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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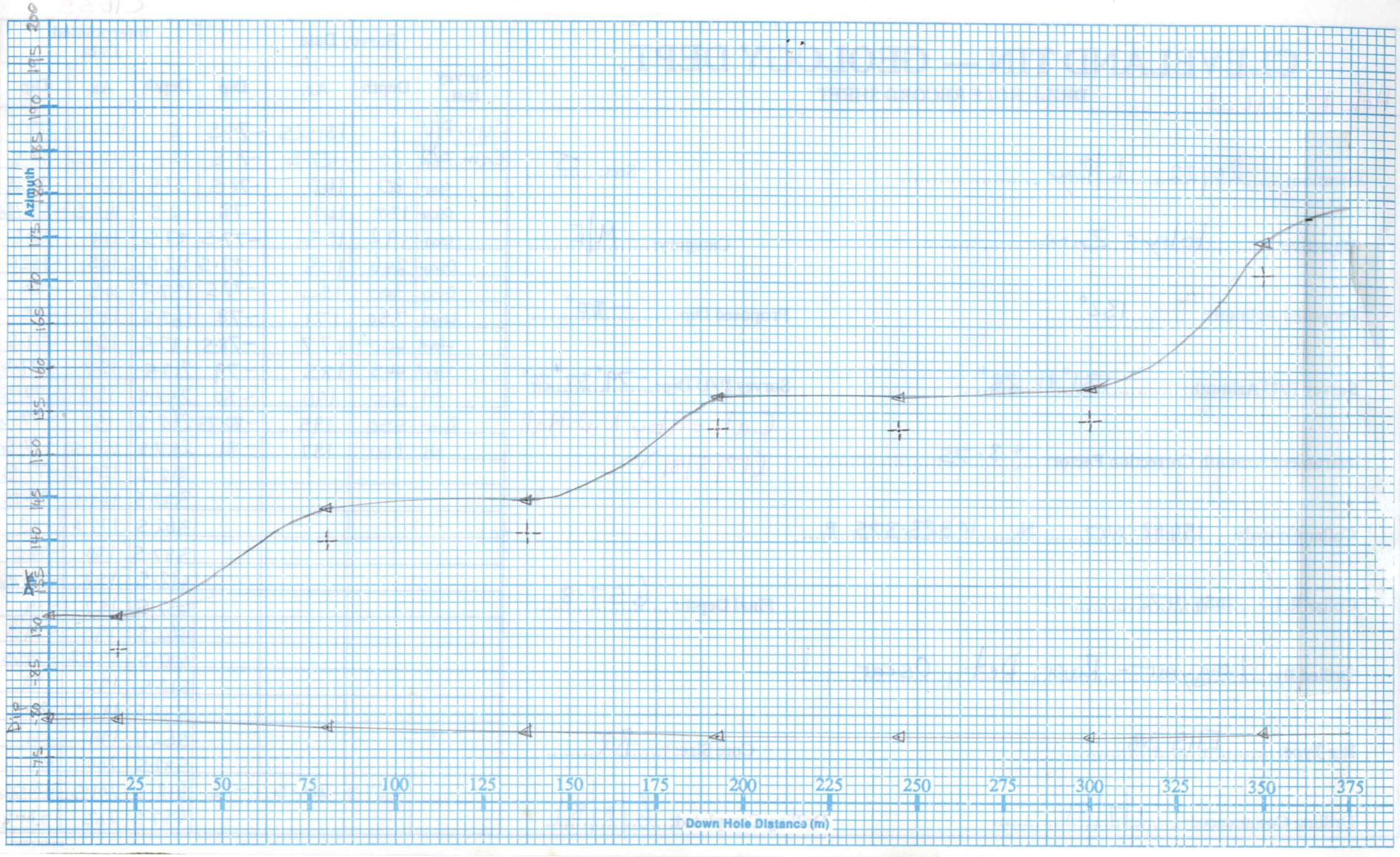
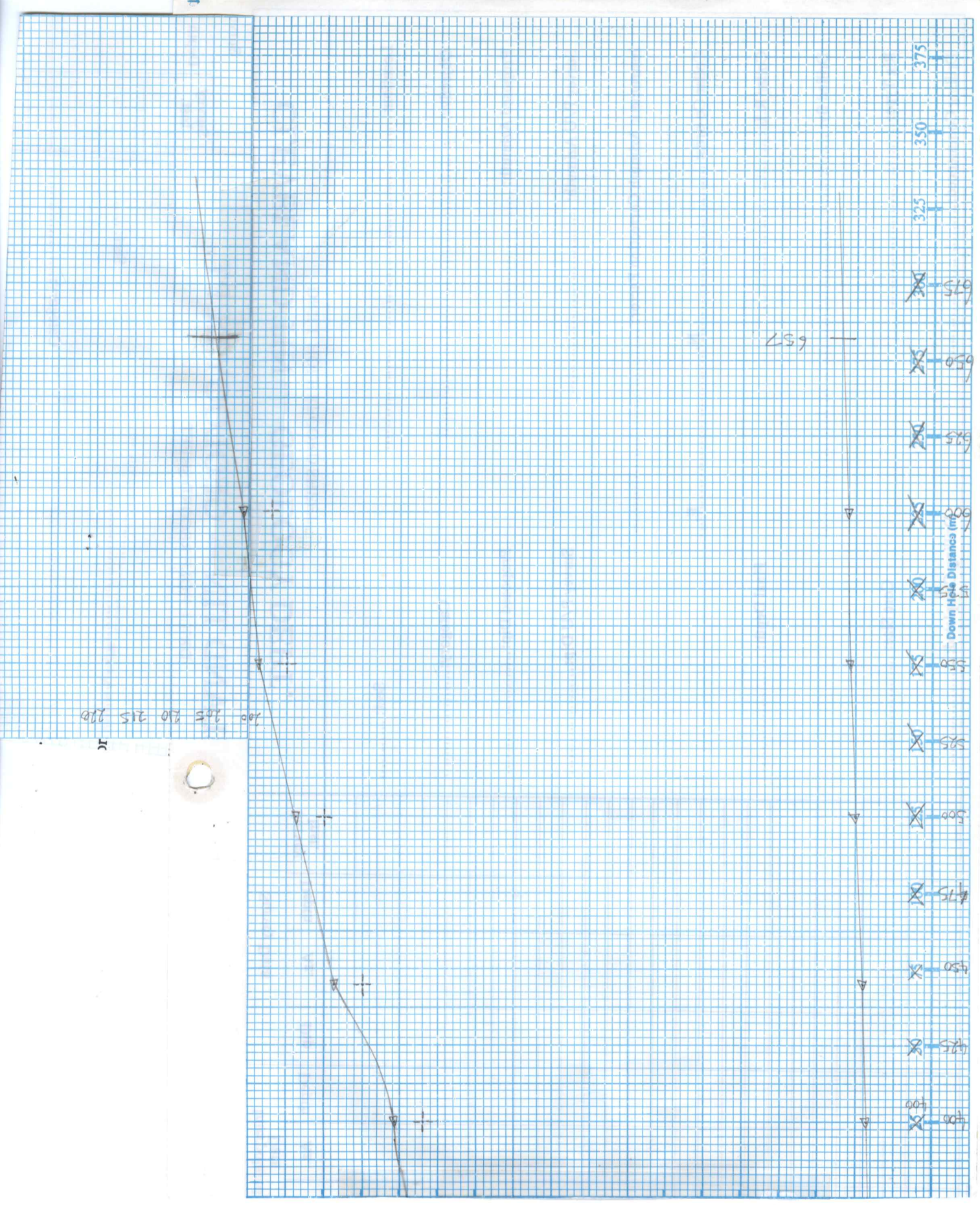

Azimuth
Dip
Down Hole Distance (m)
25
50
75
100
125
150
175
200
225
250
275
300
325
350
375


Down Hole Distance (m)
375
350
325
300
275
250
225
200
175
150
125
100
657

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº C1633	BY E.V.D	PAGE 1
	DATE Feb '81	OF

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

INTERVAL DEPTH M	CORE RECOVERY LIFTS	CORE RECOVERY 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.	VEIN MINERALOGY (QTZ, CHL, CO3, SER, TM, FL, PO, CPY, PY, SP, AS, CASS., WO, MO, BI)	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS
0–1											4.9↑↖47	QTZ ▥; CO3 |; FL X; PY |			
1–2		0.6					BROKEN				33 ↑22	QTZ ▥; CO3 |; FL X; WO |; MO |; BI ·		sh	
2–3	2,9										1-2 ↗79	QTZ ▥; CO3 |; FL ||; MO |			2,5
3–4		1.1								PY X X X X X X X	1-1 ↑79	QTZ ▥; CO3 |; CPY |; PY ||		ch; sh	3,1; 3,2
4–5	5,0									PY X X X X	·8 ↑7	QTZ ▥; CO3 |; FL X		ch; sh	4,7; 5,0
5–6															
6–7		0.05												ub	
7–8	8,0														
8–9															
9–10		0.05												ub	

Shaded bars: Rock type SH 0–2.5 m, CH 2.5–4.7 m (thin SH band 3.1–3.2 m), SH 4.7–5.0 m, UB 5.0–10 m; Colour BROWN 0–2.5 m, GREY 2.5–10 m (BROWN at 3.1–3.2 m and 4.7–5.0 m); Grain size FINE 0–10 m.

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HOLE N° C1633

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

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); 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

DEPTH M	LIFTS	LOSS	PLOTTING SYMBOLS	REMARKS
10				
11	11.0		ub	
12		0		
13			ub	
14	14.0			14.8
15		-0.25	sh	15.2
			ub	16.0
16			sh	
17	17.0			
18		0		
19				19.8
20	20.0		ss	

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INTERVAL DEPTH M	CORE RECOVERY LIFTS	CORE RECOVERY 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 (■ > 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
30															
31															
32	320	-0.05													
33															
34		0													
35	350														
36															
37		-0.1													
38	380														
39															
40		-0.2													

DEPTH M | LIFTS | 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

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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
20				ss	20,2
21		0	.6 ∠ 9 2.4 ∠ 81	sh	
22					22,5
23	23,0			ss	
24					24,2
24–25		0		sh	
25			3.1 ∠ 74 2.5 ∠ 82		Greenish mica? in vein T.S.? 25,7
26	26,0				
27		0	.8 ∠ 78	ss	
28			.8 ∠ 12		obscure green mineral
29	29,0				
30					

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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 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
40														
41	41.0													
42										.4 + 13 X 11 11 1 X		55		
43	+ 0.1													
44	44.0													
45										2.2 + 34 11 1 1 11 .9 + 88				
46	+ 0.05											55		
47	47.0									1.3 + 86 1 1 1? 1				
48														
49	0											55		
50	50.0									5.8 + 72 11 1? 11				
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				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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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	PY	WO	PLOTTING SYMBOLS	REMARKS
50–51	50.0		SS (shaded)	GREY (shaded)	FINE (shaded)											
51–52		0	SS	GREY	FINE	5.6 ~ 72	■	1	1	?	1				SS	
52–53	53.0		SS	GREY	FINE											
53–54			SS	GREY	FINE	.6 ~ 16	☒	11		1	■					
54–55		0	SS	GREY	FINE										SS	
55–56	56.0		SS	GREY	FINE	16.2 ~ 78	■	11		1	11					
56–57			SS	GREY	FINE	1.0 ~ 13	■	11	11		X					
57–58		0	SS	GREY	FINE										SS	
58–59	59.0		SS	GREY	FINE	.3 ~ 13	■	11			11	11	1	1		
59–60			SS	GREY	FINE											

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

DEPTH M	LIFTS	LOSS	ROCK TYPE: SS	COLOUR: GREY	GRAIN SIZE: FINE	VEIN LOC. & THICK.	QTZ	CO3	SER	TM	FL	PO	CPY	PY	AS	WO	PLOTTING SYMBOLS
60–61		0.1	■	■	■	.4 ⟊ 13	X	ǁ			ǁ	|	|	X			SS
61–62		62.0	■	■	■												
62–63			■	■	■	1.6 ~ 79	■	|			|						
						.8 × 37	■	ǁ	ǁ		ǁ						
63–64		0.1	■	■	■	1.4 / 53	■	|	ǁ 10°		X						SS
						.9 ⟊ 28	■	|			X						
						2.6 + 81	■	|		?	|						
64–65	65.0		■	■	■	.7 { 8	■	|	|?		ǁ						
65–66			■	■	■												
66–67		0.05	■	■	■	.7 ⟊ 22	■	ǁ			ǁ		ǁ	|	X		SS
67–68	68.0		■	■	■												
68–69			■	■	■	3.3 + 36	■	|		|	ǁ						SS
						.8 × 49	■	|			ǁ					?	
69–70		0.05	■	■	■												

Form 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)

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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				DEPTH M
70														
71	7.0													
72												SS		
73	-0.05									1.0 + 32 .8 / 17				
74	7.0												73.4	
75										1.3 \ 32 .5 / 7 1.2 \ 18		SH		
76	-0.05									.4 / 3			76.0	
77	7.0									.8 \ 38		<4	76.2	
78										.4 / 6		SH		
79	-0.05											<4	78.1 78.2	
80	8.0											SL		
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				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	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
80	80.0												80.3	
81										28 / 84		SH	Lensoid in green mineral? Minor P.S.	
82	0.05											SS		82.1
83	83.0											SH		
84										.8 X 54 / 1.7 X 52			83.2	
85	0.05													
86	86.0									2.7 + X 39 / .3 / 15		SS		
87														
88	0.1													
89	98.2 / 0.05											SS		
90	99.0									3-2.3 / 15				

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

ALTERATION: ■ > 50% ⊠ 20-50% ▥ 5-20% ▯ 1-5% □ < 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

90 M

91

92 — LOSS 0

92.0 — 92.7

93

94 — LOSS 0

95 — 95.0

96 — 95.4 — +0.2 — 0.7

97 — 96.2 / 96.3 / 96.7 — LOSS 0 0

98 — LOSS 0

99 — 99.0 — 0.05

100

-3/4 QTZ CHL 1 SER 11 TM X FL 11 PO

-2 1/2 QTZ 1 SER 11 TM FL 11 PO

1-5 \ 2 QTZ 1 SER 11 TM FL 11 PO

92.7

97.7

98.7

99.7

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 | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | 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

100
101 1010
102
103 0.05
104 1040
105
106 0.1
107 1070
108
109 0.05
110 1100

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

REMARKS: 100.4; 105.0; 106.5

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE N° 1633 | BY | PAGE | DATE | OF

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				DEPTH M
110														
111												SL		
112	+0.05									2.1 / 2 X I X I		SS	111,2	
113	113.0									1.9 / 19 I I I			112,8	
114	+0.05									2.8 / 12 I I I • • •		SH	113,7	
115	114.5									1.4 / 12 I I I 1.7 / 5 I I II I I		SS	114,3	
116	0											SH	115,8	
117	117.6									3.2 / 65 II		SS	116,4 diffuse calcite veins with adjacent fracture filling (secondary vein)	
118										3.1 / 18 I I I I I I I I 1.8 / 4 X I ? I I I		SH		
119	1190 +0.1									? / 18 I I I I			112,3	
120												SS		

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

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OF

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

Column headers: 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
120–121		0			
121–122				ss	
122–123	1220		.8 ∤ 15		122,7
123–124		0.05	-7 ∤ 13; -6 ⋋ 43	sh	
124–125			63 → 77		
125–126	1250			ss	125,0; 125,9
126–127		0	.3 ⋋ 27	sh	
127–128				ss	127,4; 127,8
128–129	1280			sh; ss	128,4
129–130		0.1	.9 + 86		

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

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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				DEPTH M
130														
131	131.0									2-3+ X 52		SS	130.2	
										63 ~ 79		SH	130.9	
132										~5 ~ 84		SS	132.0	
133	0											SH	132.7	
134										1-0 X 52		SS		
135	134.2									12 X 43		SH	134.3	
													135.2	
136	0											SS	135.3	
137	136.8											SH	134.7	
138										17 X 32				
139	0									16 X 57		SS		
										13 X 73				
140	139.2									15 X 51				
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				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	QP 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
140														
141														
142	0									6 ½ 34				
143	1429											55		
144										1·1 X ½				
145	-0.05											54	144.1	
146	1460									6 ½ 25 1·0 ½ 13 1·1 ½ 9			145.1	
147	0									2 ¼ 87 1·2 ½ 82 ·5 ½ 26 ·9 +76				
148	1472									10 4 2 ·2 ½ 3		55		
149	0									1·2 X ½ 6 11 +84				
150	1490 -0·1									·5 X ½ 8 ·8 X ½ 51 ·5 ½ 16				
DEPTH M	LIFTS / LOSS	QP 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
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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Legend: ■ > 50% · ⊠ 20–50% · ▥ 5–20% · ◫ 1–5% · ⊡ < 1%

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	PLOTTING SYMBOLS	REMARKS
150–151	150,5 / 150,7	+0·1	SS	GREY	FINE	ss	
151–152		+0·1	SS / SH	GREY	FINE	sh	151,3
152–153	152,0		SH / SS	GREY	FINE		152,9
153–154			SS	GREY	FINE	ss	
154–155	155,0	0·2	SS	GREY	FINE		
155–156			SS	GREY	FINE	ss	
156–157		0	SS / SH	GREY	FINE		156,9
157–158	158,0		SH / SS	GREY	FINE	sh	157,8
158–159			SS	GREY	FINE	ss	
159–160		0	SS / SH	GREY	FINE		1598

VEIN MINERALOGY

DEPTH	LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI
151–152	1·1 × 38	▥		|			||							'	|	
153–154	·8 × 78	▥		|	||?		||									
153–154	1·1 × 41	▥		|			||							||	|	|
153–154	1·2 × 44	▥		|	|		||							|	|	
157–158	1·2 × 17	▥		|	|		||								|	|
158–159	1·5 × 12	▥		|	|		||	|	·	·			·?		|	|
159–160	·8 × 38	▥		|	·		|	·						|	|	
159–160	·5 × 21	||		|	||		×			·		×				

ALTERATION: SiO2, Chl, Tm, Ser, Phlog, Fl, Co3, Bleach. — COUNTRY ROCK SULPHIDES: PO, CPY, PY, WO, MO, BI, CASS. — STRUCTURAL FEATURES: BRECCIATED, SHEARED, SLICKENSIDE, JOINTED, BROKEN — FAULT: LOCATION & THICKNESS — TEXT.: BANDED, CHAOTIC — VEIN DENSITY %

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

DEPTH M	LIFTS	LOSS	VEIN LOC. & THICK.	QTZ	CO3	SER	TM	FL	PY	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
160													Sh	160,4
160–161			.7 X 44	shaded	1			11		1				
161–162	161,0	0	.9 → 81	shaded	1	1'		11					SS	
161–162	14,6													161,7
162–163		–0.05	.8 → 83	shaded	1	11		11					Sh	162,6
163	162,9		21 → 82	shaded	1			1		1	·			
163–164		0	1.4 X 49	shaded	1			11		1	1	·		
164	164,0													
164–165													SS	
165–166		0	[illegible] X 42	shaded	1	1					1	·		
166–167			1.7 X 29	shaded	1			1		11	11	·		
166–167			1.0 X 53	shaded	1			1		·	·	·		
167	167,0													
167–168			.8 X 29	shaded	1			1		1			SS	
168–169		–0.1	1.2 → 78	shaded	1	1		11						
168–169			2.6 → 0	shaded	1			1		1				168,9
169–170			.7 X 14	shaded	1	11		1	1	1			Sh	169,2
169–170													SS	
170	170,0		9.2 → 86	shaded	1		11	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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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 | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | DEPTH M

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

170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180

1720 | 1730 | 1760 | 1790

1745 | 1753

55 | 55 | 55

95-vein cutting Mo-rich vein

DEPTH M | LIFTS | LOSS | ... | INTERVAL

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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	LOC. & THICK.	CO3	SER	TM	FL	PO	CPY	PY	AS	WO	MO	BI	PLOTTING SYMBOLS
180–181		0	2.1 → 79	1		1?	1?		.	1					
			2.1 → 87	1		1	11								
			1.4 → 81	1		1	11					1			
			2.9 → 81	1			11					.	1		
181–182	182.0		2.7 → 86	1			11		.			.	.		SS
182–183			.3 → 59	1	?		?								
			2.5 → 9	1	?		11		1	1	1	.	1		
183–184		0.1													
184–185	185.0		.9 → 3	1	1		11		1			1	1		
			1.7 → 62	1			11					1	1	.	SS
			1.6 → 46	1			1	.		.		.	1		
185–186			.8 → 34	1	1							.			
186–187		0.05													
187–188	188.0		.9 → 54	1	1		1					1	1		SS
			1.1 → 67	1			1		.			1	.		
			2.1 → 78	1			X					1			
188–189		0	1.1 → 78	1			1					1	1		
			1.8 → 5	1	?		11					1			
			1.8 → 77	1			1					.	1		
			2.17 → 4	1	1		11					1	.	.	
189–190			5.3 → 82	1	?		11					11	.		

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Form 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

Core recovery

Depth (m)	Lifts	Loss
191	191.0	
192–193		0.05
194	194.0	
195–196		0.05
197	197.0	
199–200		0.1
200	200.0	

Lithology (Rock type / Colour / Grain size)

Interval (m)	Rock type	Colour	Grain size	Plotting symbol	Remarks
190.0–192.6	SS	Grey	Fine	ss	192,6
192.6–193.0	SH	Grey	Fine	sh	193,0
193.0–197.6	SS	Grey	Fine	ss	197,6
197.6–198.6	SH	Grey	Fine	sh	198,6
198.6–199.5	SS	Grey	Fine	ss	199,5
199.5–200				sh	

Vein mineralogy

Depth interval (m)	LOC. & THICK.	QTZ	CO3	SER	FL	PO	CPY	PY	CASS.	WO	MO	BI
190–191	1-5 ⅄ 42	▥	1	1	11					1	1	•
191–192	.8 ⅄ 41	▥	1	1	1							
191–192	1-3 —71	▥	1							1	•	
191–192	1-5 ⅄ 52	▥	1		1						•	
193–194	2-9 —75	▥	1		11					11	1	
193–194	2-1 ⅄ 72	▥	1	1	1						•	
194–195	1-2 ⅄ 63	▥	1	1	1					1	•	
194–195	.9 ⅄ 18	▥	1		1		•	1		1	•	
194–195	2-2 —79	▥	1		1					•	•	
195–196	.8 ⅄ 35	▥	1		1					1	•	
195–196	1-4 ⅄ 11	▥	1	1	1				1?	11	1	
195–196	2-7 ⅄ 33	▥	1		1					•	•	
196–197	8-9 —81	▥	1		1	•		•		•	•	
196–197	.9 ⅄ 28	▥	1		1	•	•	•			1	
197–198	.6 ⅄ 37	▥	1		1					11		
197–198	1-8 ⅄ 68	▥	1		1			•		1	1	
197–198	.6 ⅄ 53	▥	1	1						1		
198–199	1-7 ⅄ 52	▥	1	?	1							

Remarks (195–196 m): cassit? on vein margins

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DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	PLOTTING SYMBOLS	REMARKS
200	200.0		SH	GREY	FINE	sh	
201		0	SS (from 201.2)	GREY	FINE		201.2
202			SS	GREY	FINE		
203	203.0	0	SS	GREY	FINE	ss	
204			SS	GREY	FINE		
205			SS	GREY	FINE		
206	206.0		SS	GREY	FINE	ss	
207		0	SS	GREY	FINE		
208			SS	GREY	FINE		
209	209.0		SS	GREY	FINE	ss	
210							

VEIN MINERALOGY

LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI
2.37 ∠ 7	■		|			|	•	|	'				|	|	
3.7 ∠ 28	■		|			||							✓	•	
17.5 ∠ 81	■		|			|	•	•	•				|	|	
2.1 ∠ [illegible]	■		|	|?					|				|	|	
.8 ∠ 43	■		|	|					|						|
3.1 ∠ 53	■		|					•	•				|	|	
1.5 ∠ 7	■		|			|	|		×			|	|	|	
1.4 ∠ 84	■	||?				|									
4.9 ∠ 81	■		|			|	•	•	•		|		||	|	•

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%

Form 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.	QTZ	CO3	SER	TM	FL	CPY	PY	WO	MO	BI	Plotting symbols	Remarks
210–211		0.15													
211–212	212.0		.4 ∧ 22	▥	1	1 (B10?)		1	1	1	1	·	·?	ss	Min vein cutting barren q.f.v.
			1.1 ∧ 41	▥	11	1									phlog-bi·q.v. cutting Min q.v.
			.5 ∧ 72	▥	1	11		11							large Bi Min
			5+ ∧ 32	▥	1		1	X			1	1	1		
212–213															
213–214		0.15	1.1 ∧ 29	▥	1	11								ss	213,6
214–215	215.0													sh	214,7
215–216														ss	
216–217		0.1	1.5 ∧ 72	▥	1			1			1	1			
217–218	218.0		.7 ∧ 62	▥	1			1			1	1		ss	218,0
218–219															
219–220		0	.7 ∧ 26	▥	1			11				·	1	sh	220,0
			2.3+ ∧ 12	▥	1			1			11	1			

Graphic log (shaded columns): Rock type SS 210–213.6, SH 213.6–214.7, SS 214.7–218.0, SH 218.0–220.0; Colour GREY throughout, LIGHT ~211.2–213.3; Grain size FINE throughout; Structural BROKEN ~212.5–213.0; Alteration Bleach. ~211.2–213.3.

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FOLEY'S ZONE GEOLOGICAL LOG

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Depth (M)	Core recovery: Lifts	Core recovery: Loss	Vein mineralogy: Loc. & Thick.	Plotting symbols	Remarks
220					220,0
221	221.0		5+ \ 21		
			1+ X 57 ; -9 } 6	SS	
222		0·1			222,3
				Sh	222,7
223			1·4+6		
224	224		2·4 \ 31	SS	
					224,8
225		-0·1		Sh	225,4
226			·8 \ 18 ; 22-+80	SS	Min. v. cutting large barren q.v.
227	227.0		·8 \ 36		
228			·8 } 18		228,2
		+0·1			
229				Sh	
230	230				

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

Form columns: 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

Depth (m)	Lifts	Loss	Rock type	Colour	Grain size	Vein loc. & thick.	Plotting symbols	Remarks
230–231	230.0		SH	Grey	Fine	2.5 ∠32	sh	
231–232		0	SH	Grey	Fine	1.1 ∠24; 2.1 ∠78; 1.0 ∠28	sh	
232–233			SH / SS	Grey	Fine	.7 ∠16; .5 ∠12; .7 ∠16		232.5
233–234	233.0		SS / SH	Grey	Fine	3.2 ∠22	ss	233.7
234–235		0.1	SS	Grey	Fine		sh; ss	234.2
235–236			SS / SH	Grey	Fine		sh	235.3; 235.9
236–237	236.0		SS	Grey	Fine	1.2 ∠7; .8 ∠19; 1.2 ∠14		
237–238		0	SS	Grey	Fine	1.7 ∠28; 1.0 ∠59	ss	
238–239			SS	Grey, Light	Fine	3+ ∠11; 1.1 ∠19		
239–240	239.0		SS	Grey	Fine	2.7 ∠18	ss	obscure yellow-milky mineral

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INTERVAL DEPTH M (240)

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 (> 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

241 — 0

242 — 2420 — 0

243 — 2430 — 0

244 — +0-1

245 — 2450

246 — 0

247 — 2480

248 — 0

249 — 2500

241,5

242,7

Inclusions BI in Wall.

Thin end ε Stricks. ∧ 37°

thin end ε sticks ∧ 38°

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE N° 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
250				ss	250,2
				sh	250,4
			4·61 \ 34		soft yellow min in q.v.
251	251.0				
252				ss	
		0·1	1·7 \ 64		
			2·6 \ 54		
253			3·6 \ 42		
				ss	
254	254.0				254,6
				sh	255,0
255		0·1		ss	
			·9 \ 21		255,9
256				sh	256,1
			·5 \ 25	ss	
257	257.0		1·5 \ 28	ss	257,8
258		0		sh	
259					259,5
260	260.0		·8 \ 21	ss	

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HOLE Nº 1633 | BY | PAGE | DATE | OF

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

INTERVAL DEPTH M	CORE RECOVERY LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	ALTERATION	VEIN MINERALOGY LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
260	2600		SS	GREY	FINE			SS	
261		-0.05	SS	GREY	FINE	SiO2, Co3	2.2 ∢ 61 (QTZ ?, CO3 1, FL 1?)		irregular silic zone. possibly hydraulically fractured qtz invasions
262			SS	GREY	FINE		2.8 ∢ 62 (Biot?) ; 2.1 ∢ 16		
263	2630		SS	GREY	FINE			SS	
264		-0.1	SS	GREY	FINE		1.4 ∢ 35		
265			SS	GREY	FINE			SS	
266	2660		SS / SH	GREY	FINE		1.7 ∢ 12	SL / SS	266.6 ; 266.9
267		0	SS	GREY	FINE		.5 ∢ 24 ; .8 ∢ 37		
268			SS	GREY	FINE				
269	2690		SS	GREY	FINE		.8 ∢ 51		
270									

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HOLE Nº 1633 | BY | DATE | PAGE | OF

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

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	ALTERATION	VEIN LOC. & THICK.	QTZ	FL	PO	CPY	PY	WO	MO	BI	PLOTTING SYMBOLS
270–271		0	SS	GREY	FINE		.8 ∠ 28	|	||				|	•		
271–272	272.0		SS	GREY	FINE		2.7 ∠ 62	|				|				
272–273		0.1	SS	GREY	FINE	SiO2, Co3	3.8 ∠ 7	|	||	•	|	||	|||	|		SS
273–274	273.8		SS	GREY	FINE	SiO2, Co3	12 ∠ 68	|	|				•	•		
274–275	275.0	0	SS	GREY	FINE		2.4 ∠ 46	|	|							
275–276			SS	GREY	FINE		.8 ∠ 74	|	|	•		•				
							2.7 ∠ 58	|	||				|	|	•	
276–277		0.05	SS	GREY	FINE	SiO2, Co3	.4 ∠ 14	|	|				|	|		SS
							1.9 ∠ 30	|	|			|	|			
277–278	278.0		SS	GREY	FINE		1.1 ∠ 48	|	||							
							8.2 ∠ 78	|	|		•		|	|		
							2.4 ∠ 12	|	|			|	|	•		
278–279			SS	GREY	FINE		1.1 ∠ 18	|	|			•	|||	|	•?	
279–280		0.05	SS	GREY	FINE											

Form 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)

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE N°	1633	BY		PAGE	
		DATE		OF	

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

Rock type: SS, shaded from 280 to 290 m · Colour: GREY, shaded from 280 to 290 m · Grain size: FINE, shaded from 280 to 290 m

DEPTH M	LIFTS	LOSS	ALTERATION (SiO2)	VEIN MINERALOGY LOC. & THICK.	QTZ	CHL	CO3	SER	TM	FL	PO	CPY	PY	SP	AS	CASS.	WO	MO	BI	PLOTTING SYMBOLS	REMARKS
280–281	281.0			1·2 \ 22	shaded	?	1			1	.	.	.				1	.			
281–282				2·7 \ 25	shaded	1?	1			1		.								SS	
282–283		0·1																			
283–284	284.0		=‖	·4 \ 3	X	?	11		1	X		1	11		1						
				1·1 \ 24	shaded		1			1							1	1			
				1·2 \ 27	shaded		1			1							1	1			
284–285																				SS	
285–286		0·1		8·1 — ·7	shaded	?	1			X		.			1						
286–287	287.0																				
287–288				1·1 — 83	shaded		1			11										SS	
				1·5 \ 34	shaded		1			11	.	.	.				1				
				2·1 \ 23	shaded		1			1		.	.				1	.			
288–289				·5 \ 12	11	?	11			11			X				?				
				1·3 \ 48	shaded		1			11	1						•	•			
				2·0 \ 6	shaded		1			1		1	1				1	•			
289–290				·5 \ 32	shaded		1			1									1		
				1·3 \ 12	shaded		1			1		•	1				1	•			

Column headings of the form — 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; VEIN DENSITY %; PLOTTING SYMBOLS; REMARKS; INTERVAL DEPTH M

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HOLE N° 1633 | BY | DATE | PAGE | OF

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 · INTERVAL (DEPTH M)

Depth M	Lifts	Loss	Vein Loc. & Thick.	Plotting Symbols	Remarks
290	290.0		·4 ∠16; ·6 ∠46	SS	
291		0·1	1·0 ∠98 ?		
292	293.0		1·8 ∠25; ·8 ∠32; 2·5+ ∠18	SS	
293			·8 ∠25		
294		0			294,2
295				SH	
296	296.0		69 ∠25	SH	vein
297		0·05	2·2 ∠37; ·9 ∠18; 1·6? ∠12	SS	297,4
298	299.0		·7 ∠6; ·7 ∠13		(T-Section) 298,7m
299–300		0	2·1 ∠21; ·8 ∠12; 1·2 ∠6	SS	

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Legend: > 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				DEPTH M
300			SS	GREY	FINE											
301											2-1 \8; 1-5 \9			ss		
302	302.0															
303											1.0 \11; 1-2 \19					
304		0.1									.8 \13; 5.8 ~77; 1-3 \14; 8-2 ~77			ss	Min q.v. cutting barren q.v.	
305	305.0; 305.3	0.05	SH								2-4 \28				305.2	
306														sh		
307		0.05									2-3 \22			sh		
308	308.0										≈22 ~69					
209		0.1									1-8 \22			sh	309.9	
310																

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

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	ALTERATION	VEIN LOC. & THICK.	VEIN MINERALOGY	PLOTTING SYMBOLS	REMARKS
310–311	311.0		SS	GREY	FINE					
311–312			SS	GREY	FINE					
312–313		0.1	SS	GREY	FINE		1.1 \ 27; 2.15 \ 22; 2.3 \ 45	QTZ, CO3, FL, WO, MO, BI, PY	SS	313.0
313–314	314.0		SH	GREY	FINE	SiO2, Co3			SL	
314–315			SH	GREY	FINE	SiO2, Co3				
315–316		0.05	SH	GREY	FINE					
316–317	317.0		SH	GREY	FINE	SiO2	1.8 \ 40	QTZ, CHL?, CO3, SER (Biot?), PO, WO		
317–318			SH	GREY	FINE	SiO2	3.2? / 8; 2.3 \ 32	QTZ, CHL?, CO3, SER?, TM, FL, CPY, WO, MO	SL	(T-Section green min?)
318–319		0	SH	GREY	FINE		1.8 / 8	QTZ, CO3, SER?, FL, WO, MO		
319–320	320.0		SH	GREY	FINE		1.3 / 2	QTZ, CO3, SER?, FL, PO, PY, WO, MO	SL	

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); 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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HOLE Nº 1633 | BY | PAGE | DATE | OF

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

INTERVAL: DEPTH M	CORE RECOVERY: LIFTS	CORE RECOVERY: 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
320–321			SH	GREY	FINE						1-4 ⟍19; 25 + 78		sh	
321–322		0	SH	GREY	FINE						1-2 ⟍27			
322–323	323.0		SH	GREY	FINE									
323–324			SH	GREY	FINE						1-8 ⟍19		sh	
324–325		0	SH	GREY	FINE						1-1 + 78 (=BIOT)			
325–326	326.0		SH	GREY	FINE								sh	
326–327			SH	GREY	FINE						2-3 ⟍32			
327–328		0.1	SH	GREY	FINE								sh	
328–329	329.0		SH	GREY	FINE									
329–330			SH	GREY	FINE						1-1 ⟍22; 1-4 ⟍24; 12 ⟍48		sh	

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DATE | OF

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

Columns: 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	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
330–331		0.1	1·7 \ 28		
331–332			·8 \ 22; 2·0 \ 24		
332–333	332.0		1·3 \ 16; ·9 \ 26		332.5
333–334		0·1	18 \ 32; 1·4 \ 32	SS	
334–335			1·0 \ 12; ·5 \ 26 (SER: BIOT)		
335–336	335.0		1·3 \ 18	SS	
336–337		0	·6 \ 8		
337–338			4·1 \ 17	SS	
338–339	338.0		·8 \ 46; 2·0 \ 29		
339–340		0	2·4 \ 18	SS	

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HOLE Nº 1633

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DATE | OF

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 · INTERVAL (DEPTH M)

Depth (M)	Lifts	Loss	Rock type	Colour	Grain size	Alteration	Plotting symbols
340–341	341.0	0	SS	Grey	Fine		SS
341–342			SS	Grey	Fine		
342–343		0.1	SS	Grey	Fine	SiO2, Phlog, Co3 marks	
343–344	344.0		SS	Grey	Fine	SiO2, Phlog, Co3 marks	SS
344–345			SS	Grey	Fine		
345–346		0.05	SS	Grey	Fine		
346–347	347.0		SS	Grey	Fine		SS
347–348			SS	Grey	Fine		
348–349		0.1	SS	Grey	Fine		
349–350	350.0		SS	Grey	Fine	SiO2, Phlog, Co3 marks	SS

Vein mineralogy entries (LOC. & THICK.; QTZ shaded for each entry):

Depth (M)	Loc. & Thick.	CHL	CO3	SER	TM	FL	PO	CPY	WO	MO	BI
340–341	.5 ∠21	?	|			|			|	|	•
340–341	.9 ∠13	?	|			|			|	|	•
341–342	1.3 ∠12		|			|			|	|	
341–342	1.6 ∠26		|			|	•		|	|	•
341–342	1.4 ∠18		|	?		|			•	||	•
343–344	.6 ∠8					|			|	|	|
346–347	1.4 ∠16		|	?	•	|			|	•	
346–347	1.7 ∠58		||			X					|
347–348	1.1 ∠25		|	?		|		•			
348–349	8.3 ∠20		|	?		|			|	|	•
349–350	2.1 ∠17		|		||				||		

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE N° 1633

BY

DATE

PAGE

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				DEPTH M
350	3528													
351										6ft / 38 4-1 / 26 1-1 / 16		55		
352		D												
353	3531									27 / 21 1-1 / 12				
354	3536	0								8.2 / 38 .8 / 19 2-1 / 17 1.0 x 24		55		
355		-0-1								2.8 x 34 1-6 / 11				
356	3560									.6 / 11 1.5 / 16				
357										1-3 / 19		55		
358		D								1-1 / 19			357,7 m.	
359	3590									1.5 / 22		sh		
360														

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 | REMARKS | INTERVAL

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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	Fault (Location & Thickness)	Plotting symbols	Remarks
360					
361		0		sh	
362	362,0				
363					
364		+0·1		sh	
365	365,0				
366					higher mo+Bi in q.v. than normal
367		+0·1	∡12° bleached decomp:- ∡21° strong fol: ∡38 clayey slan. c slicks	sh	367,6
368	368,0			SS	
369		+0·1		ss / sh	369,3
370					

Vein mineralogy:

LOC. & THICK.	QTZ	CO3	SER	FL	WO	MO	BI
1·8 ∡32	▮	1		1	1	1	•
·8 ∡46	▮	1		1	1	1	-
1·4 ∡32	▮	1	?	1	1		
2·5 ∡43	▮	1		1	(		
1·3 ∡18	▮	1		1	·	1	1
·5 ∡9	▮	1	?	1		1	1
1·2 ∡62	▮	1		1		1	11
3·6 ∡31	▮	1		1	1	•	1
2·8 ∡39	▮	1		1	1	1	•
·9 ∡52	▮	1		11	1		

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Legend (alteration, country rock sulphides, vein mineralogy): > 50% | 20-50% | 5-20% | 1-5% | < 1%

Form 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	Structural features	Fault location & thickness	Vein loc. & thick.	QTZ	CO3	SER	FL	CPY	PY	WO	MO	BI	Plotting symbols
370–371	3710		SH [shaded 370–380]	GREY [shaded 370–380]	FINE [shaded 370–380]													sh
371–372								·4 / 3	[shaded]	1		11				1	1	
372–373		0·1																
373–374	3740							1·0 \ 33	[shaded]	1	?	11						sh
374–375							X12 soft clays broken	1·1 \ 40	[shaded]	1		1			1	1		
								1·3 \ 53										
375–376		0		PURPLE [marked]		BROKEN [marked]	minor shear?											sh
376–377	3770							1·0 \ 19	[shaded]	1	?	11			1	-	·	
								8·5 \ 12	[shaded]	1	?	1	·		1	11	·	
377–378								1·8 \ 57	[shaded]	1		1		·			·	
378–379		0·1																sh
379–380	3800							1·7 \ 17	[shaded]	1		1			11	11	·	

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Depth M	Lifts	Loss	Vein Loc. & Thick.	Plotting Symbols	Remarks
380	3800		·7 \ 8	SH	
381		0	·3 \ 31		
382				SH	
383	3830		1·3 \ 32		
384			·7 \ 39		
385		0	·8 \ 13 ·6 \ 42	SH	
				SS	385.12
386	3860				
387		−0.05	6↑ \ 21 ·6 \ 3		
388			21 \ 84 1·8 \ 29	SS	
389	3890				
390			1·6 \ 94		

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

> 50% — 20-50% — 5-20% — 1-5% — < 1%

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GEOLOGICAL LOG

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		DATE		OF	

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	Vein Loc. & Thick.	Plotting symbols	Remarks
390		0.05		ss	390.2
391			.7\35	sh	
392	392.0		.3\33		
393		0.1	.9\21		
394				sh	
395	395.0				
396		0.1			
397				sh	398.0
398	398.0		1.4\38; 1.6\68; 2.8\43	ss	
399		0.1	2.4\23; 2.1\46; 1.1\49; .8\21		
400					

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DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	VEIN MINERALOGY LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
400–401	4010		SS	GREY	FINE	1-1 \ 41; -7 \ 20; -8 \ 22	SS	
401–402			SS	GREY	FINE	3.3 \ 43; 2-6 \ 12; 6-1 \ 16		
402–403		0	SS / SH	GREY	FINE	1-8 \ 41; -7 \ 18	SS	402,7
403–404	4040		SH	GREY	FINE	1-2 \ 13	SH	
404–405			SH / SS	GREY	FINE		SS	404,7
405–406		0	SS	GREY	FINE	1-2 \ 22; 1-0 \ 76; 68 \ 74; 1-5 \ 6		
406–407	4070		SS	GREY	FINE	3-7 \ 8	SS	
407–408			SS / SH	GREY	FINE		SH	407,5
408–409		0-05	SH	GREY	FINE	-8 \ 76; -9 \ 21; -4 \ 35		
409–410	4100		SH	GREY	FINE	1-0 \ 32; 2 \ 45	SL	

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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 · INTERVAL (DEPTH M)

Rock type is shaded in SH (410–411.0, 411.3–415.6, 416.3–418.3) and SS (411.0–411.3, 415.6–416.3, 418.3–420); colour shaded Grey and grain size Fine throughout.

Depth (m)	Lifts	Loss	Vein Loc. & Thick.	QTZ	CO3	SER	FL	CPY	WO	MO	Plotting symbols	Remarks
410–411	410.0		1-7 ∠50	shaded	|		|				SH	411.0
411–412		0.1	8 ∠81	shaded	|	|	|				SS	411.3
			·7 ∠9	shaded	|	|	|		•			
			1-2 ∠58	shaded	|	|	||		•			
			1-7 ∠11	shaded	|	|	|		•	•		
412–413											SH	
413–414	413.0		1-6 ∠39	shaded	|		|					
			1-1 ∠3	shaded	|		|		|	|		
414–415		0.1	1-7 ∠12	shaded	|	||	||				SH	
415–416											SS	415.6
416–417	416.0										SS	416.3
417–418		0.05									SH	
418–419												418.3
419–420	419.0		·9 ∠87	shaded	|		|				SS	
			1·7 ∠88	shaded	|		|	•	|	|		

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INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION (> 50%)	COUNTRY ROCK SULPHIDES (20-50%)	VEIN MINERALOGY (5-20%, 1-5%, < 1%)	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL
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				DEPTH M
420														
421	-0.05									1.0 X 44 / .5 X 25		SS	Thick qv. cutting thin min-qv.	
422	422.0									1.7 X 11 / 2.5 X 25		SS		
423										1.7 X 11		SS		
424	-0.05									.8 X 14 / 2.7 X 15 / .9 X 23		SS	Very obscure boundings (?) qv. 424.1m	
425	425.0									1.0 X 11		SS	424.6	
426										.4 X 27 / .9 X 33		SL	426.1	
427	0									1.3 X 25		SS		
428														
429	428.0									1.4 X 18		SS	429.0	
430	0									1.9 X 26 / 2.4+ X 51 / 2.9 X 23		SS	429.7 / 429.7	

INTERVAL	CORE RECOVERY	ROCK TYPE	COLOUR	GRAIN SIZE	TEXT.	STRUCTURAL FEATURES	FAULT	ALTERATION (> 50%)	COUNTRY ROCK SULPHIDES (20-50%)	VEIN MINERALOGY (5-20%, 1-5%, < 1%)	VEIN DENSITY %	PLOTTING SYMBOLS	REMARKS	INTERVAL
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				DEPTH M

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

Core recovery

Depth (M)	Lifts	Loss
431	431.0	
432–433		0
434	434.0	
435–436		0.1
437	437.0	
438–439		0.05
440	440.0	

Rock type / colour / grain size (Colour: GREY; Grain size: FINE, throughout)

Interval (M)	Rock type	Plotting symbol	Remarks
430.0 – 431.0	SH	sh	431.0
431.0 – 431.5	SS	ss	431.5
431.5 – 433.0	SH	sh	433.0
433.0 – 433.8	SS	ss	Biotite locally in small vein; 433.8
433.8 – 434.0	SH	sh	434.0
434.0 – 434.6	SS	ss	434.6
434.6 – 435.0	SH	sh	435.0
435.0 – 435.9	SS	ss	435.9
435.9 – 439.9	SH	sh	obscure apple-green mineral; Large Bismuth-Bi in q.v.; 439.9

Vein mineralogy

Loc. & Thick.	QTZ	CHL	CO3	SER	FL	PO	CPY	AS	CASS	WO	MO	BI
33+ \ 28	▮		|	|	|					|	|	
1.7+ \ 23	▮		|	Biot Bi	|					|	|	
4.2+ \ 30	▮		|	|	|				?	|	|	
.8 \ 29	▮		|	|	|	•	•			|		
1.5 \ 33	▮		|	|	|					•		
1.1 \ 19	▮		|	| (B Biot)	|					•	|	
2.9 \ 32	▮		|		|					•	|	
1.2 \ 74	▮		|	|	|					•	|	
1.3 \ 32	▮		|		|					•	•	
.8 \ 16	▮		|		||	|	|			|		
2.4+ \ 25	▮		|		|					|		
2.2 \ 9	▮		|		||	|	|			|		
3.8 \ 19	▮		|		X	||	||	|	|	|	·	|
1.3 \ 9	▮		|		|					•	•	
1.3 \ 5	▮		|	|	|						•	
1.9 \ 12	▮		|	·	|					•	•	
1.3 \ 14	▮		|		|					|		
.6 \ 32	▮	?	|		|	|						

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Key: ▒ > 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	Vein Loc. & Thick.	Plotting symbols	Remarks
440–441			6·0 ∠70		Biot? alt^n on margins greenish min in q.v. [T.S]
441–442		0	3·1 ∠22; 1·1 ∠19	SS	
442–443			·7 ∠13		
443–444	443·0			SS	
444–445		0·2	35 ∠12		q.v.
445–446			·6 ∠33; 1·8 ∠16	SS	
446–447	446·0		7 ∠19	SS	446.4; 446.6
447–448		0·1	2·3	SS	447.8
448–449			1·6 ∠21; 3·5 ∠12	Sh; SS	448.5; obscure green-yellow min. [T.S]
449–450	449·0	0·1	20 ∠32; 2·1 ∠18	SS	

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

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Form columns: 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: 449

Depth (m)	Lifts	Loss	Fault location & thickness	Vein loc. & thick.	Vein mineralogy marks	Plotting symbols	Remarks
450				4·3 \ 16	QTZ; CO3 ǀ; FL ǀ; PY •; WO ǀ; MO •	SS	450,6 (rock type SS to 450.6 then SH; colour grey; grain size fine)
451				·9 \ 18	QTZ; CO3 ǀ; FL ǀ		
452	452,0					SH	
453		0·2		12 \ 26	QTZ; CO3 ǀ; FL ǀ; PO •; PY •; WO •		
454				3 \ 22	QTZ; CO3 ǀ; FL ǀ; PO ǀ; CPY •; WO ǀǀ		Min q.v cutting thin q-cass alt^d vein
455	455,0			3·7 \ 13; 1·4 \ 16; ·8 \ 5	QTZ; CO3 ǀ; FL ǀ; PO •; CPY •; WO •; MO •; SER ǀ; FL ǀǀ; WO ǀ	SH	thin barren q.v cut by alt^d country-rock q.v. cut by min q.f.-ser. WO
456		0		3·9 \ 32; 38 \ 19	QTZ; CO3 ǀ; FL ǀ; PO •; CPY •; PY •; WO •		
457				·9 \ 6; 2·3 \ 32	QTZ; CO3 ǀ; FL ǀ, ǀǀ; CPY •; WO •		
458	458,0		thin shear c̄ slicks 40°	5+ 6	QTZ; CO3 ǀ; FL ǀ; WO •; MO •	SH	
459		0				SS	459,3 (SH to 459.3 then SS; colour light from c. 457.7 to 460)
460							

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INTERVAL DEPTH M	CORE RECOVERY LIFTS	CORE RECOVERY 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
460														
461	461.0													460.0
462											a.v.	3-9 / 19		Alteration - type veins commence
463		0.05									a.v.	4-2 / 52		
464	464.0											2-2 / 82		
465											a.v.	1-9 / 12		[IS . a.v.]
466		0										12 / 23 28 / 82		
467	467.0											3-14 / 4		
468														
469		0										2.0 / 5		
470	470.0													470.0

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 | DEPTH M

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

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FOLEY'S ZONE
GEOLOGICAL LOG

HOLE N° 1633

BY

DATE

PAGE

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				DEPTH M
430														
431	4390									24 \ 33 1.3 \ 33		SS		
432	0.4									37 \ 38 .8 \ 32 2.9 \ 19			g.v.	
433										1.5 \ 14		SS	4325	
434	4430									13 \ 27 1.2 \ 26 1.3 \ 52 1.9 \ 13				
435	0.4											SH		
436										1.9 \ 22 1.6 \ 25			large WO3 blades	
437	4760						K30° soft broken weathered shear			24 \ 30		SH		
438	0.4									1.0 \ 12			437,8 m	
439	4890									54 \ 24 1.7 \ 27		SS		
440										18 \ 24		SS		

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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DATE | OF

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

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	STRUCTURAL FEATURES	ALTERATION	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
480–481		0	SS	GREY	FINE			1-0 x 18; -9 x 15	ss	
481–482	482.0		SS	GREY	FINE		SiO2, Tm, Co3	3+ x 40; 2-1 x 20; 3+ x 12		
482–483			SS	GREY	FINE		SiO2, Tm, Co3; BIOT	-7 x 12; 1-5 x 30	ss	Phlog. biot alt!
483–484		0	SS	GREY	FINE			34 x 49; 3-21 x 26		
484–485			SS / SH	GREY	FINE			8T x 16; -9 x 25	ss	484.6
485–486	485.0		SH	GREY	FINE			1-9 x 63	sh	
486–487		0.1	SH	GREY	FINE			2-1 x 12; 1-7 x 23		
487–488			SH	GREY	FINE			4-21 x 38; 1-2 x 23		
488–489	488.0		SH	GREY	FINE	BROKEN		1-3 x 21	sh	
489–490		0	SH	GREY	FINE	BROKEN		1-9 x 34		

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

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BY | DATE | PAGE | 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	Fault location & thickness	Vein loc. & thick.	Plotting symbols	Remarks
490–491	491.0			1.4 ∠9; 5.6 ∠22	ss	491.0
491–492				18 ∠58		
492–493		0		28 ∠13	sh	
493–494	494.0		soft thin clayey shear ∠18°	1.6 ∠21	ss	493.3
494–495			∠37° soft clayey broken sheared slicks	15 ∠29	s	494.9
495–496		0		1.8 ∠75; 10+ ∠45	sh	soft yellow mineral
496–497	497.0			15+ ∠11; 1.9 ∠8	ss	496.2; Hydroth.? Breccia? vein 496.9
497–498				1.8 ∠33; 3.7+ ∠28; 35+ ∠47	si	[T.S.]
498–499		0		40+ ∠54; 44 ∠12	si	
499–500	500.0			20+ ∠20; 8.5 ∠23; 57 ∠16	sh; sh	499.1; [Tm rich vein]; 500.0

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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 (■ > 50%, ⊠ 20-50%, ▥ 5-20%, ◫ 1-5%, □ < 1%): SiO2, Chl, Tm, Ser, Phlog, Fl, CaS, 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

500 m

501 — 500.0

502 — D

503 — 502.7

503.0

504 — D

504.7

505

506 — +0.2

506.0

507

508 — +0.2

509 — 509.0

510

silicious pyritic breccia

10 \ 19

-3 \ 22

1.5 \ 11

25+ \ 52

Remarks:
- Tm-alt° in bleach ss [T.S.]
- pyritic breccia 506.6 drive dir in matrix
- 506.8
- clouds, topaz? near contact
- 508.6
- 508.8
- 509.1
- 509.3

DEPTH M | CORE: 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 (■ > 50%, ⊠ 20-50%, ▥ 5-20%, ◫ 1-5%, □ < 1%): SiO2, Chl, Tm, Ser, Phlog, Fl, CaS, 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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HOLE Nº	1633	BY		PAGE	
		DATE		OF	

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, 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	PLOTTING SYMBOLS	REMARKS
510				
		0.1	Si	510.6
511			Sh	510.7
				coarse lm ē cass-po
512	512.0		Si	
				512.6
513			Sh	512.8
			Si	512.9
		0	Sh	513.4
			Si	513.6
514			Sh	513.8
			Si	
515	515.0			
516				
		0	Si	
517				
518	518.0			
519			Si	
		0.15		
520				

Vein mineralogy, 511–512: LOC. & THICK. (1-5) 26; TM x?

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

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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 (■ > 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

520 M

521

522 — 521.0 — 1

523 — 0

524 — 524.0

525

526 — 0-1

527 — 527.0

528

529 — 0-.05

530 — 530.0

Fine silicified layering

coarse WO3-Bi

521.8 siliceous tm conc. on contact

First visible gf3 phenocrysts

525.3

greyish opq? in qz. ± aspy-cass?

Intersects qtz

DEPTH M | LIFTS | 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

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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 (■ > 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

530
531
532
533
534
535
536
537
538
539
540

5303 — 5330 — 5349 — 5370

Tm-rich qtz veins

Large Bi

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 | INTERVAL DEPTH M

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DEPTH M	LIFTS	LOSS	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
540–541				q.p	
541–542		0	.8 ∠ 28	q.f.p / q.p	relatively fresh q.f.p.
542–543	542.0			q.f.p	Unaltered q.f.p.
543–544		0	2.7 ∠ 63		dissipated q.v. c̄ bulk min.
544–545				q.p	
545–546	545.0			q.f.p	
546–547					
547–548		0	4.7 ∠ 25		
548–549	548.0		.7 ∠ 32	q.p	very dissipated q.v c̄ WO_3
549–550			1.3 ∠ 19		

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, grey-green); 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

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DEPTH M	LIFTS	LOSS	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
550–551		0		q.f.p	
551–552	551.0		2-3 / 81; -8 / 11		
552–553		0.1		q.p	vague disipated q.v & Mo two throughout q.p
553–554	554.0				
554–555			2-7 / 22	q.p	
555–556		0.05			
556–557	557.0		-8 / 11	q.p	
557–558					
558–559		0		q.p	
559–560	560.0		1-3 / 19; 2-1 / 68		

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Form columns: INTERVAL (DEPTH M) · CORE RECOVERY (LIFTS, LOSS) · ROCK TYPE (QP, QFP, UB, VB, VT, LST, SS, SH, CH, L) · COLOUR (BLACK, WHITE, GREY / orange, 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%

Rock type: QP (560–570) · Colour: GREY · Grain size: FINE

DEPTH M	LIFTS	LOSS	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
560–561	560.0		5.6 \13; 3.54 \19		
561–562		0		9P	
562–563			1.8 \17		562.5 : pale green sericite?
563–564	563.0				
564–565		0.1		9.P	
565–566					
566–567	566.0			9P	
567–568		0.1	2.1 \17		
568–569				9P	
569–570	569.0			9.P	

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Depth M	Lifts	Loss	Vein Loc. & Thick.	Plotting Symbols	Remarks
570		0·1	2·7 x 57	q.p	
571				q.fp	
572	572,0			q.p	572,5 red carb-WO3 V 573,0
573		0·1	6 / 81	Si	extremely strong silic alt. starts here. ∢ 31°
				q.p	573,7 q.v cutting sil alt.
574				Si	574,1 possible carb alt. after grey. sericite?
575	575,0				
576		0	9/22		
577				Si	cloudy topaz? in qt. [T.S.] 577,4
578	578,0	0	4·7/40		
579	579,3			Si	
580		0·1			580,0

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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, orange-grey) · 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
580–581	581.0		44 X 46	q-p	580.0
581–582				q-p	
582–583		0		qp	
583–584	584.0			qf-p	
584–585					
585–586		+0.2		qp	
586–587	587.0				
587–588				q-p	
588–589		0	.9 X 40		Biotite? in q.v
589–590	590.0		-? X 48	qfp	589.0 [T.S]

CLEVELAND TIN LTD.

FOLEY'S ZONE GEOLOGICAL LOG

HOLE N° 1633 | BY | DATE | PAGE | OF

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

Column groups: INTERVAL (DEPTH M) | CORE RECOVERY (LIFTS, LOSS) | ROCK TYPE (OP, OFP, UB, VB, VT, LST, SS, SH, CH, L) | COLOUR (BLACK, WHITE, GREY / orange, 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 PY, CASS., WO, MO, BI) | VEIN DENSITY % | PLOTTING SYMBOLS | REMARKS | INTERVAL (DEPTH M)

DEPTH M	LIFTS	LOSS	FAULT LOCATION & THICKNESS	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
590–591	590.0					milky white irregular ^xls in q.v. (topaz?) [T.S]
591–592		0.1		4 ⟋ 68	9.D	Min wo3-qv cutting tm-rich vein.
592–593						
593–594	593.0				9.P	
594–595		0				
595–596				3-2 ⟋ 68	9.P	
596–597	596.0					
597–598		0.1			9.P	
598–599				3-2 ⟋ 49		
599–600	599.0		4.19 thin shear c̄ slicks		9.P	

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

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

CLEVELAND TIN LTD.

FOLEY'S ZONE GEOLOGICAL LOG

HOLE N° 1633

BY

DATE

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OF

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 (■ > 50%, ⊠ 20-50%, ▥ 5-20%, ▭ 1-5%, □ < 1%): SiO2, Chl, Tm, Ser, Philg, 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

600
601
602
603
604
605
606
607
608
609
610

LIFTS: 0 | LOSS: 602.0 | 604.0 | 605.0 | 608.0

PLOTTING SYMBOLS: 9P, 9P, 9P, 9P, 9P, 9P, 9P

REMARKS: 600.5; spk? in 9P; 602.0; [604.6 - Brk? in some matrix T.S.]; possible sph. in V. white mic? on margin of vein

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 | INTERVAL DEPTH M

CLEVELAND TIN LTD.

FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633

BY | DATE | PAGE | OF

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 · INTERVAL (DEPTH M)

DEPTH M	LIFTS	LOSS	ROCK TYPE	COLOUR	GRAIN SIZE	VEIN LOC. & THICK.	PLOTTING SYMBOLS	REMARKS
610			QP	Grey (brown)	Fine			
611	611.0		QP	Grey	Fine	1.3 30; 1.6 18	9-p	
612	611.6; 611.8	0; 0	QP	Grey	Fine	10.5 68; 2.8 20		610–616 m milky white breccia vein bands
613		0.1	QP	Grey	Fine		9-p	618– 621m.
614	614.0		QP	Grey	Fine	1.3 19; .6 19		
615			QP	Grey	Fine	.5 9		
616		0.2	QP	Grey	Fine		9-p	obscure qz-breccia vein (necklace texture) 615.3 m
617	617.0		QP	Grey	Fine	11 58		
618			QP	Grey	Fine	1.6 13	9-p	
619		0	QP	Grey	Fine	5.6 22; .8 5; .2 62		Asp. v (2mm) cutting q-WO3-v.
620	620.0		QFP	Grey	Fine		9.f.p	

(Alteration, country-rock sulphide and vein mineralogy columns carry handwritten tick, dot and shading marks for each interval.)

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE N° 1633

BY

DATE

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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 (■ > 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

620

621

622 — −0.05

623 — 623.0

624

625 — −0.1

626 — 626.0

627

628 — 0

629 — 629.0

630

Altered topaz? 620.1 T.S. or remnant fr blebs?

qp

qfp

qfp

qfp

?p

white carbonate? in veins

DEPTH M | INTERVAL | 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 | DEPTH M

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE N° 1633 | BY | PAGE | DATE | OF

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 (■ > 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

DEPTH M	LIFTS	LOSS	REMARKS
630			
631		-0.05	milky qtz-a in q-v 630.6m
632	632.0		sph in q-v ?
633			
			633.2
634		-0.1	
635	635.0		
636	635.9	-0.05	
637		-0.1	
638	638.0		possible vague relict qtz phenos (q-p) in wk qtz matrix at 637.9m
639			
640		0	Large qi 639.7

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

CLEVELAND TIN LTD.

FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633

BY | PAGE
DATE | OF

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

Form 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 · INTERVAL (DEPTH M)

DEPTH M	LIFTS	LOSS	PLOTTING SYMBOLS	REMARKS
640–641	641.0	0		
641–642				
642–643		0	Si	
643–644	644.0			
644–645			Si	644,5 - alt^d brown mica? radiating aggregates
645–646		–0.05		soft lemon-yellow alt^n 645m (carb? clay?) [T.S]
646–647	647.0		Si	obscure pale yellow min. 646,5 [T.S]
647–648		0		
648–649	648.5		Si	
649–650	650.0	0		

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FOLEY'S ZONE GEOLOGICAL LOG

HOLE Nº 1633

BY | DATE | PAGE | OF

DEPTH M	CORE RECOVERY: LIFTS	CORE RECOVERY: 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	0·2		
	656,8		Si	
657		0		broken zone c white coating on fractures
658	657,8			

E.O.H.
657,8
(At long last)

Printed column headings: INTERVAL · 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 · DEPTH M · INTERVAL

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

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 10.11.81
COMPILED BY: H. FRANKS
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	FOLEY'S	20/22			380·0	382·5	2·5		0·01	<0·01	<0·01	0·065	0·015	0·005	1·55	2·84
74						382·5	385·0			0·01	<0·01	<0·01	0·045	0·005	0·005	2·20	2·82
75						385·0	387·5			0·01	<0·01	<0·01	0·045	0·005	0·020	4·05	2·85
76						387·5	390·0			<0·01	<0·01	<0·01	0·110	0·055	0·020	3·20	2·81
77						390·0	392·5			<0·01	<0·01	<0·01	0·110	0·025	0·025	0·65	2·84
78						392·5	395·0			0·01	<0·01	<0·01	0·040	<0·005	<0·005	2·25	2·81
79						395·0	397·5			0·01	<0·01	0·01	0·045	0·015	0·005	1·90	2·83
80						397·5	400·0			0·05	<0·01	0·01	0·085	0·045	0·015	3·70	2·85
81						400·0	402·5			0·01	<0·01	<0·01	0·280	0·070	0·070	4·10	2·85
82						402·5	405·0			<0·01	<0·01	0·01	0·155	0·060	0·010	2·15	2·83
83						405·0	407·5			0·02	<0·01	0·01	0·085	0·015	0·005	3·10	2·75
84						407·5	410·0			0·01	<0·01	0·01	0·060	0·010	0·010	3·10	2·85
85						410·0	412·6			<0·01	<0·01	<0·01	0·100	0·010	0·035	3·10	2·83
86						412·6	415·0			<0·01	<0·01	<0·01	0·035	0·020	0·005	3·45	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
90						422·5	425·0			0·01	<0·01	0·01	0·235	0·145	0·035	3·35	2·84
91						425·0	427·0			<0·01	<0·01	<0·01	0·060	0·010	0·020	2·20	2·82
92						427·0	430·0			<0·01	<0·01	<0·01	0·095	0·025	0·005	3·20	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: 87.11.8.
COMPILED BY: M. FRANKS
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.
302494	C1633	FOLEY'S	20/20			4385	4350	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
302500						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	0.080	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: EAGEN PAGE 3 OF
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo S2	%Bi	CaF2 %Zn	S.G.
302515	C1683	FOLEYS	20/22			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	0.055	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

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

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

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO_3	%Mo_2	%Bi	CaF_2 ~~%Zn~~	S.G
302536	C1633	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	"		003	<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						5800	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	0.96	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

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COST CODE 953C

COMPILATION DATE: 8-12-81
COMPILED BY: TCALLEN
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
302657	1633	Folio 9		8-12-81		590.0	592.5	2.5m		0.07	0.01	0.05	0.0100	0.010	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	0.05	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	0.190	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.G. Ackers
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	%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

SMITH PRINT

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

COST CODE 953C

COMPILATION DATE: 29-12-1981
COMPILED BY: M Hay
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	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		0.01	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	0.025	<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

SMITH PRINT

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

COMPILATION DATE: 8-1-1982
COMPILED BY: H. HALL PAGE 8 OF 8
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	S.G
302717	1633	FOLEY'S	2B/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	2·83
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	0·075	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.

SMITH PRINT

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

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

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	SG.
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	0·010	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	0·030	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	0·010	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	0·080	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	0·035	3·60	2·80
58						155·0	157·5	"		0·01		0·01	0·065	0·040	0·020	2·30	2·84

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

PRELIMINARY ASSAY REPORT

COMPILATION DATE: 15-1-1982
COMPILED BY: H. HAY
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	"		0·03		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		0·08	0·050	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	0·060	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.HAY
ASSAY DATES:
PAGE 11 OF 11

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 ~~%Zn~~	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	6·60	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	2·78
" 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

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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	CaF2 %~~Zn~~	SG
302801	~~FD~~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
" 14						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	0.015	0.020	3.30	2.86

SMITH PRINT

CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COST CODE: 953 C
COMPILATION DATE: 3.2.82
COMPILED BY: H. FRANKE
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.
3028 22	c1653	FOLEYS				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	2.80
25						322.5	325.0	"		0.01		0.01	0.190	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		0.01	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	2.80
36						350.0	352.5	"		0.04		0.01	0.330	0.030	0.040	5.10	2.84
37						352.5	355.0	"		0.03		0.01	0.125	0.020	0.025	3.55	2.83
38						355.0	357.5	"		<0.01		<0.01	0.295	0.035	0.040	2.30	2.81
39						357.5	360.0	"		<0.01		<0.01	0.055	<0.005	0.010	2.40	2.85
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. FRANKE
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.
302843	c1633	FOLEY'S	89	LIGHT		367.5	370.0	2.5		<0.01		<0.01	0.035	0.010	0.015	2.20	2.82
44						370.0	372.5	"		<0.01		<0.01	0.005	0.010	<0.005	2.35	2.81
45						372.5	375.0	"		<0.01		<0.01	0.185	0.050	0.025	2.85	2.82
46						375.0	377.5	"		<0.01		<0.01	0.085	0.045	0.020	1.50	2.82
47						377.5	380.0	"		<0.01		0.07	0.070	0.030	0.100	5.60	2.85

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°:- C1633 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°:- C1633 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 Nº:- 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		43.3	
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 N°:- 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				