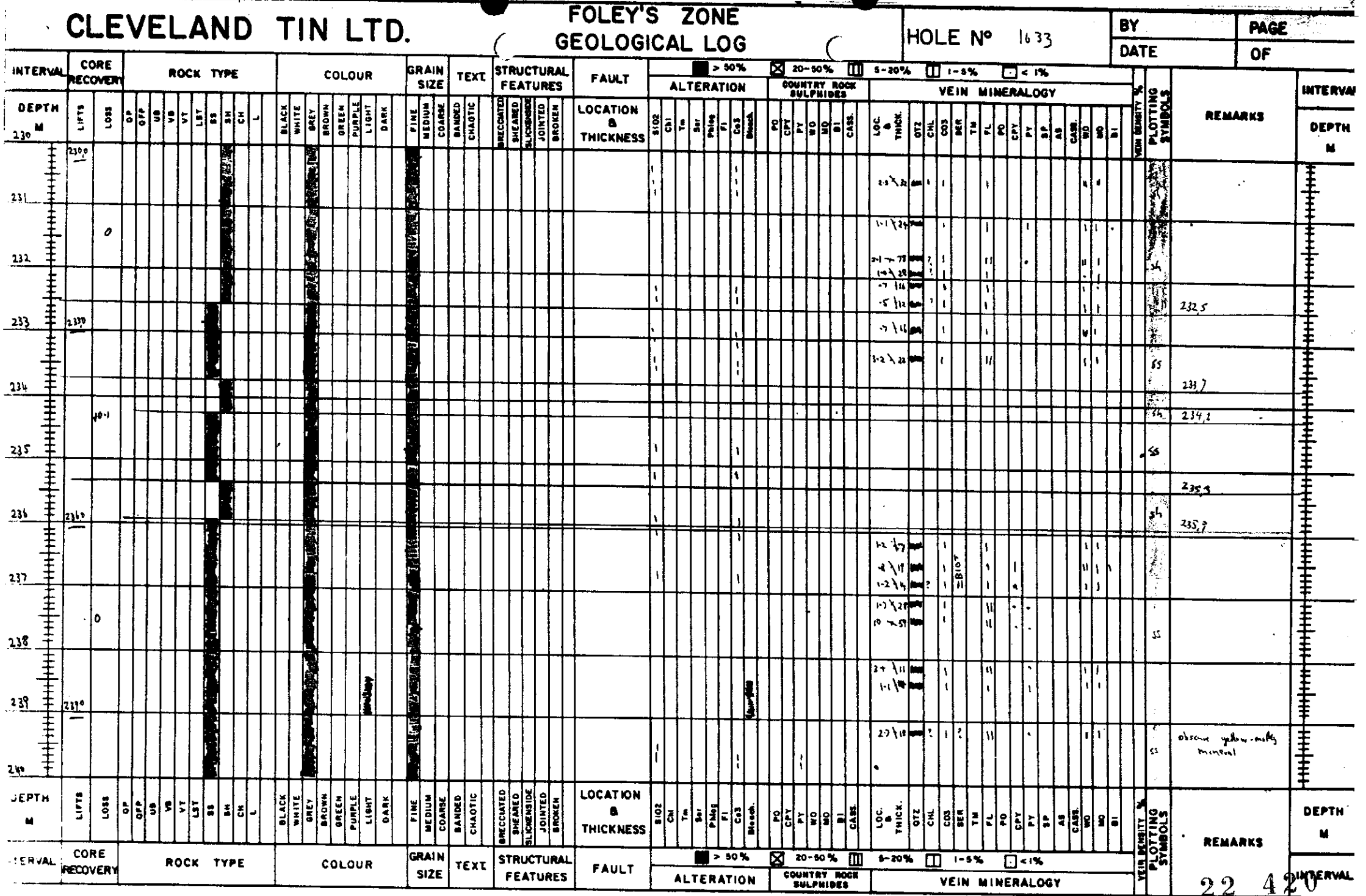

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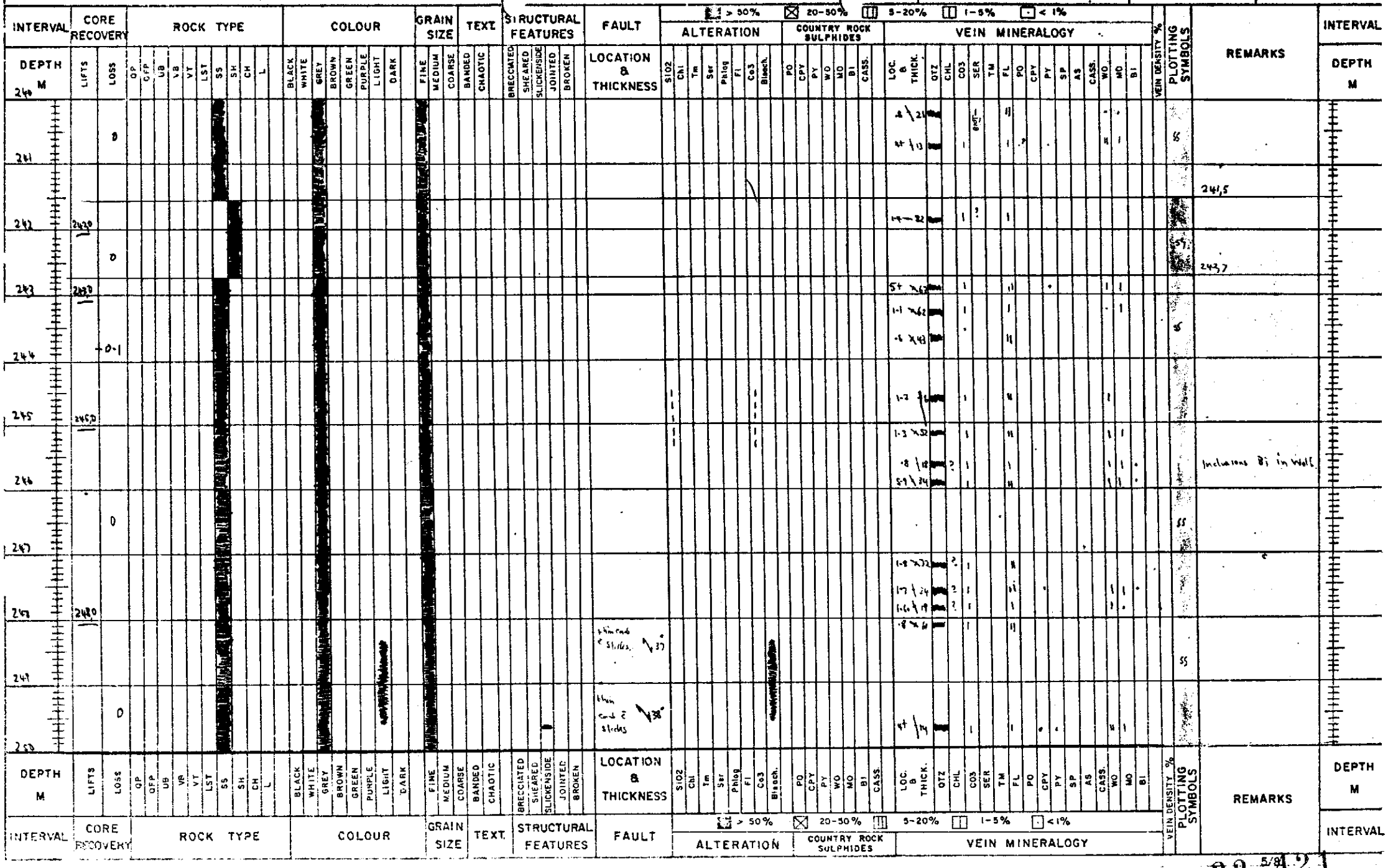

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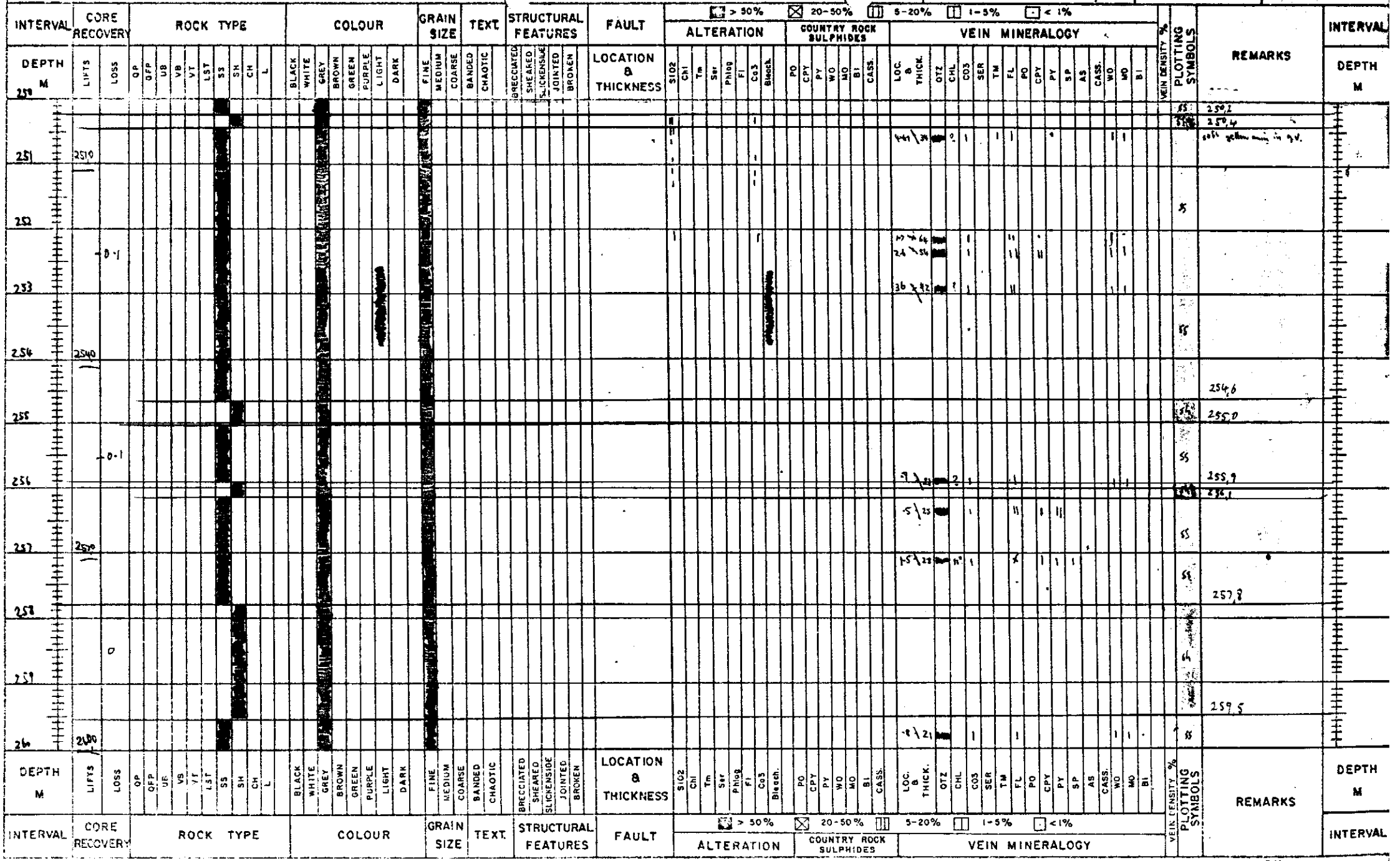

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Legend: > 50% | 20–50% | 5–20% | 1–5% | < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	VEIN MINERALOGY (LOC. & THICK.)	PLOTTING SYMBOLS	REMARKS
260	260.0		SS	GREY	FINE		SS	
261		0.05	SS	GREY	FINE	2.2 \ (1)		irregular silic zone. possibly hydraulically fractured qz invasions
262			SS	GREY	FINE	2.8 \ 62; 2.1 \ 16		
263	263.0		SS	GREY	FINE		SS	
264		0.1	SS	GREY	FINE	1.4 \ 35		
265			SS	GREY	FINE		SS	
266	266.0		SS / SH	GREY	FINE	1.7 \ 17	SH	266.6; 266.9
267		0	SS	GREY	FINE	.5 \ 24; .8 \ 27	SS	
268			SS	GREY	FINE			
269	269.0		SS	GREY	FINE	.8 \ 51		
270								

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INTERVAL

DEPTH M

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

> 50% ▨ 20-50% ▨ 5-20% ▨ 1-5% ▨ < 1%

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 — CORE RECOVERY — LIFTS / LOSS — ROCK TYPE — COLOUR — GRAIN SIZE — TEXT. — STRUCTURAL FEATURES — FAULT — LOCATION & THICKNESS — ALTERATION — COUNTRY ROCK SULPHIDES — VEIN MINERALOGY — VEIN DENSITY % — PLOTTING SYMBOLS — REMARKS

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Legend: ▣ > 50% ☒ 20–50% ▥ 5–20% ◫ 1–5% ☐ < 1%

Columns: INTERVAL (DEPTH M) · 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	ROCK TYPE	COLOUR	GRAIN SIZE	ALTERATION	VEIN LOC. & THICK.	VEIN MINERALOGY	PLOTTING SYMBOLS
280–281	281.0		SS	GREY	FINE		1·2\22	QTZ ▬; CHL ?; CO3 |; FL |; PO ·; CPY ·; PY ·; WO |; MO ·	
281–282			SS	GREY	FINE		2·7\25	QTZ ▬; CHL 1?; CO3 |; FL |; CPY ·	SS
282–283		0·1	SS	GREY	FINE				
283–284	284.0		SS	GREY	FINE	SiO2 ‖	·4\3	QTZ X; CHL ?; CO3 ‖; TM |; FL X; CPY |; PY ‖; AS |	
							1·1\24	QTZ ▬; CO3 |; FL |; WO |; MO |	
							1·2\27	QTZ ▬; CO3 |; FL |; WO |	
284–285			SS	GREY	FINE				SS
285–286		0·1	SS	GREY	FINE		8+ →·71	QTZ ▬; CHL ?; CO3 |; FL X; CPY ·; AS |	
286–287	287.0		SS	GREY	FINE				
287–288			SS	GREY	FINE		1·1→·83	QTZ ▬; CO3 |; FL ‖	SS
							1·5\24	QTZ ▬; CO3 |; FL ‖; PO ·; PY ·; WO |	
							2·1\23	QTZ ▬; CO3 |; FL |; CPY ·; PY ·; WO |; MO ·	
288–289			SS	WHITE/GREY	FINE		·5\12	QTZ 4½?; CHL ?; CO3 ‖; FL ‖; PY X; WO ?	
							1·3\48	QTZ ▬; CO3 |; FL ‖; PO |; WO ·; MO ·	
							2·0\16	QTZ ▬; CO3 |; FL |; CPY |; PY |; WO |; MO ·	
289–290			SS	WHITE/GREY	FINE		·5\32	QTZ ▬; CO3 |; FL |; BI |	
							1·3\11	QTZ ▬; CO3 |; FL |; CPY ·; PY |; WO |; MO ·	

REMARKS

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Legend: > 50% · 20–50% · 5–20% · 1–5% · < 1%

Columns: INTERVAL (DEPTH M) · 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	Rock type	Colour	Grain size	Vein loc. & thick.	Plotting symbols	Remarks
290	290.0		SS	GREY	FINE	.4 ∠16; .6 ∠46	SS	
291		-0.1	SS	GREY	FINE			
292			SS	GREY	FINE	1.0 ∠ 98; 1.8 ∠ 75; .8 ∠ 33; 2.24 ∠ 18	SS	
293	293.0		SS	GREY	FINE	.8 ∠ 25		
294		0	SS / SH	GREY	FINE			294.2
295			SH	GREY	FINE			
296	296.0		SH	GREY	FINE	69 ∠25		vein
297		-0.05	SH / SS	GREY	FINE	24 ∠ 37; .9 ∠18; 1.47 ∠12	SS	297.4
298			SS	GREY	FINE	.7 ∠6; .7 ∠13		(T-Section) 298.7m
299	299.0	0	SS	GREY	FINE	2.1 ∠ 11; .8 ∠ 13; 1.2 ∠6	SS	
300								

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Alteration / vein mineralogy key: > 50% · 20–50% · 5–20% · 1–5% · < 1%

Column headings: INTERVAL (DEPTH M) | 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	Rock type	Colour	Grain size	Vein loc. & thick.	Plotting symbols	Remarks
300			SS	Grey	Fine			
301			SS	Grey	Fine	2-1\18; 1-5\19	55	
302	302.9		SS	Grey	Fine	1-0\11; 1-2\19		
303		-0.1	SS	Grey	Fine	-8\13; 5-8~22; 1-3\14; 8-2~22		Min qz. cutting across q.v.
304			SS	Grey	Fine			
305	305.0; 305.3	-0.03	SS to 305.3, then SH	Grey	Fine	2-4\22		305.2
306		-0.05	SH	Grey	Fine			
307			SH	Grey	Fine	2-3\22		
308	308.0		SH	Grey	Fine	≈22~61 X		
309		+0.1	SH	Grey	Fine	1-8\22	55	309.9
310								

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INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION (■ > 50% ⊠ 20-50% ▥ 5-20% ▯ 1-5% □ < 1%)	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				
310	310													
311														
312										1-1 \ 20				
313	-0.1									2-1.5 \ 23			313.0	
314	314.9									2-3 \ 15				
315														
316	-0.05													
317	317.0									1-2 \ 10				
318										2-2.5 \ 8			(T. Section given)	
319	0									2-3 \ 32				
320										1-2 \ 8				
	320.0									1-3 \ 8				
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 (■ > 50% ⊠ 20-50% ▥ 5-20% ▯ 1-5% □ < 1%)	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL

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INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION (■ > 50% ⊠ 20–50% ▥ 5–20% ▥ 1–5% □ < 1%)	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL
DEPTH M	LIFTS / LOSS	OP OFP 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
320 M														
321										14 \ 19 25 + 71				
322	0									12 \ 27				
323	323.0													
324										18 \ 19				
325	0									11 + 72				
326	326.0													
327										23 \ 32				
328	-0-1													
329	329.0													
330										11 \ 22 14 \ 24 13 \ 18				
DEPTH M	LIFTS / LOSS	OP OFP 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 (■ > 50% ⊠ 20–50% ▥ 5–20% ▥ 1–5% □ < 1%)	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL

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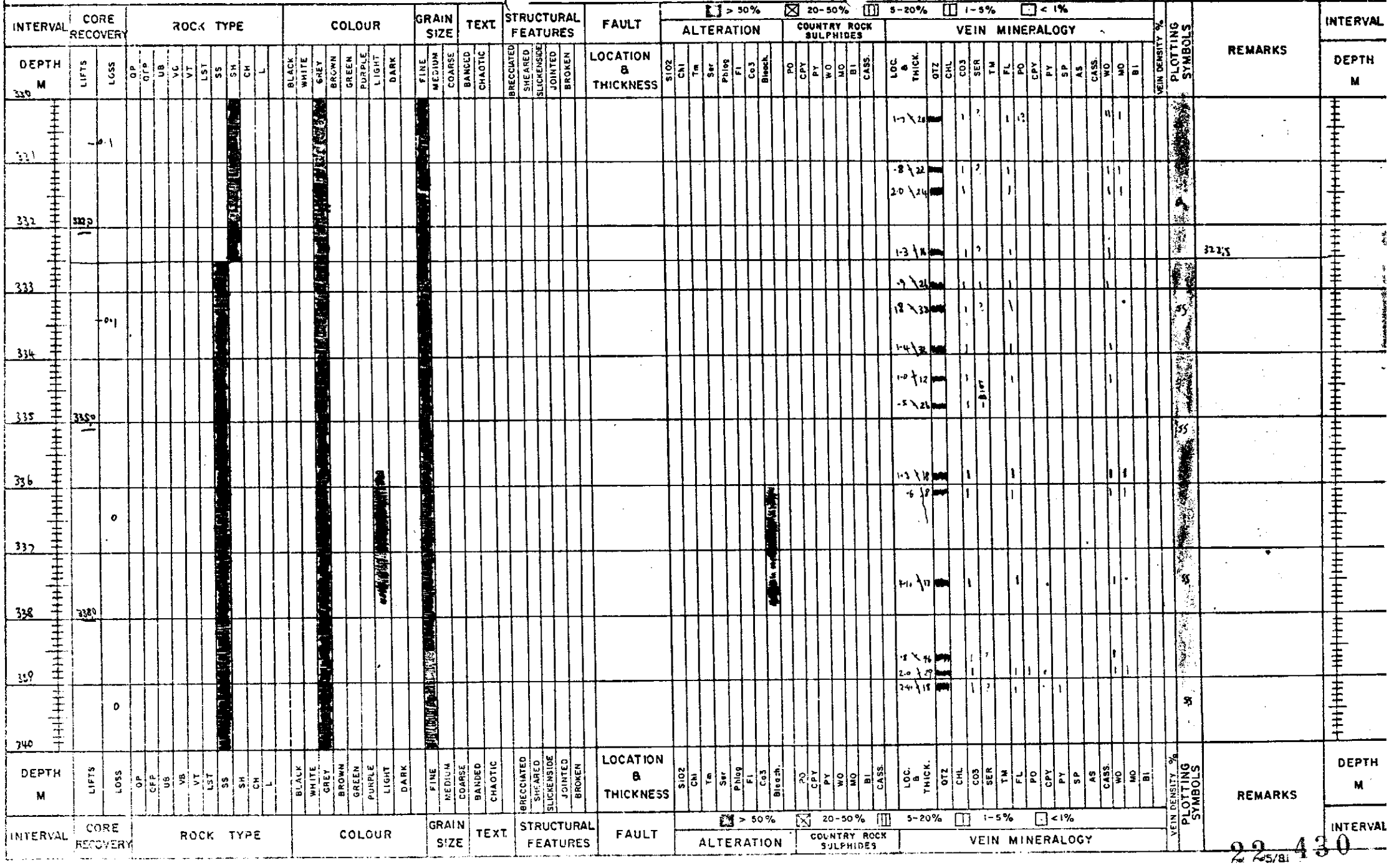

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INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL
DEPTH M	LIFTS / LOSS	QP QFP UB VB VT LST SS SH CH L	BLACK WHITE GREY BROWN GREEN PURPLE LIGHT DARK	FINE MEDIUM COARSE	BANDED CHAOTIC	BRECCIATED SHEARED SLICKENSIDE JOINTED BROKEN	LOCATION & THICKNESS	> 50% 20-50% 5-20% 1-5% < 1% — 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
340	340	0								-5 \ 21 ; -9 \ 13				
341														
342										-3 \ 12 ; -6 \ 24 ; -14 \ 18				
343		-0.1												
344	344.0									-6 \ 8				
345														
346		-0.85												
347	347									-14 \ 16 ; -17 \ 38				
348										-1-1 \ 25				
349		-0.1								-3-3 \ 20				
350	350									-2-1 \ 10				
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	> 50% 20-50% 5-20% 1-5% < 1% — 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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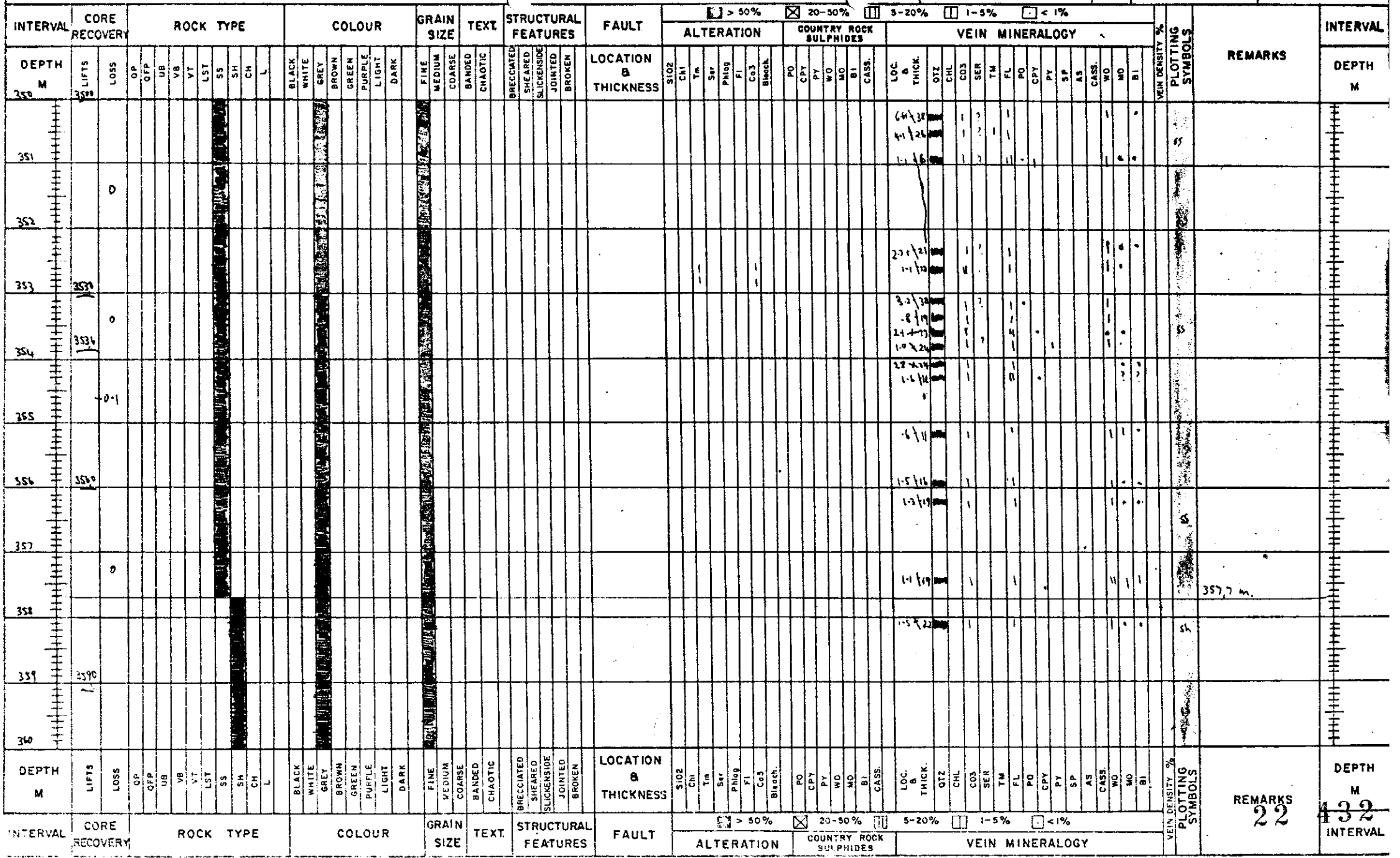

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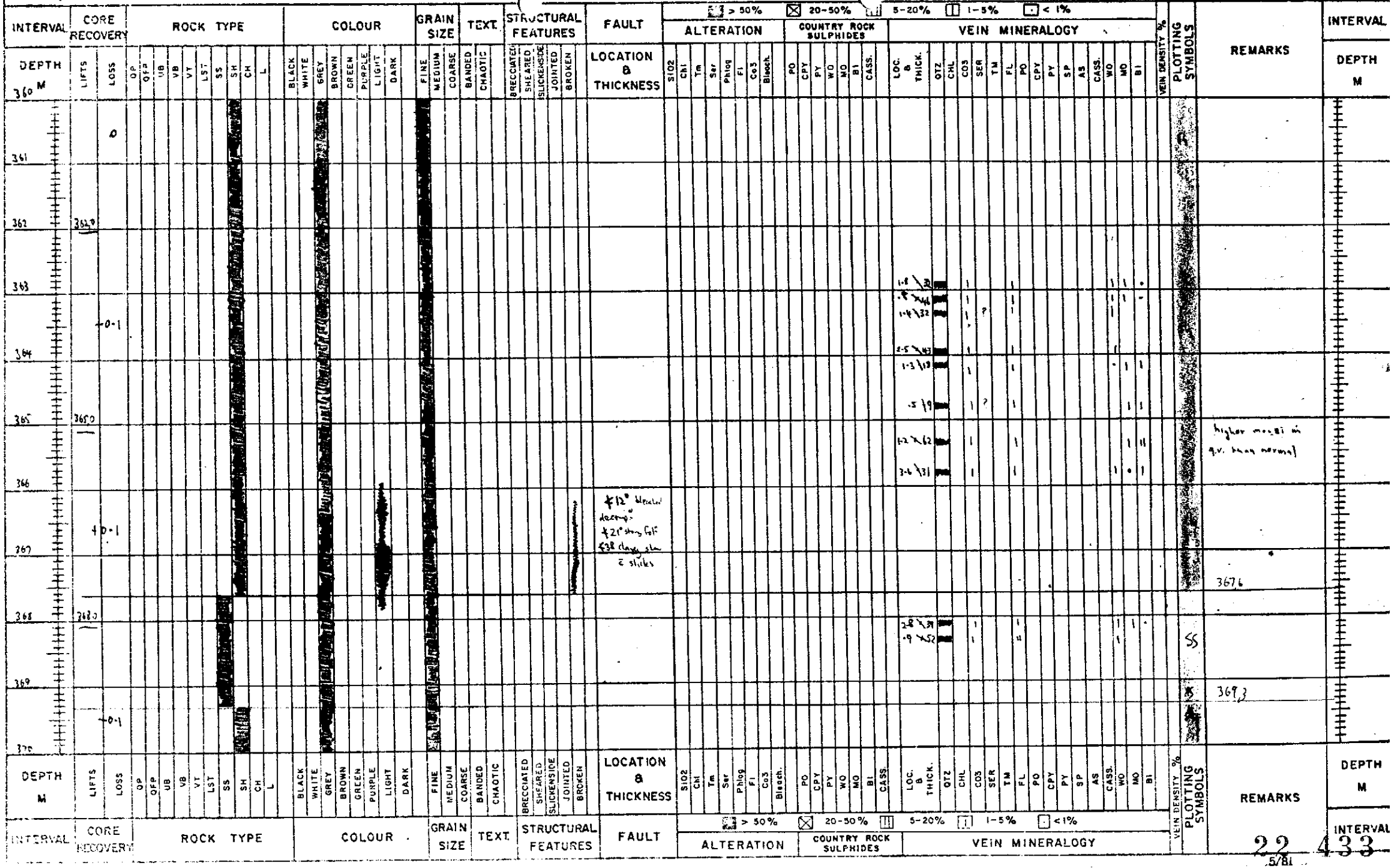

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INTERVAL DEPTH M	CORE RECOVERY LIFTS	CORE RECOVERY LOSS	ROCK TYPE: OP, OFP, UB, VB, VT, LST, SS, SH, CH, L	COLOUR: BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK	GRAIN SIZE: FINE, MEDIUM, COARSE	TEXT.: BANDED, CHAOTIC	STRUCTURAL FEATURES: BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN	FAULT LOCATION & THICKNESS	ALTERATION (> 50%, 20-50%, 5-20%, 1-5%, < 1%): 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
370																370
371	3710															371
372														4 1/5		372
373		-0·1														373
374	3740													1·0 \ 33		374
375								~12 soft clays broken						1·1 \ 40 1·3 \ 53		375
376		0						minor shear?								376
377	3770													1·0 \ 17 8·5 \ 13		377
378														1·8 \ 33		378
379		-0·1														379
380	3800													1·2 \ 12		380

INTERVAL DEPTH M	CORE RECOVERY LIFTS	CORE RECOVERY LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT LOCATION & THICKNESS	ALTERATION	COUNTRY ROCK SULPHIDES	VEIN MINERALOGY	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL DEPTH M

REMARKS 22 434

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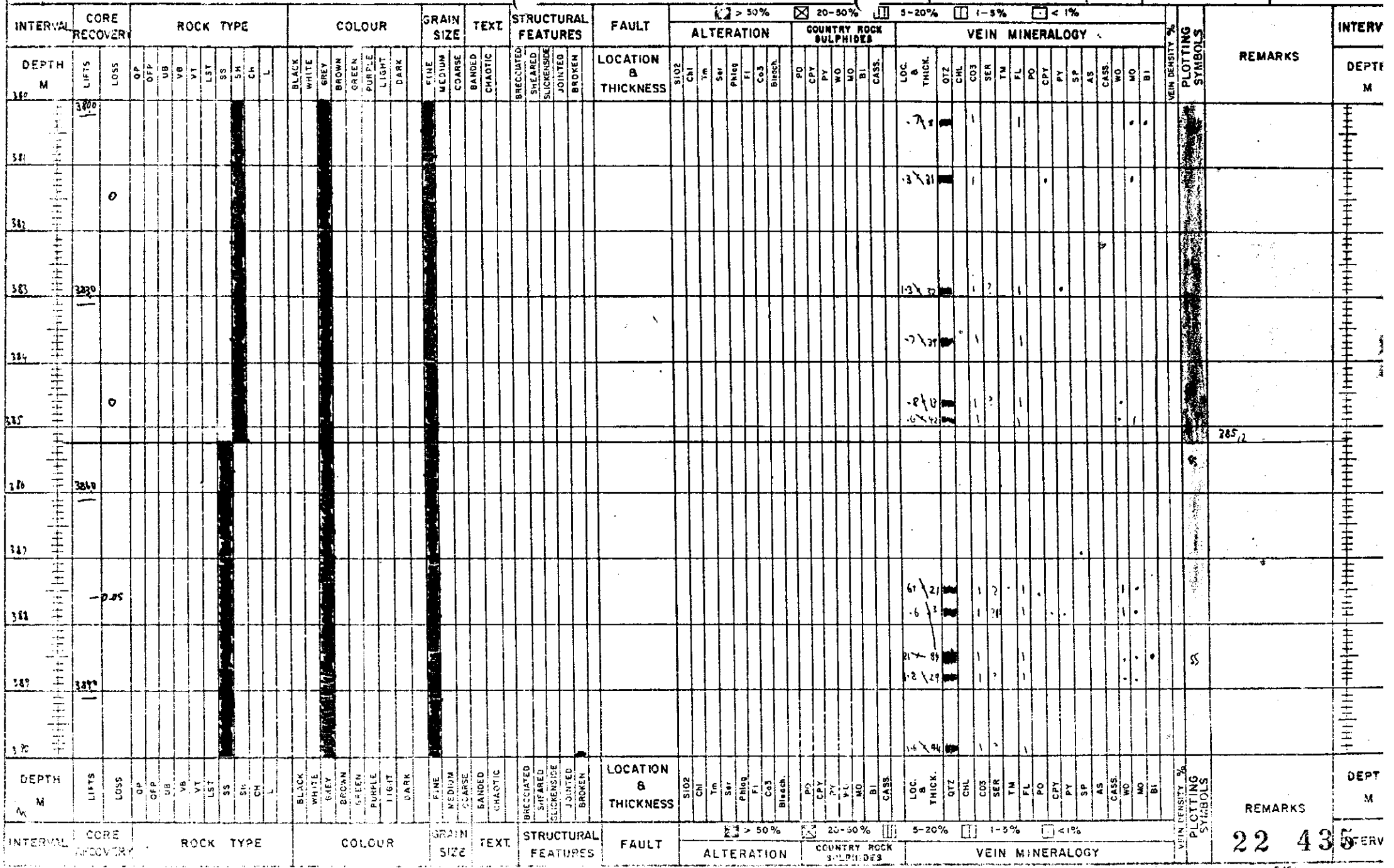

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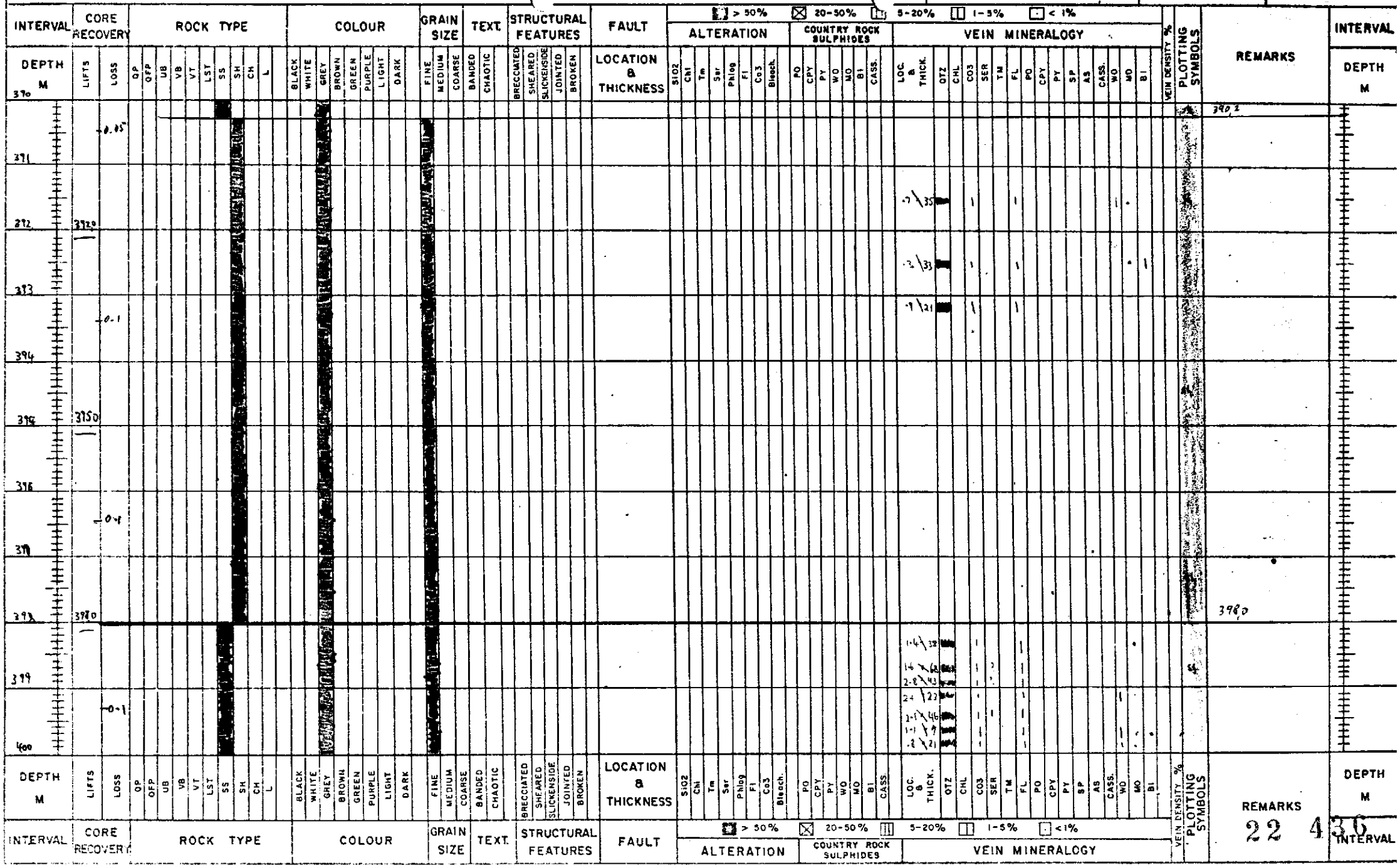

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633 | BY | PAGE | DATE | OF

Column headings: INTERVAL (DEPTH M) | 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)

Legend: > 50% · 20–50% · 5–20% · 1–5% · < 1%

Interval (m)	Lifts	Loss	Rock type	Colour	Grain size	Remarks
400–402.7	401.0	0	SS	Grey	Fine	402.7
402.7–404.7	404.0		SH	Grey	Fine	404.7
404.7–407.5	407.0	0	SS	Grey	Fine	407.5
407.5–410	410	-0.05	SH	Grey	Fine	

Vein mineralogy:

Loc. & thick.	QTZ	CHL	CO3	SER	FL	CPY	WO	MO	BI
1.1 \ 41	▮		|	|	|		·	|	
.7 \ 20	▮		|		|		|	·	·
.8 \ 22	▮		|	|	|		|	·	·
3.3 \ 18	▮		|	|	|		|	-	·
2.6 \ 12	▮		|		|		|	·	
6.1 \ 16	▮		|	|	|	·	|	·	-
1.8 \ 4	▮		|		|		·	|	
.9 \ 18	▮		|	|	|		|	·	·
1.2 \ 13	▮		|	|			|	|	·
1.2 \ 22	▮		|	|			|		
1.5 \ 76	▮	|?	|	?	|				
.8 \ 74	▮	|?	|		|		|	·	
.5 \ 6	▮	|	|		|		|		
3.7 \ 8	▮		|	|			·	·	
.8 \ 72	▮		|		|		·	·	
.9 \ 21	▮		|		|				
.4 \ 35	▮		|		|		|	·	|
1.7 \ 52	▮		|		|				
2 \ 45	▮		|	?	|		·	·	·

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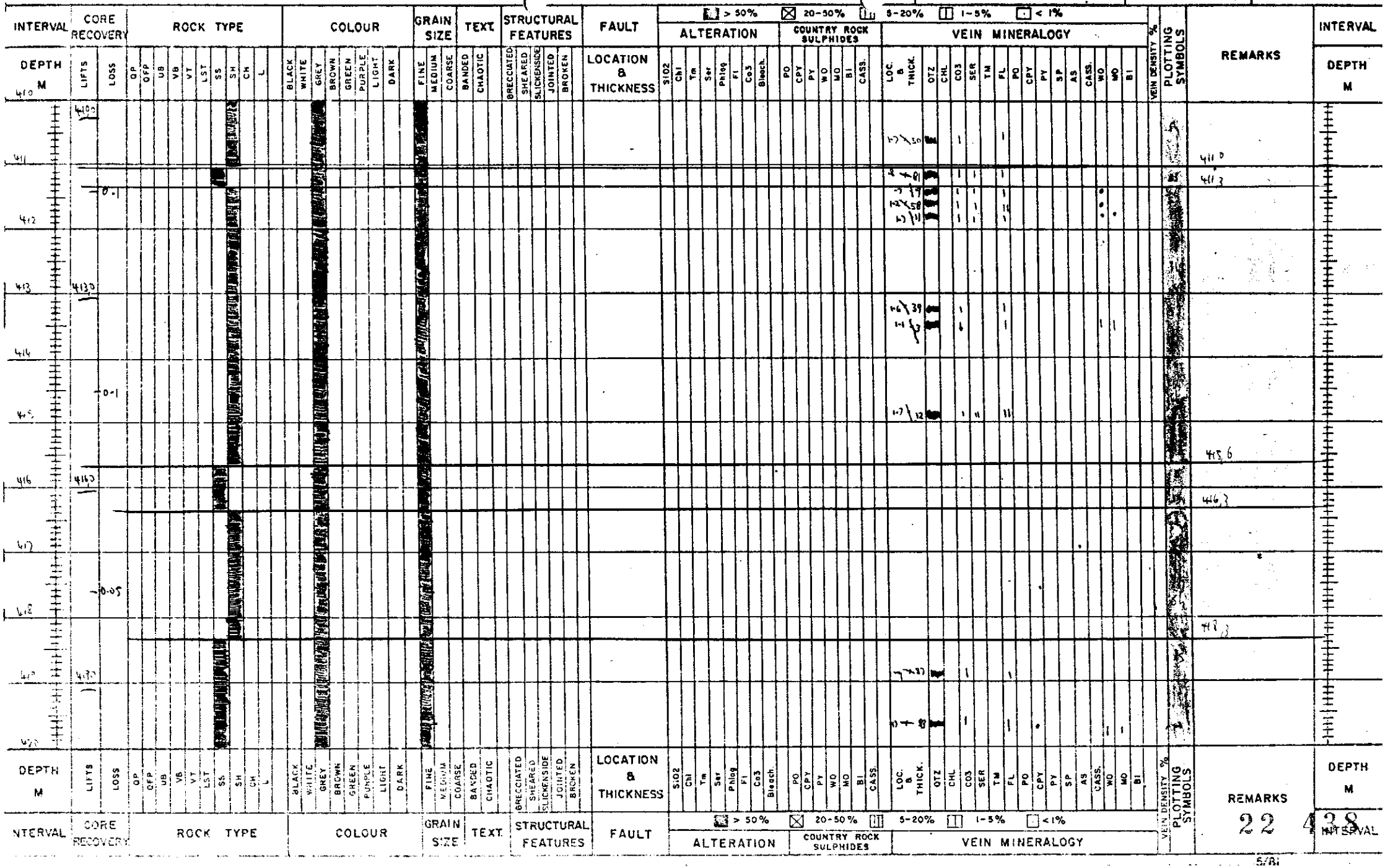

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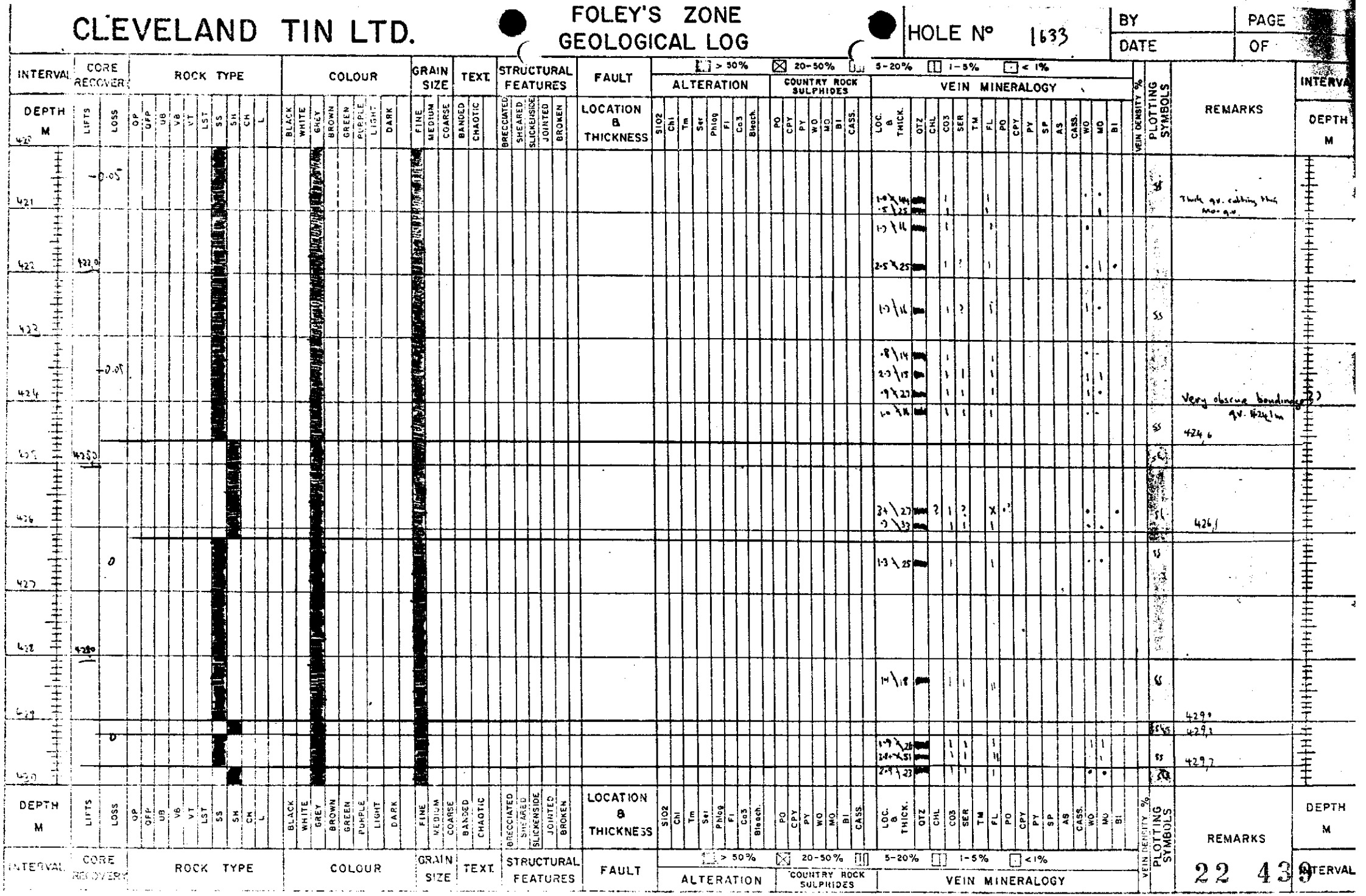

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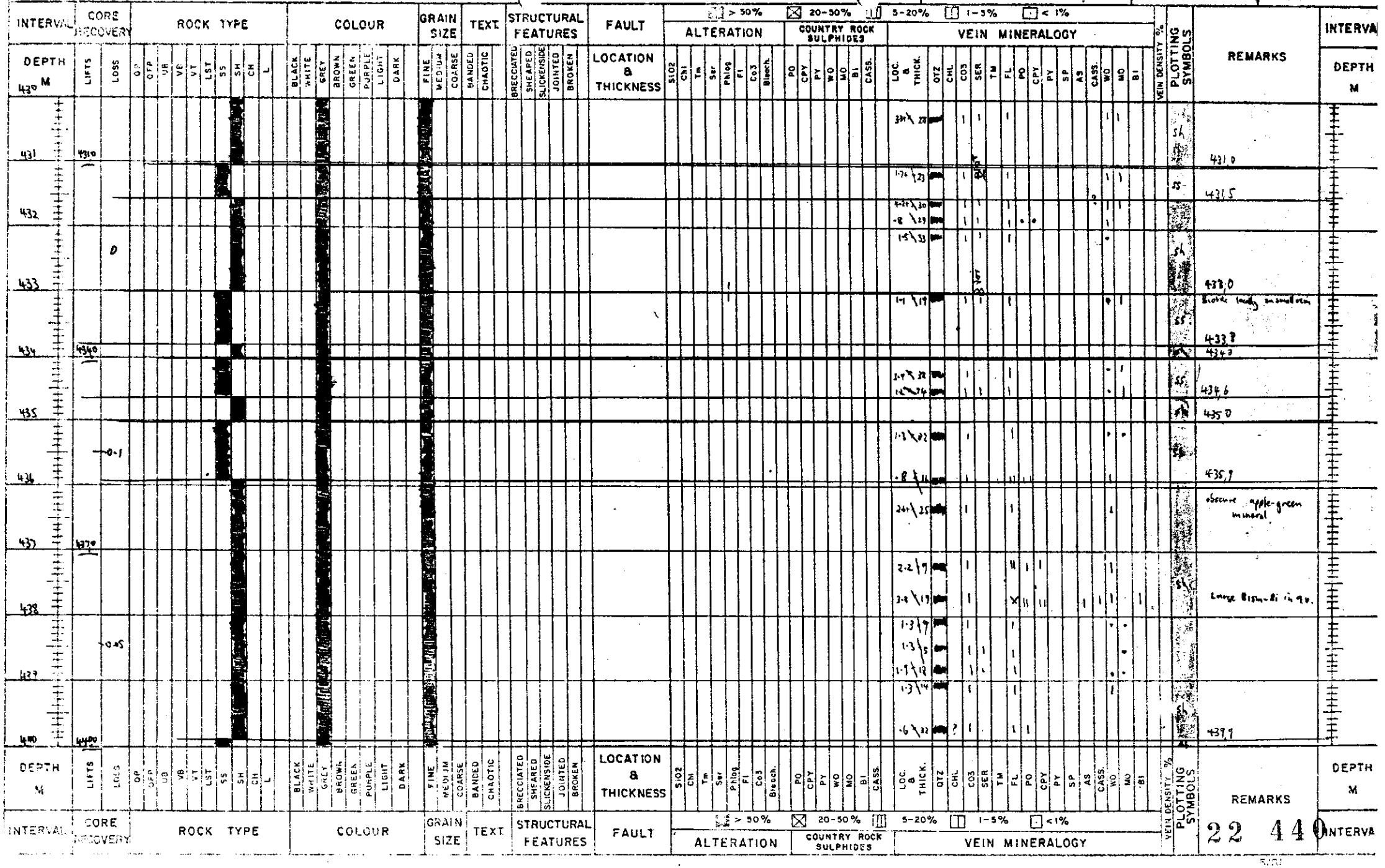

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº	1633	BY		PAGE	
		DATE		OF	

Legend: > 50% · 20-50% · 5-20% · 1-5% · < 1%

Columns: INTERVAL / DEPTH M · 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	LIFTS	LOSS	Vein LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
440–441			6·0 \ 70		Biot? alt^n on margins greenish min in Qv. [T-S]
441–442		0	3·1 \ 22; 1·4 \ 19	SS	
442–443	4430		·7 \ 13		
443–444				SS	
444–445		0·2	35 \ 12		Qv.
445–446	4460		·6 \ 33; 1·8 \ 16	SS	
446–447			7 \ 19		446.4; 446.6
447–448		0·1	23	SS	447.8
448–449	4490		1·6 \ 21; 1·5 \ 12	SS	448.5 obscure green-yellow min. [T-S]
449–450		0·1	20 \ 32; 2·4 \ 18	SS	

Rock type: SS throughout, with SH at c. 446.4–446.6 and c. 447.8–448.5. Colour: GREY. Grain size: FINE.

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Legend: > 50% · 20–50% · 5–20% · 1–5% · < 1%

Depth (M)	Lifts	Loss	Rock type	Colour	Grain size	Fault (location & thickness)	Vein loc. & thick.	QTZ	CO3	SER	FL	PO	CPY	PY	WO	MO	Plotting symbols	Remarks
450–450.6			SS	Grey	Fine		4.3 \ 16	■	1		1			•	1	-	SS	450.6
450.6–451			SH	Grey	Fine													
451–452			SH	Grey	Fine		.9 \ 18	■	1		1							
452–453	452.0		SH	Grey	Fine												SH	
453–454		-0.2	SH	Grey	Fine		12 \ 26	■	1		1	•		•	•			
454–455			SH	Grey	Fine		3 \ 22	■	1		1	1	•		11			Min q.v. cutting thin q-carb alt^d vein
455–456	455.0		SH	Grey	Fine		3.7 \ 13	■	1		1	-	•		•	•		thin barren q.v. cut by alt^d country-rock q.v. cut by min q.f.-vei. wo.
							1.4 \ 16	■	1		1	•	•					
							.8 \ 18	■	1	1	11				1		SH	
456–457		0	SH	Grey	Fine		3.9 \ 32	■	1		1	•	•					
							3.8 \ 19	■	1		1			•	•			
457–458			SH	Grey / Light	Fine		.9 \ 6	■	1		1				•			
	458.0						2.8 \ 32	■	1		11							
458–459			SH	Grey / Light	Fine	thin shear c̄ slicks @ 40°	5.4 \ 6	■	1		1				•	•	SH	
459–459.3			SH	Grey / Light	Fine													459.3
459.3–460		0	SS	Grey / Light	Fine												SS	

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Legend: > 50% | 20–50% | 5–20% | 1–5% | < 1%

Column groups: INTERVAL (DEPTH M) | 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)	Lifts	Loss	Rock type	Colour	Grain size	Alteration / Country rock sulphides	Vein Loc. & Thick.	Vein mineralogy	Plotting symbols	Remarks
460–461	461.0		SS	Grey	Fine				SS	460.0
461–462			SH	Grey	Fine	a.v.	3·4\9	QTZ ▬; CO3 1; CPY 1; PY 1; WO 1		Alteration-type veins commence
462–463		-0.05	SH	Grey	Fine	a.v.	4·2\52	QTZ ▬; CO3 1; PY 1; WO •	sh	
463–464	464.0		SH	Grey	Fine		2·2\82	QTZ ▬; CO3 1; FL 1; PO •; CASS •?; WO 1; MO •		
464–465			SH	Grey	Fine	a.v.	1·9\13	QTZ ▬; CO3 11; PO •; WO •	sh	[IS. a.v.]
465–466		0	SH	Grey	Fine		1·7\23; 2·8\22	QTZ ▬; CO3 1, 1; PO •, •; PY 1; WO •; MO 1		
466–467	467.0		SH	Grey	Fine	SiO2, Tm, Co3 marks; sulphide dots	3·14\4	QTZ ▬; CO3 1; FL 1; PY 1; WO 1; MO •	sh	
467–468			SH	Grey	Fine					
468–469		0	SH	Grey	Fine		20\65	QTZ ▬; CO3 1; FL 1; WO •; MO •	sh	
469–470	470.0		SH	Grey	Fine					470.0

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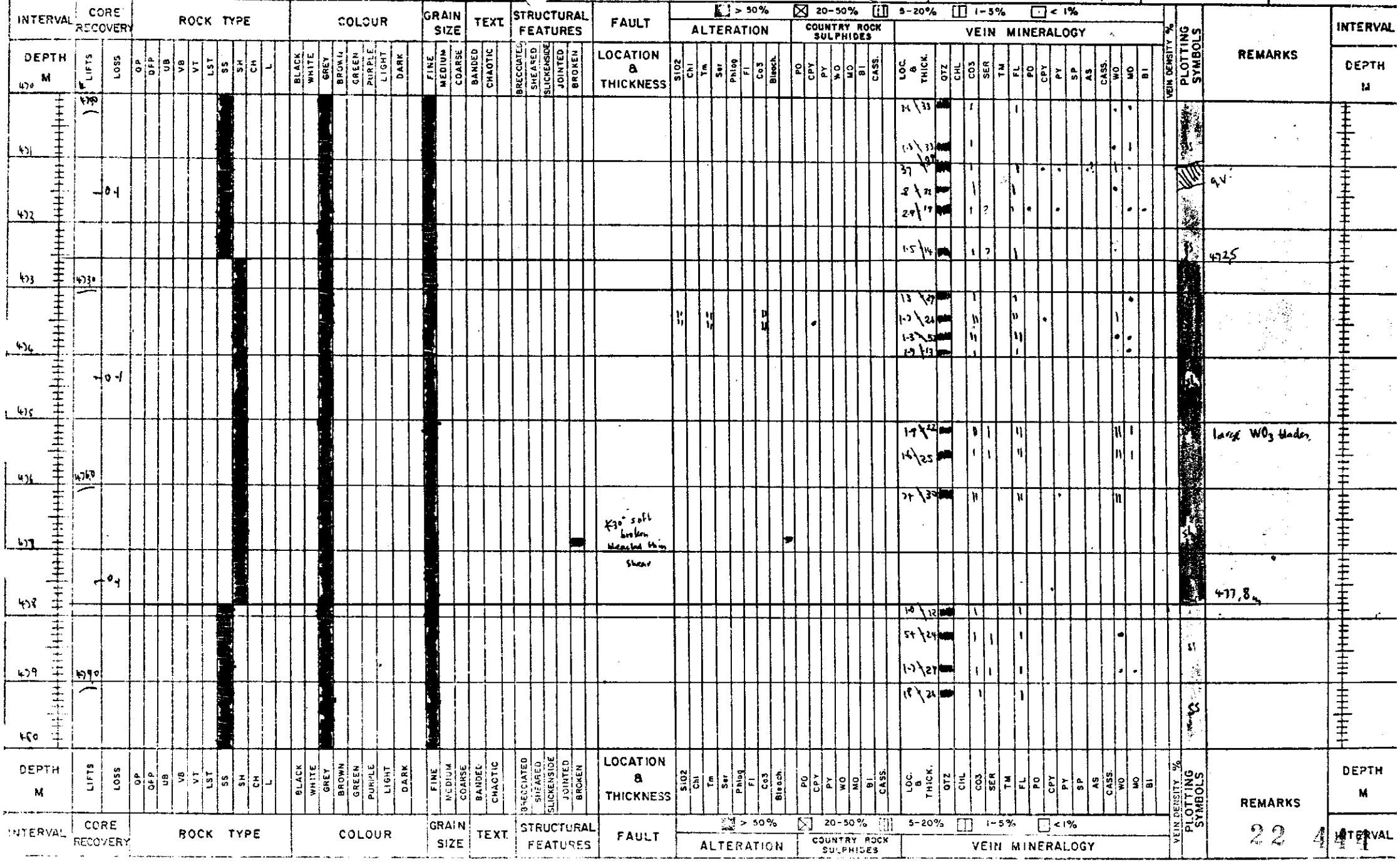

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Legend: > 50% | 20–50% | 5–20% | 1–5% | < 1%

Column headings: INTERVAL (DEPTH M) | CORE RECOVERY (LIFTS, LOSS) | ROCK TYPE (OP, 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: 480 – 490 m

Lifts: 482.0; 485.0; 488.0

Loss: 0 (480–481); 0 (483–484); 0·1 (486–487); 0 (489–490)

Rock type: SS 480 – 484.6; SH 484.6 – 490

Colour: Grey throughout

Grain size: Fine throughout

Structural features: Broken, approx. 488 – 489.5

Alteration: SiO2, Tm and Co3 marks (II) at approx. 482 and 483; Phlog marked near 483

Plotting symbols: ss (481, 483, 484.6)

Remarks: Phlog. bnt 483; 484.6

LOC. & THICK.	QTZ	CO3	SER	FL	PO	CPY	PY	AS / CASS.	WO	MO
1·0 / 13	■	I	I	I					•	
·9 / 15	■	I		I		•			I	•
3·? / 40	■	I		I	•	•				
2·? / 20	■	I		II	•		•		•	•
3·? / 12	■	I		II	•		•		•	•
·7 / 12	■	I		I			•		III	I
·5 / 30	■	I		I	•				•	
3·? / 47	■	I		I						
·24 / 26	■	I		X					I	
8? / 16	■	I		I		•			I	•
·9 / 25	■	I	I	I	I		•		I	•
1·9 / 63	■	I	I	I						•
2·1 / 12	■	I	I	I					•	
1·7 / 23	■	I		I						
[illegible] / 38	■	I		I					•	
1·2 / 22	■	I		I		•			•	•
1·3 / 21	■	I		I						
1? / 34	■	II		II			I	II	•	•

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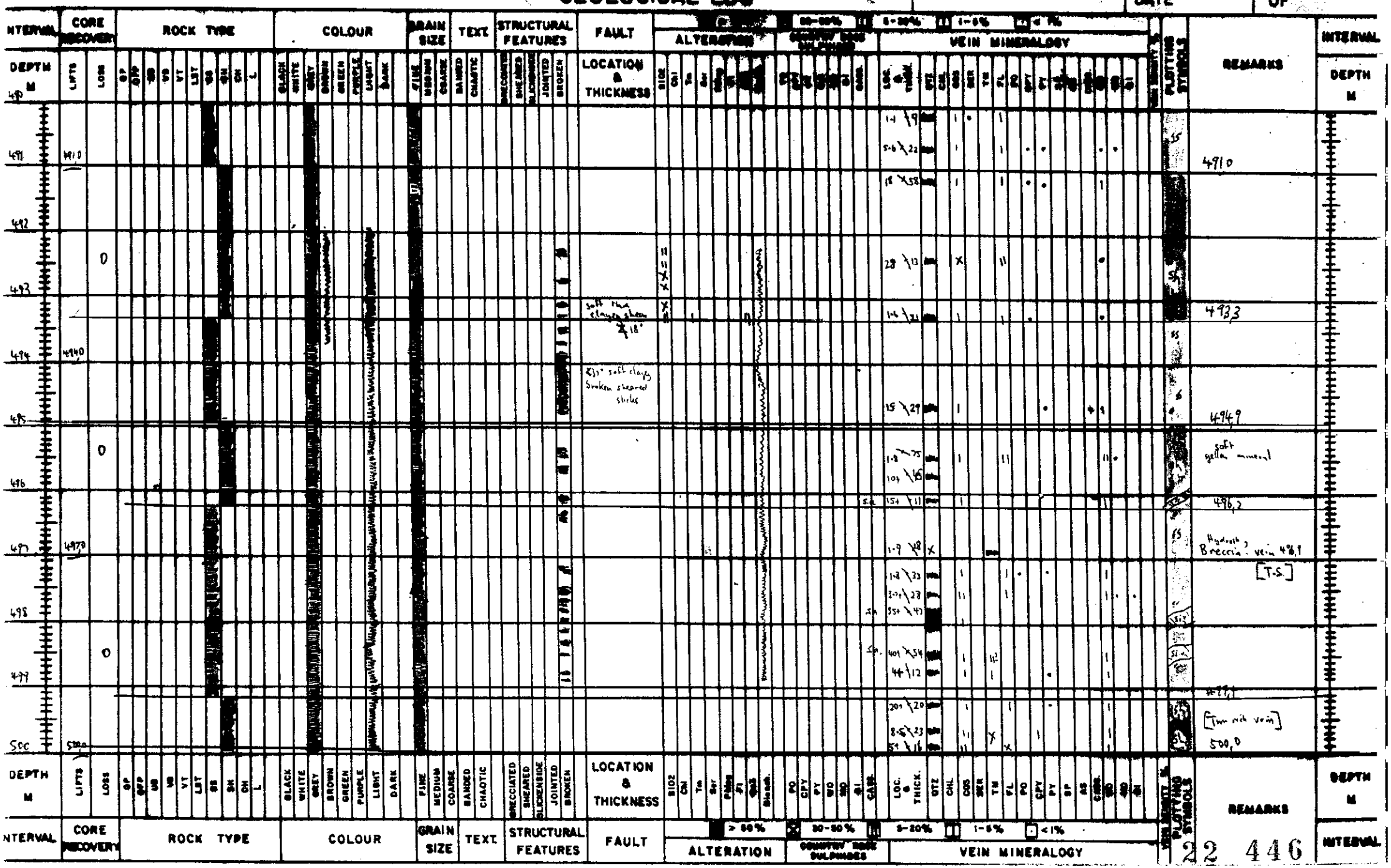

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Column groups: INTERVAL (DEPTH M) · CORE RECOVERY (LIFTS, LOSS) · ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CH, L) · COLOUR (BLACK, WHITE, GREY, BROWN, GREEN, PURPLE, LIGHT, DARK) · GRAIN SIZE (FINE, MEDIUM, COARSE) · TEXT. (BANDED, CHAOTIC) · STRUCTURAL 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

Legend: ■ > 50% · ☒ 20–50% · ▥ 5–20% · ◫ 1–5% · ☐ < 1%

DEPTH M	LIFTS	LOSS	FAULT LOCATION & THICKNESS	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
500	500.0					500.0
501		0		-3\22		
502					Si Alt.	
503	502.7	0		1.3\11		503.0
						503.4
504	503.7				Si	
					Si	504.3
						504.6
505					Si	505.0
		-0.2		55?\2	SS	Tm veilt? in bleach SS [T.S.]
506	506.0					
			siliceous pyrite breccia ?		SS	pyrite breccia 506.6 trace Mo in matrix 506.8
507					Si	cloudy topaz? near contact.
		-0.2		10\19	Si	
508					Si	508.6
509	509.0				Si	508.8
						509.1
					Si	509.3
510					Si	

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

■ > 50% ⊠ 20-50% ▥ 5-20% ▭ 1-5% ▫ < 1%

DEPTH M

LIFTS | LOSS

ROCK TYPE: OP, OPP, 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, Ca3, 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

510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520

LIFTS: 5120 | 5150 | 5180

LOSS: 0.1 | 0 | 0 | 0 | 0.15

REMARKS: 510.6 | 512.6 | 513.8 | 513.4 | 513.6 | 513.8

22 448

CLEVELAND TIN LTD.

FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633

BY

DATE

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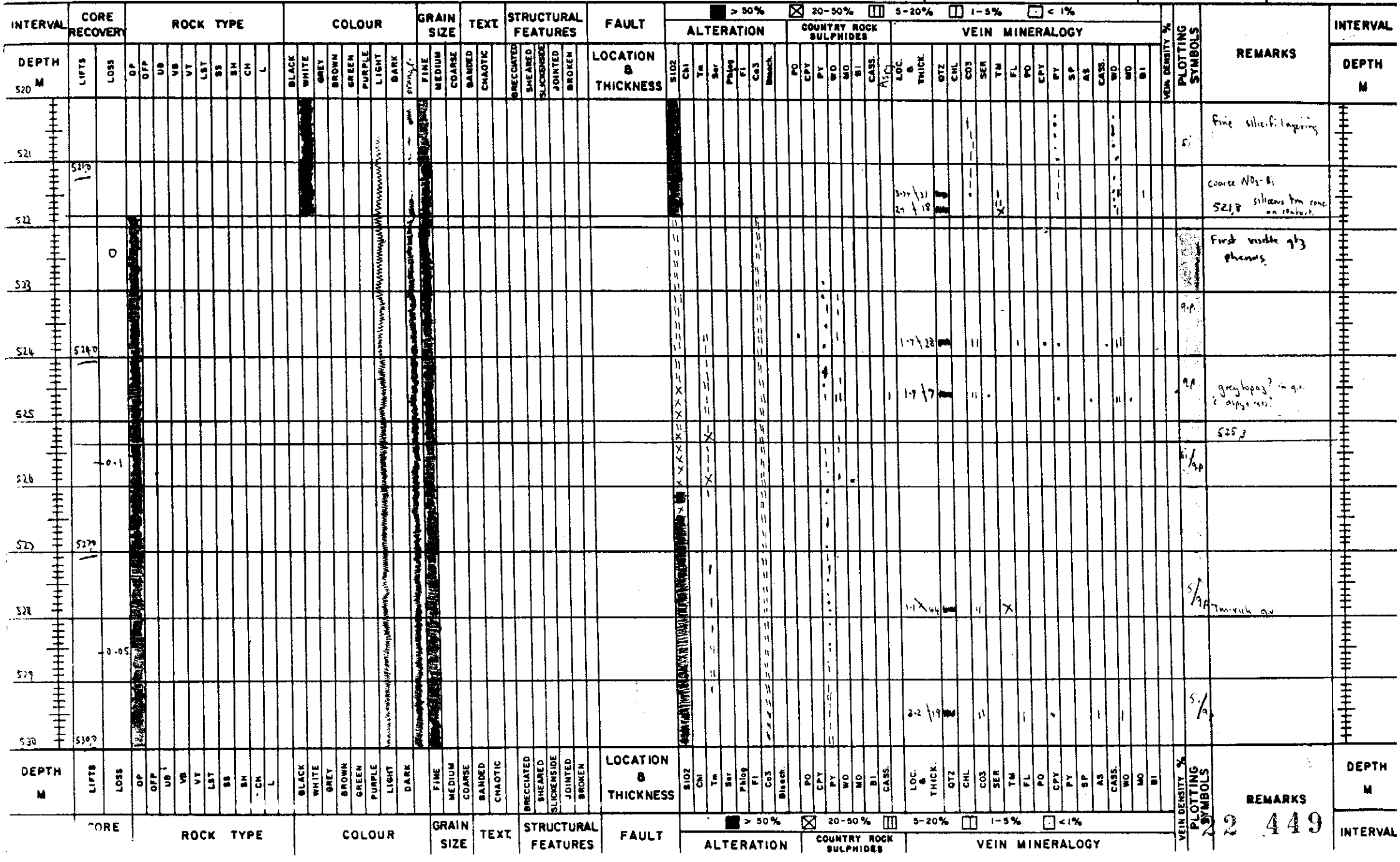
OF



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FOLEY'S ZONE
GEOLOGICAL LOG

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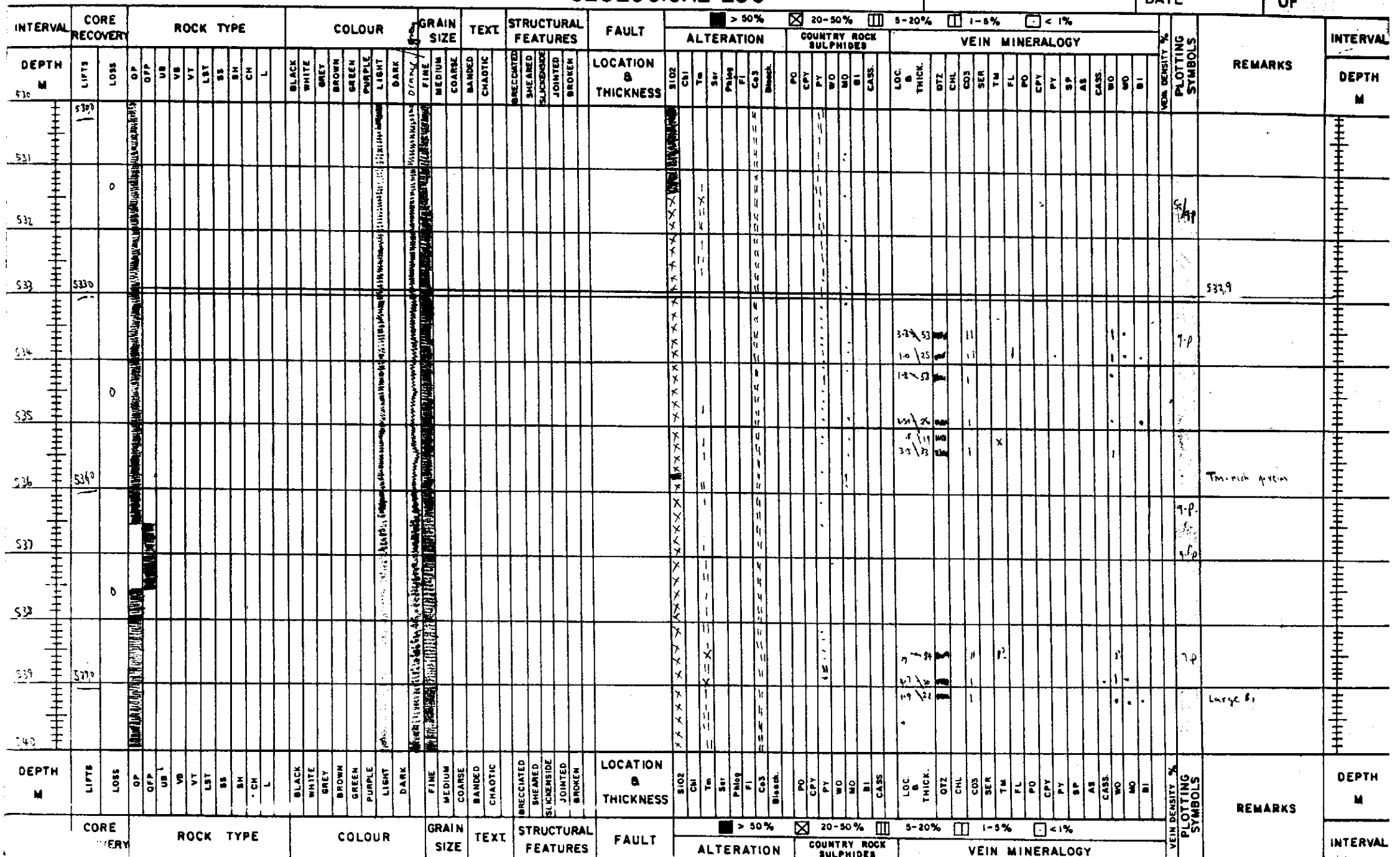

22 450

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FOLEY'S ZONE GEOLOGICAL LOG

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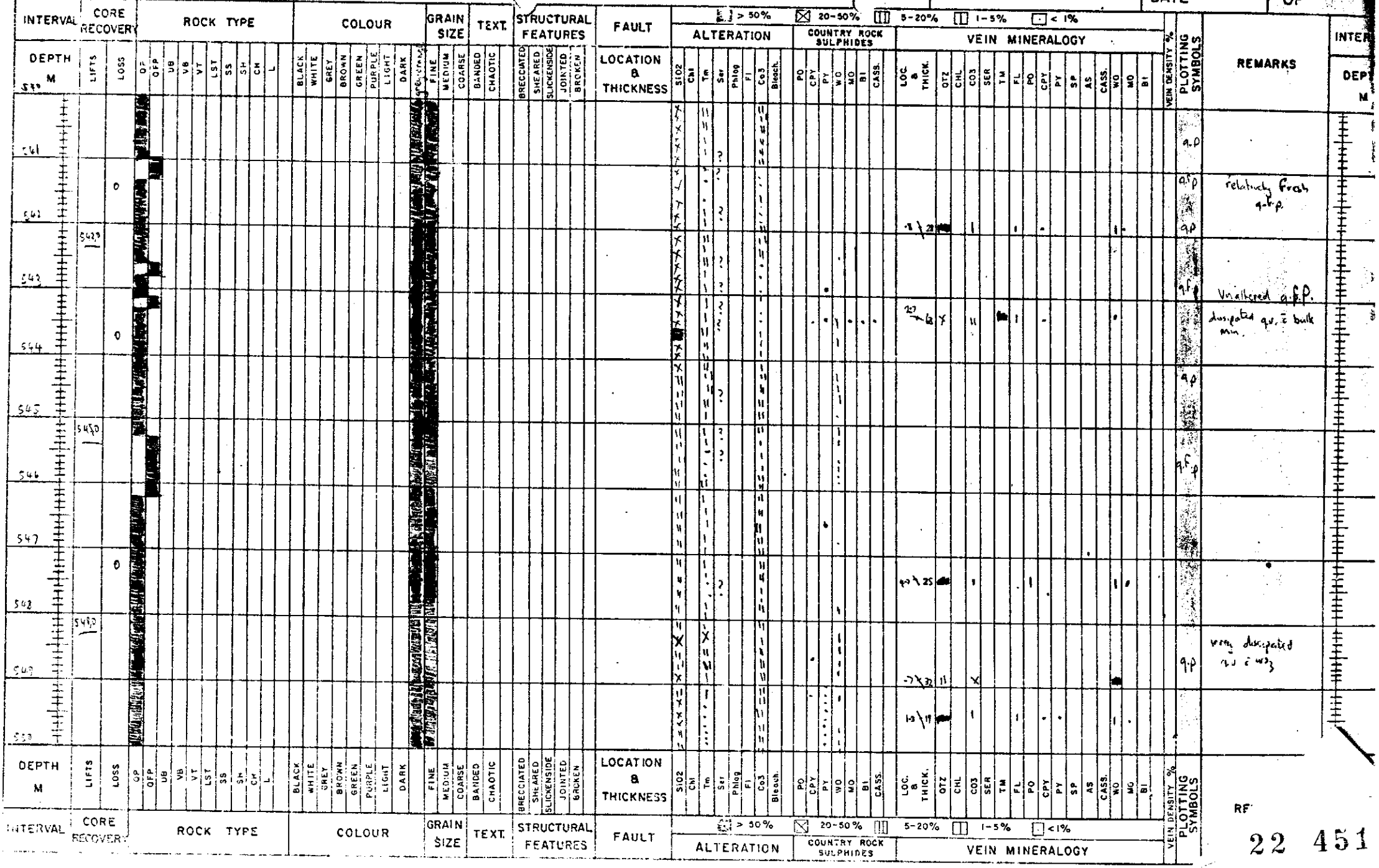

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633 | BY | PAGE | DATE | OF

Legend: > 50% · 20-50% · 5-20% · 1-5% · < 1%

Columns: INTERVAL (DEPTH M) | 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	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
550–551		0		q.f.p	
551–552	551.0		2.4 / 8; 2.3		
552–553		0	5 / 11	qp	vague disipated q.f. & tm two throughout q.p
553–554	554.0				
554–555				qp	
555–556		0.05	2.7 / 22		
556–557	557.0			qp	
557–558			6 / 11		
558–559		0		qp	
559–560	560.0		1.3 \ 19; 2.1 / 18		

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE N° 1633

BY

DATE

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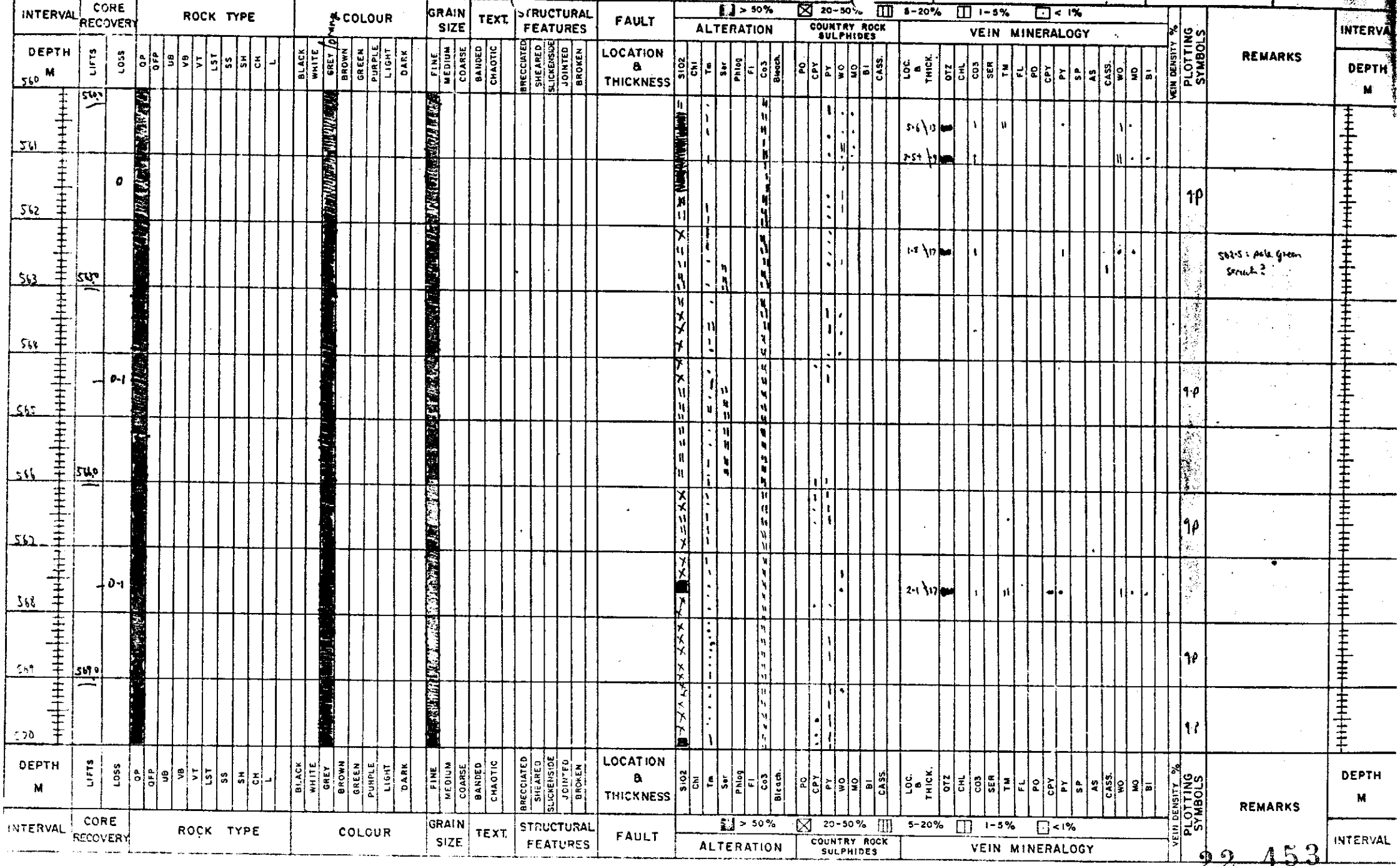
OF



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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633 | BY | DATE | PAGE | OF

Key: > 50% | 20-50% | 5-20% | 1-5% | < 1%

Column headings: INTERVAL (DEPTH M) | 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	Vein Loc. & Thick.	Plotting Symbols	Remarks
570		0.1	2.7\57	q.p	
571				q.fp	
572	572.0			q.p	572,5 red carb-veins? 573.0
573					extremely strong
		0.1	6 (51)	Si	silic alt[n] starts here. '≸ 31' 573.7 n.v. cutting sil alt[n]
574				q.p	574.1
				Si	possible carb alt[n] after grey. sericite?
575	575.0				
576		0	9\22		
577				Si	cloudy topaz? in qt. [T.S.] 577.4
578	578.0	0	47\40		
579	579.3			Si	
580		0.1			580,0

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE N° 1633

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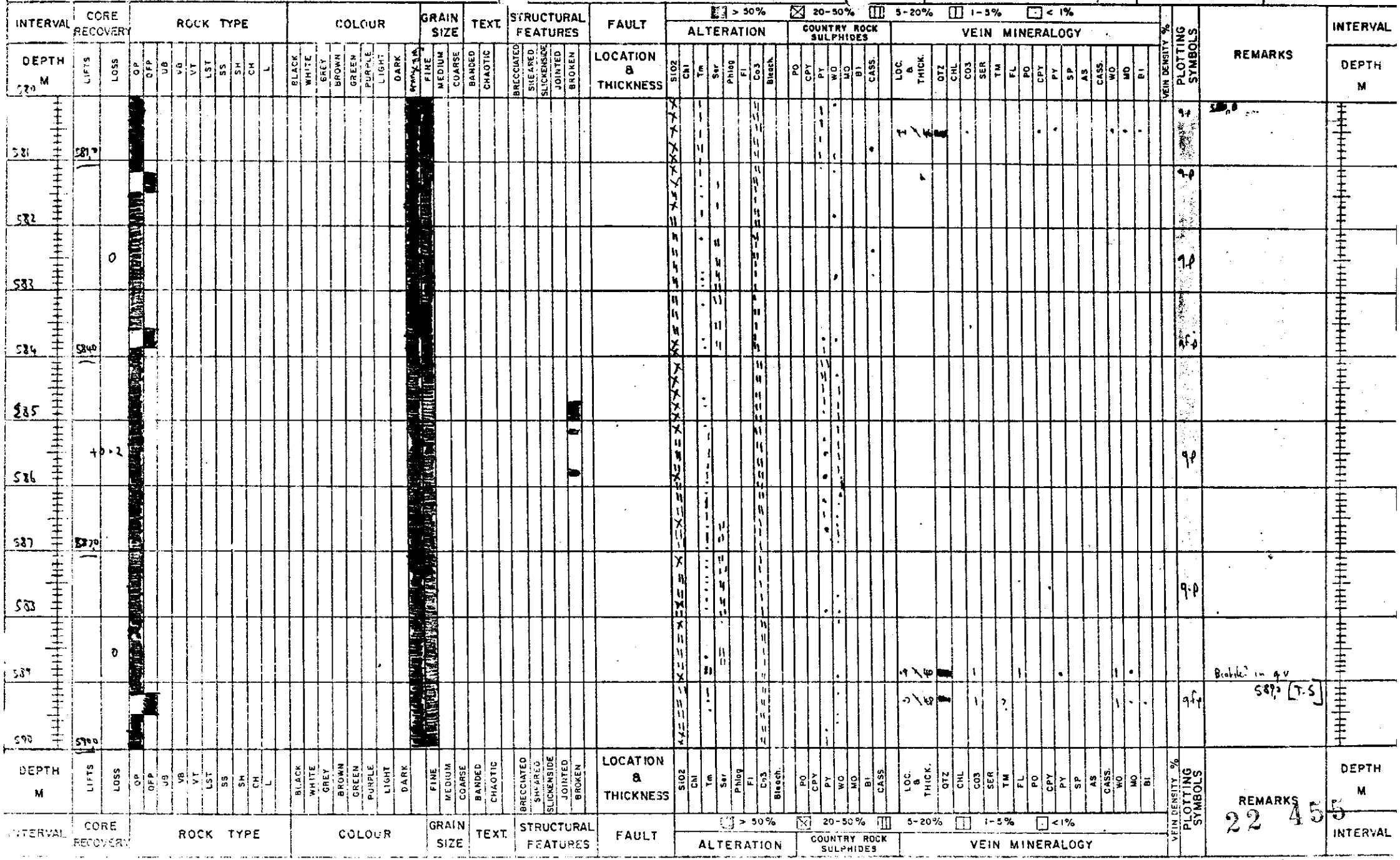

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE Nº 1633

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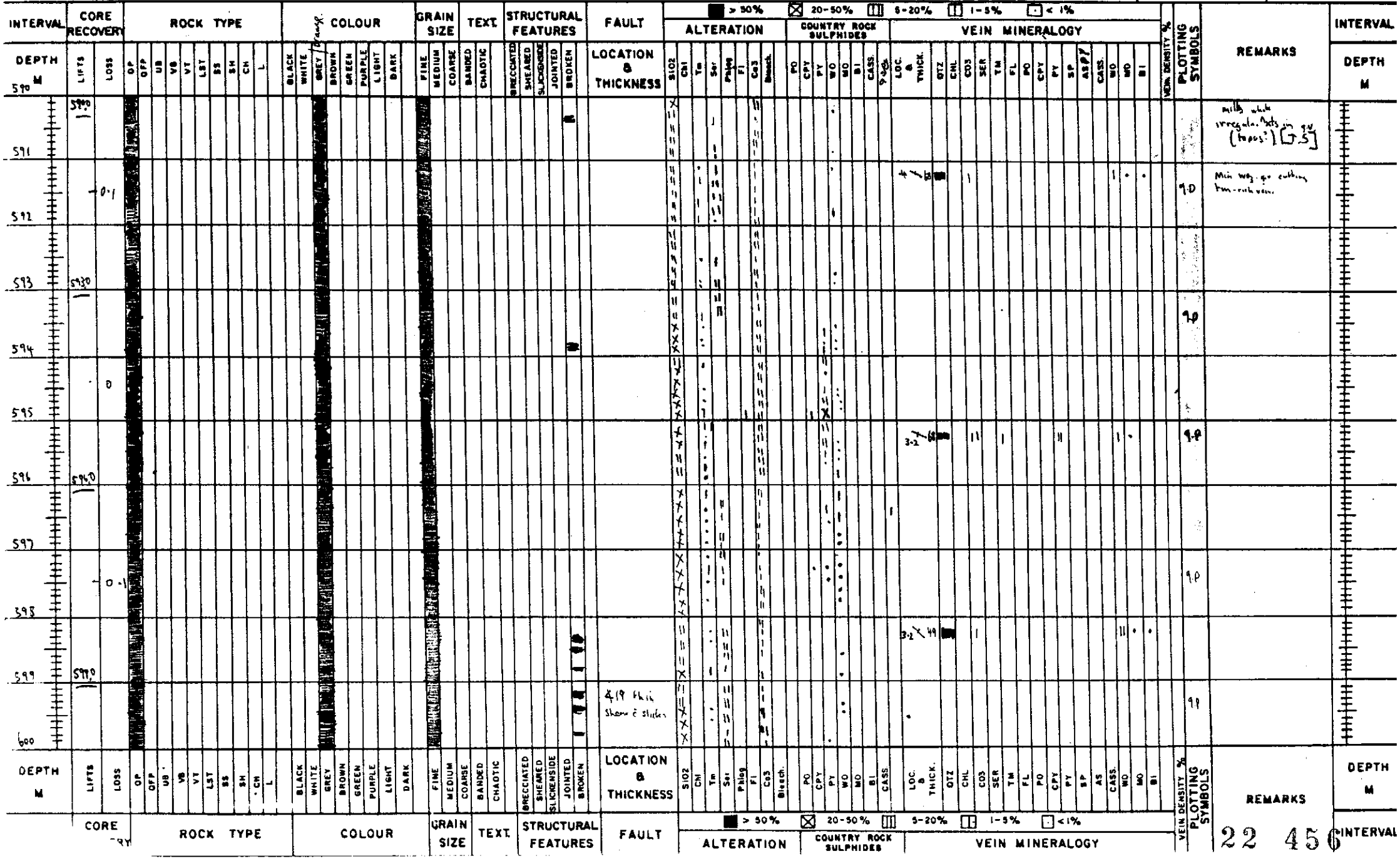

22 45 6

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE Nº 1633

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DATE

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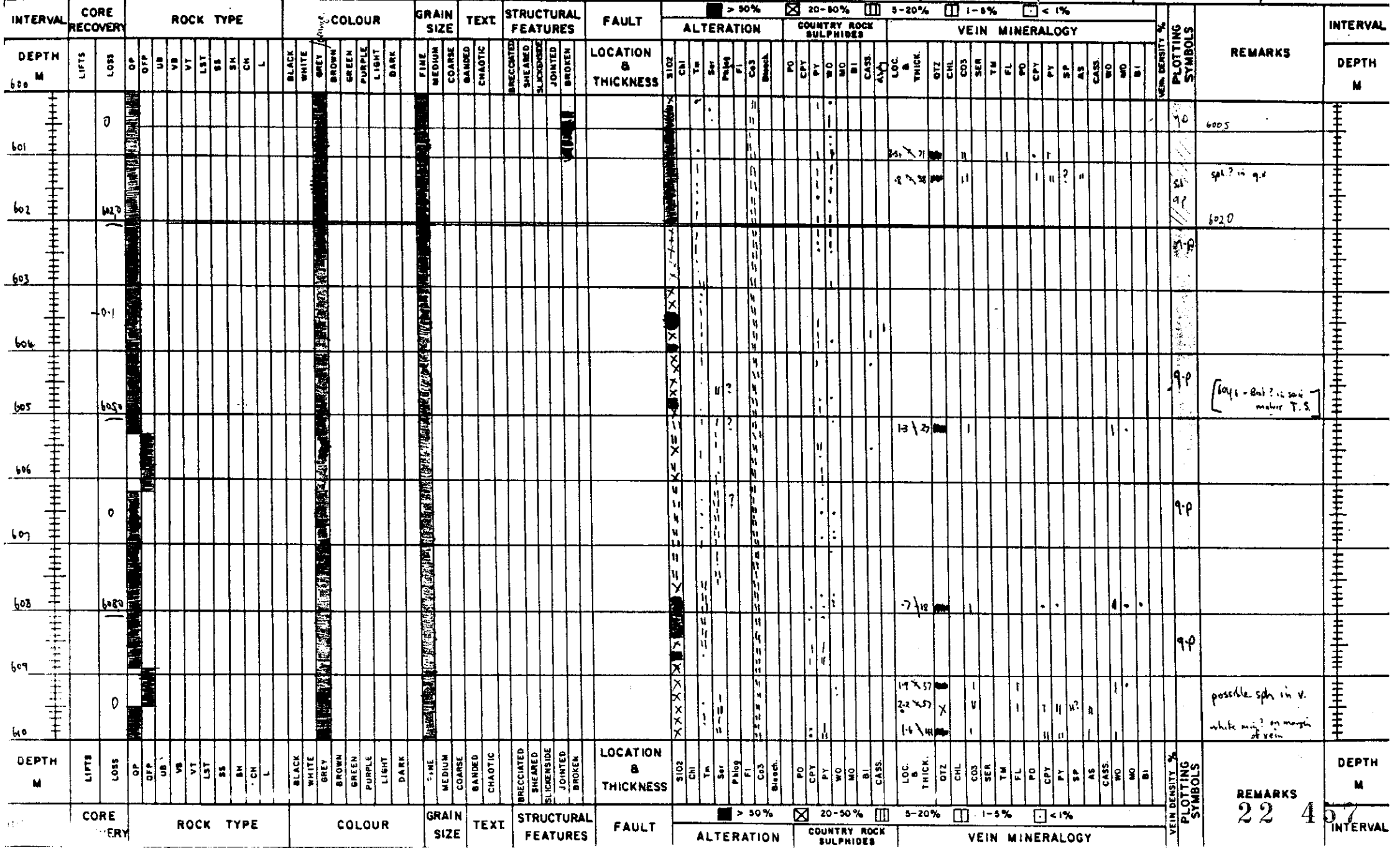

REMARKS

22 457

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE N° 1633

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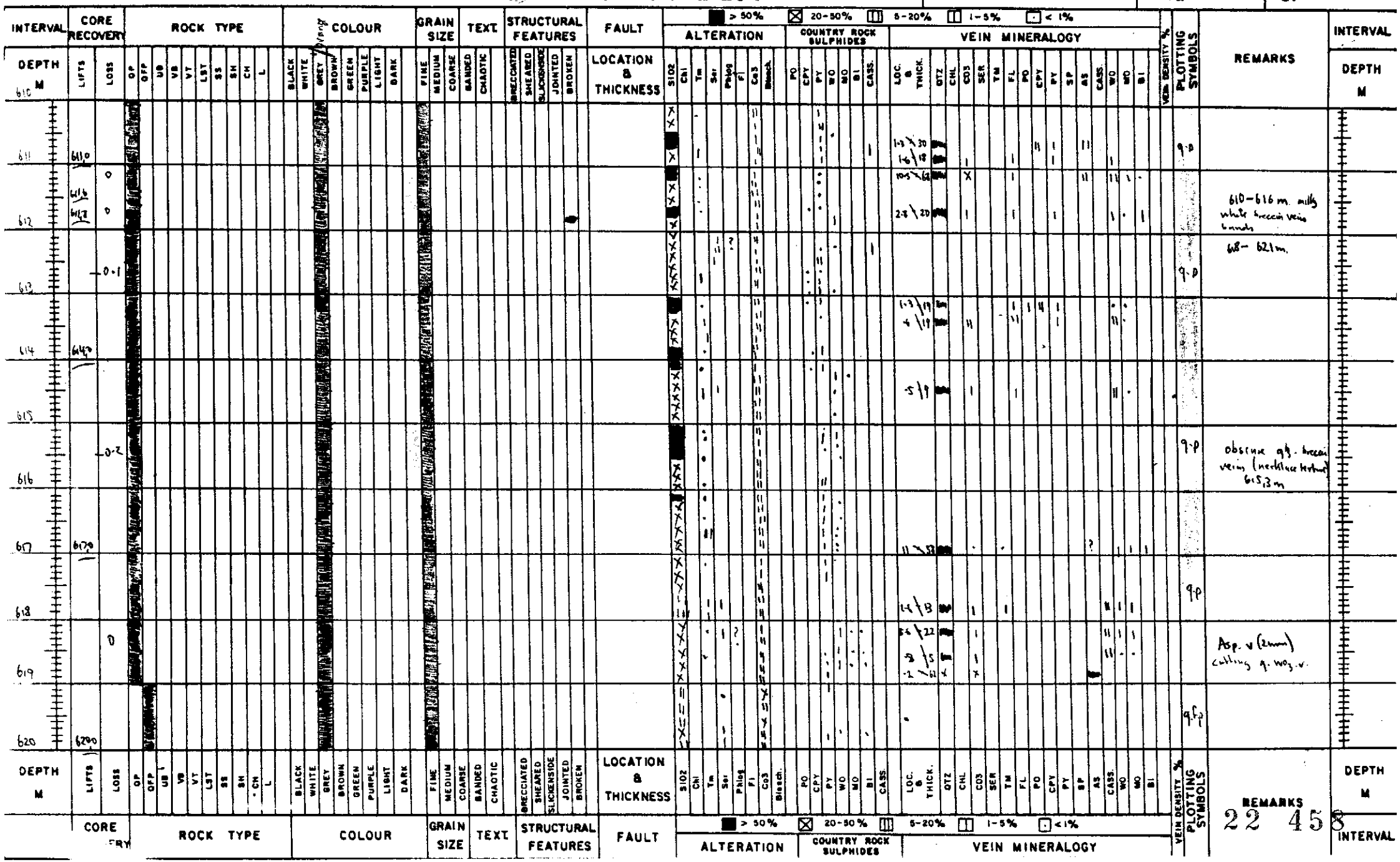

CLEVELAND TIN LTD.

FOLEY'S ZONE
GEOLOGICAL LOG

HOLE Nº 1633

BY

DATE

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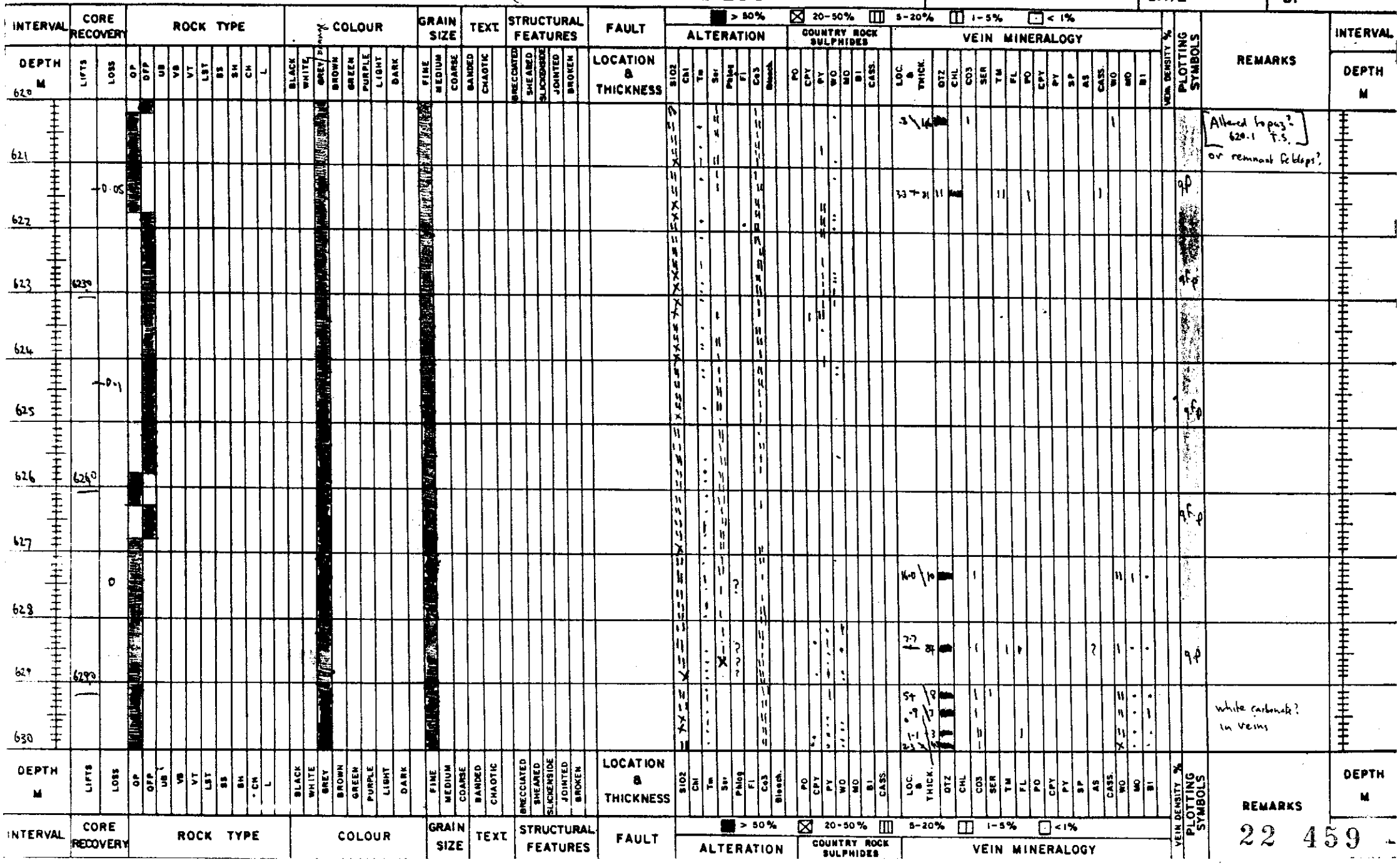

CLEVELAND TIN LTD.

FOLEY'S ZONE
GEOLOGICAL LOG

HOLE N° 1633

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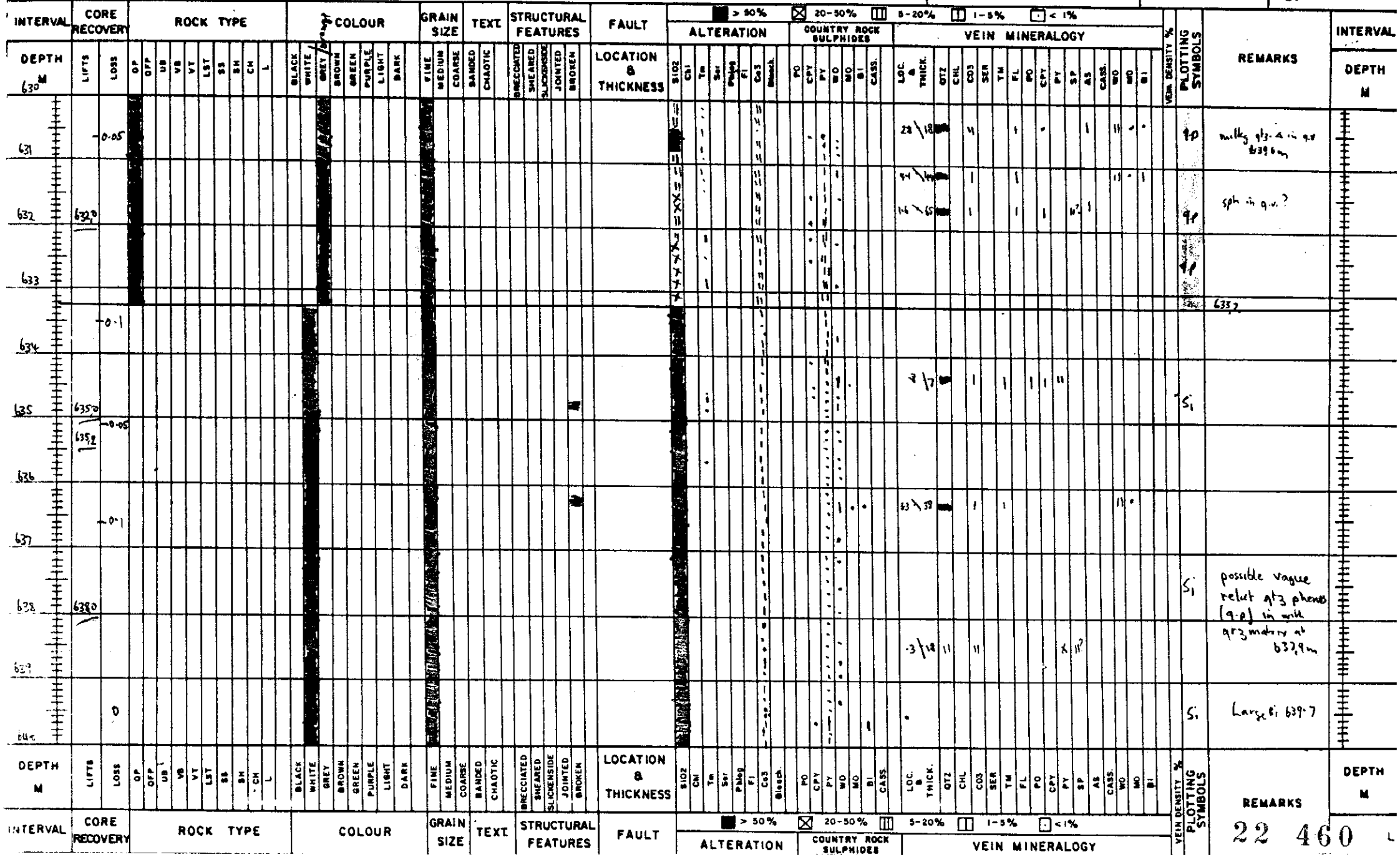

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633 | BY | PAGE | DATE | OF

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

DEPTH M	LIFTS	LOSS	PLOTTING SYMBOLS	REMARKS
640		0		
641	641.0			
642		0	Si	
643				
644	644.0		Si	644.5 - alt^d brown mica ? radiating aggregates,
645		-0.05		soft lemon-yellow alt^n frm 645m. (carb? clay?) [T.S]
646			Si	obscure pale yellow min. 646.5 [T.S]
647	647.0	0		
648	648.5		Si	
649		0		
650	650.0			

Colour: BLACK, grain size: FINE, alteration: SiO2 > 50% marked throughout interval 640–650 m.

Column headings: 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 | INTERVAL DEPTH M

22 401

CLEVELAND TIN LTD.

FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633

BY | PAGE | DATE | OF

Legend: ■ > 50% · ⊠ 20–50% · 5–20% · 1–5% · < 1%

Columns: INTERVAL / DEPTH M · CORE RECOVERY (LIFTS, LOSS) · ROCK TYPE (OP, OFP, 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	Lifts	Loss	Plotting symbols	Remarks
650	650,5	0		
651		0.05	Si	Very weak lemon soft mineral, carb?
652				
653	653,0			
654		0.1	Si	
655				
656	656,0 / 656,5	0.2	Si	
657	657,8	0		broken zone c white coating on fractures
658				

E.O.H. 657,8

(At long last)

22 462

CLEVELAND TIN - GEOGRAPHY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 29-12-1981
COMPILED BY: H. HAY
ASSAY DATES:

PAGE 1 OF

COST CODE 953C

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE~~/~~STOPE~~ LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	%Zn CaF2	SG
302696	C1633	FOLEY'S	20/22			0.0	2.9	2.9		0.05		0.16	0.030	<0.005	0.005	14.8	3.14
97						2.9	5.0	2.5		0.03		0.05	0.030	0.023	0.015	9.85	3.08
98						5.0	7.5	"		0.06		0.03	0.035	<0.005	<0.005	0.89	2.94
99						7.5	10.0	"		0.03		0.04	0.035	<0.005	0.005	0.49	2.94
700						10.0	12.5	"		0.01		<0.01	0.030	<0.005	0.005	0.49	2.91
01						12.5	15.0	"		<0.01		<0.01	0.030	<0.005	<0.005	0.58	2.91
2						15.0	17.5	"		<0.01		<0.01	0.050	<0.005	0.020	1.05	2.93
3						17.5	20.0	"		0.01		0.03	0.025	<0.005	0.005	2.70	2.91
4						20.0	22.5	"		0.03		0.02	0.025	<0.005	0.005	3.70	2.90
5						22.5	25.0	"		0.01		<0.01	0.030	<0.005	0.005	2.45	2.86
6						25.0	27.5	"		0.02		<0.01	0.020	<0.005	0.010	3.30	2.88
7						27.5	30.0	"		0.01		0.01	0.025	<0.005	0.005	3.00	3.09
8						30.0	32.5	"		0.02		<0.01	0.030	0.020	0.020	3.00	2.81
9						32.5	35.0	"		0.08		0.01	0.030	0.045	0.005	4.70	2.86
10						35.0	37.5	"		0.04		0.10	0.030	<0.005	0.005	4.25	2.94
11						37.5	40.0	"		0.05		0.01	0.030	<0.005	0.005	4.35	2.87
12						40.0	42.5	"		0.01		<0.01	0.020	<0.005	0.005	2.45	2.83
13						42.5	45.0	"		0.01		0.01	0.030	<0.005	<0.005	2.85	2.82
14						45.0	47.5	"		<0.01		<0.01	0.035	<0.005	<0.005	2.20	2.82
15						47.5	50.0	"		<0.01		<0.01	0.020	<0.005	<0.005	2.15	2.86
16						50.0	52.5	"		0.01		<0.01	0.025	<0.005	0.005	2.10	2.80

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22 463

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

COST CODE 953C

COMPILATION DATE: 8-1-1982
COMPILED BY: H.HA-/ PAGE 8 OF 8
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	~~%Zn~~ CaF2	S.G
302717	1633	FOLEY'S	20/22			52.5	55.0	2.5		0.02.		<0.01	0.015	<0.005	0.005	4.85	2.86
302718						55.0	57.5	"		0.01.		<0.01	0.055	<0.005	0.020	3.95	2.84
19						57.5	60.0	"		0.01.		0.04	0.020.	<0.005	0.005	2.65	2.83
20						60.0	62.5	"		0.01.		0.02	0.015	<0.005	0.005	2.70	2.83
21						62.5	65.0	"		0.02.		0.02	0.020.	<0.005	0.010	5.35	2.86
22						65.0	67.5	"		0.01		0.05	0.010.	<0.005	0.010	2.20	2.83
23						67.5	70.0	"		0.01.		<0.01	0.020.	<0.005	0.005	2.05	2.85
24						70.0	72.5	"		0.01		<0.01	0.010.	<0.005	0.010	2.70	2.80
25						72.5	75.0	"		0.03		0.01	0.030.	<0.005	0.015	5.75	2.88
26						75.0	77.5	"		0.01		<0.01	0.030	<0.005	0.010	2.35	2.84
27						77.5	80.0	"		0.02		0.02	0.010	<0.005	0.010	2.05	2.84
28						80.0	82.5	"		0.04.		0.02	0.030.	<0.005	0.015	4.50	2.86
29						82.5	85.0	"		0.01.		<0.01	0.020	<0.005	0.025	7.40	2.90
30						85.0	87.5	"		0.06.		0.01	0.040.	<0.005	0.025	4.95	2.90
31						87.5	90.0	"		0.06		0.01	0.200.	0.040	0.045	11.5	2.98
32						90.0	92.5	"		0.04		<0.01	0.035	<0.010	0.020	4.35	2.88
33						92.5	95.0	"		0.12.	<0.01	0.01	0.025	0.005	0.030	6.60	2.88
34						95.0	97.5	"		0.03.		0.02	0.030.	0.005	0.015	5.25	2.88
35						97.5	100.0	"		0.02.		<0.01	0.025.	<0.005	0.015	5.35	2.87
36						100.0	102.5	"		0.01.		<0.01	0.015	<0.005	0.010	2.30	2.84
37						102.5	105.0	"		0.01.		0.07	0.015	<0.005	0.010	2.80	2.89

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

COMPILATION DATE: 8-1-1982
COMPILED BY: H. HAY PAGE 9 OF 9
ASSAY DATES:

COST CODE 953C

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	%Zn	S.G.
302738	1633	20/22	FOLEY'S			105-0	107-5	2·5		0·03		0·01	0·015	<0·005	0·025	4·25	2·86
39						107-5	110·0	"		0·06		<0·01	0·325	0·150	0·150	6·75	2·91
40						110·0	112-5	"		0·04		<0·01	0·040	<0·005	0·025	8·65	2·94
41						112·5	115·0	"		0·04		0·01	0·115	<0·005	0·080	6·15	2·89
42						115·0	117·5	"		0·04		0·01	0·065	<0·005	0·040	4·95	2·89
43						117·5	120·0	"		0·01		<0·01	0·020	<0·005	0·015	3·45	2·87
44						120·0	122·5	"		0·01		<0·01	0·025	<0·005	0·010	1·30	2·82
45						122·5	125·0	"		0·01		0·01	0·030	0·010	0·015	3·30	2·88
46						125·0	127·5	"		0·01		<0·01	0·060	0·015	0·020	2·50	2·86
47						127·5	130·0	"		0·02		<0·01	0·040	<0·005	0·010	2·95	2·81
48						130·0	132·5	"		0·02		0·01	0·020	0·010	0·015	4·70	2·82
49						132·5	135·0	"		0·01		0·01	0·045	0·020	0·020	3·10	2·84
50						135·0	137·5	"		0·01		0·01	0·025	0·005	0·005	1·85	2·82
51						137·5	140·0	"		0·01		0·01	0·070	0·020	0·020	3·70	2·81
52						140·0	142·5	"		0·01		0·06	0·055	0·040	0·015	2·45	2·79
53						142·5	145·0	"		0·01		0·01	0·045	0·010	0·005	1·80	2·81
54						145·0	147·5	"		0·04		0·04	0·580	0·150	0·020	5·35	2·88
55						147·5	150·0	"		0·01		0·16	0·090	0·015	0·040	4·05	2·82
56						150·0	152·5	"		0·01		0·01	0·045	0·015	0·015	3·85	2·85
57						152·5	155·0	"		0·01		<0·01	0·085	0·020	0·025	3·60	2·80
58						155·0	157·5	"		0·01		0·01	0·065	0·040	0·020	2·30	2·84

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

COMPILATION DATE: 15-1-1982
COMPILED BY: N. HAY PAGE 10 OF 10
ASSAY DATES:

COST CODE 953C

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~ LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	~~%Zn~~ CaF2	SG
302759	1633	FOLEY'S	22/20			157·5	160·0	2·5		0·05		0·01	0·065	0·055	0·055	3·10	2·87
" 60						160·0	162·5	"		0·08		0·02	0·040	0·015	0·035	4·10	2·85
" 61						162·5	165·0	"		0·06		0·02	0·040	0·010	0·020	2·30	2·81
" 62						165·0	167·5	"		0·01		<0·01	0·040	0·035	0·030	1·75	2·78
" 63						167·5	170·0	"		0·01		0·02	0·080	0·010	0·030	3·55	2·78
" 64						170·0	172·5	"		0·02		0·01	0·030	0·030	0·030	3·70	2·76
" 65						172·5	175·0	"		0·01		<0·01	0·190	0·030	0·015	2·80	2·77
" 66						175·0	177·5	"		<0·01		<0·01	0·090	0·025	0·015	2·70	2·78
" 67						177·5	180·0	"		<0·01		<0·01	0·030	0·005	0·005	2·75	2·78
" 68						180·0	182·5	"		0·01		<0·01	0·030	0·010	0·050	3·90	2·76
" 69						182·5	185·0	"		0·04		0·03	0·450	0·060	0·035	4·35	2·83
" 70						185·0	187·5	"		0·05		0·01	0·035	0·030	0·015	4·70	2·82
" 71						187·5	190·0	"		0·02		0·01	1·005	0·010	0·045	4·60	2·81
" 72						190·0	192·5	"		0·01		<0·01	0·140	0·020	0·080	4·05	2·81
" 73						192·5	195·0	"		0·08		0·01	0·485	0·070	0·060	4·10	2·82
" 74						195·0	197·5	"		0·02		0·01	0·185	0·055	0·035	3·10	2·80
" 75						197·5	200·0	"		0·01		0·01	0·140	0·020	0·025	4·10	2·86
" 76						200·0	202·5	"		0·01		0·02	0·185	0·070	0·080	3·55	2·76
" 77						202·5	205·0	"		0·03		0·02	0·070	0·025	0·045	3·10	2·84
" 78						205·0	207·5	"		0·02		0·02	0·035	0·010	0·020	4·10	2·85
" 79						207·5	210·0	"		0·02		0·11	0·635	0·035	0·075	2·70	2·83

SMITH PRINT

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

COMPILATION DATE: 18-1-1982
COMPILED BY: H.H.A. PAGE 11 OF 11
ASSAY DATES:

COST CODE 953C

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE~~/~~STOPE~~ LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	CaF2 ~~Wolfram~~	S.G
302780	1633	Foley's	22/20			210·0	212-5	2-5		0·03		0·06	0·075	0·075	0·130	4·45	2·82
" 81						212·5	215-0	"		<0·01		<0·01	0·025	0·005	0·005	2·05	2·80
" 82						215-0	217-5	"		<0·01		<0·01	0·065	0·015	0·030	3·15	2·80
" 83						217·5	220·0	"		<0·01		<0·01	0·110	0·085	0·080	2·35	2·82
" 84						220·0	222·5	"		0·02		0·08	0·070	0·025	0·035	1·60	2·83
" 85						222·5	225·0	"		0·05		0·01	0·385	0·165	0·140	2·65	2·88
" 86						225·0	227·5	"		<0·01		<0·01	0·070	0·025	0·035	2·45	2·80
" 87						227·5	230·0	"		<0·01		<0·01	0·060	0·020	0·025	1·45	2·76
" 88						230·0	232·5	"		0·01		0·01	0·230	0·235	0·050	3·30	2·83
" 89						232·5	235-0	"		0·01		<0·01	0·080	0·070	0·030	3·35	2·81
" 90						235·0	237-5	"		0·02		<0·01	0·585	0·100	0·055	5·35	2·86
" 91						237·5	240·0	"		0·03		0·01	0·285	0·155	0·065	5·20	2·84
" 92						240·0	242·5	"		0·01		0·01	0·265	0·075	0·075	4·00	2·85
" 93						242·5	245·0	"		0·01		0·01	0·090	0·110	0·050	4·50	2·86
" 94						245·0	247·5	"		0·01		<0·01	0·280	0·055	0·120	2·55	2·79
" 95						247·5	250·0	"		0·01		0·04	0·150	0·025	0·040	2·90	2·82
" 96						250·0	252·5	"		0·01		0·09	0·100	0·080	0·060	5·50	2·83
" 97						252·5	255·0	"		0·01		<0·01	0·045	0·025	0·050	3·85	2·81
" 98						255·0	257·5	"		0·01		<0·01	0·045	0·025	0·015	2·90	2·86
" 99						257·5	260·0	"		<0·01		<0·01	0·045	0·005	0·015	1·75	2·80
" 800						260·0	262·5	"		0·02		0·01	0·105	0·010	0·055	5·75	2·84

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

PRELIMINARY ASSAY REPORT

COMPILATION DATE: 21-1-1982
COMPILED BY: K.MAY
ASSAY DATES:

COST CODE 953C

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE~~/~~STOPE~~ LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO_3	%MoS_2	%Bi	%CaF_2	SG
302801	~~FC~~1633	FOLEY'S	22/20			262-5	265.0	2-5		0.03		0.03	0.080	0.010	0.020.	3.30	2.82
" 2						265.0	267.5	"		0.02.		0.01	0.130	0.005	0.030.	5.50	2.87
" 3						267.5	270.0	"		<0.01		<0.01	0.025	0.010	0.030.	2.75	2.83
" 4						270.0	272-5	"		0.01		0.01	0.330	0.085	0.060.	3.70	2.85
" 5						272.5	275.0	"		0.02.		0.02	0.145	0.015	0.055	4.50	2.84
" 6						275.0	277.5	"		0.08.		0.04	0.105	0.010	0.055	6.50	2.89
" 7						277.5	280.0	"		<0.01		<0.01	0.265	0.005	0.040.	2.95	2.79
" 8						280.0	282.5	"		<0.01		0.01	0.025	<0.005	0.005	2.45	2.78
" 9						282.5	285.0	"		0.09		0.04	0.095	0.015	0.045	6.00	2.85
" 10						285.0	287.5	"		0.02.		0.01	0.020	<0.005	0.005	5.75	2.89
" 11						287.5	290.0	"		0.02.		0.09	0.095	0.030	0.045	4.95	2.88
" 12						290.0	292.5	"		<0.01		0.01	0.065	0.025	0.015.	3.20	2.82
" 13						292.5	295.0	"		0.02.		0.08	0.020	0.005	0.010	6.35	2.90
" 16						295.0	297.5	"		0.04		0.01	0.085	0.015	0.035	4.05	2.82
" 15						297.5	300.0	"		0.01		0.01	0.080	0.010	0.025	4.60	2.84
" 16						300.0	302.5	"		<0.01		<0.01	0.180	0.050	0.020	3.35	2.82
" 17						302.5	305.0	"		0.04		0.01	0.345	0.025	0.090.	4.10	2.85
" 18						305.0	307.5	"		0.01		<0.01	0.085	0.025	0.025.	2.90	2.87
" 19						307.5	310.0	"		<0.01		0.12	0.025	0.010	0.050	6.65	2.88
" 20						310.0	312.5	"		0.01		0.01	0.215	0.015	0.055	3.20	2.83
" 21						312-5	315-0	"		0.03		0.01	0.095	0.016	0.020	3.30	2.86

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COST CODE: 953c
COMPILATION DATE: 3.2.82
COMPILED BY: H. FRANKE
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~ LENS	LEVEL	DATE	∑	FROM	TO	LENGTH	ROCK TYPE	%SnT ✓	%SnS ✓	%Cu ✓	%WO_3 ✓	%MoS_2 ✓	%Bi ✓	%CaF_2	S.G
302822	1633	FCLEVS	[illegible]			315.0	317.5	2.5		0.01		0.02	0.040	0.030	0.015	2.20	2.84
23						317.5	320.0	"		0.02.		0.01	0.045	0.040	0.025	2.90	2.88
24						320.0	322.5	"		0.02.		0.01	0.085	0.015	0.015	1.95	2.86
25						322.5	325.0	"		0.01		0.01	0.19	0.025	0.020	3.10	2.82
26						325.0	327.5	"		<0.01		<0.01	0.025	0.030	0.025	2.70	2.81
27						327.5	330.0	"		0.01		0.01	0.175	0.075	0.025	2.95	2.81
28						330.0	332.5	"		0.04		0.01	0.250	0.060	0.015	3.20	2.81
29						332.5	335.0	"		0.01.		<0.01	0.165	0.020	0.035	3.20	2.84
30						335.0	337.5			<0.01.		<0.01	0.070	0.035	0.015	2.90	2.78
31						337.5	340.0	"		<0.01.		0.02	0.175	0.145	0.035	3.85	2.83
32						340.0	342.5	"		<0.01.		<0.01	0.300	0.085	0.030	2.65	2.82
33						342.5	345.0	"		0.03		0.01	0.130	0.025	0.025	3.60	2.82
34						345.0	347.5			0.01.		<0.01	0.035	0.010	0.025	2.45	2.80
35						347.5	350.0	"		0.04.		<0.01	0.210	0.050	0.040	4.05	2.[illegible]
36						350.0	352.5			0.04		0.01	0.330	0.030	0.040	5.10	2.[illegible]
37						352.5	355.0			0.03.		0.02	0.125	0.020	0.025	3.55	2.[illegible]
38						355.0	357.5			<0.01		<0.01	0.095	0.035	0.040	2.30	2.[illegible]
39						357.5	360.0			<0.01		<0.01	0.055	<0.005	0.010	2.40	2.[illegible]
40						360.0	362.5			<0.01		<0.01	0.020	0.010	0.010	2.30	2.86
41						362.5	365.0			<0.01		<0.01	0.175	0.035	0.030	2.35	2.81
42						365.0	367.5			<0.01		0.09	0.055	0.025	0.020	1.65	2.80

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CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COST CODE: 953.c

COMPILATION DATE: 4.8.82

COMPILED BY: H. FAHNKE

ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~ LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO_3	%MoS_2	%Bi	%CaF_2	S.G.
~~SC2843~~	c.1633	FOOT-S	19/22 LIFT			367·5	370·0	2·5		<0·01		<0.01	0·035	0·010	0.015	2·20	2·82
~~4A~~						370·0	372·5	"		<0·01		<0.01	0·005	0·010	<0.005	2·35	2·81
~~4B~~						372·5	375·0	"		<0·01		<0.01	0·185	0·050	0.075	2·85	2·82
~~4C~~						375·0	377·5	"		<0·01		<0.01	0·085	0·045	0.020	1·50	2·82
~~4,7~~						377·5	380·0	"		<0·01		0.07	0·070	0·030	0.100	5·60	2·85

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

COMPILATION DATE: 10.11.83
COMPILED BY: H. FRANKS PAGE 1 OF
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~ LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%MoS2	%Bi	%Zn	S.G.
302473	1633	FOLEYS	20/22			380·0	382·5	2·5		0·01	<0·01	<0·01	0·065	0.015	0.005	1·55	2.83 2.84
74						382·5	385·0			0·01	<0·01	<0·01	0·045	0.005	0.005	2·20	2.87 2.82
75						385·0	387·5			0·01	<0·01	<0·01	0·045	0.005	0.020	4·05	2.83 2.85
76						387·5	390·0			<0·01	<0·01	<0·01	0·110	0.055	0.020	3·20	2.85 2.81
77						390·0	392·5			<0·01	<0·01	<0·01	0·110	0.025	0.025	0·65	2.84 2.84
78						392·5	395·0			0·01	<0·01	<0·01	0·040	<0.005	<0.005	2·25	2.89 2.87
79						395·0	397·5			0·01	<0·01	0.01	0·045	0.015	0.005	1·90	2.79 2.83
80						397·5	400·0			0·05	<0·01	0.01	0·085	0.045	0.015	3·70	2.78 2.85
81						400·0	402·5			0·01	<0·01	<0·01	0·280	0.070	0.070	4·10	2.85 2.85
82						402·5	405·0			<0·01	<0·01	0.01	0·155	0.060	0.010	2·15	2.87 2.83
83						405·0	407·5			0·02	<0·01	0.01	0·085	0.015	0.005	3·10	2.88 2.75
84						407·5	410·0			0·01	<0·01	0.01	0·060	0.010	0.010	3·10	2.87 2.85
85						410·0	412·6			<0·01	<0·01	<0.01	0·100	0.010	0.035	3·10	2.90 2.83
86						412·6	415·0			<0·01	<0·01	<0.01	0·035	0.020	0.005	3·45	2.89 2.89
87						415·0	417·5			0·01	<0·01	0.01	0·035	0.005	0.005	2·20	2.79
88						417·5	420·0			<0·01	<0·01	<0.01	0·050	0.010	0.005	2·95	2.83
89						420·0	422·5			<0·01	<0·01	<0.01	0·145	0.025	0.010	3·50	2.85 2.85
90						422·5	425·0			0·01	<0·01	0.01	0·235	0.145	0.035	3·35	2.87 2.84
91						425·0	427·0			<0·01	<0·01	<0·01	0·060	0.010	0.020	2·20	2.88 2.82
92						427·0	430·0			<0·01	<0·01	<0·01	0·095	0.025	0.005	3·20	2.87 2.86
93						430·0	432·5			0·01	<0·01	0.01	0·200	0.065	0.015	3·05	2.84

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

COMPILATION DATE: 87.11.81
COMPILED BY: N. Franke PAGE 2 OF
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~ LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%MoS2	%Bi	CaF2 ~~%Zn~~	S.G.
309494	C1633	FOLEY'S	20/30			432.5	435.0	2.5		<0.01	<0.01	0.01	0.060	0.050	0.005	3.55	2.85
95						4350	4375	"		<0.01	<0.01	0.01	0.120	0.010	0.040	3.50	2.91
96						4375	4400	"		0.01	<0.01	0.01	0.235	0.025	0.050	4.10	2.85
97						4400	4425	"		0.02	<0.01	<0.01	0.035	0.035	<0.005	3.45	2.86
98						4425	4450	"		0.01	<0.01	<0.01	0.060	0.025	<0.005	3.45	2.84
99						4450	4475	"		0.02	<0.01	0.02	0.195	0.080	0.015	3.35	2.85
309580						4475	4500	"		0.04	<0.01	0.02	0.100	0.035	0.070	3.95	2.84
1						4500	4525	"		0.01	<0.01	<0.01	0.070	0.015	0.005	2.65	2.81
2						4525	4550	"		0.03	<0.01	<0.01	0.635	0.015	0.030	3.85	2.85
3						4550	4575	"		0.02	<0.01	0.01	0.105	0.020	0.015	4.10	2.88
4						4575	4600	"		0.02	<0.01	0.02	0.235	0.015	0.040	4.60	2.86
5						4600	4625	"		0.05	<0.01	0.02	0.045	0.005	0.010	3.60	2.85
6						4625	4650	"		0.03	<0.01	0.01	0.030	0.005	0.010	3.70	2.91
7						4650	4675	"		0.03	<0.01	0.03	0.130	0.030	0.015	3.45	2.87
8						4675	4700	"		0.01	<0.01	<0.01	0.030	0.030	<0.005	3.20	2.87
9						4700	4725	"		0.01	<0.01	<0.01	0.230	0.035	0.040	3.35	2.78
10						4725	4750	"		<0.01	<0.01	<0.01	0.020	0.010	0.005	3.45	2.85
11						4750	4775	"		0.02	<0.01	<0.01	0.225	0.070	0.015	2.65	2.94
12						4775	4800	"		0.01	<0.01	0.02	0.045	0.010	0.010	2.55	2.84
13						4800	4825	"		0.01	<0.01	0.01	0.195	0.015	0.025	2.55	2.84
14						4825	4850	"		<0.01	<0.01	0.01	0.140	0.020	0.020	3.00	2.87

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

COMPILATION DATE: 2.12.81
COMPILED BY: FALLEN
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~ LENS	LEVEL	DATE	∑	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%MoS2	%Bi	CaF2 %Zn	S.G.
302515	C1682	FOLEY'S	20/28			485.0	487.5	2.5		0.01	<0.01	<0.01	0.050	0.005	0.025	3.10	2.80
16						487.5	490.0			0.02	<0.01	0.04	0.100	0.005	0.005	2.90	2.80
17						490.0	492.5			0.02	<0.01	<0.01	0.080	0.035	0.005	3.35	2.81
18						492.5	495.0			0.04	<0.01	0.05	0.250	0.010	0.030	4.60	2.82
19						495.0	497.5			0.02	<0.01	0.01	0.115	0.010	0.025	4.05	2.85
20						497.5	500.0			0.05	<0.01	0.02	0.080	0.030	0.025	2.30	2.78
21						500.0	502.5			0.02	<0.01	0.01	0.210	0.025	0.050	0.76	2.72
22						502.5	505.0			0.05	<0.01	0.01	0.165	0.020	0.040	1.25	2.74
23						505.0	507.5			0.09	<0.01	0.04	0.065	0.015	0.020	2.75	2.87
24						507.5	510.0			0.03	<0.01	0.01	0.180	0.010	0.050	1.00	2.74
25						510.0	512.5			0.05	<0.01	0.02	0.090	0.005	0.025	0.61	2.77
26						512.5	515.0			0.05	<0.01	0.01	0.225	0.030	0.065	1.35	2.77
27						515.0	517.5			0.13	0.01	0.03	0.105	0.005	0.025	0.56	2.75
28						517.5	520.0			0.08	0.01	0.01	0.070	0.020	0.040	0.49	2.73
29						520.0	522.5			0.03	<0.01	0.02	0.375	0.010	0.055	0.68	2.84
30						522.5	525.0			0.10	<0.01	0.01	0.570	0.005	0.095	0.55	2.96
31						525.0	527.5			0.20	<0.01	0.07	0.110	0.025	0.050	0.47	2.92
32						527.5	530.0			0.05	<0.01	0.13	0.135	0.015	0.060	0.66	2.95
33						530.0	532.5			0.09	<0.01	0.04	0.100	0.010	0.030	0.72	2.93
34						532.5	535.0			0.08	<0.01	0.01	0.275	0.030	0.105	0.56	2.92
35						535.0	537.5			0.09	<0.01	0.01	0.145	0.015	0.080	0.40	2.91

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CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 4.12.81
COMPILED BY: M.L.HUGHES
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo2	%Bi	CaF2 %Zn	S.G
302536	1633	Foley's 953C	20-22	4.12.81		537.5	540.0	2.5		0.05	<0.01	0.04	0.140	0.035	0.065	0.45	2.94
537						540.0	542.5	"		0.02	<0.01	0.01	0.195	0.010	0.025	0.51	2.87
538						542.5	545.0	"		0.12	<0.01	0.01	0.100	0.010	0.060	0.61	2.89
539						545.0	547.5	"		0.03	<0.01	0.03	0.010	0.005	0.030	0.53	2.89
540						547.5	550.0	"		0.04	<0.01	0.02	0.305	0.015	0.065	0.62	2.90
541						550.0	552.5	"		0.27	0.01	0.06	0.070	0.015	0.030	0.66	2.94
542						552.5	555.0	"		0.07	<0.01	0.06	0.100	0.005	0.020	0.61	2.95
543						555.0	557.5	"		0.10	0.01	0.04	0.330	0.010	0.085	0.57	2.92
544						557.5	560.0	"		0.05	<0.01	0.03	0.155	0.020	0.080	0.69	2.87
545						560.0	562.5	"		0.04	<0.01	0.03	1.16	0.035	0.180	0.81	2.89
546						562.5	565.0	"		0.06	<0.01	0.03	0.150	0.005	0.040	0.98	2.93
547						565.0	567.5	"		0.09	<0.01	0.05	0.100	0.005	0.045	0.98	2.92
548						567.5	570.0	"		0.07	<0.01	0.04	0.180	0.005	0.045	1.75	2.92
549						570.0	572.5	"		0.06	<0.01	0.02	0.385	<0.005	0.025	0.74	2.90
550						572.5	575.0	"		0.04	<0.01	0.02	0.135	<0.005	0.025	0.70	2.83
551						575.0	577.5	"		0.15	<0.01	0.02	0.095	<0.005	0.025	0.47	2.80
552						577.5	580.0	"		0.06	<0.01	0.04	0.505	0.050	0.100	0.58	2.91
553						580.0	582.5	"		0.10	<0.01	0.04	0.140	0.020	0.040	0.53	2.86
554						582.5	585.0	"		0.10	<0.01	0.03	0.180	0.010	0.050	0.90	2.86
555						585.0	587.5	"		0.06	<0.01	0.01	0.200	0.015	0.060	1.05	2.87
556						587.5	590.0	"		0.03	<0.01	0.02	0.105	0.010	0.030	1.20	2.82

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

COST CODE 953C

COMPILATION DATE: 8-12-81
COMPILED BY: TCALLEN PAGE 5 OF 6
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%MoS2	%Bi	%Zn	SG
302 557	1683	Foley		8-12-81		590.0	592.5	2.5'		0.07	0.01	0.05	0.100	0.610	0.030	1.80	2.86
58	"					592.5	595.0	"		0.08	0.01	0.08	0.055	0.030	0.030	2.20	2.97
59	"					595.0	597.5	"		0.09	<0.01	0.03	0.180	0.015	0.035	1.50	2.87
60	"					597.5	600.0	"		0.05	<0.01	0.03	0.030	0.025	0.115	2.95	2.90
61	"					600.0	602.5	"		0.05	<0.01	0.05	0.435	0.035	0.075	1.30	2.94
62	"					602.5	605.0	"		0.06	<0.01	0.06	0.200	0.025	0.045	0.58	2.98
63	"					605.0	607.5	"		0.08	<0.01	0.03	0.065	0.015	0.050	0.58	2.92
64	"					607.5	610.0	"		0.04	<0.01	0.13	0.275	0.025	0.105	0.45	2.97
65	"					610.0	612.5	"		0.07	<0.01	0.06	0.865	0.015	0.110	0.45	3.01
66	"					612.5	615.0	"		0.02	<0.01	0.04	0.215	0.025	0.075	0.53	2.94
67	"					615.0	617.5	"		0.08	<0.01	0.05	1.21	0.020	0.115	0.70	2.97
68	"					617.5	620.0	"		0.02	0.01	0.02	0.985	0.030	0.100	0.43	2.95
69	"					620.0	622.5	"		0.07	0.01	0.02	0.030	<0.005	0.025	0.67	2.65
70	"					622.5	625.0	"		0.07	0.01	0.04	0.045	0.005	0.025	0.58	2.94
71	"					625.0	627.5	"		0.02	<0.01	0.01	0.290	0.010	0.040	0.53	2.87
72	"					627.5	630.0	"		0.03	0.01	0.02	0.745	0.065	0.165	0.47	2.95
73	"					630.0	632.5	"		0.07	0.01	0.03	0.505	0.045	0.120	0.49	2.92
74	"					632.5	635.0	"		0.04	0.01	0.08	0.125	0.010	0.045	0.34	2.87
75	"					635.0	637.5	"		0.02	0.01	0.04	0.305	0.045	0.035	0.23	2.76
76	"					637.5	640.0	"		0.02	0.01	0.02	0.100	0.010	0.050	0.23	2.76
77	"					640.0	642.5	?		0.02	0.01	0.05	0.198	0.015	0.115	0.28	2.78

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COST CODE 953C

COMPILATION DATE: 8.....12.....81.
COMPILED BY: T.C. ALLEN
ASSAY DATES:.....

SAMPLE NUMBER	D.D.H. NUMBER	~~FACE/STOPE~~ LENS	LEVEL	DATE	∑	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%MoS2	%Bi	%Zn	SG
302578	1633	Foley's ~~963C~~		8-12-81		642.5	645.0	2.5		0.02	0.01	0.03	0.410	0.020	0.100	0.47	2.86
79	"					645.0	647.5	"		0.03	0.01	0.02	0.405	0.030	0.080	0.53	2.76
80	"					647.5	650.0	"		0.03	0.01	0.01	0.375	0.015	0.075	0.63	2.75
81	"					650.0	652.5	"		0.02	0.01	0.03	0.215	0.005	0.045	0.35	2.74
82	"					652.5	655.0	"		0.01	<0.01	0.02	0.215	0.015	0.060	0.30	2.70
83	"					655.0	657.8	2.8		0.01	0.01	0.01	0.320	0.020	0.120	0.40	2.70

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- C 1633 MEASURED BY:- DATE:-

FROM	TO	RECOVERY - cm	VEINS - cm	VEIN DENSITY - %
0	2.5		68.0	
2.5	5.0		6.3	
5.0	7.5		—	
7.5	10.0		—	
10.0	12.5		—	
12.5	15.0		0.8	
15.0	17.5		0.8	
17.5	20.0		—	
20.0	22.5		3.2	
22.5	25.0		—	
25.0	27.5		5.7	
27.5	30.0		—	
30.0	32.5		17.6	
32.5	35.0		30.1	
35.0	37.5		30.6	
37.5	40.0		10.6	
40.0	42.5		0.8	
42.5	45.0		4.0	
45.0	47.5		2.6	
47.5	50.0		4.9	
50.0	52.5		6.2	
52.5	55.0		4.5	
55.0	57.5		23.0	
57.5	60.0		1.1	
60.0	62.5		3.6	
62.5	65.0		10.1	
65.0	67.5		1.1	
67.5	70.0		5.1	
70.0	72.5		2.9	
72.5	75.0		1.4	
75.0	77.5		1.0	
77.5	80.0		1.3	
80.0	82.5		26.7	

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- C/633 MEASURED BY:- DATE:-

FROM	TO	RECOVERY - cm	VEINS - cm	VEIN DENSITY - %
82.5	85.0		5.4	
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			
132.5	135.0			
135.0	137.5			
137.5	140.0			
140.0	142.5			
142.5	145.0			
145.0	147.5			
147.5	150.0			
150.0	152.5			
152.5	155.0			
155.0	157.5			
157.5	160.0			
160.0	162.5			
162.5	165.0			

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- C 1633 MEASURED BY:- DATE:-

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
165·0	167·5			
167·5	170·0			
170·0	172·5			
172·5	175·0			
175·0	177·5			
177·5	180·0			
180·0	182·5			
182·5	185·0			
185·0	187·5			
187·5	190·0			
190·0	192·5			
192·5	195·0			
195·0	197·5			
197·5	200·0			
200·0	202·5			
202·5	205·0			
205·0	207·5			
207·5	210·0			
210·0	212·5			
212·5	215·0			
215·0	217·5			
217·5	220·0			
220·0	222·5			
222·5	225·0			
225·0	227·5			
227·5	230·0			
230·0	232·5		10·3	
232·5	235·0		9·1	
235·0	237·5		7·2	
237·5	240·0		18·8	
240·0	242·5		6·7	
242·5	245·0		36·0	
245·0	247·5		23·0	

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- C1633 MEASURED BY:- DATE:-

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
247.5	250.0		28.0	
250.0	252.5		21.9	
252.5	255.0		41.4	
255.0	257.5		5.6	
257.5	260.0		2.2	
260.0	262.5		6.1	
262.5	265.0		0.4	
265.0	267.5		5.7	
267.5	270.0		2.2	
270.0	272.5		21.3	
272.5	275.0		29.1	
275.0	277.5		17.0	
277.5	280.0		6.9	
280.0	282.5		8.0	
282.5	285.0		12.7	
285.0	287.5		29.2	
287.5	290.0		16.7	
290.0	292.5		9.6	
292.5	295.0		16.0	
295.0	297.5		69.3	
297.5	300.0		7.6	
300.0	302.5		22.0	
302.5	305.0		16.6	
305.0	307.5		10.8	
307.5	310.0		28.9	
310.0	312.5		24.4	
312.5	315.0		11.4	
315.0	317.5		20.6	
317.5	320.0		9.9	
320.0	322.5		32.6	
322.5	325.0		13.1	
325.0	327.5		5.6	
327.5	330.0		50.4	

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- C1633 MEASURED BY:- DATE:-

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
330.0	332.5		12.9	
332.5	335.0		37.6	
335.0	337.5		11.6	
337.5	340.0		36.9	
340.0	342.5		17.3	
342.5	345.0		5.7	
345.0	347.5		8.8	
347.5	350.0		24.1	
350.0	352.5		41.1	
352.5	355.0		50.2	
355.0	357.5		16.6	
357.5	360.0		4.6	
360.0	362.5		4.3	
362.5	365.0		9.5	
365.0	367.5		5.5	
367.5	370.0		8.1	
370.0	372.5		2.5	
372.5	375.0		6.2	
375.0	377.5		24.3	
377.5	380.0		8.2	
380.0	382.5		3.5	
382.5	385.0		7.3	
385.0	387.5		26.8	
387.5	390.0		29.3	
390.0	392.5		3.8	
392.5	395.0		1.8	
395.0	397.5		2.2	
397.5	400.0		19.8	
400.0	402.5		37.7	
402.5	405.0		9.9	
405.0	407.5		94.4	
407.5	410.0		46.1	
410.0	412.5		11.6	

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- C1633 MEASURED BY:- DATE:-

FROM	TO	RECOVERY - cm	VEINS - cm	VEIN DENSITY - %
412.5	415.0		26.7	
415.0	417.5		3.2	
417.5	420.0		27.0	
420.0	422.5		32.9	
422.5	425.0		6.0	
425.0	427.5		17.2	
427.5	430.0		20.0	
430.0	432.5		28.5	
432.5	435.0		10.6	
435.0	437.5		26.7	
437.5	440.0		12.0	
440.0	442.5		23.1	
442.5	445.0		43.8	
445.0	447.5		71.6	
447.5	450.0		61.8	
450.0	452.5		42.8	
452.5	455.0		28.2	
455.0	457.5		66.9	
457.5	460.0		84.2	
460.0	462.5		39.0	
462.5	465.0		21.3	
465.0	467.5		54.3	
467.5	470.0		29.8	
470.0	472.5		66.3	
472.5	475.0		43.7	
475.0	477.5		26.9	
477.5	480.0		57.0	
480.0	482.5		57.1	
482.5	485.0		48.4	
485.0	487.5		57.0	
487.5	490.0		32.0	
490.0	492.5		45.8	
492.5	495.0		69.9	

FOLEY'S ZONE-VEIN DENSITY

HOLE Nº:- C1633 MEASURED BY:- DATE:-

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%
495.0	497.5		45.9	
497.5	500.0		140.9	
500.0	502.5		235.9	
502.5	505.0		202.0	
505.0				

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