REF NO 18587

C1608

CLEVELAND TIN — GEOLOGY DEPT.

HOLE Nº C1608

DRILL HOLE RECORD SHEET

Location: 2S L/Bay, Foley's Zone **Sect:** ....

Objective: Mo/W/Bi **Category:** M/E

Proposed Azimuth: 132° **Proposed Dip:** -47°

Survey P/U Azimuth: 132° 43' 24" **Survey P/U Dip:** -49° 22' 29"

Instrument Azimuth Correction Factor: ....

Collar Co-ords: 15340.650 **N.** 10788.617 **E.**

(1st Drilling - 120m)

Collar R.L.: 988.44 **Final Depth:** 208m

Drilled By: Philpott — N. Westcombe., W. Mollinson

Rig Type: M30 **Core Size:** BQ (NQ)

Second Drilling - 1/4/81 2nd Dr. - 9/4/81

Drilling Commenced: 25/2/81 **Drilling Completed:** 5/3/81

Survey Data				Interpolated Data		
Survey Inst.	Depth	Az.	Dip	Depth	Az.	Dip
Surv. P/U	0	132.75	-49.25	0	132.75	-49.25
Cam. NH	69	137mag	-48	12.5	133.2	-49
NH	120	140mag	-48	37.5	135	-48.5
NH	160	141.5	-47	62.5	136.5	-48.1
NH	208	135.5	-45.5	87.5	138	-48
				112.5	139.5	-48
				~~120~~	~~140~~	~~-48~~
				137.5	141	-47.5
				162.5	141.5	-47
				187.5	138.5	-46
				208	135.5	-45.5

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

COMPILATION DATE: 30/3/63
COMPILED BY: P. LALOR PAGE 1 OF
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	%Zn GaF2	AMDEL %CaF2
300201	C1608					0.0	2.0	2.0		0.03	<0.01	0.02	0.180	0.040	0.015	6.00	6.00
02						2.0	5.0	3.0		0.06	<0.01	0.03	0.050	<0.005	0.005	6.20	6.20
03						5.0	7.5	2.5		0.06	<0.01	0.02	0.245	0.065	0.015	3.20	3.20
04						7.5	10.0	2.5		0.05	<0.01	0.03	0.335	0.055	0.030	3.05	3.05
05						10.0	12.5	2.5		0.02	<0.01	0.02	0.210	0.025	0.025	2.65	2.65
06						12.5	15.0	2.5		0.02	<0.01	0.02	0.140	0.015	0.020	4.00	4.00
07						15.0	17.5	2.5		0.02	<0.01	0.02	0.855	0.010	0.015	3.55	3.55
08						17.5	20.0	2.5		0.18	<0.01	0.02	0.345	0.035	0.020	6.60	6.60
09						20.0	22.5	2.5		0.01	<0.01	0.01	0.250	0.035	0.010	3.15	3.15
10						22.5	25.0	2.5		0.01	<0.01	0.02	0.175	0.040	0.020	4.40	4.40
11						25.0	27.5	2.5		0.01	<0.01	0.01	0.175	0.030	0.015	2.30	2.30
12						27.5	30.0	2.5		0.03	<0.01	0.02	0.340	0.040	0.050	3.10	3.10
13						30.0	32.5	2.5		0.02	<0.01	0.03	0.305	0.030	0.075	6.80	6.80
14						32.5	35.0	2.5		0.01	<0.01	0.02	0.205	0.005	0.030	6.70	6.70
15						35.0	37.5	2.5		0.02	<0.01	0.05	0.600	0.030	0.060	3.90	3.90
16						37.5	40.0	2.5		0.02	<0.01	0.02	0.170	0.020	0.020	7.60	7.60
17						40.0	42.5	2.5		0.08	<0.01	0.02	0.445	0.035	0.070	9.80	9.80
18						42.5	45.0	2.5		0.04	<0.01	0.04	0.630	0.075	0.105	14.1	18.10
19						45.0	47.5	2.5		0.03	<0.01	0.03	0.450	0.015	0.055	20.5	20.50
20						47.5	50.0	2.5		0.02	<0.01	0.01	0.930	0.010	0.010	17.7	17.70
21						50.0	52.5	2.5		0.03	<0.01	0.02	0.220	0.005	0.025	24.5	24.50

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

COMPILATION DATE: 8/4/81
COMPILED BY: N.J. Hall PAGE 2 OF
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	∑	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	%Zn Ca F2	AMDEL %CaF2
300222	C1608	Foley's Zone	25 L/Bay	—		52.5	55	2.5	Quartz Veined S.S.	0.01	0.01	0.02.	0.165	0.015	0.010	21.0	21.0
23	"	"	"			55	57.5	"	"	0.02	<0.01	0.03	0.120	0.010	0.020	2.75	2.75
24	"	"	"			57.5	60	"	"	0.03	<0.01	0.02	0.200	0.015	0.010	2.45	2.45
25	"	"	"			60	62.5	"	"	0.02	<0.01	0.02.	0.075	0.005	0.020	2.80	2.80
26	"	"	"			62.5	65	"	"	0.05	0.01	0.04	0.560	0.095	0.045	7.80	7.80
27	"	"	"			65	67.5	"	"	0.04	<0.01	0.02.	0.170	0.020	0.020	2.95	2.95
28	"	"	"			67.5	70	"	"	0.02.	<0.01	0.08.	0.065	0.010	0.025	2.05	2.05
29	"	"	"			70	72.5	"	"	0.11	<0.01	0.03.	0.040	0.005	0.010	3.35	3.35
30	"	"	"			72.5	75	"	"	0.04	<0.01	0.04	0.045	<0.005	0.005	1.85	1.85
31	"	"	"			75	77.5	"	"	0.01	<0.01	0.02.	0.090.	0.010	0.015	1.80	1.80
32	"	"	"			77.5	80	"	"	0.05	0.01	0.04	0.060	0.005	0.015	1.45	1.45
33	"	"	"			80	82.5	"	"	0.08.	<0.01	0.04	0.330.	0.055	0.045	1.95	1.95
34	"	"	"			82.5	85	"	"	0.02	<0.01	0.02	0.065	0.005	0.010	2.00	2.00
300245	"	"	"			85	87.5	"	"	0.03	<0.01	0.02	0.110	0.010	0.020	2.20	2.20
46	"	"	"			87.5	90	"	"	0.02	<0.01	0.02	0.120.	0.010	0.025	2.20	2.20
47	"	"	"			90	92.5	"	"	0.03.	<0.01	0.10.	0.085.	0.010	0.020	2.30	2.30
300263	"	"	"			92.5	95	"	"	0.07	<0.01	0.03	0.495	0.025	0.065	3.10	3.10
64	"	"	"			95	97.5	"	"	0.10	<0.01	0.06.	0.090	0.005	0.015	4.30	4.30
65	"	"	"			97.5	100	"	"	0.05	<0.01	0.13	0.355	0.050	0.070	6.40	6.40
66	"	"	"			100	102.5	"	"	0.08	<0.01	0.09.	0.410	0.055	0.065	4.40	4.40
67	"	"	"			102.5	105	"	"	0.02	<0.01	0.02.	0.210	0.015	0.040	13.7	13.70

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

COMPILATION DATE: 15/4/81
COMPILED BY: P. Taylor PAGE 3 OF
ASSAY DATES:

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	∑	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	%Zn	AMDEL %CaF2
300289	C1608	Foley's Zone	From 25	—		105·0	107·5	2·5	Pegmatite Rock	0·02	<0.01	0·07	0·280	0·025	0·030		4·20
290						107·5	110·0		SS	0·03	<0.01	0·03	0·130	0·060	0·070		4·80
291						110·0	112·5			0·04	<0.01	0·02	0·150	0·055	0·175		9·10
292						112·5	115·0			0·07	<0.01	0·03	0·605	0·015	0·140		4·20
300 376						115·0	117·5			0·02	<0.01	0·05	0·100	0·025	0·060		4·10
377						117·5	120·0			0·02	<0.01	0·04	0·130	0·030	0·055		5·10
378						120·0	122·5			0·02	<0.01	0·03	0·050	0·010	0·030		4·10
379						122·5	125·0			0·03	<0.01	0·03	0·485	0·015	0·080		4·20
380						125·0	127·5			0·03	<0.01	0·02	0·090	0·110	0·075		4·30
300337						127·5	130·0			0·01	<0.01	0·02	0·085	0·015	0·025		2·85
338						130·0	132·5			0·04	<0.01	0·03	0·045	0·025	0·030		3·65
339						132·5	135·0			0·01	<0.01	0·02	0·075	0·010	0·015		2·75
340						135·0	137·5			0·04	<0.01	0·03	0·105	0·015	0·025		4·60
341						137·5	140·0			0·05	0·02	0·16	0·075	0·025	0·070		3·50
342						140·0	142·5			0·06	0·03	1·52	0·200	0·120	0·125		3·35
300351						142·5	145·0			0·11	<0.01	0·03	0·060	0·010	0·050		4·50
382						145·0	147·5			0·20	0·01	0·37	0·185	0·015	0·075		4·50
383						147·5	150·0			0·04	<0.01	0·04	0·175	0·010	0·020		5·60
300391						150·0	152·5			0·28	<0.01	0·39	0·095	0·020	0·040		3·55
92						152·5	155·0			0·29	0·13	0·62	0·175	0·010	0·035		5·40
93						155·0	157·5			0·03	<0.01	0·03	0·075	0·035	0·035		3·35

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CLEVELAND TIN - GEOLOGY DEPT.

SAMPLE ASSAY DATA

FINAL ASSAY REPORT

COMPILATION DATE: 21/4/81
COMPILED BY: P. Larson
ASSAY DATES: /

PAGE [ ] OF [ ]

SAMPLE NUMBER	D.D.H. NUMBER	FACE/STOPE LENS	LEVEL	DATE	Σ	FROM	TO	LENGTH	ROCK TYPE	%SnT	%SnS	%Cu	%WO3	%Mo	%Bi	%Zn	AMDEL %CaF2
300394	1608					157.5	160.0	2.5		0.03	<0.01	0.02	0.090	0.010	0.040		4.50
95						160.0	162.5	2.5		0.04	<0.01	0.02	0.185	0.010	0.060		4.80
96						162.5	165.0	2.5		0.07	<0.01	0.02	0.120	0.005	0.060		4.70
97						165.0	167.5	2.5		0.12	<0.01	0.03	0.115	0.005	0.040		6.20
98						167.5	170.0	2.5		0.05	<0.01	0.05	0.150	0.020	0.035		5.20
99						170.0	172.5	2.5		0.03	<0.01	0.02	0.205	0.020	0.075		5.40
400						172.5	175.0	2.5		0.04	<0.01	0.06	0.055	<0.005	0.010		4.20
01						175.0	177.5	2.5		0.04	<0.01	0.04	0.090	0.035	0.055		5.80
02						177.5	180.0	2.5		0.03	<0.01	0.05	0.035	<0.005	0.010		3.80
03						180.0	182.5	2.5		0.03	<0.01	0.03	0.165	0.010	0.040		5.20
04						182.5	185.0	2.5		0.02	<0.01	0.02	0.060	0.010	0.015		5.00
05						185.0	187.5	2.5		0.10	<0.01	0.03	0.120	0.005	0.025		4.10
06						187.5	190.0	2.5		0.04	<0.01	0.05	0.035	<0.005	0.010		3.00
07						190.0	192.5	2.5		0.03	<0.01	0.05	0.020	<0.005	0.005		2.20
08						192.5	195.0	2.5		0.02	<0.01	0.02	0.025	<0.005	0.005		3.00
09						195.0	197.5	2.5		0.02	<0.01	0.02	0.070	<0.005	0.020		3.80
10						197.5	200.0	2.5		0.03	<0.01	0.04	0.055	<0.005	0.015		4.00
11						200.0	202.5	2.5		0.02	<0.01	0.02	0.150	<0.005	0.025		4.90
12						202.5	205.0	2.5		0.02	<0.01	0.06	0.055	<0.005	0.025		4.20
13						205.0	208.0	3m		0.06	<0.01	0.08	0.065	<0.005	0.035		4.20
E.O.H.						208.0											

C1608 vein grades

	VEIN %	VEIN $\%WO_3$	VEIN % Mo	VEIN % Bi	Bi/Mo
0 – 2	21	0·9	0·19	0·07	0·4
2 – 5	8	0·6	–	0·06	–
5 – 7·5	21	1·2	0·31	0·07	0·2
7·5 – 10	17	2·0	0·32	0·18	0·5
10 – 12·5	7	3·0	0·36	0·36	1·0
12·5 – 15	15	0·9	0·10	0·13	1·3
15 – 17·5	28	3·1	0·04	0·05	1·5
17·5 – 20	13	2·7	0·27	0·15	0·6
20 – 22·5	11	2·3	0·32	0·09	0·3
22·5 – 25	20	0·9	0·20	0·10	0·5
25 – 27·5	8	2·2	0·38	0·19	0·5
27·5 – 30	9	3·8	0·44	0·56	1·3
30 – 32·5	12	2·5	0·25	0·63	2·5
32·5 – 35	6	3·4	0·08	0·50	6·0
35 – 37·5	6	10·0	0·50	1·00	2·0
37·5 – 40	11	1·6	0·18	0·18	1·0
40 – 42·5	23	1·9	0·15	0·30	2·0
42·5 – 45	14	4·5	0·54	0·75	1·4
45 – 47·5	31	1·5	0·05	0·18	3·7
47·5 – 50	8	11·6	0·13	0·13	1·0
50 – 52·5	6	3·7	0·08	0·42	5·0
52·5 – 55	4	4·1	0·38	0·25	0·7
55 – 57·5	7	1·7	0·14	0·29	2·0
57·5 – 60	19	1·1	0·08	0·05	0·7
60 – 62·5	8	0·9	0·06	0·25	4·0
62·5 – 65	20	2·8	0·48	0·23	0·5
65 – 67·5	12	1·4	0·17	0·17	1·0
67·5 – 70	9	0·7	0·11	0·28	2·5
70 – 72·5	15	0·3	0·03	0·07	2·0
72·5 – 75	6	0·8	–	0·08	–
75 – 77·5	2	4·5	0·50	0·75	1·5
77·5 – 80	6	1·0	0·08	0·25	3·0
80 – 82·5	23	1·4	0·24	0·20	0·8
82·5 – 85	5	1·3	0·10	0·20	2·0
85 – 87·5	11	1·0	0·09	0·18	2·0

C1608

	VEIN%	VEIN% WO_3	VEIN % Mo	VEIN % Bi	Bi/Mo
87.5 - 90	2	6.0	0.50	1.25	2.5
90 - 92.5	17	0.5	0.06	0.12	2.0
92.5 - 95	23	2.2	0.11	0.28	2.6
95 - 97.5	15	0.6	0.03	0.10	3.0
97.5 - 100	23	1.5	0.22	0.30	1.4
100 - 102.5	24	1.7	0.23	0.27	1.2
102.5 - 105	16	1.3	0.09	0.25	2.7
105 - 107.5	5	5.6	0.50	0.60	1.2
107.5 - 110	11	1.2	0.55	0.64	1.2
110 - 112.5	17	0.9	0.32	1.03	3.2
112.5 - 115	15	4.0	0.10	0.93	9.3
115 - 117.5	13	0.8	0.19	0.46	2.4
117.5 - 120	12	1.1	0.25	0.46	1.8
120 - 122.5	11	0.5	0.09	0.27	3.0
122.5 - 125	20	2.4	0.08	0.40	5.3
125 - 127.5	13	0.7	0.85	0.58	0.7
127.5 - 130	3	2.8	0.50	0.83	1.7
130 - 132.5	5	0.9	0.50	0.60	1.2
132.5 - 135	1	7.5	1.00	1.50	1.5
135 - 137.5	9	1.2	0.17	0.28	1.6
137.5 - 140	17	0.4	0.15	0.41	2.8
140 - 142.5	5	4.0	2.40	2.50	1.0
142.5 - 145	14	0.4	0.07	0.36	5.0
145 - 147.5	24	0.8	0.06	0.31	5.0
147.5 - 150	12	1.5	0.08	0.16	2.0
150 - 152.5	11	0.9	0.18	0.36	2.0
152.5 - 155	36	0.4	0.03	0.10	3.5
155 - 157.5	6	1.3	0.58	0.58	1.0
157.5 - 160	4	2.3			
160 - 162.5	15	1.2			
162.5 - 165	9	1.3			
165 - 167.5	18	0.6			
167.5 - 170	16	0.9			
170 - 172.5	20	1.0			

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	VEIN %	VEIN $\%WO_3$	VEIN % Mo	VEIN % Bi
172.5 - 175	5	1.1		
175 - 177.5	11	0.8		
177.5 - 180	5	0.7		
180 - 182.5	12	1.4		
182.5 - 185	5	1.2		
185 - 187.5	14	0.9		
187.5 - 190	4	0.9		
190 - 192.5	2	1.0		
192.5 - 195	1	2.5		
195 - 197.5	5	1.4		
197.5 - 200	6	0.9		
200 - 202.5	12	1.3		
202.5 - 205	7	0.8		
205 - 208	16	0.4		

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- 1608 MEASURED BY:- P. LALOR DATE:- 27-29-3-81

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%	
0.0	2.0	153	32	21	
2.0	5.0	250	20	8	
5.0	7.5	250	53	21	16
7.5	10.0	239	41	17	
10.0	12.5	209	14	7	
12.5	15.0	250	37	15	
15.0	17.5	250	70	28	16
17.5	20.0	220	28.5	13	
20.0	22.5	247	27	11	
22.5	25.0	250	50.5	20	
25.0	27.5	239	18.5	8	12
27.5	30.0	242	21.5	9	〃
30.0	32.5	223	27.5	12	〃
32.5	35.0	176	11	6	〃
35.0	37.5	247	15	6	9
37.5	40.0	250	27	11	〃
40.0	42.5	242	55.5	23	〃
42.5	45.0	215	31	14	〃
45.0	47.5	137	43	31	18
47.5	50.0	213	16	8	
50.0	52.5	249	16	6	
52.5	55.0	228	9	4	
55.0	57.5	244	17	7	9
57.5	60.0	245	47	19	
60.0	62.5	219	17.5	8	
62.5	65.0	228	45	20	
65.0	67.5	204	25	12	12
67.5	70.0	250	22	9	
70.0	72.5	250	37.5	15	
72.5	75.0	235	14.5	6	
75.0	77.5	244	5.5	2	7
77.5	80.0	236	13	6	
80.0	82.5	241	55	23	

FOLEY'S ZONE - VEIN DENSITY

HOLE N°:- 1608 MEASURED BY:- P LALOR DATE:- 29.3.81

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%	
82.5	85.0	244	12	5	
85.0	87.5	217	24	11	10
87.5	90.0	245	4	2	
90.0	92.5	241	41.5	17	
92.5	95.0	238	55.5	23	
95.0	97.5	239	35	15	19
97.5	100.0	241	55	23	
100.0	102.5	238	57	24	
102.5	105.0	220	36	16	
105.0	107.5	243	12	5	14
107.5	110.0	250	27.5	11	
110.0	112.5	212	36	17	
112.5	115.0	241	37	15	
115.0	117.5	250	33	13	14
117.5	120.0	232	27	12	
120.0	122.5	249	27	11	
122.5	125.0	238	48	20	
125.0	127.5	250	32	13	12
127.5	130.0	250	07.5	3	
130.0	132.5	246	12	5	
132.5	135.0	250	2	1	
135.0	137.5	250	21.5	9	8
137.5	140.0	235	41	17	
140.0	142.5	240	13	5	
142.5	145.0	203	28	14	
145.0	147.5	232	56	24	14
147.5	150.0	245	28.5	12	
150.0	152.5	248	27.0	11	
152.5	155.0	243	88	36	14
155.0	157.5	250	14.5	6	
157.5	160.0	245	10	4	
160.0	162.5	250	36.5	15	
162.5	165.0	246	22.5	9	

FOLEY'S ZONE - VEIN DENSITY

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HOLE N°:- C1608 MEASURED BY:- P Lalor DATE:- 10/4/87

FROM	TO	RECOVERY-cm	VEINS-cm	VEIN DENSITY-%	
165.0	167.5	242	42.5	18	14
167.5	170.0	250	40	16	
170.0	172.5	250	49	20	
172.5	175.0	250	13	5	
175.0	177.5	230	25.5	11	10
177.5	180.0	239	13	5	
180.0	182.5	250	29	12	
182.5	185.0	246	12	5	
185.0	187.5	248	34.5	14	9
187.5	190.0	250	9	4	
190.0	192.5	250	6	2	
192.5	195.0	247	2	1	
195.0	197.5	247	13	5	4
197.5	200.0	244	14	6	
200.0	202.5	250	31	12	
202.5	205.0	148	10	7	13
205.0	~~207.5~~ 208.0	~~247~~ 297	~~48.5~~	16	
207.5	208.0	50	0		