

73-0933 Vol 1 of 2

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B.M.I. MINING PTY. LTD.

ENDURANCE DRILLING PROGRAMME  
SOUTH MOUNT CAMERON TASMANIA

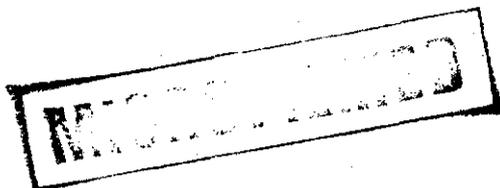
END OF PHASE 1

Feb. 1973

by

DR. J. C. STANDARD

Consulting Geologist



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## DRILLING PROGRAMME

### Object

The objects of Phase I drilling programme were to establish the exact location and values of tin bearing wash located in the area between the Blue Lake and the fault, which is located between lines 5W and 10W. The richer grade, but deeper wash, to the west of the fault will be the subject of Phase II of the drilling programme.

### Auger Drilling

An auger drilling programme involving some 200 drill holes was conducted in order to establish the approximate shape of the top of the granite bedrock underneath the sedimentary cover.

The holes were drilled at right angles to the projected channel trend on 100 ft. centres. The lines were spaced roughly 500 ft. apart.

A great deal of difficulty was encountered by the drillers in distinguishing between sediment, especially sandy clay, and decomposed granite bedrock. Because of this the results of the auger drilling were used only to get an approximate shape of the top of the granite. No assays were taken of this auger drilling.

The logs of this auger drilling programme are attached to this report as Appendix III. The location of the auger drill holes and the collar elevation of the drill holes is shown on Figure 1.

### Percussion Drilling

A total of 95 percussion holes were drilled in Phase I. These holes were drilled initially on 100 ft. centres at right angles to the direction of flow of the stream. It was found that this spacing was too wide to locate the maximum base of the channel, the gutter as the local miners call it, and holes were drilled on 50 ft. centres.

The interpretation of the results of this drilling are shown on the bedrock contour map (Figure 2) and the logs of the percussion drill holes are attached as Appendix I.

### Previous Mines Department Drilling

During 1968 and 1969 the Mines Department drilled a series of 30 percussion drill holes at the Endurance Mine and the logs of those holes which were used in this study are attached as Appendix II.

The drill holes which are located to the east of the fault have been replaced by B.M.I. drilling of Phase I of the current drilling programme and these Mines Department holes were not used. However, the Mines Department percussion drill holes to the west of the fault on line 10W represent the only assay data we have in this the richest part of the Endurance ore body. Additional drilling to verify the rich values found by the Mines Department and to extend the known values westward will be done in Phase II of the drilling programme.

The drilling shown on line 20W, except for holes P131, P132 and P133 which are B.M.I. holes, was done by the previous owners of the mine and not by the Mines Department. The only information known about these holes is the whole of hole value which has been given. No data is known as to the distribution of the tin values within the drill holes. The stated values of these holes will be tested by new drilling during the Phase II drilling programme.

The Mines Department drill logs are attached as Appendix II.

### ASSAYING

The holes were sampled on 5 ft. centres and these samples were sent to the Mines Department Laboratory in Launceston where they were assayed by the X.R.F. method to establish the Sn. content.

This assay was recalculated and the values quotes for each sample are expressed as ounces of SnO<sub>2</sub> (70% Sn.) per cubic yard.

The results of these assays are shown on: 1) the assay map (Figure 3) where the whole of hole value is given, 2) the cross sections in Figures 4 and 5 where the value of every sample taken is shown as well as the whole of hole value and 3) in Table 1 which also gives the whole of hole value.

GEOLOGY

The tin bearing Tertiary alluvial sediments at the Endurance Mine are located at the southern base of the Devonian Mount Cameron granite mass.

The granite mass is cut by several faults which trend N25°-30°W. The largest of these faults is located at the site of Clifton Creek. Another fault is visible on the air photos and passes through the drilling area between lines 5W and 10W.

This fault has divided the alluvial deposit into two markedly different types. The base of the tin bearing alluvial sediments on the west side of the fault is at an elevation of about 80 ft. while the base of the sediments on the east side of the fault is at an elevation of 130 ft.

The cross sectional shape of the channel on the west side of the fault has a pronounced U shape with the base of the channel being about 100 ft. wide and at least 70 ft. deeper than either side.

The shape of the channel east of the fault is much shallower and broader with the undulating to flat base of the channel system averaging 600-700 ft. wide. The depth of the base of the channel is only about 30 ft. deeper than either side.

East of the fault a narrow gutter between 50 and 100 ft. wide marks the maximum deepest part of the channel and it is along this gutter that the highest grade alluvial tin values are found.

The marked contrast of the shape of the channel on either side of the fault, the difference in elevation on either

side of the fault, with the west side being about 50 ft. deeper, and the richer grade alluvial tin values to the west of the fault can perhaps be explained as follows:-

1. The fault is pre-gravel in origin and the down thrown side is to the west of the fault plane.
2. The stream which deposited the gravel and tin was flowing to the west at the time of deposition.
3. The fault plane is the location of a waterfall which was about 50 ft. high at the time of deposition.
4. The alluvial tin was shed from the adjacent Mount Cameron granite mass and carried westward along the stream.
5. At the base of the waterfall a deep pool developed which acted as a natural trap for the alluvial tin. This would account for the abnormal thickness of tin bearing wash, up to 60 ft. thick, found by the Mines Department in the drilling of line 10W.

The above summary of the geological formation of the alluvial tin deposit agrees with the current drilling results in every respect except one and that is that the amount of drilling to date indicates that the stream to the west of the fault is flowing to the east. Additional drilling will probably solve this by locating deeper levels to the base of the channel west of the current drilling programme. The present apparent eastward flow of the stream may perhaps be that portion of the stream which is becoming shallower away from the deep scouring effect at the base of the waterfall.

If the above geological interpretation is correct then the bedrock contours will have to be modified near the fault. This can be done once the east-west row of holes P202-P209 which cross the fault (and waterfall) have been drilled.

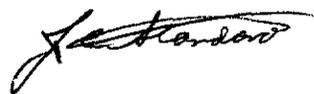
ORE DEPOSIT

The highest grade alluvial tin is restricted to the bottom portion of the alluvial deposit. The total thickness of alluvial sediments, in the tin bearing area, ranges in thickness from 80 to 176 ft. The top 60 ft. of alluvial material carries only minor amounts of tin and except for a few widely spaced holes was not sampled. The thickness of the basal tin bearing wash ranges in thickness from a foot or so up to about 60 ft. in line 10W.

The highest grade tin values are always located in the deepest part of the channel which is generally less than 100 ft. wide east of the fault and up to 400 ft. wide immediately west of the fault.

Tin bearing wash has been traced by drilling from the old workings at the Blue Lake westward to the fault between line 5W and 10W, a distance of 2,560 ft. and for an additional 1,650 ft. west of the fault to line 25W, the most westerly drilling in Phase I. It is anticipated that tin values will continue to be found in the channel to the west of the present drilled area.

All data from Phase I of the drilling programme has been submitted to the computer section of Blue Metal Industries and ore reserves for the area between the Blue Lake and the fault are being calculated.

  
DR. J. C. STANDARD  
Consulting Geologist.

## PERCUSSION DRILLING

END OF PHASE I DRILLING PROGRAMME - JAN. 1973

TABLE 1

HOLE NO.	DEPTH TO BASEMENT	SURFACE R.L.	BASEMENT R.L.	OZ. Sn.O <sub>2</sub> (70% Sn.)
P101R	100'	236.9	136.9	3.20
102	98'	237.0	139.0	0.45
103	100'	237.3	137.3	3.65
104	101'	238.4	137.4	0.45
105	102'	238.5	136.5	0.04
106R	105'	239.6	134.6	5.94
107R	101'	239.3	138.3	6.40
108	118'	241.7	123.7	0.0
109N.B.*	136'	241.1		0.26
110	81'	233.8	152.8	1.66
111R	90'	233.6	143.6	6.35
112R	86'	233.4	147.4	3.08
113R	95'	233.2	138.2	18.63
114R	91'	232.9	141.9	1.12
115R	88'	232.8	144.8	5.71
116	81'	235.9	154.9	0.41
117	86'	235.6	149.6	5.74
118	91'	235.7	144.7	14.29
119	90'	238.4	148.4	8.23
120R	95'	238.8	143.8	3.29
121R	96'	239.9	143.9	5.23
122R	96'	240.7	144.7	11.25
123R	172'	244.6	72.6	9.25
124R	121'	245.3	124.3	5.70
125	133'	252.2	119.2	0.10
126R	154'	251.2	97.2	3.60
127R	176'	253.8	77.8	10.38
128R	176'	256.4	80.4	2.75
129	165'	257.9	92.9	0.94
130	156'	259.1	103.1	0.88
131	139'	247.8	108.8	0.78
132R	156'	248.1	92.0	2.06
133R	166'	248.7	82.7	4.67
134	105'	242.4	137.4	1.30
135	116'	242.0	126.0	3.21
136	80'	235.8	155.8	0.00

N.B. \* Not bottomed

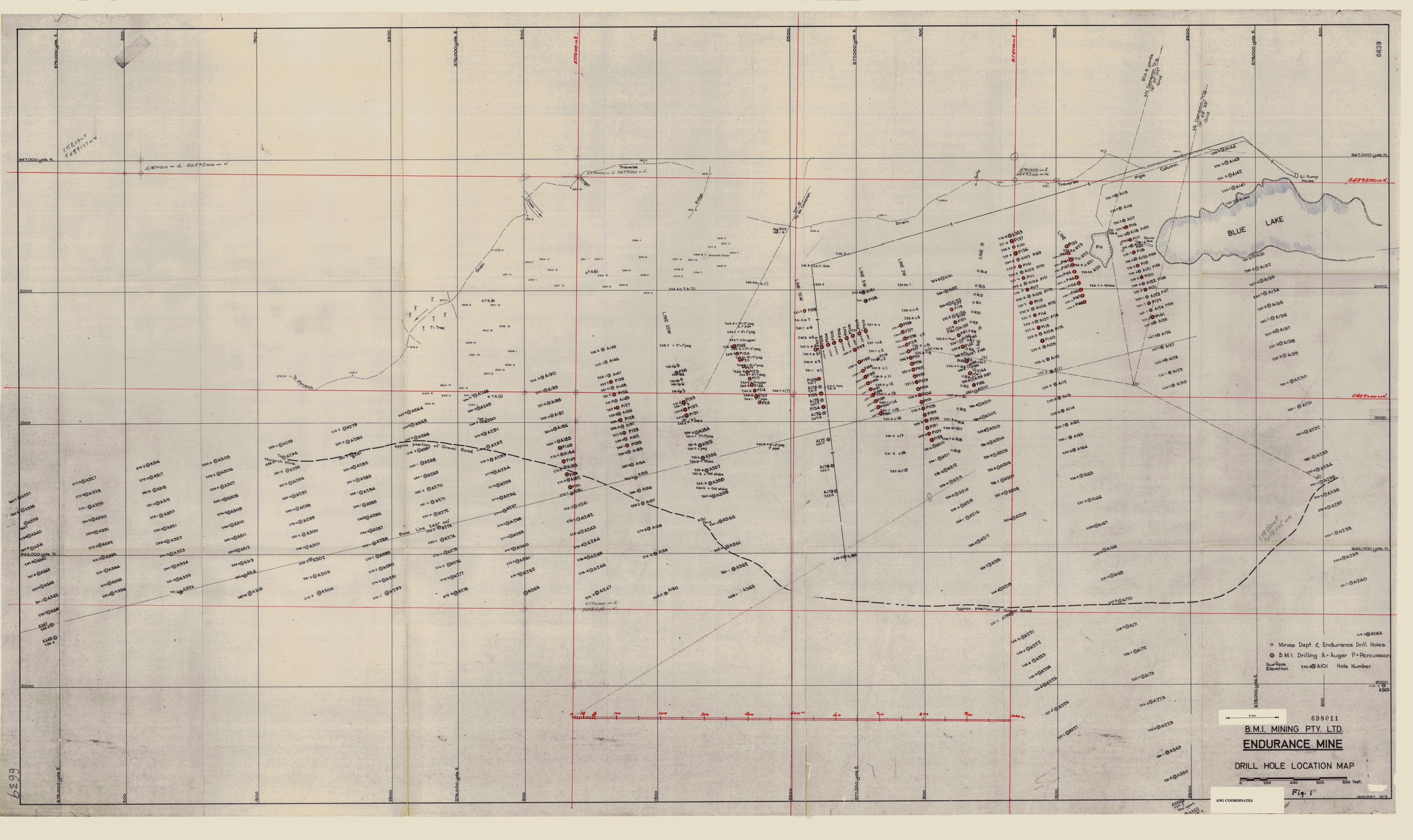
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2.

P137	75'	237.8	162.8	2.28
138R	92'	241.3	149.3	0.11
139	95'	239.0	144.0	0.27
140	89'	233.6	144.6	8.79
141	76'	241.5	165.5	0.31
142	90'	233.8	143.8	1.29
143	91'	234.7	143.7	2.83
144R	96'	234.9	138.9	2.11
152	85'	235.7	150.7	5.05
153	86'	235.4	149.4	13.46
154	107'	238.5	131.5	6.19
154	92'	238.5	146.5	5.69
155	88'	238.4	150.4	4.13
156R	86'	239.4	153.4	1.32
157R	90'	240.1	150.1	0.78
158R	73.5'	241.1	167.6	0.30
169	81'	234.8	153.8	2.03
170	85'	233.9	148.9	0.38
171	88'	233.4	145.4	9.94
172	86'	233.4	147.4	28.81
173	90'	232.9	142.9	1.01
174	91'	233.0	142.0	2.80
175	85'	233.8	148.8	1.58
177	86'	234.0	148.0	2.04
178	86'	234.2	148.2	13.31
179	86'	233.6	147.6	0.40
180	96'	233.7	137.7	24.10
181	94'	233.8	139.8	2.60
182	93'	233.9	140.9	0.85
183R	91'	234.1	143.1	0.67
184	93'	234.9	141.9	2.82
186	101'	235.3	134.3	3.73
187	90'	235.5	143.5	7.50
188	90'	235.8	145.8	3.56
189	86'	236.1	150.1	3.66
190	95'	239.0	144.0	0.76
192	105'	238.9	133.9	1.16
193	102'	238.6	136.6	2.05
194	110'	239.0	129.0	17.63
195	105'	239.9	134.4	4.85
196	105'	239.9	134.9	2.89
197	105'	240.1	135.1	0.87
198	106'	240.6	134.6	1.99

009

199	105'	240.4	135.4	2.43
200	105'	240.6	135.6	3.84
201	105'	240.8	135.8	0.69
207	111'	239.0	128.0	1.68
217	92'	236.2	144.2	0.58
218	97'	236.8	139.8	0.29
219	75'	242.0	167.0	0.19
220	73'	242.1	169.1	0.00
221	79'	233.5	154.5	0.37
222	65'	233.6	168.6	0.36
223	105'	238.4	133.4	0.64
224	95'	237.7	142.7	0.95
225	97'	237.1	140.1	0.46
226	103'	237.0	134.0	10.01
227	97'	236.9	139.9	0.30
228	94'	236.4	142.4	0.29
229	88'	236.3	148.3	0.49



578000 m E  
5459500 m N

5459500 m N

5459500 m N

578000 m E  
5459500 m N

578000 m E  
5459500 m N

○ Minz. Dept. & Endurance Drill Holes  
 ● B.M.I. Drilling A = Auger P = Percussion  
 Surface Elevation 236 @ A101 Hole Number.

5 cm

698011  
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 ENDURANCE MINE

DRILL HOLE LOCATION MAP

0 200 400 600 800 Feet.

Fig. 1

ANG COORDINATES

JANUARY 1973

6639

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**ENDURANCE MINE**  
 END OF PHASE 1 DRILLING PROGRAMME  
 BEDROCK CONTOUR MAP

MINES DEPT. & ENDURANCE DRILL HOLES  
 B.M.I. DRILLING: A = AUGER, P = PERCUSSION  
 Hole number  
 Depth to Granite Bedrock  
 Elevation of Granite Bedrock

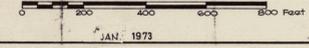


Fig. 2

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ANG COORDINATES



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**B.M.I. MINING PTY. LTD.**  
**ENDURANCE MINE**  
 PRECUSSION DRILLING  
 ASSAY MAP  
 END OF PHASE 1 DRILLING PROGRAMME

0 Miners Dept. & Endurance Drill Holes  
 B.M.I. Drilling A=Auger P=Percussion  
 5m.05 per cu. yd. 120 P101 Hole Number.  
 (7046 gm)

0 200 400 600 800 Feet.

**Fig. 3**

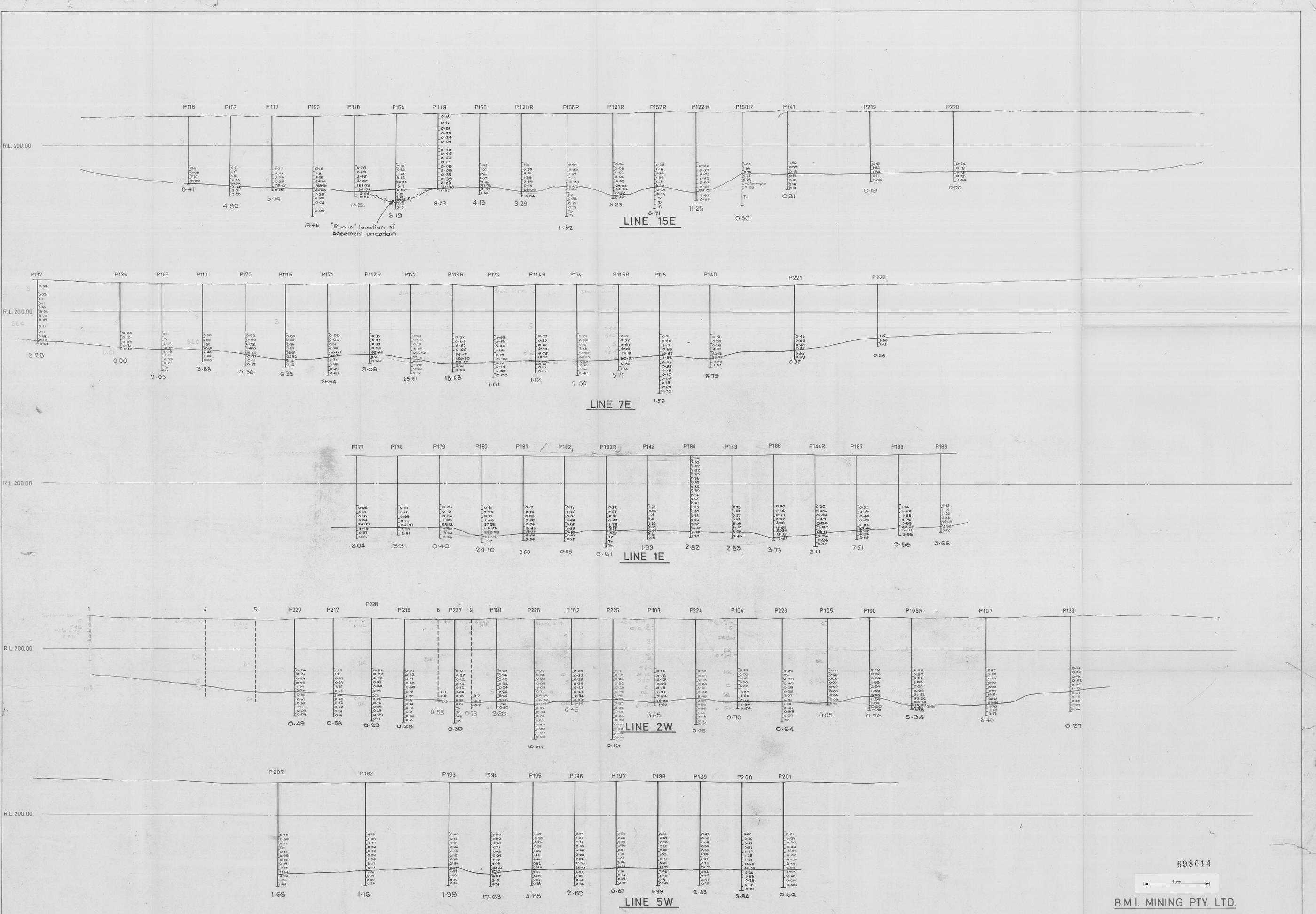
5 cm

ANG COORDINATES

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6641

JAN 1973



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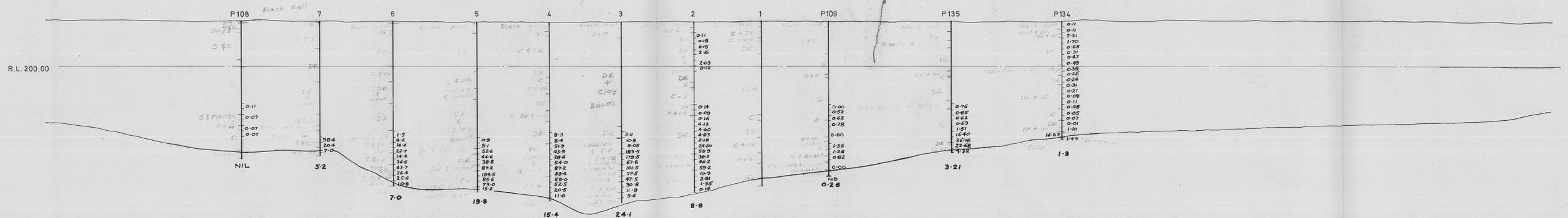
**B.M.I. MINING PTY. LTD.**  
**ENDURANCE MINE**

CROSS SECTIONS  
 SHEET 1

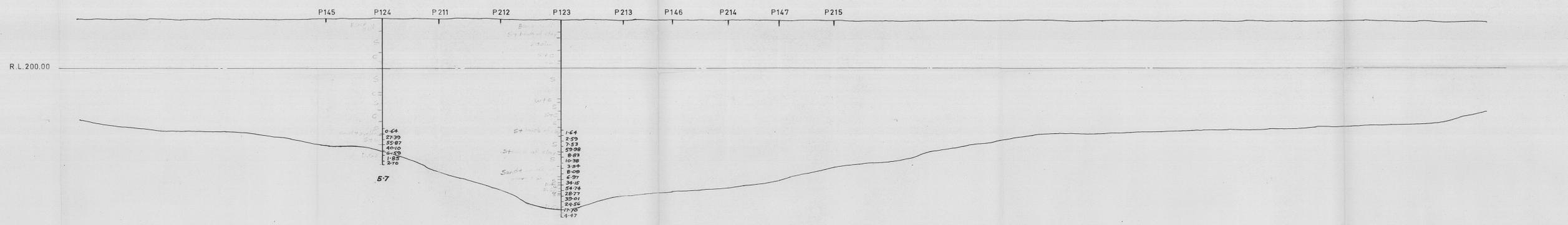
SCALE 1IN. TO 40 FT.  
 END OF PHASE 1 DRILLING PROGRAMME

6642

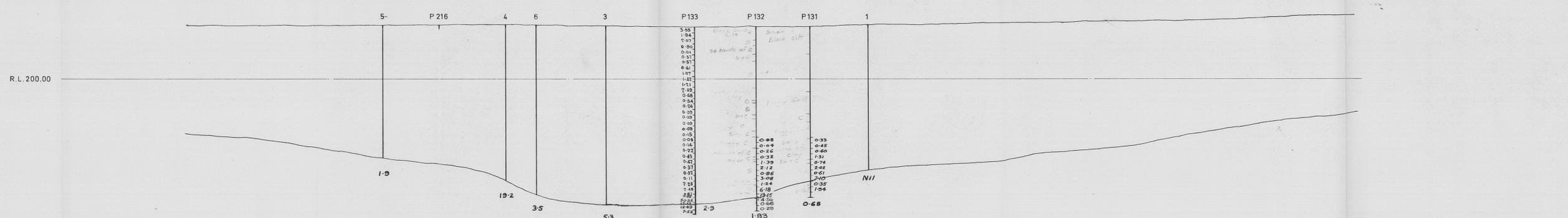
Fig. 4  
 JAN 1975



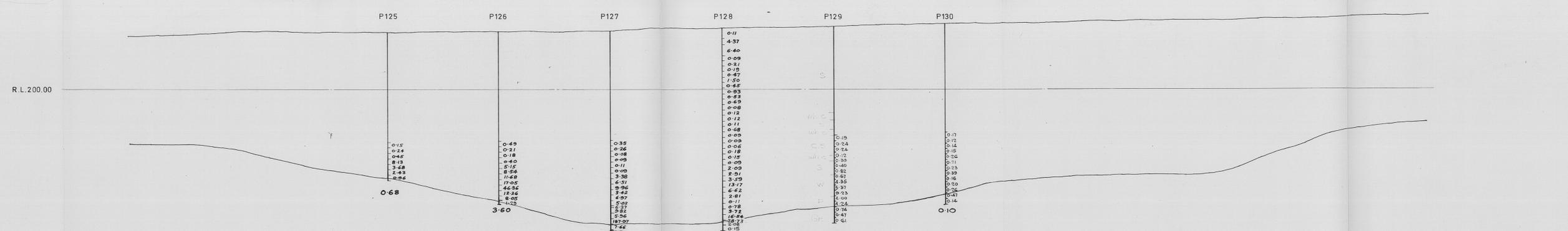
LINE 10W



LINE 15W



LINE 20W



LINE 25W

698015



B.M.I. MINING PTY. LTD.  
**ENDURANCE MINE**

CROSS SECTIONS  
 SHEET 2

SCALE 1IN TO 40 FT.  
 END OF PHASE 1 DRILLING PROGRAMME *Fig. 5*

6643

JANUARY 1973

010

APPENDIX I

PERCUSSION DRILL LOGS

B.M.I. MINING PTY. LIMITED — TASMANIA

698017

011

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 101

LINE No.: 15

SURFACE R.L.: 236.9

BASEMENT R.L.: 136.9

DATE: Sept. 1971 DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: E. King

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	8'								Black silt.	
8	26'								Free fine grey sand.	
26'	35'								Free coarse grey sand.	
35'	56'								Free coarse grey sand.	
56'	58'								Fine grey sands, bands of clay.	
60'	65'	E74	0.98	0.58	0.57	0.03	0.79		Fine sandy clay - grey.	
65'	70'	E75	0.82	0.55	0.55	0.03	0.76		Fine sand, puggy white clay.	
70'	75'	E76	0.44	0.29	0.29	0.01	0.40			
75'	80'	E77	0.51	0.28	0.28	0.01	0.34		Free Coarse sand - grey.	
80'	85'	E78	0.34	0.17	0.17	0.01	0.24			
85'	90'	E79	0.74	2.04	2.04	0.12	2.84		Coarse sand, bands of white clay.	
90'	95'	E80	1.27	7.89	6.06	0.37	8.44			
95'	100'	E81	1.37	7.31	5.21	0.32	7.26		Free coarse sand.	
100'	105'	E81	0.21	0.47)	0.76	0.05	1.31			
105'	109'	E82	0.36	0.29)	assumed over 1' interval				Decomposed granite	
100	105						0.65			
105	109						0.40			

Driller's Reported Basement at 100 feet.

Overall value from surface to 101 feet.

{ 0.04 lb./cu. yd. (Sn).  
3.20 oz./Cu yd (Cassiterite 70% Sn).

Basement 100'

B.M.I. MINING PTY. LIMITED — TASMANIA

698018

PERCUSSION DRILL LOG

012

AREA: Endurance

HOLE No.: P 102

LINE No.: 15

SURFACE R.L.: 237.0

BASEMENT R.L.: 139.0

DATE: Sept. 1971 DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER: J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	12'								Black silt.	
12'	25'								Fine sand.	
25'	33'								Fine sand - grey.	
33'	35'								Fine puggy clay - white.	
35'	38'								Fine sand - white.	
38'	47'								Fine sand and puggy clay - grey.	
47'	53'								Free coarse sand - grey.	
53'	59'								Coarse sand, bands of white clay.	
60'	65'	E84	0.75	0.21	0.21	0.01	0.29		59' - 68' Free coarse sand - grey.	
65'	70'	E85	0.76	0.23	0.23	0.01	0.32		68' - 70' Puggy clay - light brown	
70'	75'	E86	0.67	0.23	0.23	0.01	0.32			
75'	80'	E87	0.94	0.28	0.28	0.01	0.39		Free coarse sand - grey.	
80'	85'	E88	0.58	0.16	0.16	0.01	0.22			
85'	90'	E89	1.38	0.46	0.32	0.02	0.44		86' - 88' Coarse sand plus clay.	
90'	95'	E90	1.30	2.24	1.68	0.10	2.34		88' - 93' Free coarse sand - grey.	
95'	100'	E91	0.86	3.05	3.62	1.98	5.04		93' - 98' Coarse sand and bands of clay.	
100'	105'	E92	0.70	0.57					98' - 99' Decomposed granite with trace of wash.	
95	100						4.25		99' - 105' Decomposed granite.	
100	105						0.79			

Driller's Reported Basement at 98 feet.

Overall value from surface to 99 feet.

0.02 lb./cu. yd. (Sn).  
0.45 oz /Cu yd (Cassiterite 70% Sn)

Basement 98'

B.M.I. MINING PTY. LIMITED — TASMANIA

698019

013

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 103

LINE No.: 15

SURFACE R.L.: 237.3

BASEMENT R.L.: 137.3

DATE: Oct. 1971 DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	cu. ft.	Recovered gms.	Corrected gms.			
Surface	7								Black Silt	
7'	9'								Free coarse sand.	
9'	12'								Coarse sand trace of wash plus brown clay.	
12'	26'								Free coarse sand.	
26'	35'								Coarse sand with bands of grey clay.	
35'	42'								Free coarse sand.	
42'	43 1/2'								Hard puggy clay.	
43'	51'								Fine grey sand.	
60'	65'	E93	0.51	0.33	0.33	0.02	0.46		52' - 65' Fine sand with bands of grey clay.	
65'	70'	E94	0.56	0.13	0.13	0.01	0.18		65' - 69' Drift and puggy white clay	
70'	75'	E95	0.74	0.14	0.14	0.01	0.19		Coarse sand with puggy white clay.	
75'	80'	E96	0.71	0.38	0.38	0.02	0.53			
80'	85'	E97	0.46	0.13	0.13	0.01	0.18		80' - 82' Hard brown clay.	
85'	90'	E98	1.10	1.56	1.38	0.08	1.92		82' - 87' Hard white clay.	
90'	95'	E99	0.74	5.63	5.63	0.34	7.84		87' - 92' Drift - trace of sand.	
95'	100'	E100	0.72	10.92	10.92	0.66	15.22		93' - 96' Grey drift 96'-97' Hard brown clay, trace of wash	
100'	105'	E101	0.27	1.20	*1.20	0.36	1.67		97'-100' hard brown clay.	
						*assumed over 1' interval			100'-102' Decomposed granite - light brown.	
									102'-105' Decomposed granite - pale green.	

Driller's Reported Basement at 100 feet.

Overall value from surface to 101 feet. { 0.06 lb./cu. yd. (Sn).  
3.65 oz./Cu. yd. (Cassiterite 70% Sn).

*Basement  
100'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698020

01A

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 104

LINE No.: 15

SURFACE R.L.: 238.4

BASEMENT R.L.: ~~134.4~~

137.4

DATE: Sept. 71

DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER R. Burr

SAMPLE WASHER:

OUR SUPERVISOR:

R. Hyde

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	3								Top soil	
3	7								Brown clay and silt	
7	14								Coarse sand	
14	30								Drift, light wash.	
30	43								Drift.	
43	45								Grey clay and drift.	
45	60								Drift.	
60	65	E28	1.10	-					)	
65	70	E29	0.65	-					)	
70	75	E30	0.71	-					)	Drift.
75	80	E31	0.74	-					)	
80	85	E32	0.81	-					)	Silted clay
85	90	E33	0.76	0.88	0.88	0.05	1.20		)	
90	95	E34	0.70	2.60	2.60	0.15	3.60		)	To 99' drift.
95	100	E35	0.77	4.40	4.40	0.26	6.10		)	
100	105	E36	0.81	1.32	<del>1.71</del>	<del>0.13</del>	<del>2.38</del>	1.54		99' - 104' grey clay and drift.
105	109	E37	0.60	0.39				0.54		104' - 110' Decomposed granite

Bottom 101'

Feb 24. 1972

Driller's Reported Basement at 104 feet.

Overall value from surface to 105 feet. { 0.02 lb./cu. yd. (Sn).  
0.45 oz /Cu yd (Cassiterite 70% Sn)

Basement 101'

B.M.I. MINING PTY. LIMITED — TASMANIA

698021

015

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 105

LINE No.: 15

SURFACE R.L.: 238.5

BASEMENT R.L.: 136.5

DATE: Sept. 71

DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER R. Burr

SAMPLE WASHER:

OUR SUPERVISOR: R. Hyde

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	3'								Top soil	
	3'								Brown clay	
	8'								Coarse sand.	
	8'								Heavy drift.	
	13'								Grey clay and drift.	
	13'								Heavy drift.	
	40'									
	40'									
	42'									
	42'									
	60'	E10	0.75	-	-	-	-			
	65'	E11	0.94	-	-	-	-			
	70'	E12	0.86	-	-	-	-			
	75'	E13	0.92	-	-	-	-			
	80'	E14	0.81	-	-	-	-			
	85'	E15	0.84	-	-	-	-			
	90'	E16	0.75	0.62	0.62	0.03	0.04			
	95'	E17	0.88	-	-	-	-			
	100'	E18	0.97	-	-	-	-			
	100'									
	105'									

Driller's Reported Basement at 102 feet.

Overall value from surface to 103 feet. { 0.002 lb./cu. yd. (Sn).  
0.04 oz./Cu yd (Cassiterite 70% Sn).

Basement 102

B.M.I. MINING PTY. LIMITED -- TASMANIA

698022

016

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 106

LINE No.: 15

SURFACE R.L.: 239.6

BASEMENT R.L.:

134.6  
~~139.1~~

DATE: Aug. 71 DRILLING CO.: W.L. Sides RIG No.: R 23 DRILLER: R. Burr H. Stackpoole SAMPLE WASHER: OUR SUPERVISOR: R. Hyde CASING SHOE DIR. 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	3								Top Soil	
3	7								Brown Clay	
7	36								Heavy Drift.	
36	41								Grey Clay Drift.	
41	45								Drift.	
45	60									
60	65	E19	0.83	-	-	-	-			
65	70	E20	0.79	0.64	0.64	0.04	0.89		Heavy Drift.	
70	75	E21	0.93	-	-	-	-			
75	80	E22	0.85	1.40	1.40	0.08	1.95			
80	85	E23	0.94	-	-	-	-			
85	90	E24	1.07	2.89	2.63	0.15	3.66		80' - 93' Drift Wash	
90	95	E25	1.14	26.35	22.54	1.37	31.42		93' - 96' Fine Silt.	
95	100	E26	0.63	28.15	28.15	1.71	39.24		96' - 100' Drift Wash	
100	103	E27	0.95	17.60	17.60	10.71	24.54		Reported decomposed granite.	
100	105	E383	0.42	10.04	10.04	0.90	13.99		Light wash - gravel. Redrilled started.	
105	106	E384	0.10	2.81	2.81	1.24	3.91			
106	110	E385	0.57	3.46	3.46	0.31	4.82		106' - 110' Decomposed granite.	

Driller's Reported Basement at 106 feet.

Overall value from surface to 110 feet. { 0.29 lb./cu. yd. (Sn).  
6.77 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 105'  
105' 0.24 lbsn/cu.yd.  
5.59 oz SnO<sub>2</sub> (70% Sn)/cu.yd.

B.M.I. MINING PTY. LIMITED — TASMANIA

698023

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 107

LINE No.: 15

SURFACE R.L.: 239.3

BASEMENT R.L.: 138.3

DIT

DATE: Aug 71 DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER Burr Stackpoole

SAMPLE WASHER:

OUR SUPERVISOR: R. Hyde

CASING 6 3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	2								Top Soil	
2	12								Grey Clay and Drift.	
12	14								Silt and Sand	
14	30								Heavy drift and light wash.	
30	43								Heavy Drift.	
43	50								Grey Clay and Drift.	
50	60								)	
60	65	E1	0.94						)	
65	70	E2	0.87						)	
70	75	E3	0.95						) To 93' heavy drift, bands of clay.	
75	80	E4	1.04						)	
80	85	E5	0.82						)	
85	90	E6	0.91						)	
90	95	E7	1.10	13.6	12.06	0.73	16.81		) 93' - 95' Wash - drift.	
95	100	E8	1.07	64.7	58.98	3.59	82.21		) Wash and drift.	
100	105	E9	1.21	26.2	21.12	6.40	29.44		) Incorrectly termed decomposed granite.	
100	105	E386	0.39	2.01	2.01	0.18	2.80		) 100'-104' Gravel and light wash - redrill started.	
105	109	E387	0.11	1.23	1.23	0.11	1.71		) 104' - 109' Decomposed Granite.	

Driller's Reported Basement at 105 feet.

Overall value from surface to

~~105~~ 101 feet. { 0.28 lb./cu. yd. (Sn).  
6.4 oz./Cu. yd. (Cassiterite 70% Sn).

*Basement 101'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698024

018

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 108

LINE No.: 16

SURFACE R.L.: 241.7 Est.

BASEMENT R.L.: 123.7

DATE: Sept. 71

DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR:

E. King

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	2								Silt.	
2	6								Coarse sand with bands of clay (brown)	
6	9								Black silty sand.	
9	32								Coarse sand and clay - grey.	
32	35								Fine sand - grey clay.	
35	40								Free coarse grey sand.	
40	47								Free coarse brown sand	
47	54								Fine brown silty sand.	
54	60								Free coarse brown sand	
60	75								Free coarse brown sand	
75	80	E38	0.91	0.08	0.08	0.001	0.11		Free coarse brown sand.	
80	85	E39	0.58	-	-	-	-		Free coarse brown sand.	
85	90	E40	1.24	0.05	0.05	0.001	0.07		Free coarse brown sand and Pyrites.	
90	95	E41	0.82	-	-	-	-		Free coarse brown sand.	
95	100	E42	0.97	0.05	0.05	0.001	0.07		To 99' Free coarse sand and wash.	
100	105	E43	0.43	0.06	0.06	0.001	0.07		99' - 108' light brown puggy clay.	
105	110	E44	0.28	-	-	-	-			
110	115	E45	0.72	-	-	-	-		108'-118' light brown puggy clay.	
115	120	E46	1.07	-	-	-	-		118' - 125' Decomposed granite	

120 125 E47 0.74 -  
Driller's Reported Basement at 118 feet.

Overall value from surface to 119 feet. {  
0.0 lb./cu. yd. (Sn).  
0.0 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 118'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 109

LINE No.: 16

SURFACE R.L.: 241.1

BASEMENT R.L.: ~~105.1~~

*Not Bottomed.*

019

DATE: Sept. 71

DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER A. Watson.

SAMPLE WASHER:

OUR SUPERVISOR: R. Hyde.

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	5								Black slime.	
5	11								Silty sandy light grey clay.	
11	29								Free fine sand and grey clay.	
29	35								Free coarse grey sand.	
35	48								Coarse free grey sand.	
48	51								Sandy clay.	
51	71								Free coarse sand.	
71	75								Free coarse sand.	
75	80	E48	0.80	-	-	-	-		Free coarse grey sand.	
80	85	E49	0.36	0.38	1.38	0.02	0.52			
85	90	E50	0.75	0.45	0.45	0.02	0.62		85-86 Free fine grey sand. 86-89 Free coarse grey sand. 89-90 clay.	
90	95	E51	0.67	0.56	0.56	0.03	0.78			
95	100	E52	0.76	-	-	-	-		Free coarse grey sand.	
100	105	E53	0.64	-	-	-	-			
105	110	E54	0.65	-	-	-	-		105-109 Free sand and small wash stone.	
110	115	E55	0.64	2.26	2.26	0.13	1.36		109-114 Free sand & pyrites. 114-116 Puggy brown clay.	
115	120	E56	0.78	0.92	0.92	0.05	1.28		116-128 Puggy clay and coarse quartz.	
120	125	E57	0.84	0.59	0.59	0.03	0.82			
125	130	E58	1.17	-	-	-	-			

Driller's Reported Basement at

feet.

PAGE 1.

/cont.

Overall value from surface to

feet.

lb./cu. yd. (Sn.).

oz./Cu. yd. (Cassiterite 70% Sn.).

B.M.I. MINING PTY. LIMITED — TASMANIA

698026

020

PERCUSSION DRILL LOG

AREA :

HOLE No. : P 109 Cont. LINE No. : 16

SURFACE R.L. :

BASEMENT R.L. :

DATE : DRILLING CO. : RIG No. : DRILLER : SAMPLE WASHER : OUR SUPERVISOR : CASING SHOE DIA. *6 3/4*

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface										
130	135	E59	1.62	-	-	-	-		128-135 Puggy clay, coarse quartz, Pyrites white.	
135	140	E60	1.22	-	-	-	-		135-136 Puggy clay, coarse quartz, light green. 136 - 140 Decomposed granite Green/grey.	

Driller's Reported Basement at 136 feet.

Overall value from surface to 137 feet. { 0.01 lb./cu. yd. (Sn).  
0.26 oz./Cu. yd. (Cassiterite 70% Sn).

~~Not Bottomed~~  
~~Basement 7 3/4'~~  
Hole Not Bottomed.

B.M.I. MINING PTY. LIMITED — TASMANIA

698027

022

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 110

LINE No.: 13

SURFACE R.L.: 233.8

BASEMENT R.L.: ~~143.8~~ 152.8

DATE: Sept. 71 DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER R. Burr

SAMPLE WASHER:

OUR SUPERVISOR:

R. Hyde.

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	3								Top soil	
3	8								Fine silt.	
8	40								Dark brown sand.	
40	55								Sand and pyrites - very hard.	
55	60									
60	65	E61	0.87				0.00		Dark brown clay and sand.	
65	70	E62	1.14				0.00			
70	75	E63	0.97	1.10	1.1	0.06	1.5		70 - 82 Brown clay and sand.	
75	80	E64	0.68	15.0	15.0	0.91	20.91		82 - 84 Sand.	
80	85	E65	0.56	3.2	3.2	0.19	4.4		84 - 85 Light wash.	
85	90	E66	0.74	-	-	-	-		85 - 88 drift. 88 - 90 light wash.	
90	95	E67	0.67	-	-	-	-		Decomposed granite.	
				19.30						

Driller's Reported Basement at 90 feet.

Overall value from surface to

81  
81'

feet.

0.06 lb./cu. yd. (Sn.).

~~5.88~~ oz./Cu. yd. (Cassiterite 70% Sn).

1.66

Basement 81'

B.M.I. MINING PTY. LIMITED — TASMANIA

698028

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 111

LINE No.: 13

SURFACE R.L.: 233.6

BASEMENT R.L.: ~~147.1~~ 143.6

DATE: Sept. 71 DRILLING CO.: W.L. Sides

RIG No.: R. 23

DRILLER R. Burr

SAMPLE WASHER:

OUR SUPERVISOR: E. King.

CASING SHOE DIA. 6 1/2

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface										
4	8								Brown clay.	
8	35								Fine silt.	
35	60								Fine sand.	
60	65	E68	0.82	-	-	-	-		Coarse sand.	
65	70	E69	0.89	-	-	-	-		Brown clay sand.	
70	75	E70	0.92	1.70	1.70	0.10	2.36			
75	80	E71	0.98	4.18	4.18	0.25	5.80		Brown clay sand.	
80	85	E72	1.37	25.33	25.33	1.54	35.31		Birds eye wash.	
85	90	E73	0.47	49.90	49.90	10.14	69.56			
<p>This hole has not been bottomed as final assay of 69.56oz./yd<sup>3</sup> shows that the granite has not been reached.</p>										

Driller's Reported Basement at 86' 6" feet.

Overall value from surface to 87' 6" feet. { 0.28 lb./cu. yd. (Sn).  
6.45 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 90'

Tel. 11/71 K.

B.M.I. MINING PTY. LIMITED — TASMANIA

698029

023

PERCUSSION DRILL LOG

AREA: **Endurance**

HOLE No.: **P 111 R** LINE No.: **12**

SURFACE RL: **233.6** BASEMENT RL: **143.6**

DATE: **Feb. 72** DRILLING CO.: **H. Stackpoole** RIG No.: DRILLER: **H. Stackpoole** SAMPLE WASHER: OUR SUPERVISOR: **T. Vaughan.** CASING SHOE DIA:

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface										
86	90								Wash	
90	95	E472	0.20	0.53	0.53	0.05	0.74			
95	100	E473	0.14	0.09	0.09	0.01	0.12		Decomposed granite.	

Driller's Reported Basement at **90** feet.

Overall value from surface to **90** feet { **0.27** lb/cu yd (Sn)  
**6.35** oz/Cu yd (Cassiterite 70% Sn)

*Basement 90'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698030

02A

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 112

LINE No.: 13

SURFACE R.L.: 233.2

BASEMENT R.L.: 143.2 <sup>147.4</sup>

DATE: Oct. 71

DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER R. Harmon.

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. <sup>6 3/4</sup>

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface										
60	65	E102	0.89	0.25	0.25	0.01	0.35		Fine sand and silt	
65	70	E103	0.88	0.31	0.31	0.01	0.43		Coarse sand.	
70	75	E104	0.45	0.24	0.24	0.01	0.33			
75	80	E105	0.46	0.67	0.67	0.04	0.93			
80	85	E106	0.81	30.46	30.46	1.85	42.46		Brown clay, coarse sand wash, white clay.	
85	90	E470	0.31	3.74	3.74	0.34	5.21			
90	95	E471	0.23	0.43	0.43	0.04	0.60			
<p>This hole has not been bottomed, as final assay of 42.46oz/yd<sup>3</sup> shows that granite has not been reached.</p>										

Driller's Reported Basement at 85 feet.

Overall value from surface to 86 feet. { 0.11 lb./cu. yd. (Sn).  
~~2.57~~ oz./Cu. yd. (Cassiterite 70% Sn).  
 3.08

Basement 86'

B.M.I. MINING PTY. LIMITED — TASMANIA

698031

025

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 113

LINE No.: 13

SURFACE R.L.: 233.2

BASEMENT R.L.: ~~143.2~~ 138.2

DATE: Sept. 71

DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER: R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/4

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	5								Silty clay.	
5	14								Black slime and coarse gravel.	
14	35								Free grey coarse sand.	
35	60									
60	65	E107	0.60	0.37	0.37	0.02	0.51		Free sand.	
65	70	E108	1.02	0.45	0.45	0.02	0.63		Free coarse sand.	
70	75	E109	0.67	0.41	0.41	0.02	0.57		Free sand and silt	
75	80	E110	0.89	4.05	4.05	0.24	5.65		Free sand and clay.	
80	85	E111	0.63	60.38	60.38	3.68	84.17		Free coarse sand wash.	
85	90	E112	0.77	107.63	107.63	6.55	150.03	150.30	Birds eye wash.	
90	95	E113	1.12	*80.80	80.80	21.45	98.09		Decomposed granite.	
				* assumed over 1 interval.						
				254.69						

Basement 95'

Driller's Reported Basement at 90 feet.

Overall value from surface to 95

0.81 lb./cu. yd. (Sn).  
~~0.78~~  
 17.82 oz./Cu. yd. (Cassiterite 70% Sn).  
 18.63

254.09  
 154  
 X 27  
 95 x 0.1957 = 18.63g  
 0.81 lb. Sn = 18.63g  
 Basement 95'

B.M.I. MINING PTY. LIMITED — TASMANIA

698032

028

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 114

LINE No.: P 114

SURFACE R.L.: 232.9

BASEMENT R.L.: ~~144.9~~ 141.9

DATE: Sept. 71 DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR: E. King

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	6									
6	9								Silty Clay	
9	20								Black Slime	
20	35								Coarse sand and silt - grey.	
35	60								" " " "	
60	65	E115	0.58	0.41	0.41	0.02	0.57		Coarse Free sand - grey.	
65	70	E116	0.60	0.27	0.27	0.01	0.37		)	
70	75	E117	0.57	0.22	0.22	0.01	0.31		)	
75	80	E118	1.01	1.89	1.82	0.11	2.54		) 35' - 82' Coarse free sand grey.	
80	85	E119	1.47	5.14	3.41	0.21	4.75		) 82' - 87' Coarse free sand and wash stone	
85	90	E120	0.50	7.30	9.05	0.92	12.61	10.17	) 87' - 88' Decomposed granite	
90	95	E121	1.40	1.75				1.70	) 88' - 98' Decomposed granite - green.	
Granite bottom at 91'										

Driller's Reported Basement at 88 feet.

Overall value from surface to 89 feet. 0.05 lb./cu. yd. (Sn.)  
 91 feet. 1.14 oz./Cu. yd. (Cassiterite 70% Sn.)  
 1.12

Basement 91'

B.M.I. MINING PTY. LIMITED — TASMANIA

698033

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 115

LINE No.: 13

SURFACE R.L.: 232.8

BASEMENT R.L.: ~~148.8~~

144.8

~~148.8~~

027

DATE: Sept. 71

DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER R Harmon

SAMPLE WASHER:

OUR SUPERVISOR: E. King

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	6								Silty clay - light brown	
	6								Black slime.	
	10								Black silt.	
	10								Free sand - grey.	
	14								Coarse free sand - brown.	
	14								Coarse sand - sand clay - Pyrites.	
	25								Coarse sand - silty clay - light brown	
	25								60-64 coarse gravel and light sandy clay.	
	45									
	45									
	48									
	48									
	60	E122	0.94	0.08	0.08	0.01	0.11			
	65	E123	1.04	0.44	0.41	0.02	0.57			
	70	E124	1.19	0.82	0.67	0.04	0.93			
	75	E125	0.64	6.48	6.48	0.39	9.03			
	80	E126	0.72	53.93	53.93	3.28	75.18			
	85	E127	1.44	*17.44	11.81	1.32	30.37			
				* assumed over 1' interval.						
									64-79 Coarse free sand.	
									79-84 Coarse free sand and wash stone - light brown.	
									84-94 Decomposed granite - grey.	
									This hole has not been bottomed as final assay of 30.37oz/yd <sup>3</sup> shows that granite has not been reached.	

Driller's Reported Basement at 84 feet.

Overall value from surface to

88

feet.

0.25 lb./cu. yd. (Sn).

5.71 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 88'

B.M.I. MINING PTY. LIMITED — TASMANIA

698034

028

PERCUSSION DRILL LOG

AREA: ENDURANCE

HOLE No.: P116

LINE No.: 12

SURFACE R.L.: 235.9

BASEMENT R.L.: <sup>154.9</sup>~~155.4~~

DATE: November 1971

DRILLING CO.: W.L. Sides

RIG No.: P23

DRILLER R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	21								Sand and grey silt.	
21	45								Sand and traces of hard brown silt.	
45	60								) Sand and traces of hard brown clay.	
60	65	E211	0.97	0.08	0.08	0.00	0.11		)	
65	70	E212	0.32	0.07	0.07	0.00	0.09		) Sand and loose brown silt.	
70	75	E213	0.63	5.29	5.29	0.32	7.37		)	
75	80	E214	0.77	19.35	19.35	1.18	26.99		Sand and hard brown clay.	
80	82	E215	0.34	4.83	4.83	0.14	6.73		80'6" - 82' decomposed granite.	

Driller's Reported Basement at 80'6" feet.

Overall value from surface to 81 feet { 0.02 lb./cu. yd. (Sn).  
0.41 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 81'

B.M.I. MINING PTY. LIMITED — TASMANIA

698035

023

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 117

LINE No.: 12

SURFACE R.L.: 235.6

BASEMENT R.L.:

149.6  
~~150.6~~

DATE: Oct. 71 DRILLING CO.: W.L. Sides

RIG No.: P 23

DRILLER R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	20								silt and sand.	
20	45								Brown silt and sand.	
45	50								Sand with a little hard silt.	
50	60									
60	65	E187	0.47	0.27	0.27	0.01	0.37		Coarse and fine sand.	
65	70	E188	0.42	0.65	0.65	0.04	0.91		Brown gravel and sand.	
70	75	E189	0.99	2.44	2.40	0.14	3.34			
75	80	E190	0.45	1.71	1.71	0.10	2.38		Course brown drift.	
80	85	E191	0.10	55.99	55.99	3.41	78.01			
85	90	E192	0.92	6.86	6.86	0.42	9.56		Decomposed granite.	

Bottom at 86'

Driller's Reported Basement at 85 feet.

Overall value from surface to

90  
86'

feet.

0.24 lb./cu. yd. (Sn.)  
~~5.48~~ oz./Cu. yd. (Cassiterite 70 % Sn.)  
5.74

Basement 86'

B.M.I. MINING PTY. LIMITED — TASMANIA

698036

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 118

LINE No.: 12

SURFACE R.L.: 235.7

BASEMENT R.L.: ~~150.7~~ 144.7

030

DATE: Oct. 71 DRILLING CO.: W.L. Sides RIG No.: P23 DRILLER R. Harmon SAMPLE WASHER: OUR SUPERVISOR: G. Holloway. CASING SHOE DIA. 6 5/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	30								Sand and silt - grey.	
30	60								Brown silt and sand.	
60	65	E172	0.64	0.56	0.56	0.03	0.78			
65	70	E173	0.52	1.72	1.72	0.10	2.39			
70	75	E174	0.70	2.48	2.48	0.15	3.45		Sand and silt.	
75	80	E175	0.98	22.40	22.29	0.35	31.07			
80	85	E176	0.70	131.35	131.35	8.00	183.10		Sand and wash.	
85	90	E177	0.85	26.52	26.52		36.92		Fine sand.	
90	95	E178	0.94	1.48	1.48	8.63	<del>39.49</del> 2.06		Decomposed granite.	
95	96'6"	E179	0.49	0.33	0.33		0.46			
				186.13						
* assumed over 1' interval.										

Basement at 91'

Driller's Reported Basement at 85' feet.

Overall value from surface to 85' feet.

0.62  
~~0.65~~ lb./cu. yd. (Sn.)  
 14.85 oz./Cu. yd. (Cassiterite 70% Sn.)  
 91 14.29

$$(0.4112) \frac{186.13}{454} \times \frac{27}{91 \times 0.1751} \times (1.5207) = 0.6253 \text{ lb Sn / cu yd}$$

14.29 oz Sn / cu yd  
 Basement 91'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 119

LINE No.: 12

SURFACE R.L.: 238.4

BASEMENT R.L.: ~~155.4~~ 148.4

DATE: Oct. 71 DRILLING CO.: W.L. Sides

RIG No.: R 23

DRILLER R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	5	E128	0.32	0.13	0.13	0.01	0.18		Sand.	
5	10								No sample.	
10	15	E129	0.51	0.09	0.09	0.01	0.12		Silt and sand.	
15	20	E130	0.61	0.19	0.19	0.01	0.26		Sand black clay.	
20	25	E131	0.44	0.21	0.21	0.01	0.29		Brown silt and sand.	
25	30	E132	0.54	0.17	0.17	0.01	0.24		Brown silt and sand.	
30	35	E133	0.71	0.24	0.24	0.01	0.33		Sand silt.	
35	40								No sample	
40	45	E134	0.55	0.29	0.29	0.01	0.40		Sand and brown clay.	
45	50	E135	0.45	0.33	0.33	0.02	0.46		Sand and silt.	
50	55	E136	0.58	0.38	0.38	0.02	0.53		Sand and silt.	
55	60	E137	0.61	0.08	0.08	0.01	0.11			
60	65	E138	0.70	0.07	0.07	0.01	0.09		Brown sediment, lost in hole.	
66	70	E139	0.36	0.07	0.07	0.01	0.09			
70	75	E140	0.56	0.24	0.24	0.01	0.33		Sand and silt	
75	80	E141	0.71	0.28	0.28	0.01	0.39		Sand and silt.	
80	85	E142	0.77	1.64	1.64	0.09	2.28		80-83 sand, wash-traces.	
85	90	E143	0.56	87.50	87.50	5.33	121.93		83-92 Grey brown decomposed granite.	
90	92	E144	0.51	1.20	* 1.20	0.12	1.67			

\*assumed over 1ft interval.

Driller's Reported Basement at 83 feet.

Overall value from surface to 91

feet. { 0.36 lb./cu. yd. (Sn).  
8.23 oz./Cu. yd. (Cassiterite 70% Sn).

Basement - 90'

B.M.I. MINING PTY. LIMITED — TASMANIA

698038

2032

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.:

P 120

LINE No.: 12

SURFACE R.L.: 238.8

BASEMENT R.L.: ~~158.8~~

143.8

DATE: Oct 71

DRILLING CO.: W.L. Sides

RIG No.: P 23

DRILLER

R Harman  
H Stackpoole

SAMPLE  
WASHER:

OUR  
SUPERVISOR:

G. Holloway

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	40								No log.	
40	60									
60	65	E145	0.50	0.87	0.87	0.05	1.21		Coarse Sand	
65	70	E146	0.51	0.28	0.28	0.02	0.39		Coarse and fine sand - brown silt.	
70	75	E147	0.47	0.37	0.37	0.02	0.51		Coarse Sand.	
75	80	E148	0.79	0.98	0.98	0.06	1.36		Coarse fine sand.	
80	85	E149	0.85	2.77	* 2.77	0.84	3.86			
80	85	E388	0.38	2.59	2.59	0.23	3.61		80 - 82 Gravel. 82 - 85 Grey drift, gravel - redrill started.	
85	90	E389	0.63	1.47	1.47	0.13	2.04		85 - 87.5 Grey drift, gravel, 87.5 - 90 Gravelly drift & wash	
90	95	E 390	0.21	20.85	20.85	1.87	29.06		Decomposed Granite.	
95	100	E391	0.11	2.18	2.18	0.19	3.04			

Driller's Reported Basement at 90 feet.

Overall value from surface to

96 feet.

{ 0.14/cu. yd. (Sn).  
3.29 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 95'

B.M.I. MINING PTY. LIMITED — TASMANIA

698039 033

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 121

LINE No.: 12

SURFACE R.L.: 239.9

BASEMENT R.L.: ~~149.9~~ 143.9

DATE: Oct. 71 DRILLING CO.: W.L. Sides RIG No.: R 23 DRILLER R. Harmon SAMPLE WASHER: OUR SUPERVISOR: G. Holloway CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	39									
39	45								Coarse sand.	
45	50								Brown silt and sand.	
50	60								Sand with a little hard silt.	
60	65	E180	0.23	0.39	0.39	0.02	0.54		Sand with a little hard silt.	
65	70	E181	0.57	0.63	0.63	0.04	0.05		Coarse and fine sands.	
70	75	E182	0.54	1.16	1.16	0.07	1.62		Sand	
75	80	E183	0.59	1.48	1.48	0.08	2.06		Hard silt and sand.	
80	85	E184	0.60	0.24	0.24	0.01	0.33		Coarse sand.	
85	90	E185	0.72	17.95	17.95	1.09	25.02		Sand and wash.	
90	94	E186	0.42	32.04	32.04	2.44	44.66		Decomposed granite.	
94	99	E565	0.20	12.75	12.75	1.13	17.52			
99	104	E566	0.14	1.75	1.75	0.15	2.44			

This hole not bottomed as final assay of 44.66oz/yd.<sup>3</sup> shows granite has not been reached.

Driller's Reported Basement at 90 feet.

Overall value from surface to ~~94~~ 96 feet. { 0.7 lb./cu. yd. (Sn).  
3.88 oz./Cu. yd. (Cassiterite 70% Sn).  
5.23

Basement 96'

B.M.I. MINING PTY. LIMITED — TASMANIA

698040 034

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 122

LINE No.: 12

SURFACE R.L.: 240.7

BASEMENT R.L.: ~~149.7~~ 144.7

0

DATE: Nov 71

DRILLING CO.: W.L. Sides

RIG No.: P 23

DRILLER R. Harmon  
H. Stackpoole

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	20								Sand	
20	30								Black loose silt and sand.	
30	35								Sand and brown silt traces.	
35	60								Sand and silt	
60	65	E193	0.33	0.46	0.46	0.03	0.64			
65	70	E194	0.50	0.63	0.63	0.04	0.87		Sand and traces of hard brown silt.	
70	75	E195	0.45	0.66	0.66	0.04	0.03			
75	80	E196	0.57	1.02	1.02	0.06	1.42			
80	85	E197	0.42	4.07	4.07	0.24	5.67		Silt, sand and brown clay.	
85	90	E198	0.40	0.33	0.33	0.02	0.46			
90	94	E199	0.51	45.63	45.63	3.48	63.60		90-91 Sand, 91-94 Decomposed granite - incorrect.	
90	95	E392	0.43	63.27	63.27	5.69	88.19		Large wash and gravel Redrill started.	
95	100	E393	0.34	5.36	5.36	0.48	7.47		) Decomposed granite.	
100	105	E394	0.29	0.48	0.48	0.04	0.66		)	

Driller's Reported Basement at 95' feet.

Overall value from surface to 96' feet. { 0.49 lb./cu. yd. (Sn).  
11.25 oz./Cu. yd. (Cassiterite 70 % Sn).

Basement 96'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P123

LINE No.: 17

SURFACE R.L.: 244.6

BASEMENT R.L.: ~~75.6~~ 72.6

DATE: Octg. 71 DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	11								Black silt.	
11	16								Fine sand with bands of clay - white.	
16	28								Kaolin	
28	38								Find sandy clay - white	
38	40								Fine sand and wash	
40	49								Fine sand - grey.	
49	59								Fine sand - brown	
59	72								Free coarse sand - brown	
72	75								Wash - puggy clay - light brown	
75	83								Free fine sand - white	
83	91								Fine sand, bands of white clay.	
91	98								Fine white sand.	
98	100								98'-106' fine sand, bands of white clay	
100	105	E150	1.33	1.61	1.18	0.06	1.64			
105	110	E151	0.60	1.86	1.86	0.11	2.59			
110	115	E152	1.00	5.60	5.40	0.32	7.52			
115	120	E153	0.65	43.03	43.03	2.62	59.98		106 - 120 Coarse brown sand.	
120	125	E154	0.66	6.34	6.34	0.38	8.83		120-122 Coarse sand, bands of light brown clay.	
125	130	E155	0.88	7.45	7.45	0.45	10.38		123-130 Fine gray sand.	

Driller's Reported Basement at 169 feet.

Overall value from surface to feet. { lb./cu. yd. (Sn).  
oz./Cu. yd. (Cassiterite 70 % Sn).

B.M.I. MINING PTY. LIMITED — TASMANIA

698042

PERCUSSION DRILL LOG

030

AREA: **Endurance** HOLE No.: **P123** LINE No.: **17** SURFACE R.L.: BASEMENT R.L.:

DATE: DRILLING CO.: RIG No.: DRILLER: SAMPLE WASHER: OUR SUPERVISOR: CASING SHOE DIA. **6 3/8**

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface										
130	135	E156	0.44	2.83	2.83	0.17	3.94		130-133 Free coarse grey sand.	
135	140	E157	0.78	5.81	5.81	0.35	8.09		133-138 Free coarse sand and bands of clay.	
140	145	E158	1.37	7.03	5.00	0.30	6.97		138-143 " " " " " " " " 143-145 plus wash.	
145	150	E159	3.02	72.18	24.50	1.49	34.15		145-148 Coarse grey sand 148-150 Decomposed granite	
150	155	E160	1.40	39.27	39.27	2.39	54.74		150-153 wash.	
155	160	E161	1.76	37.24	20.64	1.25	28.77		153-156 Decomposed granite	
160	165	E162	1.86	53.37	27.99	1.70	39.01			
165	170	E163	0.66	21.21	21.21	1.29	29.56		166-168 wash 168-169 Coarse grey sand	
170	175	E164	1.28	16.67	12.70	0.77	17.70		) 169-179 Decomposed granite.	
175	169	E165	1.33	4.39	3.21	0.96	4.47			

179 ?

False  
 Driller's ~~XXXX~~ Basement at 148 feet.  
 Assumed economic 176  
 Overall value from surface to ~~177~~ 172 feet.  
 { 0.40 lb./cu. yd. (Sn).  
 0.41  
 9.36 oz./Cu. yd. (Cassiterite 70% Sn).  
 9.25

Basement ~~171~~ 172'

037

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 124

LINE No.: 17

SURFACE R.L.: 245.3

BASEMENT R.L.: <sup>124.3</sup>~~125.3~~

DATE: Oct. 71

DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8"

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	11								Black Silt	
11	18								Fine gray sand.	
18	31								Fine grey sand.	
31	39								Puggy clay - light brown	
39	54								Fine grey sand.	
54	68								Fine brown sand.	
68	70								Hard brown clay	
70	84								Fine grey sand.	
84	90								Hard white clay	
90	94								Hard white clay	
94	100								) Fine sand, bands of white clay.	
100	105	E165	0.74	0.46	0.46	0.03	0.64		)	
105	110	E166	0.87	19.65	19.65	1.19	27.39		105-106 Fine sand - pyrites.	
110	115	E167	0.67	40.81	40.81	2.48	55.87		106-115 Coarse sand and wash - grey.	
115	120	E168	0.68	28.77	28.77	1.66	40.10		Wash.	
120	125	E169	1.29	6.26	4.73		6.59		120-123 Decomposed granite - brown	
125	130	E170	1.50	2.06	1.33	2.44	11.15		) 123-133 Decomposed granite - green.	
130	133	E171	1.54	3.07	1.94		2.70		)	

Driller's Reported Basement at 120 feet.

Overall value from surface to 121 feet. { 0.25 lb./cu. yd. (Sn).  
5.7 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 121'

PERCUSSION DRILL LOG

AREA: ENDURANCE

HOLE No.: P125

LINE No.: <sup>25W</sup>  
19

SURFACE R.L.: 252.2

BASEMENT R.L.: 119.2

038

DATE: November 1971

DRILLING CO.: W.L. Sides

RIG No.: R23

DRILLER R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8" SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	1								Black soil.	
1	5								Native cement.	
5	30								Creamish coloured silt.	
30	58								Coarse sand and silt.	
58	90								Brown sand and silt.	
90	100								White sand and silt.	
100	105	E307	0.57	0.11	0.11	0.01	0.15	)		
105	110	E308	1.01	0.18	0.17	0.01	0.24	)		
110	115	E309	0.80	0.32	0.32	0.02	0.45	)		
115	120	E310	1.30	7.77	5.83	0.35	8.13	)		
120	125	E311	0.87	2.64	2.64	0.16	3.68	)		
125	130	E312	1.10	1.96	1.74	0.10	2.43	)	Fine white sand and silt.	
130	135	E313	1.19	0.85	0.69	0.04	0.96	)	133-135 Decomposed granite.	

Driller's Reported Basement at 133 feet.

Overall value from surface to 134 feet. { 0.03 lb./cu. yd. (Sn).  
0.60 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 133'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 126

LINE No.: 19

SURFACE R.L.: 251.2

BASEMENT R.L.: ~~99.2~~ 97.2

033

DATE: Nov. 71 DRILLING CO.: W.L. Sides RIG No.: P 23 DRILLER R. Harmon SAMPLE WASHER: OUR SUPERVISOR: A. Vaughan. CASING 6 3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	2								Top Soil	
2	5								Native Cement.	
5	39								White Sandy Silt.	
39	50								White clay and sand.	
50	59								White sand and silt - traces of clay.	
59	60								Hard white clay and sand.	
66	70								Hard brown clay and fine sand.	
70	85								Hard brown clay - sand and silt.	
85	95								Sand and silt - traces of clay.	
95	100									
100	105	E 373	0.64	0.35	0.35	0.02	0.49			
105	110	E374	0.52	0.15	0.15	0.01	0.21			
110	115	E375	0.59	0.13	0.13	0.01	0.18			
115	120	E376	0.85	0.29	0.29	0.02	0.40			
120	125	E377	0.58	3.70	3.70	0.22	5.15			
125	130	E378	0.59	6.13	6.13	0.37	8.54			
130	135	E379	0.25	8.38	8.38	0.50	11.68			
135	140	E380	1.10	13.79	12.23	0.73	17.05			
140	145	E381	0.80	33.26	33.26	1.99	46.36			
									Coarse sand and clay.	
									1/2" wash and sand.	
									130-131 Sandy clay. 131-135 Sand - traces of clay.	
									Sand - traces of clay.	

Driller's Reported Basement at 152 feet.

Overall value from surface to 153 feet. { 0.15 lb./cu. yd. (Sn).  
3.60 oz./Cu. yd. (Cassiterite 70% Sn).

(cont.)

B.M.I. MINING PTY. LIMITED — TASMANIA

698046

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 126

LINE No.: 19

SURFACE R.L.: 251.2

BASEMENT R.L.: ~~99.2~~ 97.2

040

DATE: Nov. 71

DRILLING CO.:

RIG No.:

DRILLER

SAMPLE WASHER:

OUR SUPERVISOR:

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface										
145	150	E382	0.71	8.80	8.80	0.53	12.26		Sand - Traces of clay.	
150	155	E383	0.40	5.78	5.78	0.35	8.05		150-152 Sand - Traces of clay. 152-155 Decomposed granite.	

Driller's Reported Basement at 152 feet.

Overall value from surface to 153 feet.

{ 0.15 lb./cu. yd. (Sn).  
3.6 oz./Cu. yd. (Cassiterite 70% Sn).

*Basement 154'*

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 127

LINE No.: 19

SURFACE R.L.: 253.8

BASEMENT R.L.: ~~97.8~~ 77.8

041

DATE: Nov.71 DRILLING CO.: W.L. Sides

RIG No.: P 41

DRILLER

SAMPLE WASHER:

OUR SUPERVISOR: A. Vaughan.

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	7								Black Silt.	
7	32								Grey silty sand.	
32	46								Fine sand and clay.	
46	59								Free fine sand.	
59	63								Fine sand, bands of clay.	
63	67								Light brown fine sand.	
67	78								Hard white clay.	
78	81								Drift.	
81	83								Hard brown clay	
83	100									
100	105	E 314	0.58	0.25	0.25	0.02	0.35		Fine sand, bands of clay.	
105	110	E315	1.00	0.20	0.19	0.01	0.26		109-112 hard white clay.	
110	115	E316	0.75	0.06	0.06	0.00	0.08		112-113 Coarse sand with clay bands.	
115	120	E317	0.76	0.07	0.07	0.00	0.09		113-133 Fine silty sand.	
120	125	E318	0.74	0.08	0.08	0.00	0.11			
125	130	E319	0.74	0.07	0.07	0.00	0.09			
130	135	E320	1.42	3.54	2.43	0.15	3.38		133-134 Hard green and white clay.	
135	140	E321	0.71	4.67	4.67	0.28	6.51		134-139 Free Fine sand. 139-140 Coarse sand - wash.	

Driller's Reported Basement at ~~156~~ feet.

Overall value from surface to feet. { 0.05 lb./cu. yd. (Sn).  
1.15 oz./Cu. yd. (Cassiterite 70% Sn).

B.M.I. MINING PTY. LIMITED — TASMANIA

698048

PERCUSSION DRILL LOG

042

AREA: Endurance

HOLE No.: P 127

LINE No.: 19

SURFACE R.L.:

BASEMENT R.L.:

DATE: Nov. 71

DRILLING CO.: W.L. Sides

RIG No.:

DRILLER

SAMPLE WASHER:

OUR SUPERVISOR:

CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface										
140	145	E322	0.95	7.15	7.15	0.43	9.96		) Free coarse sand.	
145	150	E323	0.93	2.45	2.45	0.15	3.42			
150	155	E324	0.88	5.00	5.00	0.30	6.97			
155	160	E325	0.95	3.60	3.60	0.22	5.02		155-156 Coarse sandy wash.	
160	166					0.63	9.82		156-160 Decomposed granite.	
166	171					0.38	5.96			
171	176					12.07	187.07			
176	181					0.49	7.66			
181	184					0.38	5.91			

Driller's Reported Basement at ~~156~~ feet.

Overall value from surface to ~~157~~ feet.

176

0.45 lb./cu. yd. (Sn).  
~~0.05~~  
 1.15 oz./Cu. yd. (Cassiterite 70% Sn).  
 10 30

Basement 176'

B.M.I. MINING PTY. LIMITED — TASMANIA

698049

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 128

LINE No.: 19

SURFACE R.L.: 256.4

BASEMENT R.L.: <sup>80.4</sup>~~81.4~~

043

DATE: Dec 71 DRILLING CO.: W.L. Sides

RIG No.: P 23

DRILLER R. Harman

SAMPLE WASHER:

OUR SUPERVISOR: A. Vaughan

CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface									0-1 Top Soil. 1-5 Native cement.	
10	15	E339	0.81	0.08	0.08	0.00	0.11		5-10 Yellow sandy clay.	
10	15	E340	0.64	3.14	3.14	0.19	4.37		0-13 Yellow sandy clay. 13-15 Coarse sand, silt.	
15	25	E341	0.82	0.46	0.46	0.03	0.64		Coarse sand - little silt.	
25	30	E342	0.49	0.07	0.07	0.00	0.09			
30	35	E343	0.53	0.15	0.15	0.01	0.21			
35	40	E344	0.64	0.14	0.14	0.01	0.19			
40	45	E345	0.67	0.34	0.34	0.02	0.47			
45	50	E346	1.13	1.26	1.08	0.06	1.50			
50	55	E347	0.87	0.32	0.32	0.02	0.45			
55	60	E348	0.61	0.67	0.67	0.04	0.93			
60	65	E349	0.30	0.38	0.38	0.02	0.53			
65	70	E350	0.95	0.50	0.50	0.03	0.69		Brown sandy silt.	
70	75	E351	1.24	0.08	0.06	0.00	0.08		70-74 Brown sandy silt. 74-75 Off white sandy silt.	
75	80	E352	0.78	0.09	0.09	0.01	0.12		Coarse sand, traces of silt.	
80	85	E353	0.68	0.09	0.09	0.01	0.12		Hard brown silt and sand.	
85	90	E354	1.04	0.09	0.08	0.00	0.11			

Driller's Reported Basement at \_\_\_\_\_ feet.

Overall value from surface to \_\_\_\_\_ feet.

lb./cu. yd. (Sn.).

oz./Cu. yd. (Cassiterite 70% Sn).

PERCUSSION DRILL LOG

044

AREA: Endurance

HOLE No.: P 128

LINE No.: 19

SURFACE R.L.:

BASEMENT R.L.:

DATE:

DRILLING CO.:

RIG No.:

DRILLER

SAMPLE WASHER:

OUR SUPERVISOR:

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	90	95	E355	1.11	0.07	0.06	0.00	0.08		90-92 Brown, white silt. 92-95 Coarse sand - traces of silt.
	95	100	E356	0.82	0.07	0.07	0.00	0.09	)	Hard white silt and sand.
	100	105	E357	0.56	0.07	0.07	0.00	0.09	)	
	105	110	E358	1.53	0.09	0.05	0.00	0.06	)	Coarse sand and hard white silt.
	110	115	E359	0.84	0.13	0.13	0.01	0.18	)	
	115	120	E360	1.22	0.14	0.11	0.01	0.15	)	
	120	125	E361	0.37	0.07	0.07	0.00	0.09	)	
	125	130	E362	1.20	1.84	1.50	0.09	2.01	)	Very fine silt. Traces of wash, 1 inch diameter
	130	135	E363	0.98	2.96	2.94	0.17	2.91	)	
	135	140	E364	0.49	2.58	2.58	0.15	3.59	)	
	140	145	E365	1.20	11.62	9.45	0.56	13.17	)	Coarse sand and silt.
	145	150	E366	1.14	5.55	4.75	0.28	6.62	)	
	150	155	E367	1.04	2.15	2.02	0.12	2.81	)	
	155	160	E368	0.48	0.08	0.08	0.00	0.11	)	
	160	165	E369	1.17	0.67	0.56	0.03	0.78	)	
	165	170	E370	0.88	2.67	2.67	0.16	3.72	)	-169 169-170 Hard white silt.
	170	175	E371	0.73	11.87	11.87	0.71	16.54	)	170-172 Coarse sand. 172-173 Yellow sediment. 173-175 Coarse sand.
	175	176	E372	0.67	20.61	20.61	1.26	28.73	)	
	175	180					0.13	2.05	)	

180 185

Driller's Reported Basement at 175 feet.

Overall value from surface to 176 feet.

0.12 lb./cu. yd. (Sn).  
~~2.66~~ oz./Cu. yd. (Cassiterite 70 % Sn).  
 2.75

Basement 176'

045

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.:

P 129

LINE No.:

19

SURFACE R.L.:

257.9

BASEMENT R.L.:

92.9

87.9

DATE: Dec 71

DRILLING CO.: W.L. Sides

RIG No.:

P 23

DRILLER

R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR:

T. Vaughan

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	2								Top Soil	
	2								Native Cement	
	10								Coarse sand and traces of clay	
	20								Coarse sand and silt	
	65							SS	Brown hard sediment and sand.	
	67								Coarse sand and traces of clay	
	79							W.C.	White clay.	
	85							SS	Hard brown sediment.	
	94							wh c	White clay.	
	95								White clay and coarse sand.	
100	105	E395	0.83	0.14	0.14	0.01	0.19		100-109 Coarse sand, traces of clay.	
105	110	E396	0.45	0.17	0.17	0.01	0.24	C.S.	109-110 Hard white sediment.	
110	115	E396	0.80	0.17	0.17	0.01	0.24		110-118 Coarse sand.	
115	120	E398	0.48	0.09	0.09	0.00	0.12	W.C.	118-122 White clay, traces of sand.	
120	125	E399	0.68	0.28	0.28	0.28	0.39		122-128 Coarse sand.	
125	130	E400	0.57	0.29	0.29	0.29	0.40	S	128-130 Off White sediment.	
130	135	E401	0.84	0.59	0.59	0.59	0.82		Fine sand and silt 1/2" wash.	
135	140	E402	0.44	0.48	0.48	0.48	0.67	W	1 1/2" wash. white sediment.	
140	145	E403	0.70	3.12	3.12	3.12	4.35		1" wash, coarse sand.	

Driller's Reported Basement at feet.

Overall value from surface to feet.

lb./cu. yd. (Sn.).

oz./Cu. yd. (Cassiterite 70% Sn).

046

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 129

LINE No.: 19

SURFACE R.L.: 257.9

BASEMENT R.L.:

92.9  
~~87.9~~

DATE: DRILLING CO.: RIG No.: DRILLER: SAMPLE WASHER: OUR SUPERVISOR: CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface										
145	150	E404	0.57	3.85	3.85	3.85	5.37		1" wash, coarse sand.	
150	155	E405	1.03	6.99	6.62	6.26	9.23	W	Drift, 1/2" wash stone.	
155	160	E406	0.61	2.87	2.87	2.87	4.00		155-157 drift, traces of clay.	
160	165	E407	0.72	3.04	3.04	3.04	4.24	D	157-165 drift, traces of sandy clay.	
165	170	E408	0.85	0.53	0.53	0.53	0.74		165-169 Drift, 1" wash, yellow clay.	
170	175	E409	0.32	0.34	0.34	0.34	0.47		169-172 decomposed granite.	
175	180	E410	0.84	0.44	0.44	0.44	0.61		"	

Driller's Reported Basement at 170 feet.

Overall value from surface to 165 feet. { 0.04 lb./cu. yd. (Sn).  
0.94 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 165'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 130

LINE No.: 19

SURFACE R.L.: 259.1

BASEMENT R.L.: 103.1

047

DATE: Jan. 72 DRILLING CO.: W.L. Sides

RIG No.: R.23

DRILLER R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR:

T. Vaughan

CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	0								Top soil.	
	2								White native cement	
	5								Brown hard cement.	
	10								Course sand.	
	12								Sand, yellow sediment.	
	15								Sand and clay	
	27								Fine sand and traces of clay.	
	33								Grey hard silt and sand.	
	48								Coarse sand.	
	50								Course sand.	
	60								Hard white sediment.	
	61								Coarse sand.	
	73								White clay and sand.	
	74								Hard brown sediment.	
	79								White hard clay.	
	80								Sand, traces of clay.	
	83								Hard white clay and traces of sand.	
	93								Hard white clay and sand.	

Driller's Reported Basement at \_\_\_\_\_ feet.

Overall value from surface to \_\_\_\_\_

feet. {

lb./cu. yd. (Sn.).

oz./Cu. yd. (Cassiterite 70 % Sn).

PERCUSSION DRILL LOG

AREA: **Endurance**

HOLE No.: **P 130**

LINE No.: **19**

SURFACE R.L.: **259.1**

BASEMENT R.L.: **103.1**

DATE: **Jan. 72** DRILLING CO.: **W.L. Sides**

RIG No.: **R 23**

DRILLER **R. Harmon**

SAMPLE WASHER:

OUR SUPERVISOR: **T. Vaughan.**

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface										
95	100								95-98 Hard white clay	98-99 Fine sand silt
100	105	E431	0.75	0.12	0.12	0.01	0.17	)		99-100 Sediment & Sand.
105	110	E432	1.23	0.12	0.09	0.01	0.12	)	Drift.	
110	115	E433	0.67	0.10	0.10	0.01	0.14	)		
115	120	E434	0.47	0.11	0.11	0.01	0.15	)	Drift and traces of clay.	
120	125	E437	0.76	0.19	0.19	0.01	0.26	)		
125	130	E438	0.78	0.51	0.51	0.03	0.71	)		
130	135	E439	0.75	0.17	0.17	0.01	0.23	)	Hard silt 1 & 1½" wash.	
135	140	E440	0.45	0.28	0.28	0.01	0.39	)	1½" wash and sand.	
140	145	E441	0.44	0.12	0.12	0.01	0.16	)	1 inch - 1½ inch wash, hard sediment.	
145	150	E442	0.94	0.15	0.15	0.01	0.20	)	145-147 Birds eye wash and fine sand.	
150	155	E443	0.40	0.19	0.19	0.01	0.26	)	147-155 Sand and clay.	
155	160	E444	0.37	0.34	0.34	0.02	0.17	)	Decomposed granite.	
160	165	E445	0.79	0.10	0.10	0.01	0.14	)		

Driller's Reported Basement at **156** feet.

Overall value from surface to **156** feet. { **.004** lb./cu. yd. (Sn).  
**0.10** oz./Cu. yd. (Cassiterite 70% Sn).

*Basement 156'*

PERCUSSION DRILL LOG

049

AREA: Endurance

HOLE No.: P-131

LINE No.: 18

SURFACE R.L.: 247.8

BASEMENT R.L.: 108.8

108.8

DATE: Oct. 71 DRILLING CO.: W.L. Sides RIG No.: R 41 DRILLER G. Rainbird SAMPLE WASHER: OUR SUPERVISOR: G. Holloway CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	25								Brown and black silt.	
25	59								Coarse sand with bands of soft clay.	
59	73								Fine puggy sand.	
73	79								" " "	
79	86								Brown clay.	
86	100								86-102 Fine puggy sand.	
100	105	E200	0.75	0.24	0.24	0.01	0.33	)		
105	110	E201	0.98	0.32	0.32	0.02	0.45	)	102-120 Coarse drift.	
110	115	E202	0.52	0.43	0.43	0.02	0.60	)		
115	120	E203	0.43	0.94	0.94	0.06	1.31	)		
120	125	E204	0.40	0.53	0.53	0.03	0.74	)	120-123 Coarse drift, band of soft clay.	
125	130	E205	0.85	1.45	1.45	0.08	2.02	)		
130	135	E206	1.20	0.55	0.44	0.02	0.61	)	123-139 Coarse drift.	
135	140	E207	0.96	5.71	5.71	0.35	7.10	)		
140	145	E208	0.49	4.21	4.21	0.25	0.35	)	139-144 White drift.	
145	150	E209	0.28	0.77	1.39	0.42	1.94	)	144-146 Wash	
150	155	E210	0.41	0.62				)	146-155 Decomposed granite.	

Driller's Reported Basement at 146 feet.

Overall value from surface to 147 feet.  
139

0.03 lb./cu. yd. (Sn).  
0.68 oz./Cu. yd. (Cassiterite 70% Sn).  
0.78

Basement 139'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 132

LINE No.: 18

SURFACE R.L.: 248.0

BASEMENT R.L.: ~~95.0~~ 92.0

DATE: Nov 71

DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER G. Artis

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	12								Black sandy silt.	
12	17								Free Fine brown sand.	
17	25								Fine sand, bands of clay.	
25	31								Sandy clay.	
31	56								Coarse sand.	
56	67								Muddy sandy clay.	
67	69								Band of clay.	
69	80								Silty sand.	
80	84								Sandy clay.	
84	95								Puggy sands.	
95	100								Silty clay.	
100	105	E216	1.48	0.09	0.06	0.00	0.08		Puggy clay.	
105	110	E217	1.46	0.05	0.05	0.00	0.04		Puggy white clay.	
110	115	E218	0.61	0.19	0.19	0.01	0.26		110 - 118 Coarse sand, bands of white clay.	
115	120	E219	1.17	0.28	0.23	0.01	0.32		118 - 120 hard white clay.	
120	125	E220	0.62	1.00	1.00	0.06	1.39		120 - 122 Coarse sand and wash.	
125	130	E221	0.85	1.52	1.52	0.09	2.12	)	122 - 138 Free fine sand.	
130	135	E222	0.49	0.62	0.62	0.04	0.86	)		
135	140	E223	0.87	2.21	2.21	0.13	3.08	)		

Driller's Reported Basement at feet.

Overall value from surface to feet.

lb./cu. yd. (Sn).

oz./Cu. yd. (Cassiterite 70% Sn).

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 132

LINE No.: 18

SURFACE R.L.: 248.0

BASEMENT R.L.:

92.0

~~95.0~~

051

DATE: Nov. 71

DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER G. Artis

SAMPLE WASHER:

OUR SUPERVISOR:

G. Holloway

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface										
140	145	E224	0.51	0.89	0.89	0.05	1.24		138 - 143 Coarse sand and wash	143 - 144 slate stone.
145	150	E225	1.26	5.46	4.44	0.27	6.18		144 - 149 Coarse white sand.	
150	155	E226	0.76	9.44	9.44	0.33	13.15		149 - 153 Coarse sandy wash.	
145	150						4.30			
150	155						23.56			
155	158						4.56			
153	153						0.68			
165	164						0.29			

Driller's Reported Basement at 153 feet.

Overall value from surface to ~~154~~ 156 feet.

0.08 lb./cu. yd. (Sn.)  
~~1.83~~ oz./Cu. yd. (Cassiterite 70% Sn.)  
 2.06

Basement 156'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P-132  
Redrill

LINE No.: 18

SURFACE R.L.: 248.0

BASEMENT R.L.: ~~95.0~~ 92.0

052

DATE: Nov 71 DRILLING CO.: W.L. Sides  
H. Stackpoole

RIG No.:

DRILLER

H. Stackpoole

SAMPLE WASHER:

OUR SUPERVISOR:

T. Vaughan

CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface										
155	158	E413	0.42	3.27	3.27	0.28	4.56		Safrolite, odd angular pebble, basement 158'	
158	163	E414	0.21	0.49	0.49	0.04	0.68		) Safrolite — ?	
163	168	E415	0.57	0.21	0.21	0.03	0.29		)	

Driller's Reported Basement at 155 feet.

Overall value from surface to 156 feet { 0.09 lb./cu. yd. (Sn).  
2.06 oz /Cu yd (Cassiterite 70% Sn).

Basement 156' Tel. 11/71 K.

B.M.I. MINING PTY. LIMITED — TASMANIA

698059

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 133

LINE No.: 18

SURFACE R.L.: 248.7

BASEMENT R.L.: ~~98.7~~ 82.7

053

DATE: Nov 71 DRILLING CO.: W.L. Sides

RIG No.: R 41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway.

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	cu. ft.	Recovered	Corrected			
				gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	5	E276	0.45	2.55	2.55	0.15	3.55		) 0-9 Coarse sand.	
5	10	E277	0.58	0.47	0.47	0.03	1.94		)	
10	15	E278	1.08	1.65	1.49	0.09	2.07		) 9-17 Sandy white clay.	
15	20	E279	0.69	0.58	0.58	0.03	0.80		)	
20	25	E280	0.62	0.44	0.44	0.03	0.61		) 17-28 Free fine white sand.	
25	30	E281	0.60	0.41	0.41	0.02	0.57		) 31-40 Fine sand, bands of clay, grey.	
30	35	E282	1.16	0.49	0.41	0.02	0.57		) 31-40 Fine sand, bands of clay, grey.	
35	40	E283	0.66	0.44	0.44	0.02	0.61		)	
40	45	E284	0.37	0.77	0.77	0.05	1.07		)	
45	50	E285	0.68	1.02	1.02	0.06	1.42		) 41-56 Free fine sand, grey.	
50	55	E286	0.64	0.87	0.87	0.05	1.21		)	
55	60	E287	0.65	1.79	1.79	0.11	2.49		)	
60	65	E288	0.49	0.49	0.49	0.03	0.68		) 56-70 Fine sand, bands of grey clay.	
65	70	E289	0.49	0.39	0.39	0.02	0.54		)	
70	75	E290	0.52	0.17	0.17	0.01	0.24		)	
75	80	E291	0.69	0.07	0.07	0.00	0.09		)	
80	85	E292	0.65	0.07	0.07	0.00	0.09		) 80-87 Fine free sand.	
85	90	E293	1.07	0.08	0.07	0.00	0.09		) 87-93 Puggy white clay	
90	95	E294	0.38	0.07	0.07	0.00	0.09		)	

Driller's Reported Basement at ~~150~~ feet.

Overall value from surface to ~~150~~ feet. { ~~0.04~~ /cu. yd. (Sn).  
~~0.03~~ /Cu. yd. (Cassiterite 70% Sn).

PERCUSSION DRILL LOG

05A

AREA : Endurance

HOLE No. : P 133

LINE No. : 18

SURFACE R.L. :

BASEMENT R.L. :

DATE :

DRILLING CO. :

RIG No. :

DRILLER

SAMPLE WASHER :

OUR SUPERVISOR :

CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface										
95	100	E295	1.06	0.12	0.11	0.01	0.15		93-99 puggy clay, light brown.	
100	103	E296	1.05	0.07	0.06	0.00	0.08		99-103 Hard brown clay.	
105	110	E297	0.36	0.10	0.10	0.01	0.14		103-110 fine sand, bands of white clay.	
110	115	E298	0.59	0.16	0.16	0.01	0.22		Coarse sand, bands of clay.	
115	120	E299	0.69	0.31	0.31	0.02	0.43		115-128	
120	125	E300	0.58	0.34	0.34	0.02	0.47			
125	130	E301	0.34	0.27	0.27	0.02	0.37		128-130 Hard clay, grey.	
130	135	E302	0.74	0.23	0.23	0.01	0.32		Puggy clay, white.	
135	140	E303	0.31	0.08	0.08	0.01	0.11			
140	145	E304	1.03	1.74	1.64	0.10	2.28		Puggy clay, wash.	
145	150	E305	1.41	1.89	1.78	0.11	2.48		Puggy sand.	
150	152	E306	0.38	0.48	0.48	0.07	0.67		Decomposed granite.	
152	155					0.02	0.35			
155	160					3.25	50.32			
160	161					1.09	17.22			
161	166					0.83	12.57			
166	171					0.48	7.52			

Driller's Reported Basement at ~~150~~ feet.

Overall value from surface to ~~151~~ **166'**

feet. { ~~0.04~~ 0.20 lb./cu. yd. (Sn).  
~~0.91~~ 4.67 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 166'

B.M.I. MINING PTY. LIMITED — TASMANIA

698061

PERCUSSION DRILL LOG

055

AREA: Endurance

HOLE No.: P134

LINE No.: 16

SURFACE R.L.: 242.4

BASEMENT R.L.: ~~138.4~~ 137.4

DATE: November 1971

DRILLING CO.: W.L. Sides

RIG No.: R41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	5	E227	0.65	0.08	0.08	0.00	0.11		0-7 Black silt	
	5	E228	0.45	0.08	0.08	0.00	0.11		7-11 Black silt and drift.	
	10	E229	0.90	1.66	1.66	0.09	2.31		11-14 Drift plus black wash.	
	15	E230	0.67	1.22	1.22	0.07	1.70		)	
	20	E231	0.36	0.47	0.47	0.03	0.65		)14-31 grey drift.	
	25	E232	0.58	0.22	0.22	0.01	0.31		)	
	30	E233	0.51	0.34	0.34	0.02	0.47		) Grey drift.	
	35	E234	0.72	0.35	0.35	0.02	0.49		)	
	40	E235	0.48	0.25	0.25	0.01	0.35		) 39-48 drift, bands of white clay.	
	45	E236	0.65	0.16	0.16	0.01	0.22		)	
	50	E237	0.68	0.17	0.17	0.01	0.24		48-57 White drift.	
	55	E238	0.67	0.22	0.22	0.01	0.31		57-61 Drift, bands of hard yellow clay.	
	60	E239	0.87	0.15	0.15	0.01	0.21		) 61-72 Drift, bands of hard white clay.	
	65	E240	0.77	0.07	0.07	0.00	0.09		)	
	70	E241	0.59	0.08	0.08	0.00	0.11		) 72-79 Drift, bands of light brown clay.	
	75	E242	0.47	0.06	0.06	0.00	0.08		)	
	80	E243	1.32	0.05	0.04	0.00	0.05		79-84 Hard white clay.	
	85-90	E244	0.76	0.05	0.05	0.00	0.07		84-89 Fine sandy clay.	

Driller's Reported Basement at \_\_\_\_\_ feet.

Overall value from surface to \_\_\_\_\_ feet.

lb./cu. yd. (Sn).

oz./Cu. yd. (Cassiterite 70 % Sn).

B.M.I. MINING PTY. LIMITED — TASMANIA

698062

Cont.

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P134

LINE No.: 16

SURFACE R.L.: 242.4

BASEMENT R.L.: ~~138.4~~ 137.4

056

DATE: November 1971 DRILLING CO. W.L. Sides

RIG No.: R41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	90	E245	0.99	0.27	0.26	0.01	0.01		89-97 Drift.	
	95	E246	0.79	0.79	0.79	0.05	1.10		97-100 drift, traces wash.	
	100	E247	0.80	11.96	11.96	0.73	16.67		100-104 drift, clay wash.	
	105	E248	0.31	1.07	1.07	0.13	1.49		104-107 Decomposed granite.	

Driller's Reported Basement at 104 feet.

Overall value from surface to 105 feet. { 0.05 lb./cu. yd. (Sn).  
1.3 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 105'

B.M.I. MINING PTY. LIMITED — TASMANIA

698063

PERCUSSION DRILL LOG

AREA: ENDURANCE

HOLE No.: P135

LINE No.: 16

SURFACE R.L. 242.0

BASEMENT R.L.: ~~130.0~~ 126.0

057

DATE: November 1971 DRILLING CO.: W.L. Sides

RIG No.: R41

DRILLER J. Walker

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	9								Black silt.	
9	17								Fine grey drift.	
17	24								Kaoline fine sand.	
24	45								Fine grey drift.	
45	49								Drift, trace of wash.	
49	51								Hard brown clay.	
51	72								Grey drift.	
72	75								Drift, bands of clay.	
75	80	E249	0.66	0.55	0.55	0.03	0.76		Drift, bands of clay.	
80	85	E250	0.75	0.61	0.61	0.04	0.85		) Free fine sand.	
85	90	E251	0.70	0.45	0.45	0.02	0.62		)	
90	95	E252	0.63	0.50	0.50	0.03	0.69		) Free coarse sand.	
95	100	E253	0.85	1.08	1.08	0.06	1.51		)	
100	105	E254	0.88	11.77	11.77	0.71	16.40		Drift plus wash.	
105	110	E255	0.38	19.20	19.20	1.17	26.76		" " "	
110	115	E256	0.72	16.27	16.27	0.99	22.68		110-112 drift, 112 - 115 decomposed granite brown.	
115	120	E257	0.58	3.10	3.10	0.18	4.32		112-120 decomposed granite, green and grey.	

N.B. Doubt that this hole has bottomed, as final assay of 4.32 indicates that granite has probably not been reached.

Driller's Reported Basement at 112 feet.

Overall value from surface to 116 feet { 0.14 lb./cu. yd. (Sn).  
3.21 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 116'

B.M.I. MINING PTY. LIMITED — TASMANIA

698064

PERCUSSION DRILL LOG

058

AREA: ENDURANCE

HOLE No.: P136

LINE No.: 13

SURFACE R.L.: 235.8

BASEMENT R.L.: 155.8

DATE: November 1971

DRILLING CO.: W.L. Sides

RIG No.: P23

DRILLER R. Harmon

SAMPLE WASHER:

OUR SUPERVISOR: G. Holloway

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	2								Top soil.	
2	10								Grey sediment.	
10	50								Coarse brown sand.	
50	60								Coarse brown sand, hard brown silt.	
60	65	E258	0.70	0.06	0.06	0.00	0.08		" " " " " "	
65	70	E259	0.76	0.14	0.14	0.01	0.19		" " " " " "	
70	75	E260	0.69	0.07	0.07	0.00	0.09		" " " " " "	
75	80	E261	0.57	0.15	0.15	0.01	0.21		" " " " " "	
80	82	E262	0.84	0.07	0.07	0.01	0.30		Decomposed granite.	

Driller's Reported Basement at 80' feet.

Overall value from surface to 81' feet. { 0.00 lb./cu. yd. (Sn).  
0.00 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 80'

B.M.I. MINING PTY. LIMITED — TASMANIA

698065

059

PERCUSSION DRILL LOG

AREA: ENDURANCE

HOLE No.: P137

LINE No.: 13

SURFACE RL 237.8

BASEMENT RL 162.8

DATE: November, 1971, DRILLING CO.: W.L. Sides

RIG No.: P23

DRILLER R. Harmon

SAMPLE WASHER

OUR SUPERVISOR G. Holloway

CASING SHOE DIA 6.3/8"

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	15	E263	0.75	0.05	0.05	0.00	0.06		0-2 top soil. 5 - 15 fine free sand.	
15	20	E264	0.95	0.07	0.07	0.00	0.09		Grey sediment and sand.	
20	25	E265	0.49	0.08	0.08	0.00	0.11	)		
25	30	E266	0.87	0.08	0.08	0.00	0.11	)		
30	35	E267	0.80	0.31	0.31	0.01	0.43	)	Brown sand and traces of clay.	
35	40	E268	0.51	18.18	18.18	1.11	25.34	)		
40	45	E269	0.53	5.74	5.74	0.35	8.00	)		
45	50	E270	0.70	0.07	0.07	0.00	0.09	)		
50	60	E271	0.82	0.08	0.08	0.00	0.11	)		
60	65	E272	0.81	0.08	0.08	0.00	0.11	)		
65	70	E273	0.92	0.35	0.35	0.02	0.48	)		
70	75	E274	1.11	0.08	0.07	0.00	0.19	)	Decomposed granite.	
75	77	E275	0.78	0.07	0.07	0.01	0.09	)		

Driller's Reported Basement at 75 feet.

Overall value from surface to 76

feet { 0.10 lb./cu. yd. (Sn).  
2.28 oz./Cu yd (Cassiterite 70% Sn)

1st 11/71 K

Basement 175'

B.M.I. MINING PTY. LIMITED — TASMANIA

698066

PERCUSSION DRILL LOG

AREA: **Endurance**

HOLE No.: **P 138**

LINE No.: **205 W**

SURFACE R.L.: **241.3**

BASEMENT R.L.: **149.3**  
~~151.3~~

DATE: **Nov. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **P 23**

DRILLER **R. Harman**

SAMPLE WASHER:

OUR SUPERVISOR:

**G. Holloway** CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	15	E326	0.76	0.11	0.11	0.01	0.15		0-5 Black topsoil. 5-10 Coarse sand. 10-15 Coarse & fine sand.	
	15	E327	0.66	0.19	0.19	0.001	0.26			
	20	E328	0.91	0.12	0.12	0.01	0.16			
	25	E329	0.79	0.14	0.14	0.01	0.19		Coarse and fine sand - traces of clay.	
	35	E330	0.60	0.27	0.27	0.33	0.37			
	45	E331	0.51	0.26	0.26	0.02	0.36			
	50	E332	1.42	0.06	0.04	0.00	0.05			
	60	E333	0.76	0.07	0.07	0.00	0.09		Fine sand.	
	65	E334	1.16	0.08	0.06	0.00	0.08			
	70	E335	0.51	0.06	0.06	0.00	0.08			
	75	E336	0.41	0.06	0.06	0.00	0.08		Light brown hard, sandy silt	
	85	E337	0.43	0.06	0.06	0.00	0.08			
	90	E338	0.46	0.05	0.05	0.00	0.07		Light brown hard sandy silt.	
	90						0.00			
	92						0.00			
	97						0.00			

Driller's Reported Basement at **90** feet.

Overall value from surface to **90** feet { **0.005** /cu. yd. (Sn).  
**92** feet { **0.11** oz./Cu. yd. (Cassiterite 70% Sn).

*Basement 92'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698067

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P139

LINE No.:

SURFACE R.L.: 239.0

BASEMENT R.L.: ~~119.0~~ 144.0

1061

DATE: Nov. 172 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: A. Watson

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	2								Black top soil	
2	25								Silt, light brown sediment & coarse sand	
25	51								Coarse sand	
51	58								Hard brown clay & coarse sand	
58	60								Coarse sand	
60	65	E1076	0.60	0.10	0.10	0.01	0.10			
65	70	7	0.76	0.16	0.16	0.01	0.22			
70	75	8	0.73	0.68	0.68	0.01	0.90			
75	80	9	0.46	0.59	0.59	0.01	0.82			
80	85	E1080	0.41	0.53	0.53	0.03	0.70		82 - 85 White clay	
85	90	1	0.58	0.79	0.79	0.05	0.10		Coarse sand	
90	95	2	0.77	0.46	0.46	0.03	0.60		95'	
95	100	3	0.52	0.11	0.11	0.01	0.15			
100	105	4	0.30	0.18	0.18	0.01	0.25		Decomposed granite	
105	110	5	0.43	0.05	0.05	0.00	0.07			
110	115	6	0.39	0.11	0.11	0.01	0.16			
				3.76						

Driller's Reported Basement at 95 feet.

Overall value from surface to 95 feet. { 0.01 lb./cu. yd. (Sn).  
0.27 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 95'

B.M.I. MINING PTY. LIMITED — TASMANIA

698068

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 140

LINE No.: 13

SURFACE R.L.: 233.6

BASEMENT R.L.: 144.6

062

DATE: 21.1.72

DRILLING CO.: Stackpoole

RIG No.:

DRILLER H. Stackpoole

SAMPLE WASHER:

OUR SUPERVISOR: T. Vaughan.

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	15								Mud	
15	28								Grey gravelly drift.	
28	48								Brown gravelly drift.	
48	58								Grey gravelly drift.	
58	59								Gravelly drift and white clay.	
59	60								Gravelly drift	
60	65	E423	0.41	0.12	0.12	0.01	0.16		Gravelly drift - white clay.	
65	70	E424	0.59	0.23	0.23	0.02	0.32			
70	75	E425	0.91	0.96	0.69	0.06	0.96		70 - 74 Brown fine clay drift - 74-75 gravelly drift.	
75	80	E426	0.76	3.47	3.01	0.27	4.19		75-77 Gravelly drift and white clay.	
80	85	E427	0.68	45.92	44.57	4.01	62.13		75-81 Gravelly drift and white clay.	
85	89	E428	0.40	25.11	25.11	2.26	35.00		81-86 Gravelly drift and white clay light wash.	
89	94	E429	0.29	1.46	1.46	0.13	2.03		16-89 Drift and light wash.	
94	99	E430	0.44	0.77	0.77	0.06	1.07		89 decomposed granite.	

Driller's Reported Basement at 89 feet.

Overall value from surface to 89 feet. { 0.38 lb./cu. yd. (Sn.)  
8.79 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 89'

B.M.I. MINING PTY. LIMITED — TASMANIA

698069

PERCUSSION DRILL LOG

AREA: **Endurance**

HOLE No.: **P 141**

LINE No.: **12**

SURFACE R.L.: **241.5**

BASEMENT R.L.: **165.5**

063

DATE: **19.1.72**

DRILLING CO.: **H. Stackpoole**

RIG No.:

DRILLER **H. Stackpoole**

SAMPLE WASHER:

OUR SUPERVISOR:

**T. Vaughan.**

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	10								Tailing. Black sand and gravel. Gravelly white clay and drift. 60-67 Gravelly white clay drift. 67-70 White clay drift and gravel. 70-76 Gravelly white clay drift. 76 Green granite type clay. 85-95 decomposed granite	
10	20									
20	60									
60	65	E416	0.51	1.09	1.09	1.18	1.52			
65	70	E417	0.57	0.71	0.71	0.06	0.99			
70	75	E418	0.39	0.12	0.12	0.01	0.16			
75	80	E419	0.42	0.11	0.11	0.01	0.15			
80	85	E420	0.36	0.11	0.11	0.01	0.15			
85	90	E421	0.37	0.12	0.12	0.01	0.16			
90	95	E422	0.29	0.09	0.09	0.01	0.12			

Driller's Reported Basement at **76** feet.

Overall value from surface to **76** feet. { **0.01** lb./cu. yd. (Sn).  
**0.31** oz./Cu. yd. (Cassiterite 70% Sn)

*Basement 76'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698070

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P142

LINE No.:

SURFACE R.L.: 233.8

BASEMENT R.L.:

143.8  
~~140.8~~  
004

DATE March, 1970 MILLING CO.: B.M.I. RIG No.: 1 DRILLER R. Harmon SAMPLE WASHER: J. Heather OUR SUPERVISOR: A. Vaughan CASING SHOE DIA. 6.3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	8								Black mud.	
8	36								Sand and silt.	
36	37								Drift.	
37	60								) Drift with bands of hard white silt.	
60	65	E636	0.31	0.92	0.92	0.05	1.28		)	
65	70	E637	0.17	0.60	0.60	0.04	0.83		65 - 68 drift, traces of silt.	
70	75	E638	0.88	0.78	0.78	0.05	1.08		68 - 75 fine white hard silt.	
75	80	E639	1.03	2.37	2.24	0.13	3.12		)	
80	85	E640	0.96	3.97	3.97	0.24	5.53		) Drift and silt.	
85	89	E641	0.42	5.67	5.67	0.34	7.90		Drift with 1½ to ½ inch wash.	
89	93	E642	0.34	1.90	1.90	0.11	2.64		89 - 92 decomposed granite, 92 - 92'6" decomposed granite,	
93	98	E643	0.36	0.44	0.44	0.03	0.61		92'6" - 93 fine drift.	
98	103	E644	0.72	0.22	0.22	0.02	0.31		Decomposed granite.	
									" "	

Driller's Reported Basement at 93 feet.

Overall value from surface to ~~94~~ 90

0.06  
~~0.05~~ lb./cu. yd. (Sn).  
~~1.24~~ oz./Cu. yd. (Cassiterite 70% Sn).  
1.29

Basement 90'

B.M.I. MINING PTY. LIMITED — TASMANIA

698071

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P143

LINE No.:

SURFACE R L 234.7

BASEMENT R L

143.7  
445.1

065

DATE: March, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER

P. Art1s

OUR SUPERVISOR, A. Vaughan

CASING SHOE DIA 6.3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	13								Black top soil.	
13	60								Light drift.	
60	65	E601	.90	.54	.54	.03	.75		"	
65	70	E602	.48	.64	.64	.04	.98		"	
70	75	E603	.59	.66	.66	.04	.92		"	
75	80	E604	.48	.66	.66	.04	.92		"	
80	85	E605	.91	3.65	3.65	.22	5.08		"	
85	90	E606	.66	22.72	22.72	1.36	31.67		85 -89 1" wash and coarse drift, 89 - 90 decomposed granite.	
90	95	E607	.36	5.94	5.94	.35	8.28		Decomposed granite.	
95	100	E608	.92	1.76	1.76	.11	2.45		" "	

Driller's Reported Basement at 89 feet.

Overall value from surface to

90  
91'

feet.

{ .12 lb./cu. yd. (Sn).  
2.83 oz./Cu. yd. (Cassiterite 70% Sn)

Basement 91'

B.M.I. MINING PTY. LIMITED — TASMANIA

698072

066

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P144

LINE No.:

SURFACE R.L.: 234.9

BASEMENT R.L.:

138.9  
~~146.9~~

DATE: March, 72 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER T. King SAMPLE WASHER: R. Munro OUR SUPERVISOR: A. Waughan CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	12								Black top soil.	
12	60								Light drift.	
60	65	E567	.53	0.11	0.11	0.01	0.15		Light drift.	
65	70	E568	.61	0.18	0.18	0.01	0.25		65 - 69 light drift, 69 - 70 hard brown silt.	
70	75	E569	1.25	0.51	0.40	0.02	0.55		Coarse drift.	
75	80	E570	.65	0.41	0.41	0.02	0.57		" "	
80	85	E571	.62	0.77	0.77	0.04	1.07		" "	
85	88	E572	.55	2.24	2.24	0.13	3.12		85 - 87 coarse drift, 87 - 88 decomposed granite and 1 1/2" wash.	
88	93	E573	.34	1.02	1.02	0.06	1.42		Decomposed granite.	
93	98	E574	.11	0.13	0.13	0.01	0.18		" "	

(see re-drill next page.)

Driller's Reported Basement at ~~88~~ feet.

Overall value from surface to ~~89~~ feet. { 0.02 lb./cu. yd. (Sn); 0.41 oz./cu. yd. (Cassiterite 70% Sn).

B.M.I. MINING PTY. LIMITED — TASMANIA

698073

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P144 R

LINE No.:

SURFACE R.L.: 234.9

BASEMENT R.L.: ~~142.9~~ 138.9

DATE July '72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER R. Harmon

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	2								Black mud.	
2	33								Coarse sand	
33	35								A band of sandy silt & coarse sand.	
35	60								Course sand	
60	65	E 764	0.40	-	trace					
65	70	E 765	0.63	0.18	0.18	0.01	0.25			
70	75	E 766	0.51	0.23	0.23	0.01	0.32		65-72 Course sand, 72-75 Hard brown silt.	
75	80	E 767	0.98	1.03	1.03	0.06	1.42			
80	85	E 768	0.66	0.39	0.39	0.02	0.54		Course Sand	
85	90	E 769	0.64	5.67	5.67	0.35	7.90			
90	95	E 770	0.25	19.16	19.16	1.17	26.11		90-91 Course sand. 91 Decomposed Granite.	
95	100	E 771	0.34	1.84	1.84	0.11	2.56			
100	105	E 772	0.56	0.69	0.69	0.04	0.96		Decomposed Granite	
105	110	E 773	0.44	-	trace					

Driller's Reported Basement at 91 feet.

Overall value from surface to 96 feet. { 0.09 lb./cu. yd. (Sn).  
2.11 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 96' Tel. 11/71 K.

B.M.I. MINING PTY. LIMITED — TASMANIA

698074

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P152

LINE No.:

SURFACE R.L.: 235.7

BASEMENT R.L.: 148.6

063

150.7

DATE: March, 72

DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER: R. Harmon

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered	Corrected	Sn.			
			cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	8									
8	9								Brown silt.	
9	25								Fine sandy silt.	
25	40								Coarse sand, traces of silt.	
40	45								Sand with traces of hard brown silt.	
45	60								Sand with bands of hard brown silt.	
60	65	E645	1.22	0.82	0.65	0.04	0.91		Sands with bands of hard brown silt.	
65	70	E646	1.44	1.34	0.91	0.05	1.27		60 - 63'6" brown sand, 63'6" - 64'6" brown silt.	
70	75	E647	0.98	3.47	3.45	0.21	4.81		64 - 70 brown drift.	
75	80	E648	1.02	23.58	22.55	1.37	31.43		) Free drift.	
80	85	E649	0.49	26.71	26.71	1.63	37.23		Drift.	
85	87	E650	0.23	3.36	3.36	0.20	4.68		Drift.	
87	92	E651	0.83	2.16	2.16	0.13	3.01		) Decomposed granite.	
92	97	E652	1.01	1.92	1.85	0.11	2.58		)	

Driller's Reported Basement at 87' feet.

Overall value from surface to 85' feet.

0.22  
~~0.21~~ lb./cu. yd. (Sn.).

4.80  
5.05 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 85'

B.M.I. MINING PTY. LIMITED — TASMANIA

698075

069

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P153

LINE No.:

SURFACE R.L.: 235.4

BASEMENT R.L.:

149.4  
~~150.4~~

DATE: April, 72 DRILLING CO.: B.M.I.

RIG No.: 1 DRILLER R. Harmon

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	6								Brown silt.	
6	30								Fine sand.	
30	35								Sand, bands of brown silt.	
35	44								Sand, bands of sandy silt.	
44	60								Light brown silt and sand.	
60	65	E695	0.66	0.13	0.13	0.01	0.18	)		
65	70	E696	0.70	1.30	1.30	0.08	1.81	)		
70	75	E697	0.99	2.06	2.03	0.12	2.82	)	Sand	
75	80	E698	0.86	26.36	26.36	1.61	36.74	)		
80	85	E699	0.92	121.02	121.02	7.38	168.70	)	80 - 82 1/2 to 1" wash and sand, 82 - 85 wash and sand.	
85	90	E700	0.55	14.39	14.39	0.87	20.06	)	85 - 87 Decomposed granite.	
90	95	E701	0.87	0.99	0.99	0.06	1.38	)		
95	100	E702	0.91	trace	trace	trace	trace	)		
100	105	E703	0.87	0.06	0.06	0.00	0.08	)	Decomposed granite.	
105	110	E704	0.87	trace	trace	trace		)		
110	115	E705	0.94	"	"	"		)		
115	120	E706	1.14	"	"	"		)		
120	121	E707	0.35	"	"	"		)		

Driller's Reported Basement at 85 feet.

Overall value from surface to 86 feet. { 0.58 lb./cu. yd. (Sn).  
13.46 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 86'

B.M.I. MINING PTY. LIMITED — TASMANIA

698076

070  
131.5  
133.0

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P154

LINE No.:

SURFACE R.L.: 238.5

BASEMENT R.L.:

DATE: April, 72 DRILLING CO.:

B.M.I.

RIG No.: 2

DRILLER E. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	6								Coarse sand.	
6	25								Dark silt.	
25	30								Sand with bands of silt.	
30	44								Coarse sand.	
44	60								Coarse sand.	
60	65	E681	1.09	0.23	0.21	0.01	0.29		To 64 Hard brown silt.	
65	70	E682	1.06	0.67	0.62	0.03	0.86		64 - 71 coarse sand, traces of 1 1/2" pyrites.	
70	75	E683	0.60	0.79	0.79	0.05	1.10		71 - 75 coarse sand and silt.	
75	80	E684	0.72	7.15	7.15	0.44	9.96		) 75 - 84 coarse sand and traces of 1 1/2" wash.	
80	85	E685	0.85	47.94	47.94	2.92	66.83		) 84 - 85 1" wash, decomposed granite.	
85	90	E686	0.95	10.88	10.88	0.66	15.17		85 - 98 Decomposed granite.	
90	95	E687	0.51	4.52	4.52	0.27	6.30	92?		
95	100	E688	1.40	2.16	2.16	0.13	3.01		98 - 100 decomposed granite, 1/4" rock granite.	
100	105	E689	3.67	0.87	0.87	0.05	1.21		Decomposed granite 3/4" rock granite.	
93	100	E690	1.46	48.19)					) Run in 93 - 105 coarse sand.	
100	105	E691	1.04	28.66)	2.8	1.72	39.38	on 6"		
105	105'6"	E692	1.28	31.62)					105 - 106 Band of coarse sand, decomposed granite and 3/4" wash.	
105'6"	110	E693	1.15	10.79	9.15	0.56	12.75		106 - 110 decomposed granite and 2" solid granite. (granite.	
110	115	E694	2.50	6.55	6.55	0.39	9.13		110 - 115 decomposed granite and up to 2" semi decomposed	

Driller's Reported Basement at 84' feet.  
105'

Overall value from surface to 106 feet. { 0.27 lb./cu. yd. (Sn.)  
6.19 oz./Cu. yd. (Cassiterite 70% Sn).

92' = 5.69 oz.

Basement either 92' or 107'  
Probably 92'

Basement 92'

B.M.I. MINING PTY. LIMITED — TASMANIA

698077

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 155

LINE No.:

SURFACE R.L.: 238.4

BASEMENT R.L.: 150.4

DATE: April, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	5								Coarse sand.	
5	19								Silt and black soil.	
19	41								Silt and coarse sand.	
41	60								Coarse drift.	
60	65	E673	.61	.97	.97	.06	1.35		Coarse drift.	
65	70	E674	.67	.77	.77	.05	1.07		65 - 68 coarse drift, 68 - 70 silt and coarse sand.	
70	75	E675	.55	1.16	1.16	.07	1.62		70 - 73 silt and coarse sand, 73 - 75 hard brown silt.	
75	80	E676	.70	.77	.77	.05	1.07		75 - 76 hard brown silt, 76 - 78 coarse drift and pyrite to 1", 78 - 80 coarse drift and 1" wash.	
80	85	E677	.93	15.18	15.18	.93	21.16		Coarse drift and 1" wash.	
85	88	E678	.64	31.41	31.41	1.91	43.78		85 - 86 coarse drift and 1" wash, 86 - 88 wash and tin bearing granite.	
88	93	E679	.26	2.44	2.44	.15	3.40		Decomposed granite.	
93	98	E680	1.20	1.15	.06	.06	1.30		Decomposed granite.	

Driller's Reported Basement at 85 feet.

Overall value from surface to

~~85~~  
88

feet.

feet.

~~0.18~~

~~05~~ lb./cu. yd. (Sn.).

~~1.32~~ oz./Cu. yd. (Cassiterite 70% Sn).

4.13

Basement 88'

B.M.I. MINING PTY. LIMITED — TASMANIA

698078

PERCUSSION DRILL LOG

AREA: **Endurance**

HOLE No.: **P156**

LINE No.:

SURFACE R.L.: **239.4**

BASEMENT R.L.: **151.4**

3 072

DATE **April, 72** DRILLING CO.:

**B.M.I.**

RIG No.: **2**

DRILLER **T. King**

SAMPLE WASHER: **P. Artis**

OUR SUPERVISOR: **A. Vaughan**

CASING **6.3/8**  
SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	6								Coarse sand.	
6	21								Silt and top soil.	
21	29								Brown silt and coarse sand.	
29	47								Hard brown silt.	
47	60								Drift and fine silt.	
60	65	E666	.94	.70	.70	.04	.97		" " "	
65	70	E667	1.21	2.14	1.72	.10	2.39		65 - 69 drift and fine silt, 69 - 70 hard brown silt and fine sand.	
70	75	E668	.30	.89	.89	.05	1.24		70 - 74 hard brown silt and fine sand, 74 - 75 coarse drift.	
75	80	E669	.75	.84	.84	.05	1.17		Coarse drift.	
80	85	E670	.69	7.42	7.42	.45	10.34		80 - 81 coarse drift, 81 - 84 coarse drift and 1" wash,	
85	90	E671	1.27	5.26	4.04	.25	5.63		84 - 85 tin bearing granite.	
90	95	E672	.76	2.37	.76	.05	1.06		85 - 90 decomposed granite.	

Driller's Reported Basement at **85** feet.

Overall value from surface to **86** feet. {   
 .05 lb./cu. yd. (Sn).  
 1.32 oz./Cu. yd. (Cassiterite 70% Sn).

*Basement 86'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698079

PERCUSSION DRILL LOG

AREA: **Endurance** HOLE No.: **P157** LINE No.: SURFACE R.L.: **240.1** BASEMENT R.L.: ~~154.4~~ <sup>150.1</sup> <sup>073</sup>

DATE: **April** DRILLING CO.: **B.M.I.** RIG No.: **2** DRILLER **T. King** SAMPLE WASHER: **P. Artis** OUR SUPERVISOR: **A. Vaughan** CASING **6.3/8"** SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	7									
7	23								Coarse sand.	
23	28								Top soil and silt.	
28	39								Coarse sand and silt.	
39	60								Fine sand and silt.	
60	65	E658	.39	1.33	1.33	.08	1.85		Light drift.	
65	70	E659	.75	3.53	3.53	.22	4.92		" "	
70	75	E660	.90	1.82	1.82	.11	2.54		70 - 74 light drift. 74 - 75 Hard brown silt.	
75	80	E661	.42	.67	.67	.04	.93		75 - 77 hard brown silt, 77 - 80 coarse drift and 1 1/2" wash.	
80	85	E662	.40	.84	.84	.05	1.17		Coarse drift and 1 1/2" wash.	
85	86	E663	.41	2.69	2.69	.16	3.75		" " "	
86	91	E664	.57	1.34	1.34	.08	1.87		Decomposed granite.	
91	96	E665	1.43	.57	.39	.02	.54		" "	

Driller's Reported Basement at **86** feet.

Overall value from surface to

~~87~~ **90'** feet. { <sup>.03</sup> ~~.04~~ lb./cu. yd. (Sn).  
<sup>1.01</sup> ~~1.01~~ oz./Cu. yd. (Cassiterite 70% Sn).  
**0.78**

*Basement 90'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698080

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P158

LINE No.:

SURFACE R.L.: 241.1

BASEMENT R.L.: 167.6

DATE: April, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	8								Coarse sand.	
8	21								Top soil and black silt.	
21	57								Coarse drift.	
57	60								Hard brown silt and coarse sand.	
60	65	E653	.75	.74	.74	.04	1.03		Hard brown silt and coarse sand.	
65	70	E654	1.14	1.39	1.19	.07	1.66		65 - 69 hard brown silt and coarse sand, 69 - 70 heavy drift and 1" wash.	
70	73'6"	E655	.37	.54	.54	.03	.75		70 - 71 heavy drift and 1" wash, 71 - 73'6" soft white pug.	
73'6"	78'6"	E656	.41	.53	.53	.03	.74		Decomposed granite.	
78'6"	83'6"	E657	1.10	.31	.27	.01	.38		" "	

Driller's Reported Basement at 73'6" feet.

Overall value from surface to ~~74.5~~ <sup>73.5</sup> feet { .01 lb./cu. yd. (Sn).  
.30 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 73.5'

B.M.I. MINING PTY. LIMITED — TASMANIA

698081

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P169

LINE No.:

SURFACE R.L.: 234.8

BASEMENT R.L.:

153.8  
164.8

DATE July, 1972 DRILLING CO.:

B.M.I.

RIG No.: 2

DRILLER E. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: G. Holloway

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	10								Top soil.	
10	26								Coarse sand and blue pug.	
26	40								Coarse brown sand.	
40	60								)	
60	65	E592	0.61	0.08	0.08	0.00	0.11		) 40 - 62 coarse brown sand.	
65	70	E593	0.70	trace	trace	trace	trace		)	
70	75	E594	0.85	4.32	4.32	0.26	6.02		62 - 74 fine sand and brown pug.	
75	80	E595	0.75	14.26	14.26	0.87	19.88		74 - 80 coarse sand and 1/2" wash.	
80	85	E596	0.35	2.93	2.93	0.18	4.08		)	
85	90	E597	0.57	1.56	1.56	0.09	2.17		) 80 -100 decomposed granite.	
90	95	E598	0.60	0.42	0.42	0.02	0.58		)	
95	100	E599	0.54	0.12	0.12	0.01	0.17		)	
100	105	E600	0.93	trace	trace				) 100 - 107 decomposed granite.	
105	107	E601	0.76	trace	trace				)	

Driller's Reported Basement at 80 feet.

Overall value from surface to ~~85~~ 81' feet. { 0.08/cu. yd. (Sn).  
1.94 oz./Cu. yd. (Cassiterite 70% Sn).  
2.03

Basement 81'

B.M.I. MINING PTY. LIMITED — TASMANIA

698082

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P170

LINE No.:

SURFACE R.L.: 233.9

BASEMENT R.L.: 148.9

070

DATE: July '72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: G. Holloway

CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	10								Coarse sand and silt.	
10	30								Coarse sand and silt.	
30	50								Coarse brown sand & large lumps of Pyrites 1/2" - 1 1/2"	
50	60								Coarse brown sand " " " " "	
60	65	E 774	-	-	-	Trace				
65	70	E 775	-	-	-					Fine brown sand with birdseye wash
70	75	E 776	1.01	0.76	0.73	0.04	1.02			
75	80	E 777	0.66	1.05	1.05	0.06	1.46			Bands of dark brown clay and 1/2" wash
80	85	E 778	0.79	2.24	2.24	0.14	3.12			
85	90	E 779	0.49	0.51	0.51	0.03	0.71			
90	95	E 780	1.01	0.08	0.08	0.00	0.11			Decomposed granite
95	100	E 781	1.23	0.15	0.12	0.01	0.17			

Driller's Reported Basement at 85 feet.

Overall value from surface to 86 feet. { 0.02 lb./cu. yd. (Sn.), 0.38 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 85'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P.171

LINE No.:

SURFACE R.L.: 233.4

BASEMENT R.L.: ~~147.9~~ 145.4

0.17

DATE: August 1972

DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: G. Holloway

CASING 6 3/8" SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	13								Brown Silt.	
13	60								Coarse brown sand with small band of silt.	
60	65	E 793	-	-	-					
65	70	E 794	-	-	-					
70	75	E 795	0.70	0.22	0.22	1.34	0.31		Coarse sand and small bands of brown sediment.	
75	80	E 796	0.62	4.52	4.52	0.28	6.30			
80	85	E 797	0.95	86.58	86.58	5.28	120.69	88'	80 - 83 Course sand and small trace of wash 1/2"	83-85 heavy
85	90	E 798	0.58	31.68	31.68	1.93	2.69		85-87 Decomposed granite and small trace of wash 1"	wash 1"
90	95	E 799	0.47	1.80	1.80	0.11	2.51		87' Decomposed granite.	
95	100	E 800	0.71	0.63	0.63	0.04	0.88		Decomposed Granite	
100	105	E 801	0.83	0.17	0.17	0.01	0.24			
105	110	E 802	1.08	0.06	0.05	0.00	0.07			

Driller's Reported Basement at 87'6" feet.

Overall value from surface to

96  
88'

feet.

0.43  
0.40  
9.11  
9.94

lb./cu. yd. (Sn.).

oz./Cu. yd. (Cassiterite 70% Sn).

Basement 88'

B.M.I. MINING PTY. LIMITED — TASMANIA

698084

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P172

LINE No.:

SURFACE R.L.: 233.4

BASEMENT R.L.:

147.4  
~~148.4~~ 0.78

DATE: August 72 DRILLING CO.: B.N.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: G. Halloway

CASING 6-3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	13								Silt and topsoil	
13	20								Coarse sand and 1/2 to 1 1/2" wash	
20	55								Coarse sand	
55	60								)	
60	65	E816	0.75	0.41	0.41	0.03	0.57		) Coarse Sand	
65	70	E817	0.53	trace					)	
70	75	E818	0.67	0.22	0.22	0.01	0.31		)	
75	80	E819	0.70	2.65	2.65	0.16	3.69		76.81 Coarse sand and 1/2" wash.	
80	85	E820	0.91	325.24	325.24	19.84	453.38		81.85 Coarse sand and 1" - 1 1/2" heavy wash.	
85	90	E821	0.39	23.05	23.05	1.41	32.13		85.87 Decomposed granite & traces 1" wash	
90	95	E822	0.49	3.19	3.19	0.19	4.45			
95	100	E823	1.12	0.81	0.71	0.04	0.99			
100	105	E824	1.82	0.36	0.19	0.01	0.26			
105	108	E825	1.10	0.09	0.08	0.00	0.11			

Driller's Reported Basement at 85 feet.

Overall value from surface to 86 feet. { 1.26 lb./cu. yd. (Sn.)  
28.81 oz./Cu. yd. (Cassiterite 70 % Sn.)

Basement 86' Tel. 11/71 K.

B.M.I. MINING PTY. LIMITED — TASMANIA

698085

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P.173

LINE No.:

SURFACE R.L.: 232.9

BASEMENT R.L.: 142.9

DATE: August 1972

DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: G. Holloway

CASING 6 3/8" SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	14								Brown Silt	
14	20								Coarse sand and very small trace of wash up to 1"	
20	60									
60	65	E840	0.65	0.31	0.31	0.02	0.43			
65	70	E841	0.68	0.31	0.31	0.02	0.43			
70	75	E842	0.77	0.29	0.29	0.02	0.40		Coarse sand	
75	80	E843	0.75	1.19	1.19	0.07	1.66			
80	85	E844	0.72	1.56	1.56	0.09	2.17		Coarse sand and wash up to 1/2"	
85	90	E845	0.75	7.82	7.82	0.48	10.90		85-88 Coarse sand and traces of wash up to 1/2"	
90	95	E846	0.43	1.55	1.55	0.09	2.16		88-90 Decomposed granite and traces of wash up to 1"	90-100 granite.
95	100	E847	0.45	0.53	0.53	0.03	0.74			
100	105	E848	0.59	0.28	0.28	0.02	0.39		Decomposed granite	
105	110	E849	0.68	0.06	0.06	0.00	0.00			
110	115	E850	0.64	trace						

Driller's Reported Basement at 90 feet.

Overall value from surface to

95 feet.  
90

0.04 lb./cu. yd. (Sn.)

1.02 oz./Cu. yd. (Cassiterite 70% Sn.)

1.01

Basement 90'

$$\frac{13.03}{4154} \times \frac{27}{90} = 0.044 \text{ lb./cu. yd.}$$

Tel. 11/71 K.

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P174

LINE No.:

SURFACE R.L.:

BASEMENT R.L.:

DATE: Aug. '72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 6-3/8

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	13								Brown Silt	
13	45								Coarse sand	
45	60								Coarse sand	
60	65	E851	0.64	0.10	0.10	0.01	0.14		) Coarse sand and band of brown silt 60-78	
65	70	2	0.40							
70	75	3	0.64	0.11	0.11	0.01	0.15		)	
75	80	4	0.82	1.67	1.67	0.10	2.33		)	
80	85	5	0.37	7.82	7.82	0.48	10.90		) 78-87 Coarse sand and 1/2" wash.	
85	90	6	0.43	21.76	21.76	1.33	30.33		) 87-90 Tin bearing granite.	
90	95	7	0.35	3.23	3.23	0.20	4.50		Decomposed granite.	
95	100	8	0.68	1.94	1.94	0.12	2.70			
100	105	9	0.63	0.76	0.76	0.04	1.06			
105	110	E860	0.54	0.29	0.29	0.02	0.40			

Driller's Reported Basement at 90 feet.

Overall value from surface to 91 feet. { 0.12 lb./cu. yd. (Sn).  
2.80 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 91'

PERCUSSION DRILL LOG

081

AREA: Endurance

HOLE No.: P175

LINE No.:

SURFACE R.L.: 233.8

BASEMENT R.L.: 148.8

DATE May. 1972 DRILLING CO.: B.M.I.

RIG No.:

2

DRILLER

E. King

SAMPLE WASHER:

P. Artis

OUR SUPERVISOR:

A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	12								Silt.	
12	30								Coarse sand.	
30	60								Coarse sand and small bands of white clay.	
60	65	E708	0.64	0.51	0.51	0.03	0.71	)		
65	70	E709	0.47	0.36	0.36	0.02	0.50	)		
70	75	E710	0.93	0.84	0.84	0.05	1.17	)	60 - 82 coarse sand and small bands of white clay.	
75	80	E711	0.95	0.62	0.62	0.04	0.86	)		(granite.
80	85	E712	1.02	15.29	14.26	0.86	19.87	)	82 - 84 coarse sand and wash up to 1", 84 - 85 decomposed	
85	90	E713	1.88	2.52	1.31	0.07	1.82	)		
90	95	E714	1.30	0.90	0.67	0.04	0.93	)		
95	100	E715	1.12	0.31	0.27	0.02	0.38	)	85 - 107 decomposed granite.	
100	105	E716	1.49	0.20	0.13	0.01	0.18	)		
105	110	E717	1.68	0.20	0.12	0.01	0.17	)		
110	115	E718	1.97	0.09	0.04	0.00	0.05	)	107- 115 decomposed granite.	
115	120	E719	1.46	0.20	0.13	0.01	0.18	)		
120	125	E720	1.45	0.11	0.07	0.00	0.09	)	Decomposed granite.	
125	130	E721	1.67	trace	trace	trace	trace	)		

Driller's Reported Basement at 85 feet.

Overall value from surface to 86 feet.

0.07 lb./cu. yd. (Sn).  
1.58 oz./Cu. yd. (Cassiterite 70% Sn).

B.M.I. MINING PTY. LIMITED — TASMANIA

698088

PERCUSSION DRILL LOG

AREA: **Endurance**

HOLE No.: **P 177**

LINE No.: **14**

SURFACE R.L.: **234.0**

BASEMENT R.L.: ~~144.0~~ <sup>148.0</sup>

082

DATE: **Feb. 72**

DRILLING CO.: **B.M.I.**

RIG No.: **1**

DRILLER **R. Harmon**

SAMPLE WASHER:

OUR SUPERVISOR: **T. Vaughan.**

CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface										
0	22								Black Mud.	
22	30								Sand and silt.	
30	34								Sand	
34	34								1" wash and sand	
34	40								A band of hard brown silt and sand.	
40	57								Course sand.	
57	60									
60	65	E462	1.16	0.11	0.06	0.00	0.08			
65	70	E463	0.37	0.10	0.10	0.01	0.14		Drift and traces of clay	
70	75	E464	0.59	0.12	0.12	0.01	0.16			
75	80	E465	0.52	0.17	0.17	0.01	0.24			
80	85	E466	0.64	17.98	17.98	1.08	24.99		79.82 Hard white sediment 82-83 drift. 83-84 1" wash & drift.	
85	90	E467	0.29	6.11	6.11	0.36	8.49		84-90 Fine sand, traces of clay.	
90	95	E468	0.37	0.63	0.63	0.04	0.87		Decomposed granite.	
95	100	E469	0.50	0.11	0.11	0.00	0.15			

Driller's Reported Basement at **90** feet.

Overall value from surface to **86'**

feet.  $\left\{ \begin{array}{l} 0.09 \\ \cancel{0.08} \\ 1.95 \\ 2.04 \end{array} \right.$  lb./cu. yd. (Sn).  
oz./Cu. yd. (Cassiterite 70% Sn).

*Basement 86'*

*Basement 86'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698089

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P178

LINE No.:

SURFACE R.L.: 234.2

BASEMENT R.L.:

148.2  
~~150.2~~

033

DATE: February DRILLING CO.: B.M.I.

RIG No.: 1.

DRILLER R. Harmon

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Vaughan

CASING SHOE DIA. 6.3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	14								Black mud.	
14	30								Coarse sand, 1" wash.	
30	35								Coarse sand.	
35	40								Off white sediment.	
40	55								Coarse sand.	
55	60								Brown silt and coarse sand,	
60	65	E504	1.03	0.45	0.41	0.03	0.57		60 - 62 drift, 62-64 white sandy silt, 64 1" wash and drift.	
65	70	E505	0.57	0.09	0.09	0.01	0.12		64 -67 drift, 67-70 light brown hard silt.	
70	75	E506	0.48	0.67	0.67	0.04	0.93		70 -72 drift, 72-75 light brown hard silt.	
75	80	E507	1.29	4.89	3.69	0.29	5.14		75-77 off white hard silt, 77-78 drift, 78-79 white clay, 1/2" wash	
80	85	E508	0.44	152.13	152.13	9.13	212.07		79-80 1" wash and drift, 80-83 1/2 to 1 1/2" wash, 84'6" decomposed granite.	
85	90	E509	0.23	5.34	5.34	0.32	7.44		) Decomposed granite.	
90	95	E510	0.34	2.09	2.09	0.12	2.91		)	

Driller's Reported Basement at 84'6" feet.

Overall value from surface to

~~85~~  
86

feet.

<sup>.58</sup>  
0.59 lb./cu. yd. (Sn).

13.47 oz./Cu. yd. (Cassiterite 70% Sn).

13.31

Basement 86'

B.M.I. MINING PTY. LIMITED — TASMANIA

698090

034

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 179

LINE No.: 14

SURFACE R.L.: 233.6

BASEMENT R.L.: 147.6

DATE: Feb 16

DRILLING CO.: B.M.I.

RIG No.: P 2

DRILLER J. Watson

SAMPLE WASHER:

OUR SUPERVISOR: T. Vaughan.

CASING SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	13								Black silty mud	
13	60								Coarse sand with small bands of soft clay.	
60	65	E482	0.91	0.32	0.32	0.02	0.45		60-66 coarse sand.	
65	70	E483	1.44	0.21	0.14	0.01	0.19		66-67 heavy drift.	
70	75	E484	0.98	0.59	0.59	0.04	0.82		67-80 drift.	
75	80	E485	0.96	1.40	1.40	0.08	1.95			
80	85	E486	0.61	20.17	20.17	1.21	28.12		80-81 drift and trace of 1/2" wash 81-84 wash 2" - 2 1/2" dia.	
85	90	E487	0.03	4.66	4.66	0.27	6.49			
90	95	E488	0.08	2.18	2.18	0.13	3.04		84-100 brown and light green decomposed granite.	
95	100	E489	0.11	0.26	0.26	0.02	0.36			

Driller's Reported Basement at 86 feet.

Overall value from surface to ~~90~~ 86 feet. { 0.02 lb./cu. yd. (Sn).  
0.38 oz./Cu. yd. (Cassiterite 70% Sn).  
0.40

Basement 86'

B.M.I. MINING PTY. LIMITED — TASMANIA

698091

PERCUSSION DRILL LOG

AREA: ENDURANCE

HOLE No.: P180

LINE No.:

SURFACE R.L.: 233.7

BASEMENT R.L.:

1377  
~~138.7~~

0005

DATE March DRILLING CO.: B.M.I. RIG No.: 1 DRILLER R. Harmon SAMPLE WASHER: J. Heather OUR SUPERVISOR A. Vaughan CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	13								Black mud.	
13	22								Coarse sand.	
22	24'6"								Coarse sand.	
24'6"	24'9"								Sandy silt.	
24'9"	31								Coarse sand.	
31	45								Silt and sand.	
45	59								Drift.	
59	60								Brown hard silt.	
60	65	E522	0.79	0.22	0.22	0.01	0.31		Drift and traces of clay.	
65	70	E523	1.53	0.58	0.36	0.02	0.50		65-68 drift.	
70	75	E524	0.75	0.51	0.51	0.03	0.71		)	
75	80	E525	0.82	1.05	1.05	0.06	1.46		) 68-91 drift.	
80	85	E526	0.84	26.75	26.75	1.61	37.28		)	
85	90	E527	0.72	83.54	83.54	5.01	116.45		)	
90	95	E528	0.37	203.00	203.00	12.18	282.98		91 1" wash and drift, 91-93 sand and silt, 93-95 drift.	
95	100	E529	0.31	15.84	15.84	0.95	22.08	96.	Decomposed granite.	
100	105	E530	0.37	0.84	0.84	0.05	1.17		" "	

Driller's Reported Basement at 95 feet.

Overall value from surface to 96 feet. { 1.05 lb./cu. yd. (Sn). 24.10 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 96'

B.M.I. MINING PTY. LIMITED — TASMANIA

698092

PERCUSSION DRILL LOG

AREA: ENDURANCE

HOLE No.: P181

LINE No.:

SURFACE R.L.: 233.8

BASEMENT R.L.: ~~140.8~~ <sup>139.8</sup>

DATE: March, 72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER R. Harmon

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	6								Black mud.	
6	25'6"								Sand.	
25'6	27								Sand and silt.	
27	31								Drift.	
31	39								Sand and silt.	
39	47								Hard white silt and sand.	
47	57								Drift.	
57	60								)	
60	65	E544	0.51	0.12	0.12	0.01	0.17		) Drift.	
65	70	E545	0.29	0.00	0.00	0.00	0.00		Hard brown silt.	
70	75	E546	0.82	0.00	0.00	0.00	0.00		)	
75	80	E547	0.79	2.50	2.50	0.15	3.48		) Drift.	
80	85	E548	0.97	0.53	0.53	0.59	0.74		)	
85	90	E549	0.55	15.71	15.71	0.94	21.89		85-89 drift.	
90	93	E550	0.14	10.60	10.60	0.64	14.77	87'	Brown silt and drift.	
93	98	E551	0.17	3.33	3.33	0.19	4.64		Decomposed granite.	
98	103	E552	0.09	2.40	2.40	0.14	3.34		Decomposed granite.	

Driller's Reported Basement at 93 feet.

Overall value from surface to 94 feet. { 0.11 lb./cu. yd. (Sn).  
2.60 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 94'

B.M.I. MINING PTY. LIMITED — TASMANIA

698093

087

PERCUSSION DRILL LOG

AREA: **Endurance** HOLE No.: **P182** LINE No.: SURFACE R L **233.9** BASEMENT R L **140.9**

DATE **March, 1972** DRILLING CO., **B.M.I.** RIG No.: **1** DRILLER **R. Harmon** SAMPLE WASHER **J. Heather** OUR SUPERVISOR **A. Vaughan** CASING SHOE DIA **6.3/8**

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	6								Black mud.	
6	18								Drift.	
18	20								Fine sand.	
20	60								)	
60	65	E575	0.63	0.51	0.51	0.03	0.71		) Drift.	
65	70	E576	0.47	0.98	0.98	0.06	1.36		)	
70	75	E577	1.19	0.44	0.37	0.02	0.51		Bands of white silt and drift.	
75	80	E578	0.56	0.49	0.49	0.03	0.68		)	
80	85	E579	0.76	0.90	0.90	0.05	1.25		)	
85	90	E580	0.76	3.47	3.47	0.21	4.83		) Drift, traces of clay.	
90	93	E581	0.35	4.18	4.18	0.25	5.82		)	
93	98	E582	0.38	0.40	0.40	0.02	0.56		) Decomposed granite.	
98	103	E583	0.36	0.11	0.11	0.01	0.15		)	

Driller's Reported Basement at **93** feet.  
 Overall value from surface to **94** feet { **0.04** lb./cu. yd. (Sn).  
**0.84** oz/Cu yd (Cassiterite 70% Sn)

Tel 11/71 K  
*Basement 93' 93'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698094

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P183

LINE No.:

SURFACE R.L. 234.1

BASEMENT R.L. ~~148.6~~ <sup>143.1</sup>

088

DATE: March, 72 DRILLING CO.: B.M.I.

RIG No.: 1

1

DRILLER

R. Harmon

SAMPLE WASHER

J. Heather

OUR SUPERVISOR

A. Vaughan

CASING 6.3/8  
SHOE DIA

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	9								Black mud.	
9	17								Drift.	
17	53								Sand and silt.	
53	55								Hard white silt.	
55	60								Drift.	
60	65	E584	0.69	0.23	0.23	0.01	0.32		Drift.	
65	70	E585	0.92	0.61	0.61	0.04	0.85		Sand and silt.	
70	75	E586	0.62	0.44	0.44	0.03	0.61		) A band of hard white silt.	
75	80	E587	0.78	0.30	0.30	0.02	0.42		)	
80	85	E588	0.58	1.24	1.24	0.07	1.73		80 - 81 hard white silt.	
85	85'6"	E589	0.18	1.60	1.60	0.09	2.23		81 - 85'6" drift.	
85'6"	90'6"	E590	0.36	3.72	3.72	0.22	5.18		Decomposed granite.	
90'6"	95'6"	E591	0.46	0.65	0.65	0.04	0.91		" "	

Driller's Reported Basement at 85'6" feet.

Overall value from surface to 92 feet. {  
0.03 lb./cu. yd. (Sn).  
0.67 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 91'

B.M.I. MINING PTY. LIMITED — TASMANIA

698095

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P184

LINE No.:

SURFACE R.L.: 234.9

BASEMENT R.L.:

141.9  
033  
~~144.9~~

DATE: March, 72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER R. Harmon

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	5	E616	0.65	0.19	0.19	0.01	0.26		0 - 4 Black mud.	
5	10	E617	0.88	1.72	1.72	0.10	2.39		) 4 - 15 sand and silt.	
10	15	E618	0.56	1.45	1.45	0.08	2.02		)	
15	20	E619	0.93	2.10	2.10	0.13	2.92		)	
20	25	E620	0.43	0.60	0.60	0.04	0.83		)	
25	30	E621	0.64	0.54	0.54	0.03	0.75		) 15 - 44 Drift with bands of silt.	
30	35	E622	0.57	0.48	0.48	0.03	0.67		)	
35	40	E623	0.49	0.26	0.26	0.02	0.36		)	
40	45	E624	0.54	0.43	0.43	0.03	0.60		44 - 45 light brown hard silt.	
45	50	E625	0.84	0.39	0.39	0.02	0.54		)	
50	55	E626	0.39	0.44	0.44	0.03	0.61		) Hard white silt.	
55	60	E627	0.77	0.58	0.58	0.04	0.81		)	
60	65	E628	0.49	0.74	0.74	0.05	1.03		) Drift and silt.	
65	70	E629	0.49	0.70	0.70	0.04	0.97		)	
70	75	E630	0.55	0.67	0.67	0.04	0.93		Hard brown silt and drift.	
75	80	E631	0.42	0.59	0.59	0.04	0.82		Hard white silt.	
80	85	E632	0.42	1.45	1.45	0.08	2.02		Sand and silt.	
85	90	E633	0.50	14.83	14.83	0.90	20.67		) 85 - 90 1" wash and drift, 90 - 97 decomposed granite.	
90	95	E634	0.42	7.95	7.95	0.48	11.08		)	
95	100	E635	0.61	0.77	0.77	0.05	1.07		Decomposed granite.	

Driller's Reported Basement at 90 feet.

Overall value from surface to ~~91~~ 93 feet. { 0.12 lb./cu. yd. (Sn).  
2.82 oz./Cu. yd. (Cassiterite 70 % Sn).

Basement 93'

B.M.I. MINING PTY. LIMITED — TASMANIA

698096

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.:

P186

LINE No.:

SURFACE R.L.: 235.3

BASEMENT R.L.:

134.3

~~141.8~~

090

DATE: March, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER:

R. Munro

OUR SUPERVISOR:

A. Vaughan

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	13								Black top soil.	
13	57								Light drift.	
57	60								White puggy sand.	
60	65	E592	.26	0.00	0.00	0.00	0.00		60 - 61 white puggy sand, 61 - 65 hard brown silt.	
65	70	E593	.65	1.03	1.03	0.06	1.44		65 - 69 hard brown silt, 69 - 70 heavy drift.	
70	75	E594	.35	0.24	0.24	0.01	0.33		70 - 74 heavy drift, 74 - 75 hard white silt.	
75	80	E595	.62	0.41	0.41	0.02	0.57		75 - 79 hard white silt, 79 - 80 heavy drift.	
80	85	E596	1.12	2.54	2.21	0.13	3.08		Heavy drift.	
85	90	E597	.79	12.07	12.07	0.72	16.82		85 - 89 drift, 89 - 90 drift and 1½" wash.	
90	93'6"	E598	.52	23.20	23.20	0.47	32.34		Drift and 1½" wash.	
93'6"	98'6"	E599	.16	9.48	9.48	0.57	13.21		Decomposed granite.	
98'6"	103'6"	E600	.17	5.46	5.46	0.32	7.61		" "	

Driller's Reported Basement at 93'6" feet.

Overall value from surface to

94

feet.

101

0.17 lb./cu. yd. (Sn.).

4.00 oz./Cu. yd. (Cassiterite 70% Sn).

3.73

Basement ~~94~~'101'

B.M.I. MINING PTY. LIMITED — TASMANIA

698097

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P187

LINE No.:

SURFACE R.L.: 235.5

BASEMENT R.L.: ~~144.5~~

143.5-091

DATE: March 72 DRILLING CO.:

B.M.I.

RIG No.:

2

DRILLER

T. King

SAMPLE WASHER:

R. Munro

OUR SUPERVISOR:

A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	5								Black top soil.	
5	13								Brown silt.	
13	54'6								Drift.	
54'6	60								Fine puggy sand.	
60	65	E553	.29	0.22	0.22	0.01	0.31		60 - 64 fine puggy sand, 64 - 65 fine puggy sand & brown silt.	
65	70	E554	1.14	0.34	0.29	0.02	0.40		65 - 69 fine puggy sand and brown silt, 69 - 70 heavy drift.	
70	75	E555	.72	0.32	0.32	0.02	0.44		70 - 75 heavy drift.	
75	80	E556	1.24	0.53	0.42	0.03	0.58		Heavy drift.	
80	85	E557	.88	2.12	2.12	0.13	2.95		Heavy drift.	
85	90	E558	.78	85.70	85.80	5.15	119.60		85 - 86 heavy drift, 86 - 90 suspected decomposed granite and 1½" wash.	
90	91	E559	.10	3.14	3.14	0.18	4.37		Suspected decomposed granite and 1½" wash.	
91	96	E560	.16	3.13	3.13	0.19	4.36		Decomposed granite.	
96	101	E561	.10	1.50	1.50	0.09	2.09		Decomposed granite.	

Driller's Reported Basement at 91 feet.

Overall value from surface to

92  
90

feet.

0.33

0.32 lb./cu. yd. (Sn.).

7.31 oz./Cu. yd. (Cassiterite 70% Sn).

7.50

Basement 90'

B.M.I. MINING PTY. LIMITED — TASMANIA

698098

PERCUSSION DRILL LOG

092  
145.8  
159.8

AREA: Endurance HOLE No.: P 188 LINE No.: SURFACE R.L.: 235.8 BASEMENT R.L.: 159.8

DATE: March, 72 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER T. King SAMPLE WASHER: R. Munro OUR SUPERVISOR: A. Vaughan CASING 6.3/8" SHOE DIA.

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	9								Black top soil.	
9	41								Drift.	
41	44								Puggy sand.	
44	58								Drift.	
58	60								Puggy sand.	
60	65	E514	1.48	0.82	0.54	0.03	1.14		60 - 64 puggy sand, 64 - 65 drift.	
65	70	E515	1.24	0.42	0.31	0.02	0.55		Drift.	
70	75	E516	.80	1.10	1.10	0.07	1.53		"	
75	80	E517	.69	0.54	0.54	0.03	0.75		"	
80	85	E518	.58	0.60	0.60	0.04	0.83		"	
85	87	E519	.41	28.45	28.45	1.71	39.65		85 - 86 drift and traces of wash, 86 - 87 decomposed granite.	
87	92	E520	.11	11.99	11.99	0.71	16.71	90'	Decomposed granite.	
92	97	E521	.01	2.55	2.55	0.15	3.55		" "	

Driller's Reported Basement at 86 feet.

Overall value from surface to <sup>87</sup>90 feet. { 0.16 lb./cu. yd. (Sn).  
~~3.68~~ oz./Cu. yd. (Cassiterite 70% Sn).  
3.56

Basement 90'

B.M.I. MINING PTY. LIMITED — TASMANIA

698099

PERCUSSION DRILL LOG

093

AREA: Endurance

HOLE No.: P189

LINE No.:

SURFACE R.L.: 236.1

BASEMENT R.L.: 150.1

DATE: March 1972

DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	8								Top soil and silt.	
8	43								Light drift.	
43	56								Silt and heavy drift.	
56	60								Fine sand and silt.	
60	65	E609	.77	.61	.61	.04	.85		60 - 61 fine sand and silt. 61-64 puggy hard silt, 64-65 heavy drift.	
65	70	E610	.84	.82	.82	.05	1.14		Heavy drift.	
70	75	E611	.90	1.05	1.05	.06	1.46		"	
75	80	E612	.70	2.18	2.18	.13	3.04		"	
80	85	E613	.79	31.59	31.59	1.89	44.03		80 - 81 heavy drift, 81 - 85 2" wash and decomposed granite.	
85	90	E614	.42	6.73	6.73	.40	9.38		Decomposed granite.	
90	95	E615	1.53	3.52	2.24	.13	3.12		" "	

Driller's Reported Basement at 85 feet.

Overall value from surface to 86 feet. { .16 lb./cu. yd. (Sn).  
3.66 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 86'

B.M.I. MINING PTY. LIMITED — TASMANIA

698100

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 190

LINE No.:

SURFACE R.L.: 238.0

BASEMENT R.L.: ~~143.0~~ <sup>144.0</sup> 09A

DATE: July '72

DRILLING CO. B.M.I.

RIG No.: 1

DRILLER T. King

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: G. Holloway

CASING 6 3/8" SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	5								Black top soil	
5	13								Grey sand and clay	
13	19								Coarse Sand	
19	54								Coarse Sand	
54	60								Coarse sand and bands of clay	
60	65	E 782	0.54	0.29	0.29	0.02	0.40			
65	70	E 783	0.51	0.40	0.40	0.02	0.56			
70	75	E 784	0.66	0.23	0.23	0.01	0.32			
75	80	E 785	0.98	1.11	1.10	0.07	1.53		65 - 93 Course Sand	
80	85	E 786	0.72	1.82	1.82	0.11	2.54			
85	90	E 787	1.00	1.12	1.09	0.07	1.52			
90	95	E 788	0.36	2.81	2.81	0.17	3.92		93 - 95 Decomposed granite - traces of 1" wash.	
95	100	E 789	0.45	0.89	0.89	0.05	1.24			
100	105	E 790	0.51	0.78	0.78	0.05	1.09		Decomposed granite.	
105	109	E 791	0.81	0.43	0.43	0.02	0.60			
109	110	E 792	0.75	0.73	0.73	0.04	1.09		Rock Granite.	

Driller's Reported Basement at 95 feet.

Overall value from surface to 96 feet. { 0.03 lb./cu. yd. (Sn).  
0.76 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 95'

B.M.I. MINING PTY. LIMITED — TASMANIA

698101

095

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 192

LINE No.:

SURFACE R.L.: 238.9

BASEMENT R.L.: 133.9

DATE: Nov, 72

DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER P. Artis

SAMPLE WASHER: R. Munro

OUR SUPERVISOR: A. Watson

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	18								Black top soil.	
18	58								Coarse sand.	
58	60								Fine sand and silt.	
60	65	E1063	0.64	3.38	3.38	0.21	4.71			
65	70	4	0.61	0.93	0.93	0.06	1.29		60-76 Fine sand and silt.	
70	75	5	0.70	0.41	0.41	0.03	0.57			
75	80	6	0.63	0.69	0.69	0.04	0.96		76-85 Coarse sand.	
80	85	7	0.55	0.24	0.24	0.01	0.33			
85	90	8	0.47	0.36	0.36	0.02	0.50		Coarse sand and bands of white silt.	
90	95	9	1.01	1.71	1.65	0.10	2.30		Coarse sand.	
95	100	E1070	0.84	2.20	2.20	0.13	3.07			
100	105	1	0.76	5.97	5.97	0.36	8.32		100-102 Coarse sand. 102-105 Coarse sand and 1/2"-1" wash.	
105	110	2	0.31	1.08	1.08	0.07	1.51		Decomposed granite.	
110	115	3	0.36	0.17	0.17	0.01	0.24			
115	120	4	0.42	0.21	0.21	0.01	0.29			
120	125	5	0.74	0.17	0.17	0.01	0.24			

Driller's Reported Basement at 105 feet.

Overall value from surface to 105 feet. { 0.05 lb./cu. yd. (Sn).  
1.16 oz./Cu. yd. (Cassiterite 70 % Sn).

Basement 105'

B.M.I. MINING PTY. LIMITED -- TASMANIA

698102

PERCUSSION DRILL LOG

096

AREA: Endurance

HOLE No.: P 193

LINE No.:

SURFACE R.L.: 238.6

BASEMENT R.L.: 136.6

DATE: Nov, 72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER P. Artis

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	19								Top soil and silt.	
19	45								Coarse sand.	
45	57								Coarse sand and heavy birdseye wash.	
57	60								Coarse sand and silt.	
60	65	E1087	0.62	0.29	0.29	0.02	0.40		63-65 Coarse sand.	
65	70	8	0.66	0.52	0.52	0.03	0.72			
70	75	9	0.80	0.17	0.17	0.01	0.24		65-83 Fine sand and thick layers of white silt.	
75	80	E1090	0.42	0.19	0.19	0.01	0.26			
80	85	1	0.34	0.09	0.09	0.01	0.13			
85	90	2	0.51	0.13	0.13	0.01	0.18		83-96 Hard light brown silt and fine sand.	
90	95	3	0.47	0.31	0.31	0.02	0.43			
95	100	4	0.84	19.77	19.77	1.24	27.56		96-100 Coarse sand and 1/2" - 3/4" wash.	
100	105	5	0.49	6.04	6.04	0.37	8.42		100-103 Coarse sand and 1/2"-3/4" wash. 103-105 Hard brown clay.	
105	110	6	0.35	1.31	1.31	0.08	1.83		105 Decomposed granite.	
110	115	7	0.43	0.78	0.78	0.04	1.08			
115	120	8	0.49	0.23	0.23	0.01	0.32			
120	125	9	0.52	0.19	0.19	0.01	0.26			

Driller's Reported Basement at 105 feet.

Overall value from surface to 105 feet. { 0.08 lb./cu. yd. (Sn).  
1.99 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 102'

B.M.I. MINING PTY. LIMITED — TASMANIA

698103

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 194

LINE No.:

SURFACE R.L.: 239.0

BASEMENT R.L.: 124.0

097

DATE: Nov, 72

DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER P. Artis

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	12								Top soil.	
12	40								Fine white sand.	
40	60									
60	65	E1100	0.82	0.36	0.36	0.02	0.50		Coarse sand and traces of 1/2" wash.	
65	70	1	0.62	0.37	0.37	0.02	0.52			
70	75	2	0.72	0.28	0.28	0.02	0.39			
75	80	3	0.42	0.15	0.15	0.01	0.21			
80	85	4	0.63	0.31	0.31	0.02	0.43		75-92 Fine sand and white silt.	
85	90	5	0.54	0.46	0.46	0.03	0.64			
90	95	6	0.55	1.10	1.10	0.07	1.53		92-95 Coarse sand.	
95	100	7	0.74	5.78	5.78	0.35	8.05		95-103 Coarse sand and 1/2" wash.	
100	105	8	0.58	224.26	224.26	13.68	312.62		103 Decomposed granite.	
105	110	9	0.37	37.94	37.94	2.31	52.89			
110	115	E1110	0.56	11.86	11.86	0.72	16.53			
115	120	1	0.48	1.53	1.53	0.09	2.13			
120	125	2	0.46	3.04	3.04	0.18	4.24			

Driller's Reported Basement at 103 feet.

Overall value from surface to 115

feet. { 0.76 lb./cu. yd. (Sn).  
17.41 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 110'

B.M.I. MINING PTY. LIMITED — TASMANIA

698104

098

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 195

LINE No.:

SURFACE R.L.: 239.9

BASEMENT R.L.: 134.4

DATE: Oct, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	11								Black top soil.	
11	25								Fine sand.	
25	35								Coarse sand.	
35	54								Coarse sand and wash 1/4" - 1/2".	
54	60								Coarse sand.	
60	65	E1050	0.70	0.48	0.48	0.03	0.67		Coarse sand.	
65	70	1	0.62	0.36	0.36	0.02	0.50		65-76 Coarse sand and thick bands of white clay.	
70	75	2	0.67	0.19	0.19	0.01	0.26			
75	80	3	0.50	0.21	0.21	0.01	0.29			
80	85	4	0.72	0.99	0.99	0.06	1.38		76-89 Coarse sand.	
85	90	5	0.56	1.03	1.03	0.06	1.44			
90	95	6	0.85	3.20	3.20	0.19	4.46		89-93 White clay. 93-95 Coarse sand.	
95	100	7	0.81	0.59	0.59	0.04	0.82		95-98 Coarse sand.	
100	105	8	0.47	58.94	58.94	3.59	82.16		98-103 Coarse sand 1/2" wash and small trace of 1" wash.	
105	110	9	0.31	3.16	3.16	0.19	4.41		103 Decomposed granite.	
110	115	E1060	0.55	2.65	2.65	0.16	3.69			
115	120	1	0.41	0.99	0.99	0.06	1.38			
120	125	2	0.50	0.56	0.56	0.03	0.78			

Driller's Reported Basement at 103 feet.

Overall value from surface to 105 feet. { 0.21 lb./cu. yd. (Sn).  
4.85 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 105'

B.M.I. MINING PTY. LIMITED -- TASMANIA

698105

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 196

LINE No.:

SURFACE R.L.: 239.9

BASEMENT R.L.: 134.9

099

DATE: Oct, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: J. Heather

OUR SUPERVISOR:

CASING 6/3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.	gms.	gms.	lb./cu. yd.	oz./cu. yd.				
Surface	18								Top soil.	
18	49								Coarse sand and brown silt.	
49	57								White clay.	
57	60									
60	65	E1024	1.04	0.26	0.24	0.01	0.33			
65	70	5	0.67	0.21	0.21	0.01	1.00			
70	75	6	1.11	0.15	0.15	0.01	0.21			
75	80	7	0.75	0.07	0.07	0.00	0.09		Coarse sand.	
80	85	8	0.74	0.25	0.25	0.02	0.35			
85	90	9	0.63	0.47	0.47	0.03	0.66			
90	95	E1030	0.59	0.59	0.59	0.04	0.82			
95	100	1	0.92	16.76	16.76	1.02	23.36		95-97 Coarse sand. 97-100 1/2" Wash.	
100	105	2	0.61	19.32	19.32	1.17	26.93		100-103 1" Wash. 103 decomposed granite.	
105	110	3	0.78	3.53	3.53	0.22	4.92			
110	115	4	0.47	1.35	1.35	0.08	1.88			
115	120	5	0.51	0.43	0.43	0.03	0.60			
120	125	6	0.62	0.25	0.25	0.02	0.35			

Driller's Reported Basement at 103 feet.

Overall value from surface to 105 feet. { 0.12 lb./cu. yd. (Sn).  
2.89 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 105'

B.M.I. MINING PTY. LIMITED — TASMANIA

698106

PERCUSSION DRILL LOG

100

AREA: Endurance

HOLE No.: P 197

LINE No.:

SURFACE R.L.: 240.1

BASEMENT R.L.: 135.1

DATE: Oct, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: R. Munro

OUR SUPERVISOR: A. Watson

CASING 6 3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	7								Top soil.	
7	13								Coarse sand.	
13	22								Grey clay.	
22	26								White fine sand.	
26	35								Coarse sand.	
35	46								" "	
46	59								White clay.	
59	60									
60	65	E987	0.50	0.40	0.40	0.02				
65	70	8	0.53	0.49	0.49	0.03			Coarse sand.	
70	75	9	0.62	0.21	0.21	0.01				
75	80	E990	0.53	0.26	0.26	0.02				
80	85	1	0.71	0.37	0.37	0.02				
85	90	2	0.61	0.83	0.83	0.05			85-97 Coarse sand	
90	95	3	0.87	0.77	0.77	0.04				
95	100	4	0.64	2.77	2.77	0.17			97-104 Coarse sand. Wash up to 1/2".	
100	105	5	0.67	4.89	4.89	0.30			104 Decomposed granite.	
105	110	6	0.42	1.54	1.54	0.09				
110	115	7	0.45	0.31	0.31	0.02				

Driller's Reported Basement at feet.

Overall value from surface to

feet.

lb./cu. yd. (Sn).

oz./Cu. yd. (Cassiterite 70% Sn)

Basement 105'

PERCUSSION DRILL LOG

101

AREA : HOLE No. : P 197 LINE No. : SURFACE R.L. : BASEMENT R.L. :

DATE : DRILLING CO. : RIG No. : DRILLER : SAMPLE WASHER : OUR SUPERVISOR : CASING SHOE DIA. :

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface										
115	120	E998	0.39	0.20	0.20	0.01	0.28			
120	125	9	0.51	0.11	0.11	0.01	0.15			

Driller's Reported Basement at 104 feet.

Overall value from surface to 105 feet. { 0.04 lb./cu. yd. (Sn).  
0.87 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 105'

PERCUSSION DRILL LOG

102

AREA: Endurance

HOLE No.: P 198

LINE No.:

SURFACE R.L.: 240.6

BASEMENT R.L.: 134.6

DATE: Oct, 72    DRILLING CO.: B.M.I.    RIG No.: 2    DRILLER T. King    SAMPLE WASHER: P. Artis    OUR SUPERVISOR: A. Watson    CASING SHOE DIA. 6 3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	8								Top soil.	
8	16								Fine sand.	
16	31								Grey fine sand.	
31	54								Coarse sand.	
54	58								White clay.	
58	60									
60	65	E961	0.72	0.39	0.39	0.02	0.54		58-71 Coarse sand and 1/2 pyrites.	
65	70	2	0.61	0.28	0.28	0.02	0.39			
70	75	3	0.32	0.18	0.18	0.01	0.25		71-76 Hard white clay.	
75	80	4	0.64	0.16	0.16	0.01	0.22			
80	85	5	0.81	0.63	0.63	0.04	0.88		76-96 Coarse sand.	
85	90	6	0.86	0.74	0.74	0.05	1.03			
90	95	7	0.51	0.65	0.65	0.04	0.91		96-100 Coarse sand and 1/2" wash with bands of silt.	
95	100	8	1.38	3.09	2.18	0.13	3.04			
100	105	9	0.87	16.05	16.05	0.98	22.37		Coarse sand and 1/2" wash.	
105	110	970	0.33	5.45	5.45	0.33	7.59		105 Decomposed granite.	
110	115	1	0.43	2.48	2.48	0.15	3.45			
115	120	2	0.31	0.82	0.82	0.05	1.14			
120	125	3	0.41	0.36	0.36	0.02	0.50			

Driller's Reported Basement at 105 feet.

Overall value from surface to 106 feet. { 0.08 lb./cu. yd. (Sn).  
1.99 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 106'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 199

LINE No.:

SURFACE R.L.: 240.4

BASEMENT R.L.: 134.4

103

DATE: Sept, 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: P. Artis

OUR SUPERVISOR: A. Watson

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	13								Top soil.	
13	33								White clay.	
33	52								Coarse sand.	
52	58								White clay.	
58	60									
60	65	E922	0.47	0.34	0.34	0.02	0.47		Coarse sand.	
65	70	3	0.35	0.09	0.09	0.01	0.12			
70	75	4	0.34	0.78	0.78	0.05	1.09		70-81 Coarse sand and white clay.	
75	80	5	0.44	0.27	0.27	0.02	0.38			
80	85	6	0.60	0.71	0.71	0.04	0.99		81-85 Coarse sand.	
85	90	7	1.10	1.04	0.92	0.06	1.28		85-93 Coarse sand.	
90	95	8	0.70	0.89	0.89	0.05	1.24			
95	100	9	0.82	1.99	1.99	0.12	2.77		93-98 Coarse sand and 1/2" wash.	
100	105	E930	0.84	22.59	22.59	1.38	31.49		98-105 Coarse sand and 1" wash.	
105	110	1	0.19	2.74	2.74	0.17	3.82		Decomposed granite.	
110	115	2	0.46	3.34	3.34	0.20	4.65			
115	120	3	0.40	1.77	1.77	0.11	2.47			
120	125	4	0.30	0.51	0.51	0.03	0.71			

Driller's Reported Basement at 105 feet.

Overall value from surface to 106 feet. { 0.11 lb./cu. yd. (Sn).  
2.43 oz./Cu. yd. (Cassiterite 70 % Sn).

Basement 105'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 200

LINE No.:

SUPFACE R.L.: 240.6

BASEMENT R.L.: 135.6

104

DATE: Sept. 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: K. Kerrison

OUR SUPERVISOR: A. Watson

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70%			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	12								Top soil.	
	12								Coarse sand.	
	45								Coarse sand and of clay.	
	53								Hard white clay.	
	55								" " "	
	60								Coarse sand.	
	60	E908	8.58	8.43	0.43	0.03	0.60			
	65	9	0.62	0.26	0.26	0.02	0.36			
	70	E910	0.73	0.30	0.30	0.02	0.42		Coarse sand and bands of white clay.	
	75	1	0.63	0.59	0.59	0.04	0.82			
	80	2	0.99	1.43	1.41	0.09	1.97			
	85	3	0.91	0.99	0.99	0.06	1.38		85-94 Coarse sand 94-95 Coarse sand and 1/2" wash.	
	90	4	0.85	0.88	0.88	0.05	1.23			
	95	5	0.65	17.71	17.71	1.08	24.68		Coarse sand and 1/2" wash with bands of white clay.	
	100	6	0.76	28.93	28.93	1.76	40.33		100-103 Coarse sand and 1/2" wash. 103 decomposed granite.	
	105	7	0.45	4.56	4.56	0.28	6.36			
	110	8	0.35	1.43	1.43	0.09	1.99			
	115	9	0.27	0.20	0.20	0.01	0.28			
	120	E920	0.30	0.13	0.13	0.02	0.18			
	125	1	0.40	0.06	0.06	0.00	0.08			

Driller's Reported Basement at 103 feet.

Overall value from surface to 105 feet. { 0.17 lb./cu. yd. (Sn).  
3.84 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 105'

B.M.I. MINING PTY. LIMITED — TASMANIA

698111

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P201

LINE No.:

SURFACE R.L.: 240.8

BASEMENT R.L.: 135.8

105

DATE: Sept. 72 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER P. Artis

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 6-3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	11								Top Soil	
11	30								Coarse sand and trace of 1" wash.	
30	54								Coarse sand	
54	58								Hard white clay	
58	60								} Coarse sand	
60	65	E878	0.73	0.15	0.15	0.01	0.21			
65	70	9	0.85	0.22	0.22	0.01	0.31		} Coarse sand and bands of white clay.	
70	75	E880	0.89	0.14	0.14	0.01	0.20			
75	80	1	0.84	0.16	0.16	0.01	0.22		} 85-98 Coarse sand.	
80	85	2	0.98	0.07	0.07	0.00	0.09			
85	90	3	0.83		Trace				} 98-102 Coarse sand and 1/2" wash.	
90	95	4	0.67							
95	100	5	0.58	1.99	1.99	0.12	2.77			
100	105	6	0.73	5.78	5.78	0.35	8.06			
105	110	7	0.41	1.67	1.67	0.10	2.33			
110	115	8	0.50	0.17	0.17	0.01	0.24			
115	120	9	0.72	0.07	0.07	0.01	0.09			
120	125	E890	0.97	0.06	0.06	0.01	0.08			

Driller's Reported Basement at 105 feet.

Overall value from surface to 106 feet. { 0.03 lb./cu. yd. (Sn).  
0.69 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 105'

B.M.I. MINING PTY. LIMITED — TASMANIA

698112

PERCUSSION DRILL LOG

106

AREA: Endurance

HOLE No.: P201

LINE No.:

SURFACE R.L.: 240.8

BASEMENT R.L.: 135.8

DATE: Sept. 72

DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER P. Artis

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING SHOE DIA 6-3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	11								Top Soil	
11	30								Coarse sand and trace of 1" wash.	
30	54								Coarse sand	
54	58								Hard white clay	
58	60								} Coarse sand	
60	65	E878	0.73	0.15	0.15	0.01	0.21			
65	70	9	0.85	0.22	0.22	0.01	0.31		} Coarse sand and bands of white clay.	
70	75	E880	0.89	0.14	0.14	0.01	0.20			
75	80	1	0.84	0.16	0.16	0.01	0.22		} 85-98 Coarse sand.	
80	85	2	0.98	0.07	0.07	0.00	0.09			
85	90	3	0.83		Trace				} 98-102 Coarse sand and 1/2" wash.	
90	95	4	0.67							
95	100	5	0.58	1.99	1.99	0.12	2.77			
100	105	6	0.73	5.78	5.78	0.35	8.06			
105	110	7	0.41	1.67	1.67	0.10	2.33			
110	115	8	0.50	0.17	0.17	0.01	0.24			
115	120	9	0.72	0.07	0.07	0.01	0.09			
120	125	E890	0.97	0.06	0.06	0.01	0.08			

Driller's Reported Basement at 105 feet.

Overall value from surface to 106 feet { 0.03 lb./cu. yd. (Sn).  
0.69 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 105'

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 207

LINE No.:

SURFACE R.L.: 239.0

BASEMENT R.L.: 128.0

DATE: Oct, 72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER T. King

SAMPLE WASHER: R. Munro

OUR SUPERVISOR: A. Watson

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	10								Black top soil.	
10	18								Black top soil and fine sand.	
18	35								Coarse sand.	
35	60								Coarse sand.	
60	65	E1037	0.62	0.25	0.25	0.02	0.35		60-61 Coarse sand, 61-63 Brown and white clay.	
65	70	8	1.00	0.41	0.40	0.02	0.55			
70	75	9	1.35	0.12	0.08	0.00	0.11		Coarse sand.	
75	80	E1040	1.03	Trace	Trace					
80	85	1	1.08	0.24	0.22	0.01	0.31		80-81 Brown silt.	
85	90	2	1.01	0.26	0.25	0.01	0.35			
90	95	3	0.95	0.23	0.23	0.01	0.32		81-103 Coarse sand.	
95	100	4	1.09	0.32	0.28	0.02	0.39			
100	105	5	0.81	5.65	5.65	0.34	7.88		103-105 Coarse sand and 1/4" - 1/2" wash.	
105	110	6	1.18	16.77	13.86	0.85	19.32		Decomposed granite.	
110	115	7	0.39	3.53	3.53	0.22	4.92			
115	120	8	0.17	0.97	0.97	0.06	1.35			
120	125	9	0.68	1.07	1.07	0.07	1.49			

Driller's Reported Basement at 105 feet.

Overall value from surface to 111 feet. { 0.07 lb./cu. yd. (Sn.)  
1.68 oz./Cu. yd. (Cassiterite 70% Sn.)

B.M.I. MINING PTY. LIMITED — TASMANIA

698114

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P217

LINE No.:

SURFACE R.L.: 236.2

BASEMENT R.L.: 114.2

108

DATE: Oct. 172 DRILLING CO.: P.M.I.

RIG No.: 1

DRILLER P. Artis

SAMPLE WASHER: R. Munro

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 63

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	16								Top soil & silt	
16	33								Coarse sand	
33	54								Coarse sand & 1" wash	
54	55								Coarse sand & silt	
55	60								55 - 62 Coarse sand & pug	
60	65	E1000	0.60	0.74	0.74	0.05	1.03			
65	70	1	0.66	0.87	0.87	0.05	1.21			
70	75	2	0.69	0.34	0.34	0.02	0.17		Coarse sand & bands of silt	
75	80	3	0.42	0.17	0.17	0.01	0.24			
80	85	4	0.87	2.42	2.42	0.15	3.77			
85	90	5	0.56	0.43	0.43	0.03	0.60		84 - 92 Coarse sand & 1" wash	
90	95	6	0.52	1.50	1.50	0.09	2.09		92 - 93 Decomposed granite	
95	100	7	0.25	0.32	0.32	0.02	0.15			
100	105	8	0.47	0.23	0.23	0.01	0.32			
105	110	9	0.64	0.45	0.45	0.03	0.62		Decomposed granite	
110	115	10	0.43	0.17	0.17	0.01	0.24			
115	120	11	0.55	0.10	0.10	0.01	0.14			

Driller's Reported Basement at 92 feet.

Overall value from surface to 92 feet. { 0.03 lb./cu. yd. (Sn).  
0.58 oz./Cu. yd. (Cassiterite 70 % Sn).

Basement 92' Tel. 11/71 K.

B.M.I. MINING PTY. LIMITED — TASMANIA

698115

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P218

LINE No.:

SURFACE R.L.: 236.8

BASEMENT R.L.: 139.8

109

DATE: Oct. '72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER T. Johnson

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 6 3/4

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	10									
10	55								Surface soil - mud	
55	57								Coarse sand	
57	60								White clay	
60	65	E948	0.64	0.17	0.17	0.01	0.24			
65	70	9	0.70	0.23	0.23	0.01	0.32			
70	75	E950	0.68	0.14	0.14	0.01	0.19		57 - 97 Coarse sand	
75	80	1	0.69	0.31	0.31	0.02	0.43			
80	85	2	0.66	0.43	0.43	0.03	0.60			
85	90	3	0.72	0.51	0.51	0.02	0.71			
90	95	4	0.71	0.98	0.98	0.06	1.27			
95	100	5	0.78	0.86	0.86	0.05	1.19		97 - 100 Decomposed granite	
100	105	6	0.48	0.22	0.22	0.01	0.31			
105	110	7	0.30	0.09	0.09	0.01	0.13			
110	115	8	0.28	0.08	0.08	0.00	0.11		97 - 100 Decomposed granite	
115	120	9	0.22	0.07	0.07	0.00	0.09			
120	125	10	0.30	0.08	0.08	0.00	0.11			

Driller's Reported Basement at 97 feet.

Overall value from surface to 97 feet. { 0.01 lb./cu. yd. (Sn).  
0.29 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 97'

B.M.I. MINING PTY. LIMITED — TASMANIA

698116

110

PERCUSSION DRILL LOG

AREA: **Endurance**

HOLE No.: **P 219**

LINE No.: **11**

SURFACE R.L.: **242.0**

BASEMENT R.L.: **167.0**

DATE: **Feb.72** DRILLING CO.: **B.M.I.** RIG No.: **P1** DRILLER **R. Harmon** SAMPLE WASHER: OUR SUPERVISOR: **T. Vaughan.** CASING SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	<b>18</b>								Coarse sand. Black mud. Drift and silt. Drift and traces of clay. ) ) drift and bands of sandy dilt. 75-78 decomposed granite. "	
<b>18</b>	<b>37.5</b>									
<b>37.5</b>	<b>48</b>									
<b>48</b>	<b>60</b>									
<b>60</b>	<b>65</b>	<b>E474</b>	<b>0.65</b>	<b>0.11</b>	<b>0.11</b>	<b>0.01</b>	<b>0.15</b>	)		
<b>65</b>	<b>70</b>	<b>E475</b>	<b>0.49</b>	<b>0.95</b>	<b>0.95</b>	<b>0.06</b>	<b>1.32</b>	)		
<b>70</b>	<b>75</b>	<b>E476</b>	<b>0.56</b>	<b>0.96</b>	<b>0.96</b>	<b>0.06</b>	<b>1.34</b>			
<b>75</b>	<b>80</b>	<b>E477</b>	<b>0.41</b>	<b>0.08</b>	<b>0.08</b>	<b>0.00</b>	<b>0.11</b>			
<b>80</b>	<b>85</b>	<b>E478</b>	<b>0.37</b>	<b>0.07</b>	<b>0.07</b>	<b>0.00</b>	<b>0.09</b>			

Driller's Reported Basement at **75** feet.

Overall value from surface to **75** feet. { **0.01** lb./cu. yd. (Sn).  
**0.19** oz./Cu. yd. (Cassiterite 70% Sn).

*Basement 75'*

B.M.I. MINING PTY. LIMITED — TASMANIA

698117

PERCUSSION DRILL LOG

111

AREA: Endurance

HOLE No.: P220

LINE No.:

SURFACE R.L.: 242.1

BASEMENT R.L.: 169.1

DATE: Feb. '72

DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER R. Harmon

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Vaughan

CASING 6.3/8  
SHOE DIA.

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	10								Top soil.	
10	20								Coarse sand.	
20	25								Black mud.	
25	26								Coarse sand, hard brown silt.	
26	28								Coarse sand.	
28	57								Coarse sand, traces of clay.	
57	59								Coarse sand, traces of clay.	
60	65	E491	0.88	0.39	0.39	0.02	0.54		Off white coloured sandy silt.	
65	70	E492	0.86	0.13	0.13	0.01	0.18		Sand and silt.	
70	75	E493	0.73	0.11	0.11	0.01	0.15		70 - 73 sand and silt. 73' Decomposed granite.	
75	80	E494	0.35	0.11	0.11	0.01	0.15		) Decomposed granite.	
80	85	E495	0.48	0.10	0.10	0.01	1.94		)	

Driller's Reported Basement at 73 feet.

Overall value from surface to 74 feet. { 0.00 lb./cu. yd. (Sn).  
0.00 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 73'

B.M.I. MINING PTY. LIMITED — TASMANIA

698118

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P221

LINE No.:

SURFACE R.L.: 233.5

BASEMENT R.L.: 154.5

112

DATE: February, 1972, DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER E. King

SAMPLE WASHER: R. Munro

OUR SUPERVISOR: A Vaughan

CASING 6.3/8 SHOE DIA.

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.	cu. ft.	gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	12								Grey silt.	
12	25								Drift.	
25	27								Brown sediment.	
27	45								Drift.	
45	48								Drift.	
48	57								Brown sediment.	
57	60								) Drift.	
60	65	E496	1.18	0.37	0.30	0.02	0.42		)	
65	70	E497	1.11	0.77	0.67	0.04	0.93		)	
70	75	E498	0.59	0.30	0.30	0.02	0.42		71 - 73 fine sand.	
75	80	E499	0.61	1.85	1.85	0.11	2.57		73 - 79 drift.	
80	85	E500	0.14	0.69	0.69	0.04	0.96		79 - 85 decomposed granite.	
85	90	E501	0.02	0.38	0.38	0.02	0.53		Decomposed granite.	

Driller's Reported Basement at 79 feet.

Overall value from surface to 80 feet. { 0.01 lb./cu. yd. (Sn).  
0.37 oz./Cu yd (Cassiterite 70% Sn)

Basement 79'

B.M.I. MINING PTY. LIMITED — TASMANIA

698119

PERCUSSION DRILL LOG

113

AREA: Endurance

HOLE No.: P222

LINE No.:

SURFACE R.L.: 233.6

BASEMENT R.L.: 168.6

DATE: February, 1972, DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER E. King

SAMPLE WASHER:

R. Munro

OUR SUPERVISOR: A. Vaughan

CASING SHOE DIA. 6.3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	8								Grey silt.	
8	12								Grey silt and sand.	
12	28								Drift.	
28	58								Drift.	
58	60								White pug.	
60	65	E511	0.82	0.83	0.83	0.05	1.15		Drift.	
65	70	E512	0.22	1.05	1.05	0.06	1.46		) Decomposed granite.	
70	75	E513	0.01	1.57	1.57	0.09	2.19		)	

Driller's Reported Basement at 65 feet.

Overall value from surface to <sup>75</sup> <sub>65</sub> feet. { 0.01 lb./cu. yd. (Sn).  
~~0.31~~ oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 65'

B.M.I. MINING PTY. LIMITED — TASMANIA

698120

114

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 223

LINE No.:

SURFACE R.L. 238.4

BASEMENT R.L.: 133.4

DATE: Aug 72

DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER T. Johnson

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING 6 3/8  
SHOE DIA.

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered	Corrected	Sn.	Cassiterite 70 %			
		No.		gms.	gms.	lb./cu. yd.	oz./cu. yd.			
Surface	2								Surface soil.	
2	60								2-97 Drift.	
60	65	E803	0.44	0.06	0.06	0.00	0.08			
65	70	4	0.59	Trace		Trace				
70	75	5	0.60	0.35	0.35	0.02	0.49			
75	80	6	0.75	0.29	0.29	0.02	0.40			
80	85	7	0.56	0.18	0.18	0.01	0.25			
85	90	8	0.52	0.20	0.20	0.01	0.28			
90	95	9	0.61	2.20	2.20	0.13	3.07			
95	100	E810	0.54	4.31	4.31	0.26	6.01	97 Decomposed granite.		
100	105	1	0.71	1.06	1.06	0.06	1.48			
105	110	2	0.80	0.33	0.33	0.02	0.46			
110	115	3	0.76	0.27	0.27	0.02	0.38			
115	120	4	0.79	0.05	0.05	0.00	0.07			
120	125	5	0.80	Trace		Trace				

Driller's Reported Basement at 97 feet.

Overall value from surface to 105 feet. { 0.03 lb./cu. yd. (Sn).  
0.61 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 105'

B.M.I. MINING PTY. LIMITED — TASMANIA

698121

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P224

LINE No.:

SURFACE R.L.: 237.7

BASEMENT R.L.: 142.7

11/57

DATE: Aug 72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER T. Johnson

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 6-3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	2								Surface Soil	
2	38								Clay and Sand	
38	60								) 38-83	
60	65	E826	0.70	0.30	0.30	0.02	0.42			
65	70	7	0.58	0.05	0.05	0.00	0.07		) Drift	
70	75	8	0.79	0.09	0.09	0.01	0.13			
75	80	9	0.56	0.17	0.17	0.01	0.24		) 83 - 93 Clay and sand	
80	85	E830	0.54	0.15	0.15	0.01	0.21			
85	90	1	0.52	0.30	0.30	0.02	0.42		) 93-95 Wash	
90	95	2	0.71	6.09	6.09	0.37	8.49			
95	100	3	0.68	2.06	2.06	0.13	2.87		) 95 Decomposed granite	
100	105	4	0.68	0.62	0.62	0.04	0.86			
105	110	5	0.72	0.18	0.18	0.01	0.25			
110	115	6	0.88	0.83	0.83	0.05	1.16			
115	120	7	0.79	1.92	1.92	0.12	2.68			
120	125	8	0.76	0.08	0.08	0.00	0.11			
125	128	9	0.68	0.07	0.07	0.00	0.10			

Driller's Reported Basement at 95 feet.

Overall value from surface to 95 feet. { 0.04 lb./cu. yd. (Sn).  
0.94 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 95'

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

698122

116

AREA: Endurance

HOLE No.: P225

LINE No.:

SURFACE R.L.: 237.1

BASEMENT R.L.: 140.1

DATE: Aug. 72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER T. Johnson

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING SHOE DIA 6-3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	6									
6	55								Mud and silt	
55	60								Coarse sand	
60	65	E861	0.64	0.15	0.15	0.01	0.21		)	
65	70	2	0.66	0.09	0.09	0.01	0.13		)	
70	75	3	0.85	0.17	0.17	0.01	0.13		)	
75	80	4	0.74	0.16	0.16	0.01	0.22		)	
80	85	5	0.79	0.19	0.19	0.01	0.26		)	
85	90	6	0.89	0.56	0.56	0.03	0.78		)	
90	95	7	1.42	1.53	1.05	0.06	1.46		88 - 92 Clay and sand 92-95 Coarse Sand.	
95	100	8	0.71	2.89	2.89	0.17	4.03		95 - 97 Coarse sand 97 Decomposed granite	
100	105	9	0.69	0.41	0.41	0.03	0.57			
105	110	E870	0.70	0.20	0.20	0.01	0.28			
110	115	1	0.72	0.05	0.05	0.00	0.07			
115	120	2	0.71	0.03	0.03	0.00	0.04			
120	125	3	0.67	)						
125	130	4	0.68	)						
130	135	5	0.72	)	trace					
135	140	6	0.70	)						
140	145	7	0.71	)						

Driller's Reported Basement at 97 feet.

Overall value from surface to 97

feet. { 0.02 lb./cu. yd. (Sn).  
0.46 oz./Cu. yd. (Cassiterite 70 % Sn).

Tel. 11/71 K.

Basement 97'

B.M.I. MINING PTY. LIMITED — TASMANIA

698123

PERCUSSION DRILL LOG

117

AREA: Endurance

HOLE No.: P226

LINE No.:

SURFACE R.L.: 237.0

BASEMENT R.L.: 134.0

DATE: Sept. '72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER T. Johnson

SAMPLE WASHER: J. Heather

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 6-3/8

Section Feet		Sample Code	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	9								Surface soil and mud	
9	50								Coarse sand	
50	55								Clay and sand	
55	60								)	
60	65	E891	0.66		trace				) Clay and sand	
65	70	2	0.59	0.03	0.03	0.00	0.04		)	
70	75	3	0.68		trace				)	
75	80	4	0.69	0.06	0.06	0.00	0.08		)	
80	85	5	0.71	0.07	0.07	0.00	0.09		)	
85	90	6	0.69	0.55	0.05	0.03	0.77		)	
90	95	7	0.81	46.48	46.48	2.84	64.79		)	
95	100	8	0.72	82.01	82.01	5.00	114.32		) 1" wash	
100	105	9	0.68	15.13	15.13	0.92	21.09		) Decomposed granite	
105	110	E900	0.71	0.66	0.66	0.04	0.92		)	
110	115	1	0.70	0.30	0.30	0.02	0.42		)	
115	120	2	0.73	0.14	0.14	0.01	0.19		)	
120	125	3	0.76	0.86	0.86	0.05	1.19		)	
125	130	4	0.69	0.26	0.26	0.02	0.36		)	
130	135	5	0.71		trace				)	
135	140	6	0.66	0.05	0.05	0.00	0.07		)	
140	145	7	0.69		trace				)	

Driller's Reported Basement at 100 feet

Overall value from surface to 102 feet

{ 0.44 lb./cu. yd. (Sn).  
18.01 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 103'

B.M.I. MINING PTY. LIMITED — TASMANIA

698124

118

PERCUSSION DRILL LOG

AREA: Endurance HOLE No.: P227 LINE No.: SURFACE R.L.: 236.9 BASEMENT R.L.: 139.9

DATE: Sept '72 DRILLING CO.: B.M.I. RIG No.: 1 DRILLER T. Johnson SAMPLE WASHER, J. Heather OUR SUPERVISOR: A. Watson CASING SHOE DIA. 6-3/8

Section Feet		Sample Code	Recovered Volume	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To	No.	cu. ft.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	11								Surface soil and mud	
11	44								Coarse sand	
44	47								White clay	
47	52								Coarse sand	
52	55								Clay White	
55	60									
60	65	E935	0.66	0.05	0.05	0.00	0.07			
65	70	6	0.71	0.16	0.16	0.01	0.22			
70	75	7	0.60	0.09	0.09	0.01	0.12			
75	80	8	0.72	0.10	0.10	0.01	0.14		Coarse sand	
80	85	9	0.70	0.09	0.09	0.01	0.12			
85	90	E940	0.79	2.21	2.21	0.31	3.08			
90	95	1	0.74	0.54	0.54	0.03	0.75			
95	100	2	0.73	0.71	0.71	0.04	0.99		95 - 97 Coarse sand 97-105 Decomposed granite.	
100	105	3	0.63	0.14	0.14	0.01	0.19			
105	110	4	0.77	trace						
110	115	5	0.71	trace					Decomposed granite	
115	120	6	0.53	0.09	0.09	0.01	0.13			
120	125	7	0.64	trace						

Driller's Reported Basement at 97 feet.

Overall value from surface to 97 feet. { 0.01 lb./cu. yd. (Sn).  
0.30 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 97'

B.M.I. MINING PTY. LIMITED — TASMANIA

698125

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P 228

LINE No.:

SURFACE R.L.: 236.4

BASEMENT R.L.: 142.4

119

DATE: Oct, 72 DRILLING CO.: B.M.I. RIG No.: 1 DRILLER P. Artis SAMPLE WASHER: J. Heather OUR SUPERVISOR: A. Watson CASING SHOE DIA. 6 3/8

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	12								Black top soil.	
12	54								Coarse sand.	
54	56								White clay.	
56	60									
60	65	E974	1.14	0.77	0.66	0.04	0.92			
65	70	5	0.69	0.24	0.24	0.01	0.33		56-87 Coarse sand.	
70	75	6	0.54	0.31	0.31	0.02	0.43			
75	80	7	0.66	0.35	0.35	0.02	0.49			
80	85	8	0.78	0.36	0.36	0.02	0.50			
85	90	9	0.86	0.56	0.56	0.03	0.78		87-89 White silt and coarse sand.	
90	95	E980	0.76	0.80	0.80	0.05	1.11		89-94 Coarse sand and 1/4" to 1/2" wash, 94-95 traces of wash.	
95	100	1	0.22	0.20	0.20	0.01	0.28		95 Decomposed granite.	
100	105	2	0.21	0.09	0.09	0.01	0.12			
105	110	3	0.42	0.07	0.07	0.00	0.09			
110	115	4	0.34	0.17	0.17	0.01	0.23			
115	120	5	0.38	0.07	0.07	0.00	0.09			
120	125	6	0.38	0.08	0.08	0.00	0.11			

Driller's Reported Basement at 94 feet.

Overall value from surface to 94 feet. { 0.01 lb./cu. yd. (Sn).  
0.29 oz./Cu. yd. (Cassiterite 70% Sn).

Tel. 11/71 K.

Basement 94'

B.M.I. MINING PTY. LIMITED — TASMANIA

698126

PERCUSSION DRILL LOG

AREA: Endurance

HOLE No.: P229

LINE No.:

SURFACE R.L.: 236.3

BASEMENT R.L.: 148.3

120

DATE: Oct. '72 DRILLING CO.: B.M.I.

RIG No.: 1

DRILLER P. Artis

SAMPLE WASHER: R. Munro

OUR SUPERVISOR: A. Watson

CASING SHOE DIA. 6 3/8"

Section Feet		Sample Code No.	Recovered Volume cu. ft.	WEIGHT Sn.		Value over Interval		Colours of Gold	Description of Strata	Remarks
From	To			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	19								Top soil & silt	
19	45								Coarse sand with traces of 1/2" wash	
45	60									
60	65	E1012	0.81	0.26	0.26	0.02	0.36		45 - 64 Coarse sand	
65	70	3	0.68	0.22	0.22	0.01	0.31		64 - 67 Brown silt	
70	75	4	0.49	0.21	0.21	0.01	0.29			
75	80	5	0.53	0.32	0.32	0.02	0.45		67 - 88 Coarse sand	
80	85	6	0.93	1.25	1.25	0.08	1.74			
85	90	7	0.66	2.84	2.84	0.17	3.96			
90	95	8	0.20	0.26	0.26	0.02	0.36			
95	100	9	0.39	0.48	0.48	0.03	0.67			
100	105	E1020	0.57	0.23	0.23	0.01	0.32		88 - 95 Decomposed granite	
105	110	1	0.42	trace						
110	115	2	1.03	0.08	0.07	0.00	0.09			
115	118'6"	3	0.53	0.07	0.07	0.00	0.09		118'6" Rock granite	

Driller's Reported Basement at 88 feet.

Overall value from surface to 88 feet. { 0.02 lb./cu. yd. (Sn).  
0.49 oz./Cu. yd. (Cassiterite 70% Sn).

Basement 88'

APPENDIX II

MINES DEPARTMENT DRILL LOGS

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

698128

122

22038 M5614 198 (68)

Area: Endurance Hole No. 1 Line No. 10<sup>w</sup> Grid Reference

Crew K. Harper Date 2/69 Clean up by F. Smith Shoe Diameter 5 5/16 Factor 0.154 cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ 1 %	Colours of Gold	Jig Tails % Sn	Cassiterite		Value -lb. OZS. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	5										Black mud	6" casing to 104'-6"
5	15										Clayey drift	No samples washed
15	18										Clay band	Above 115' (tested only)
18	30										Drift	
30	85										Clayey drift	
85	90										Clay	
90	105										Drift	
105	110										Clayey drift	
110	115										" "	
115	120		.5				40.9	21.9			" "	Clay and drift
120	125		7/12				40.2	9.2			Clayey gravel	Clay
125	130										" "	
130	150										Granite	
								Assay %		Adjusted to 70% Sn.		

Roley Ralph

0-130  
160-130

## DEPARTMENT OF MINES-TASMANIA

## Churn Drill Log

698129

123

22038 M5614 196 (68)

Area: ENDURANCE

Hole No. 2 Line No.10W Grid Reference

Crew K. Harper

Date 11/10/68

Clean up by F. Smith

Shoe Diameter 7"

Factor 0.267

cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ # %	Colours of Gold	Big Pebbles % Sn	Cassiterite Gms		Value oz/cy. per %	Formation By Driller	Remarks By Dresser
From	To	Theoretical	Bucket	After Dig Driving				Actual	Adj. 70%			
0	5										Black mud	
5	10			62"							Gravelly clay	
10	15	1.34	.34	62"		9.49	1.2	.15	.11		Drift	Drift
15	20	1.34	.92	68"		10.8	1.6	.25	.18		"	"
20	25	1.34	.57	67"		12.3	1.5	.21	.15		Drift with clay	Clay with drift
25	30	1.34	.81	75"		25.0	6.1	3.05	2.16		" "	Drift
30	35			80"							" "	
35	40	1.34	1.15	86"		50.0	4.0	2.86	2.03		" "	Drift
40	45	1.34	.57	87"		3.45	3.5	.17	.12		Pebbly drift	"
45	50			80"							" "	
50	55			79"							" "	
55	60			80"							Clay	
60	65			80"							Clay with gravel	
65	70			70"							" " "	
70	75			73"							" " "	
								6.69	4.75			
							Assay	%	Adjusted to 70% Sn.			

22036 M5514 196 (68)

# Churn Drill Log

698130

Area:

Hole No. 2 Line No. 10W Grid Reference

24

Crew \_\_\_\_\_ Date \_\_\_\_\_ Clean up by \_\_\_\_\_ Shoe Diameter \_\_\_\_\_ " Factor \_\_\_\_\_ cu. ft. per ft. \_\_\_\_\_

Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails % Sn	Cassiterite Gms.		Value lb. OZ/c.y. pay.	Formation	Remarks	
From	To	Theoretical	Bucket	Jig				Actual	Adj. 70%				
75	80	1.34	.69	80"			3.45	3.9	.19	.14	Drift	Drift	
80	85	1.34	.69	81"			4.60	2.0	.13	.09	Clayey drift	Clay with drift	
85	90	"	1.04	92"			5.35	3.0	.23	.16	Drift	Drift	
90	95	"	1.15	96"			24.8	15.7	5.80	4.12	"	"	
95	100	"	1.15	97"			5.45	83.1	6.48	4.60	"	"	
100	105	"	1.38	101"			30.4	15.7	6.80	4.83	"	"	
105	110	"	.69	85"			33.2	6.9	3.07	2.18	"	"	
110	115	"	.69	84"			63.6	37.5	34.1	24.20	"	"	
115	120	"	.34	56"			60.6	94.0	78.8	55.9	Cemented clayey drift	"	
120	125	"	.34	25"			61.1	61.7	53.9	38.2	"	Clay and drift	
125	130	"	.58				51.3	88.8	65.1	46.2	Wash	Clay, drift and wash	
130	135	"	.58				54.6	106.7	83.4	59.2	"	" " "	
135	140	"	.46				25.3	42.2	15.3	10.9	Cemented clayey drift	- Drift with clay	
140	145	"	.35				24.7	11.6	4.1	2.91	"	Drift with clay	
								364.09	258.38				
								Assay	%	Adjusted to 70% Sn.			

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

698131

22033 M5619 198 (68)

Area:

Hole No. 2 Line No. 10W Grid Reference

125

Crew		Date	Clean up by		Shoe Diameter	" Factor	cu. ft. per ft.						
Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	Jig Falls % Sn	Cassiterite Gms.		Value oz/c.y.	Formation	Remarks	
From	To	Theoretical	Bucket	Jig				Actual	Adj. 70%				
145	150	1.34	.46			2.0	58.9	1.9	1.35	Cemented clayey drift.	Clay and drift.		
150	155	1.34	.46			1.0	15.6	0.2	.14			"	"
									259.87				
									366.2	8.4			
						49.8	20.6	14.8			Pyrite discard from panning.	100'-150'	
Note: Values decreased because of samples taken by geologist before washing.													
									381.0	8.8			
Assay %								Adjusted to 70% Sn.					

0' - 155' 8.8 oz.  
0' - 140' 9.6 oz.  
90' - 140' 23.0 oz.

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

698132

126

22033 M5614 100 (63)

Area: ENDURANCE

Hole No. 3 Line No.10W Grid Reference

Crew K. Harper

Date 30/10/68

Clean up by F. Smith

Shoe Diameter 5  $\frac{5}{16}$ " Factor 0.154

cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	In- Fds %	Cassiterite Gms		Value In OZ. p.c.y.	Formation By Driller	Remarks By Dresser
From	To	Theor- etical	Bucket	Jig				Actual	Adjd.			
0	5										Black mud )	No sampling above 100ft.
5	15									Gravelly Clay )		
15	65									Drift & clay bands		
65	95									" " "		
95	100	.77		85"							Pebbly drift	Changed to 5" casing
100	105	"	.80 3 $\frac{1}{2}$ "	86"		31.2	5.7	2.54	3.11		" "	Drift
105	110	"	.63 2 $\frac{3}{4}$ "	88"		55.7	11.1	8.85	10.8		" "	Pebbles and drift.
110	115	"	.63 2 $\frac{3}{4}$ "	87"		60.4	87.1	75.0	91.05		" "	" "
114	120	"	.46 2"	80"		67.6	155.9	150.6	183.5		Stiff clay & wash stone.	" "
120	125	"	.23 1"			63.1	118.1	106.3	179.5		" " "	Clay drift and pebbles.
125	130	"	.46 2"			56.3	69.1	55.6	67.8		" " "	" " "
130	135	"	.69 3"			57.9	100.6	83.2	101.5		" " "	" " and wash.
135	140	"	.46 2"			63.0	70.8	63.6	77.5		Clay and gravel	Clay and drift
140	145	"	.12 1 $\frac{1}{2}$ "			54.0	50.6	29.0	47.5		" "	Clay and gravel.
								584.7	712.7			
								Assay	%	Adjusted to 50% Sn.		

# Churn Drill Log

Area:

Hole No. 3 Line No. 10 Grid Reference

698133

127

Crew \_\_\_\_\_ Date \_\_\_\_\_ Clean up by \_\_\_\_\_ Shoe Diameter \_\_\_\_\_ " Factor \_\_\_\_\_ cu. ft. per ft. \_\_\_\_\_

Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	Tails Sn.	Cassiterite		Value lb. OZ. p.c.y.	Formation	Remarks
		Theoretical	Bucket	Jig				Actual	Adj.			
145	150	.77	.92			60.7	34.5 (29.2)	584.7 25.3	7112.7 30.8	Clay and gravel	Clay and drift	
150	155	.77	.92			50.6	14.8 (12.5)	9.8	11.9	" " "	" " "	
155	160	.77	.46			55.6	5.7	4.5	5.5	" " "	Clay and granite	
160	165								760.9	Soft granite		
									624.3			
						21.3	28.3	8.6		Pyrite discard from panning.	Note: Owing to tight ground it was necessary to bore 1" ahead of casing before driving. Core recovery exceeded 100% from 145' to 155' and correction has been made to this.	
									632.9	24.1		

Assay

%

Adjusted to 70% Sn.

0 - 160' = 24 oz/cy  
100' - 160' = 64 oz/cy

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

698134

128

22038 M5614 196 (68)

Area: Endurance

Hole No. 4 Line No. 10W Grid Reference

Crew K. Harper

Date 15.11.68

Clean up by F. Smith

Shoe Diameter 5 <sup>5</sup>/<sub>16</sub>" Factor 0.154 cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+   %	Colours of Gold	Jig Tails % Sn	Cassiterite		Value lb. OZ. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig Core				Actual	Adj.			
0	8										Black mud.	
8	12										Gravel	
12	40										Clayey drift	
40	50										Drift	
50	55										White clay	
55	65										Clayey drift	
65	80										Drift	
80	90										Clayey drift & wood	
90	100										Drift	
100	105	0.77	5/12	80"		15.8	3.0	6.7	8.2		Drift	
105	110	"	1/2	92"		48.6	9.8	6.8	8.4		Drift	
110	115	"	1/2	98"		62.3	47.2	42.0	51.9		Drift, clay & odastone	
115	120	"	1/2	94"		66.3	37.5	35.5	43.9		" " "	
120	125	"	1/2	97"		64.6	25.0	23.1	28.6		" " "	
125	130	"	1/2	98"		66.2	46.3	43.8	54.0		" " "	
								157.9	195.1			
Assay %								Adjusted to 70% Sn.				



22038 M3614 106 (62)

# Churn Drill Log

698136

139

Area: Endurance

Hole No. 5 Line No. 107 Grid Reference

Crew K. Harper Date 26/11/68 Clean up by F. Smith Shoe Diameter 5 5/16 Factor 0.154 cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ 8 %	Colours of Gold	Jig Tails % Sn	Cassiterite Gms		Value £ OZ. p.c.y.	Formation By Driller	Remarks By Dresser
From	To	Theoretical	Bucket	Jig				Actual	70%			
0	10										Black Mud	
10	45										Drift	
45	60										Clayey drift	
60	70										Silty clay & Wood	
70	100										Drift & Clay bands	
100	105										" " "	
105	110	0.77	1/2	53"		36.2	1.4	.73	.90		" " "	Drift
110	115	"	3/8	56"		51.4	5.6	4.13	5.1		" " "	"
115	120	"	5/12	82"		60.3	49.4	42.6	52.6		Pebbly Drift	Drift & Pebbles
120	125	"	1/2			64.7	39.0	36.1	44.6		Drift pebbles	Drift
125	130	"	7/12			61.4	36.1	31.4	38.8		" "	"
130	135	"	7/12			64.2	76.8	70.5	87.2		Drift & Wood	Drift & Wood
135	140	"	7/12			66.2	155.4	147.2	84.5		" " "	Drift
140	145	"	1/2			65.1	74.4	69.3	85.6		Drift	Drift
								402.0	499.3			
								Assay	%		Adjusted to 70% Sn.	

## Churn Drill Log

Area:

Hole No. 5 Line No. 10 Grid Reference

698137

Crew \_\_\_\_\_ Date \_\_\_\_\_ Clean up by \_\_\_\_\_ Shoe Diameter \_\_\_\_\_ " Factor \_\_\_\_\_ cu. ft. per ft. \_\_\_\_\_

131

Section Feet		Volume, Cu. ft.			+ f %	Colours of Gold	Jig Tails % Sn	Cassiterite Gms		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj. 70%			
145	150	0.77	1/2			61.4	67.2	402.0	499.3	Drift Gravelly clay Soft Granite	Drift. Drift & Granite Soft Granite	
150	152					49.5	17.3	59.0	73.0			
152	155					.01	43.5	12.2	15.2			
								473.2	537.4			
								19.3	19.3			
						32.9	30.1	14.2			Pyrite discard from panning	
								487.4				
								Assay	%	19.8	Adjusted to 70% Sn.	

0 - 152 = 19.8 oz/cy  
 100 - 152 = 57.5 " "

## Churn Drill Log

Area: ENDURANCE

Hole No. 6 Line No. 10W Grid Reference

698138

Crew K. Harper Date 10/12/68

Clean up by F. Smith

Shoe Diameter 5- $\frac{5}{16}$ " Factor

cu. ft. per ft.

Section		Volume, Cu. ft.			+ 1 %	Colours of Gold	Jig Pails % Sn	Cassiterite Gms.		Value lb. OZ. p.c.y.	Formation  By Driller	Remarks  By Dresser	
From	To	Theor- etical	Bucket	Jig				Actual	Adj.				
0	8										Black mud		
8	12										Gravel		
12	40										Drift		
40	55										Clayey Drift		
55	75										Clay, drift & wood		
75	100										Drift		
100	105	.77	$\frac{4}{3}$	69"		28.1	3.0	1.2	1.5		Pebbly drift	Drift	
105	110	"	$\frac{5}{6}$	76"		48.1	4.9	3.4	4.2		" "	Drift & Pebbles	
110	115	"	$\frac{1}{3}$	65"		55.6	14.5	11.5	14.2		Clayey drift	Drift, pebbles & clay	
115	120	"	$\frac{1}{2}$	92"		58.5	22.0	18.4	22.7		Drift	Drift	
120	125	"	$\frac{5}{12}$	88"		55.7	14.7	11.7	14.4		Clay & drift	"	
125	130	"	$\frac{5}{12}$	91"		57.3	36.2	29.6	36.5		" "	Drift & clay	
130	135	"	$\frac{1}{3}$	57"		50.6	48.9	35.4	43.7		Silty clay	" "	
135	140	"	$\frac{1}{3}$	54"		53.4	28.1	21.4	26.4		" "	" "	
								132.6		163.6			
							Assay	%	Adjusted to 70% Sn.				

# Churn Drill Log

Area:

Hole No. 6 Line No. 10W Grid Reference

698139

Crew \_\_\_\_\_ Date \_\_\_\_\_ Clean up by \_\_\_\_\_ Shoe Diameter \_\_\_\_\_ " Factor \_\_\_\_\_ cu. ft. per ft. \_\_\_\_\_

Section		Volume, Cu. ft.			+/- %	Colours of Gold	Jig Tails % Sn	Cassiterite Gms.		Value lb. OZ. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
140	145	.77	1 1/2			57.7	31.2	132.6	163.6	Clay & wash	Clay & stones	
145	150	"	1 1/2			33.6	22.4	25.6	31.6	Gravelly clay	" "	
								10.8	13.3	Granite bottom	Granite	
								169.0	208.5			
						17.2	13.3	3.3		Pyrite discard from panning		
								172.3			100'-4" of 6" casing Samples from 105' in 5" casing. Bored 1' ahead of casing from 140'	
								Assay	%	Adjusted to 70% Sn.		

0 - 150 7 oz/cy.  
100 - 150 21 " "

132

Area: Endurance

Hole No. 7 Line No. 10W Grid Reference

698140

Crew K. Harper

Date 18/12/68

Clean up by F. Smith

Shoe Diameter 5<sup>5/16</sup> Factor 0.1 4 cu. ft. per ft.

13A

Section Feet		Volume, Cu. ft.			+ 1 %	Colours of Gold	Jig Tails % Sn	Cassiterite Gms		Value -lb- OZ. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	1 1/2										Black soil	No samples taken above 110' but all checked for tin. Character of wash changed at 110'. No core measurement as casing was a head of pump to 115'
1 1/2	3 1/2									Clay		
3 1/2	25									Clayey gravel		
25	55									Drift		
55	82									Drift and wood		
82	85									" "		
85	95									Gravelly drift		
95	99									Black sediment		
99	105									Pebbly wash		
105	110	.77	5/6			66.1	84.3	79.6	98.4	" "	Drift and wash	
110	115	"	1/3			57.9	19.9	16.5	20.4	Gravelly clay	Drift and clay	
115	120	"	1/3			39.6	9.8	5.7	7.0	Soft granite	Clay and garnet	
120	123									" "		
								101.8	125.8			
									5.2	5.2		
							Assay	%	Adjusted to 70% Sn.			
												0'-120' 5.2 oz/cy
												100'-120' 30 oz/cy

# Churn Drill Log

22033 M5614 196 (68)

Area: Endurance

Hole No. 8 Line No. ? Grid Reference

698141

Crew K. Harper Date 14/2/69 Clean up by F. Smith Shoe Diameter 5/16 Factor 0.154 cu. ft. per ft.

135

Section		Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails % Sn	Cassiterite		Value lb. oz. p.c.y.	Formation	Remarks	
From	To	Theoretical	Bucket	Jig				Actual	Adj.				
0	10										Black Mud		
10	25										Drift		
25	30										Clayey drift		
30	65										Drift		
65	68										Clay and wood		
68	85										Drift		
85	100										Drift		
100	105	0.77	1/2	102'		58.2	32.2	26.8	33.1		Pebbly drift	Drift	
105	110		1/2	82'		56.9	23.9	19.5	24.1		Clay and gravel	Clay and drift	
110	115		5/12	84		53.9	21.1	16.2	20.0		" " "	Clay and gravel	
115	120		1/3	46		58.9	31.4	26.4	32.6		" " "	" " "	
120	125		5/12			58.8	50.7	42.6	52.6		Pebbly wash and clay	" wash and gravel	
125	130		1/2			58.0	34.1	32.4	40.0		Gravel and clay stone.	Clay and gravel	
130	135		1/2			51.4	29.4	21.6	26.7		" " "	" " "	
135	140		1/2			55.4	65.9	52.2	64.5		" " "	" " "	
								237.7	293.6				
							Assay	%	Adjusted to 70% Sn.				

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

22038 M5614 196 (68)

Area: Endurance

Hole No. 8 Line No. E Grid Reference

698142

136

Crew		Date	Clean up by		Shoe Diameter	" Factor	cu. ft. per ft.					
Section Feet	Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails	Cassiterite Gms.		Value lb. OZ. p.c.y.	Formation	Remarks	
	From	To	Theoretical				Bucket	Jig				Actual
140	145					49.5	51.9	237.7 36.7	93.6 45.4	Cemented gravelly clay	Cemented gravel and clay	
135	150					40.7	12.2	7.1	8.8	Clay gravel from 143'	" " " "	
150	156									Granite		
						Seconds 17.0	45.1	11.0	11.6			
								292.5	12.1			
							Assay	%		Adjusted to 70% Sn.		

0 - 150' 12 oz/cy  
100 - 150' 36 oz/cy

# Churn Drill Log

Area: Endurance

Hole No. 9 Line No. E Grid Reference

698143

Crew K. Harper Date 4/3/69

Clean up by F. Smith

Shoe Diameter 5 5/16" Factor

cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ # %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	15											
15	30											
55	77											
77	80											
80	82											
82	90											
90	93											
93	105											
105	110											
110	115											
115	120											
								Assay	%	Adjusted to 70% Sn.		

1374

115' Trace

# Churn Drill Log

22038 M5614 196 (68)

Area: Endurance

Hole No. 10 Line No. Grid Reference

698144

Crew K. Harper

Date 13/3/69

Clean up by F. Smith

Shoe Diameter 5 5/16 Factor

cu. ft. per ft.

138

Section Feet		Volume, Cu. ft.			+ 1 %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	15										No trace of Sn.	
15	25									Black Mud		
25	65									Gravel		
65	84									Clayey gravel		
84	86									Fine drift		
86	100									Cemented gravel		
100	105									Drift		
105	112									Clayey drift		
										Granite		
								Assay %		Adjusted to 70% Sn.		

105' Nil



B.M.I. MINING PTY. LTD.

ENDURANCE DRILLING PROGRAMME  
SOUTH MOUNT CAMERON TASMANIA  
END OF PHASE 1

Feb. 1973

by

DR. J. C. STANDARD  
Consulting Geologist

VOLUME II

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APPENDIX III

AUGER DRILL LOGS

B.M.I. MINING PTY. LIMITED — TASMANIA

698148

142

# AUGER DRILL LOG

AREA: **Endurance**

HOLE No.: **A101**

LINE No.:

SURFACE R.L.: **236.8**

BASEMENT R.L.: **144.8**

DATE: **August, 71** DRILLING CO.: **W.L. Sides & Co** FIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	2			Black top soil.	
2	15			Soft silty sand clay.	
15	35			Fine sand and silt.	
35	47			Coarse sand.	
47	50			Bands of small wash.	
50	90			Coarse sand, bands of clay.	
90	94			Soft white clay.	
94	104			Large wash.	
104'6				Hard bottom, unable to drill further.	

Basement: Reported by Driller at **104'6"** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698149

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A102**

LINE No.:

SURFACE R.L.: **234.8**

BASEMENT R.L.: **129.8**

143

DATE: **August, 71** DRILLING CO.: **W.L. Sides & Co** SIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	3			Brown silt.	
3	14			Soft silty puggy sand.	
14	36			Coarse sand.	
36	40			Small birds eye wash.	
40	80			Coarse sand with bands of clay and traces of small wash.	
80	97			Soft clay mixed with coarse sand.	
97	104			Heavy drift, traces of small wash.	
104	109			Soft decomposed granite.	

Basement: Reported by Driller at **105** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698150

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A103

LINE No

SURFACE RL 233.9

BASEMENT RL 134.9

DATE: August, 71 DRILLING CO.: W.L. Sides & CORIG No.: R39

DRILLER A. Watson

SAMPLE WASHER:

G. Artls

OUR SUPERVISOR R. Hyde

AUGER BIT DIA

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4			Brown silty mud.	
4	45			Fine and coarse sand.	
45	69			Heavy drift.	
69	71			Soft white clay.	
71	105			Heavy drift with bands of clay.	
105	112			Soft green decomposed granite.	

Basement: Reported by Driller at 105 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698151

145

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A104**

LINE No.:

SURFACE R.L.: **233.4**

BASEMENT R.L.: **142.4**

DATE: **August, 7** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	13			Silty muddy clay.	
13	78			Coarse sand.	
78	87			Heavy drift.	
87	97			Heavy drift, traces of small wash.	
97				Hard bottom, unable to drill further.	

Basement: Reported by Driller at **97** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

148

**AUGER DRILL LOG**

698152

AREA: **Endurance**

HOLE No.: **A105**

LINE No.:

SURFACE R.L.: **233.4**

BASEMENT R.L.: **148.4**

DATE: **August, 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	16			Soft silty mud.	
16	82			Fine coarse sand.	
82	84			Traces of small wash.	
84	88			Decomposed green granite.	

Batement: Reported by Driller at **85** feet.

. Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698153

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A106

LINE No.:

SURFACE R.L.: 233.9

BASEMENT R.L.: 131.9

DATE: August, 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: G. Artis

OUR SUPERVISOR: R. Hyde

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	16			Soft silt and black.	
16	84			Coarse sand and drift.	
84	95			White clay.	
95	102			Soft silty clay mixed with heavy drift.	
102	103			Green decomposed granite.	

Basement: Reported by Driller at 102 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698154

148

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A107

LINE No. :

SURFACE R.L. 233.0

BASEMENT R.L. 132.0

DATE: Sept. 71 DRILLING CO.: W.L. Sides

RIG No. : R39

DRILLER A. Watson

SAMPLE WASHER : G. Artis

OUR SUPERVISOR B. Francis

AUGER BIT DIA : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	16			Silty mud.	
16	64			Coarse sand, bands of clay.	
64	67			Soft white clay.	
67	85			Heavy drift.	
85	101			Soft silty clay mixed with heavy drift.	
101	102			Dark green decomposed granite.	

Basement : Reported by Driller at 101 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698155

149

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A108**

LINE No.:

SURFACE R.L.: **233.8**

BASEMENT R.L.: **136.8**

DATE: **Sept. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR:

**R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	12			Brown silt.	
12	38			Coarse sand.	
38	83			Heavy drift.	
83	86			Soft white clay.	
86	129			Soft clay mixed with drift.	
129	150			Green soft clay mixed with drift.	
150	155			Decomposed granite.	

Basement: Reported by Driller at **150** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698156

150

AREA: **Endurance**

HOLE No.: **A109**

LINE No

SURFACE R L **233.4**

BASEMENT R L: **134.4**

DATE: **Sept. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR

AUGER BIT DIA, **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	11			Silty mud.	
11	30			Coarse sand.	
30	33			Soft clay.	
33	87			Coarse sand, bands of clay.	
87	136			Soft silty clay mixed with heavy drift.	
136	147			Drift and wash.	
147	148			Decomposed dark brown and green granite.	

Basement: Reported by Driller at **147** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698157

151

AREA: **Endurance**

HOLE No.: **A110**

LINE No.:

SURFACE R.L.: **233.6**

BASEMENT R.L.: **150.6**

DATE: **Sept. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER

**A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **B. Francis**

AUGER BIT DIA. **.6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	12			Silty mud.	
12	37			Coarse sand.	
37	66			Drift.	
66	76			Clay.	
76	81			Heavy drift, traces of small wash.	
81	142			Soft silty clay mixed with heavy wash.	
142	143			Decomposed granite.	

Basement: Reported by Driller at **142** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698158

152

AREA: **Endurance**

HOLE No.: **A111**

LINE No.:

SURFACE R.L.: **233.6**

BASEMENT R.L.: **106.6**

DATE: **August, 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	5			Black silty mud.	
5	40			Fine and coarse sand.	
40	70			Coarse sand and heavy drift.	
70	82			Heavy drift.	
82	102			Coarse sand and drift with bands of clay.	
102	127			Soft silty clay mixed with coarse gravel.	
127	129			Decomposed granite, green and white in colour.	

Basement: Reported by Driller at **127** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698159

133

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A112

LINE No.:

SURFACE R.L.: 233.9

BASEMENT R.L.: 144.9

DATE: August, 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER:

G. Artis

OUR SUPERVISOR: R. Hyde

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	5			Black silty mud.	
5	20			Coarse sand.	
20	23			Bands of hard native cement.	
23	62			Coarse sand with bands of clay.	
62	89			Soft silty clay mixed with coarse gravel.	
89	91			Decomposed green and white granite.	

Basement: Reported by Driller at 89 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698160

15A

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A113**

LINE No.:

SURFACE R L **233.8**

BASEMENT R L: **143.8**

DATE **August, 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER **G. Artis**

OUR SUPERVISOR **R. Hyde**

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4			Black mud.	
4	27			Coarse sand.	
27	29			Bands of hard clay.	
29	61			Coarse sand with bands of clay.	
61	90			Soft silty clay with coarse gravel.	
90	91			Decomposed granite, green and white in colour.	

Basement: Reported by Driller at **90** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698161

150

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A114**

LINE No.:

SURFACE R.L.: **233.6**

BASEMENT R.L.: **151.6**

DATE: **August, 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	4			Black mud.	
4	42			Coarse sand.	
42	82			Soft silty clay mixed with coarse sand, light green in colour.	
82	84			Decomposed green and white granite.	

Statement: Reported by Driller at **82** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698162

150

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A115

LINE No. :

SURFACE R.L. : 236.0

BASEMENT R.L. : 147.0

DATE : Sept. 71 DRILLING CO. : Monopumps

RIG No. : Gemco DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Black sand.	
1	12			Brown sand and fine wash.	
12	18			Brown sandy wash.	
18	71			Grey and brown sandy wash.	
71	89			Grey sandy wash.	
89	90			Decomposed granite.	

Basement : Reported by Driller at 89 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698163

151

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A116**

LINE No.:

SURFACE R.L.: **235.2**

BASEMENT R.L.: **149.2**

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER **6"**  
BIT DIA.:

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	1			Black sand.	
1	11			Brown sandy clay.	
11	50			Brown sandy wash.	
50	71			Brown sandy wash.	
71	86			Grey sandy wash.	
86	90			Decomposed granite.	

Basement: Reported by Driller at **86** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698164

158

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A117

LINE No

SURFACE R/L 235.3

BASEMENT R/L 158.3

DATE : Sept. 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER

OUR SUPERVISOR

AUGER BIT DIA

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Brown sandy clay.	
2	15'6"			Brown sand and fine wash.	
15'6"	56			Brown sandy wash.	
56	77			Brown sandy wash.	
77	78			Decomposed granite.	

Basement : Reported by Driller at 77 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698165

**AUGER DRILL LOG**

AREA : **Endurance**

HOLE No. : **A118**

LINE No. :

SURFACE R.L. : **235.6**

BASEMENT R.L. : **145.6**

153

DATE : **Sept. 71** DRILLING CO. : **Monopumps**

RIG No. : **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1'6"			Brown sand.	
1'6"	6			Brown sand and fine wash.	
6	12			Brown sand and fine wash.	
12	60			Brown sandy wash.	
60	90			Grey sandy wash.	
90	100			Decomposed granite.	

Basement : Reported by Driller at **90** feet.

Deduced from samples **feet.**

B.M.I. MINING PTY. LIMITE

# AUGER DRILL LOG

AREA: **Endurance**

HOLE No.: **A119**

LINE No.:

SURFACE R.L. **235.4**

BASEMENT R.L. **130.**

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE  
WASHER:

OUR  
SUPERVISOR:

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	1			Tailings.	
1	2			Black sand.	
2	11			Dark brown sand and fine wash.	
11	54			Brown sandy wash.	
54	78			Dark brown sandy wash.	
78	99			Grey sandy wash.	
99	100			Decomposed granite.	

Basement: Reported by Driller at **99** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698167

161

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A120

LINE No.:

SURFACE R.L.: 238.5

BASEMENT R.L.: 150.5

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	6			Tailings.	
6	7			Black sand.	
7	26			Dark brown sand and fine wash.	
26	60			Brown sandy wash.	
60	64			Pug.	
64	88			Dark brown sandy wash.	
88	93			Decomposed granite.	

Basement: Reported by Driller at 88 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698168

162

# AUGER DRILL LOG

AREA : Endurance

HOLE No. : A121

LINE No. :

SURFACE R.L. : 238.4

BASEMENT R.L. : 148.4

DATE Sept. 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	8			Tailings.	
8	9			Black sand.	
9	25			Dark brown sand and fine wash.	
25	88			Brown sandy wash.	
88	90			White sandy pug.	
90	96			Decomposed granite.	

Basement : Reported by Driller at 90 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698169

163

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A122

LINE No.:

SURFACE R.L.: 239.4

BASEMENT R.L.: 145.4

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	9			Tailings.	
9	10			Black sand.	
10	26			Dark brown sand and fine wash.	
26	89			Brown sandy wash.	
89	94			White sandy clay and wash.	
94	96			Decomposed granite.	

Basement: Reported by Driller at 94' feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698170

164

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A123

LINE No.:

SURFACE R.L.: 240.1

BASEMENT R.L.: 139.1

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	9			Tailings.	
9	10			Black sand.	
10	29			Dark brown sand and fine wash.	
29	72			Brown sandy wash.	
72	74			Pug.	
74	89			Dark brown sandy wash.	
89	101			White sandy clay and wash.	
101	108			Decomposed granite.	

Basement: Reported by Driller at 101 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698171

165

**AUGER DRILL LOG**

AREA : **Endurance**

HOLE No. : **A124**

LINE No. :

SURFACE R.L. : **241.1**

BASEMENT R.L. : **138.1**

DATE : **Sept. 71** DRILLING CO. : **Monopumps**

RIG No. : **Gemco**

DRILLER : **D. Bannister**

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	10' 6"			Tailings.	
10' 6"	29			Brown sandy wash.	
29	78			Brown sandy wash.	
78	83			Pug.	
83	90			Brown sandy wash.	
90	103			White sandy clay and wash.	
103	108			Decomposed granite.	

Basement : Reported by Driller at **103** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698172

100

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A125

LINE No

SURFACE RL: 239.0

BASEMENT RL 182.0

DATE: October, 71, DRILLING CO.: W.L. Sides & Co. RIG No.: R39 DRILLER A. Watson SAMPLE WASHER J. Artis OUR SUPERVISOR: G. Holloway AUGER BIT DIA: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	13			Black mud.	
13	16			Silty mud.	
16	50			Coarse sand.	
50	54			Blue drift clay.	
54	57			Yellow drift clay.	
57	60			White decomposed granite.	

Basement: Reported by Driller at 57 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698173

167

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A125

LINE No. :

SURFACE R.L. : 241.8

BASEMENT R.L. : 150.8

DATE Sept. 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. :

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	8			Tailings.	
8	17			Brown sand and fine wash.	
17	66			Brown sandy wash.	
66	91			White sandy clay and wash.	
91	100			Decomposed granite.	

Basement : Reported by Driller at 91 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698174

168

AREA : Endurance

HOLE No. : A126

LINE No. :

SURFACE R.L. : 242.3

BASEMENT R.L. : 158.3

DATE : Sept. 71 DRILLING CO., Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. , 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	9			Tailings.	
9	16			Brown sand and fine wash.	
16	68			Brown sandy wash.	
68	84			White sandy clay and wash.	
84	90			Decomposed granite.	

Basement : Reported by Driller at 84 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698175

**AUGER DRILL LOG**

169

AREA: Endurance

HOLE No.: A127

LINE No.:

SURFACE R.L.: 242.2

BASEMENT R.L.: 162.2

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	9'6"			Tailings.	
9'6"	17			Brown sand and fine wash.	
17	49			Brown sandy wash.	
49	60			Greyish brown sandy clay and wash.	
60	82			White sandy clay and wash.	
82	90			Decomposed granite.	

Basement: Reported by Driller at 82 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698176

170

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A128**

LINE No.:

SURFACE R.L.: **242.0**

BASEMENT R.L.: **157.0**

DATE **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco** DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	9			Tailings.	
9	18			Brown sand and fine wash.	
18	32			Greyish brown sandy wash.	
32	46			Greyish brown sandy clay and wash.	
46	85			White sandy clay and wash.	
85	90			Decomposed granite.	

Basement: Reported by Driller at

**85** feet.

Deduced from samples

feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698177 171

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A129

LINE No.:

SURFACE R.L.: 241.1

BASEMENT R.L.: 173.1

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	8			Tailings.	
8	10			Black sand.	
10	19			Brown sand and fine wash.	
19	49			Greyish brown sandy wash.	
49	68			Brown sandy clay and wash.	
68	84			Decomposed granite.	

Basement: Reported by Driller at 68 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698178

1172

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A130

LINE No.:

SURFACE R.L.: 240.2

BASEMENT R.L.: 159.2

DATE: August, 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	7			Tailings.	
7	9			Black sand.	
9	18			Dark brown sand and fine wash.	
18	54			Grey-brown sandy wash.	
54	58			" " " "	
58	81			Grey sandy wash.	
81	90			Decomposed granite.	

Basement: Reported by Driller at 81 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698179

173

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A131

LINE No.:

SURFACE R.L.: 251.0

BASEMENT R.L.: 144.0

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister.

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	17			Tailings.	
17	36			Brown sand and fine wash.	
36	62			Greyish brown sandy wash.	
62	90			Brown sandy wash.	
90	107			Grey sandy wash.	
107	114			Decomposed granite.	

Basement: Reported by Driller at 107 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698180

17A

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A132**

LINE No.:

SURFACE R.L.: **258.6**

BASEMENT R.L.: **150.6**

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER: **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	28			Tailings.	
28	49			Brown sand and fine wash.	
49	83			Brown sandy wash.	
83	108			Grey sandy wash.	
108	120			Decomposed granite.	

Basement: Reported by Driller at **108** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698181

175

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A133**

LINE No.:

SURFACE R.L.: **262.4**

BASEMENT R.L.: **169.4**

DATE **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER **6"**  
BIT DIA.:

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	30			Tailings.	
30	41			Brown sand and fine wash.	
41	55			Brown sandy wash.	
55	93			Coarse sandy clay and wash.	
93	106			Decomposed granite.	

Basement: Reported by Driller at **93** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698182

176

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A134

LINE No.:

SURFACE R.L.: 264.7

BASEMENT R.L.: 165.7

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. "

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	32			Tailings.	
32	39			Brown sand and fine wash.	
39	58			Brown sandy wash.	
58	99			White sandy clay and wash.	
99	102			Decomposed granite.	

Basement: Reported by Driller at 99 feet.

Deduced from: samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698183

177

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A135

LINE No.:

SURFACE R.L.: 263.8

BASEMENT R.L.:

167.8

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	33			Tailings.	
33	40			Brown sand and fine wash.	
40	60			Brown sandy wash.	
60	96			White sandy clay and wash.	
96	103			Decomposed granite.	

Basement: Reported by Driller at 96 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698184

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A136

LINE No. :

SURFACE R.L. : 262.7

BASEMENT R.L. : 177.7

1178

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	29			Tailings.	
29	49			Brown sand and fine wash.	
49	63			Brown sandy wash.	
63	85			White sandy clay and wash.	
85	100			Decomposed granite.	

Basement : Reported by Driller at 85 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698185

173

AREA: **Endurance**

HOLE No.: **A137**

LINE No.:

SURFACE R.L.: **260.6**

BASEMENT R.L.: **185.6**

DATE **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER

**D. Bannister**

SAMPLE  
WASHER:

OUR  
SUPERVISOR:

AUGER  
BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	26			Tailings.	
26	48			Brown sand and fine wash.	
48	75			White sandy clay and wash.	
75	84			Decomposed granite.	

Basement: Reported by Driller at **75** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698186

120

# AUGER DRILL LOG

AREA: Endurance

HOLE No.: A138

LINE No.:

SURFACE R.L.: 257.9

BASEMENT R.L.: 191.9

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	22			Tailings.	
22	43			Brown sand and fine wash.	
43	66			White sandy wash.	
66	72			Decomposed granite.	

Basement: Reported by Driller at 66 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698187

181

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A139

LINE No. :

SURFACE R.L. : 255.3

BASEMENT R.L. : 201.3

DATE Sept. 71 DRILLING CO. : Monopumps

RIG No. Gemco

DRILLER D Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER 6" BIT DIA. :

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	20			Tailings.	
20	32			Brown sand and fine wash.	
32	54			Brown sandy wash.	
54	60			Decomposed granite.	

Basement : Reported by Driller at 54 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698188

182

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A140**

LINE No.:

SURFACE R.L.: **233.7**

BASEMENT R.L.: **158.7**

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Genco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4			Black sandy clay.	
4	13			Brown sandy clay and fine wash.	
13	54			Brown sandy wash.	
54	75			White sandy wash.	
75	78			Decomposed granite.	

Basement: Reported by Driller at **75** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698189

183

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A141

LINE No.:

SURFACE R.L. 233.7

BASEMENT R.L.: 164.7

DATE Sept. 71 DRILLING CO. Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4'6"			Black clay.	
4'6	12			Brown sand and fine wash.	
12	56			Brown sandy wash.	
56	69			White sandy wash.	
69	71			Decomposed granite.	

Basement: Reported by Driller at 69 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698190

184

AREA : Endurance

HOLE No. : A142

LINE No. :

SURFACE R.L. : 234.9

BASEMENT R.L. : 184.9

DATE : Sept. 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER : D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	3			Black clay.	
3	12			Brown sandy clay.	
12	25			Brown sand and fine wash.	
25	50			Brown sandy wash.	
50	52			Decomposed granite.	

Basement : Reported by Driller at 50 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698191

**AUGER DRILL LOG**

185

AREA: Endurance

HOLE No.:

A143

LINE No.:

SURFACE R.L.:

236.3

BASEMENT R.L.:

191.3

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER 6" BIT DIA.:

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	5			Black sandy clay.	
5	27			Black sand and fine wash.	
27	41			Brown sandy wash.	
41	45			White sand.	
45	48			Decomposed granite.	

Basement: Reported by Driller at 45 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698192

186

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A145

LINE No.:

SURFACE R.L.: 248.6

BASEMENT R.L.: 152.6

DATE: Sept. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: E. King

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	5			Black sandy top soil.	
5	54			Fine sand.	
54	64			Brown clay.	
64	69			Heavy drift.	
69	83			Puggy drift.	
83	86			White clay.	
86	92			Heavy drift.	
92	94			Brown clay.	
94	96			Green sandy clay.	
96	97			Green and grey decomposed granite.	

Basement: Reported by Driller at 96 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698193

187

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A146

LINE No.:

SURFACE R.L.: 252.1

BASEMENT R.L.: 143.1

DATE: Sept. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: E. King

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	12			Fine sandy clay.	
12	40			Coarse sand.	
40	59			Heavy drift, bands of soft clay.	
59	62			Brown clay.	
62	67			Heavy drift.	
67	85			Brown clay.	
85	99			Heavy drift.	
99	102			Soft clay mixed with drift.	
102	105			Blue clay mixed with drift.	
105	109			Yellow clay mixed with drift.	
109	112			Soft decomposed granite.	

Basement: Reported by Driller at 109 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698194

69138

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A147

LINE No.:

SURFACE R.L.: 253.1

BASEMENT R.L.: 133.1

DATE: Sept. 71 DRILLING CO.: W.L. Sides & Co RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: E. King

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Black top soil.	
1	10			Yellow fine puggy sand.	
10	15			Fine sand.	
15	58			Coarse sand, bands of soft clay.	
58	82			Heavy drift, bands of soft clay.	
82	90			Brown clay.	
90	96			Heavy drift.	
96	104			Drifty clay.	
104	115			Fine putty sand.	
115	117			Small wash.	
117	120			Brown clay.	
120	123			Light green and grey decomposed granite.	

Basement: Reported by Driller at 120 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698195

130

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A148

LINE No.:

SURFACE R.L.: 251.0

BASEMENT R.L.: 122.0

DATE: Sept. 71

DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER: A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: E. King

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	10			Sandy Yellow clay.	
10	47			Coarse sand.	
47	58			Brown clay.	
58	72			Drift bands of soft clay.	
72	95			Heavy drift.	
95	100			White clay.	
100	129			Heavy drift, traces of small drift from 120 ft.	
129	132			Decomposed granite.	

Basement: Reported by Driller at 129' feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698196

189

AREA: Endurance

HOLE No.: A149

LINE No.:

SURFACE R.L.: 251.9

BASEMENT R.L.: 119.9

DATE: Sept. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39 DRILLER A. Watson SAMPLE WASHER: J. Artis OUR SUPERVISOR: E. King AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black mud.	
2	8			Grey soft clay.	
8	15			Fine sand.	
15	56			Coarse sand.	
56	71			Drift, soft bands of clay.	
71	80			Brown clay.	
80	92			Heavy drift.	
92	96			White clay.	
96	104			Soft drift clay.	
104	109			Fine putty sand.	
109	124			Heavy droft with a trace of small wash.	
124	126			Brown clay.	
126	132			Yellow clay mixed with drift.	
132	133			Decomposed granite.	

Basement: Reported by Driller at 132 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698197

191

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A150

LINE No.:

SURFACE R.L.: 255.6

BASEMENT R.L.: 105.6

DATE: Sept. 71 DRILLING CO.: W.L. Sides & Co. BIG No.: R39

DRILLER A. Watson

SAMPLE WASHER, J. Artis

OUR SUPERVISOR: E. King

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	9			Sandy clay.	
9	13			Fine sand.	
13	58			Coarse sand and drift.	
58	68			Brown clay.	
68	83			Brown clay.	
83	85			White clay.	
85	90			Drift.	
90	92			White clay.	
92	96			Fine putty sand.	
96	104			Drift.	
104	108			White clay.	
108	110			" "	
110	118			Drift.	
118	127			Fine sand.	
127	129			White clay.	
129	132			Fine sand.	
132	148			Drift.	

Basement: Reported by Driller at feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698198

192

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A150**

LINE No.:

SURFACE R.L.:

BASEMENT R.L.:

DATE:

DRILLING CO.:

RIG No.:

DRILLER

SAMPLE  
WASHER:

OUR  
SUPERVISOR:

AUGER  
BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
148	150			White clay.	
150	152			White decomposed granite.	

Basement: Reported by Driller at **150** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698199

193

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A151

LINE No.:

SURFACE R.L.: 256.9

BASEMENT R.L.: 97.9

DATE: Sept. 71 DRILLING CO. W.L. Sides & Co. RIG No.: R39 DRILLER A. Watson SAMPLE WASHER: J. Artis OUR SUPERVISOR: E. King AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	6			Fine puggy sand, brown.	
6	29			Fine sand.	
29	57			Coarse sand.	
57	60			Grey clay.	
60	68			Heavy drift.	
68	82			Brown clay.	
82	85			Drift with bands of clay.	
85	94			Drift with bands of clay.	
94	105			Drift.	
105	108			Fine sand.	
108	112			White clay mixed with drift.	
112	118			Drift.	
118	120			White clay.	
120	127			Fine sand and drift.	
127	141			Large wash.	
141	159			Drift and coarse sand.	
159	162			Decomposed white granite.	

Basement: Reported by Driller at 159 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698200

194

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A152

LINE No.:

SURFACE R.L.: 259.0

BASEMENT R.L.: 106.0

DATE: Sept. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Top soil.	
1	6			Yellow silty clay.	
6	10			Fine putty sand.	
10	70			Coarse sand.	
70	77			Grey clay.	
77	82			Brown clay.	
82	86			Drifty brown clay.	
86	94			Drift.	
94	101			White fine sandy clay.	
101	108			Fine putty sand clay.	
108	128			Coarse sand.	
128	138			Fine putty sand.	
138	143			Large wash.	
143	149			Large wash.	
149	153			Clay drift.	
153	154			Light blue decomposed granite.	

Basement: Reported by Driller at 153 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

135

**AUGER DRILL LOG**

698201

AREA: Endurance

HOLE No.: A153

LINE No.:

SURFACE R.L.: 259.6

BASEMENT R.L.: 111.6

DATE: Sept. 71

DRILLING CO.: W.L. Sides & Co RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR G. Holloway  
SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	4			Hard brown native cement.	
4	8			Brown sandy clay.	
8	15			Fine beach sand.	
15	68			Coarse sand with bands of clay.	
68	82			White clay.	
82	86			Brown clay.	
86	106			Heavy drift.	
106	108			Brown clay.	
108	114			Drift.	
114	127			Fine putty sand.	
127	129			Brown clay.	
129	132			Large wash.	
132	148			Large wash.	
148	152			Decomposed light blue granite.	

Basement: Reported by Driller at 148 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698202

136

AREA: **Endurance** HOLE No.: **A154** LINE No.: SURFACE R.L.: **262.4** BASEMENT R.L.: **123.4**

DATE: **Oct. 71** DRILLING CO.: **W.L. Sides** RIG No.: **R39** DRILLER **A. Watson** SAMPLE WASHER: **J. Artis** OUR SUPERVISOR: **G. Holloway** AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	0	2		Black top soil.	
	2	3		Hard brown native cement.	
	3	11		Fine sandy puggy clay.	
	11	62		Coarse sand with bands of soft clay.	
	62	67		White clay.	
	67	71		Clay mixed with drift.	
	71	82		White clay.	
	82	96		Drift.	
	96	120		Brown clay.	
	120	129		Heavy drift.	
	129	137		Large wash.	
	137	139		" "	
	139	144		Decomposed granite.	

Basement: Reported by Driller at **139** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

698203

197

AREA: Endurance

HOLE No.: P155

LINE No.:

SURFACE R.L.: 264.5

BASEMENT R.L.: 127.5

DATE: Sept. 71 DRILLING CO. W.L. Sides & Co. RIG No.: R39

DRILLER: A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: E. King

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface 0	8			Brown puggy sand.	
8	40			Coarse sand, bands of soft clay.	
40	45			White clay.	
45	80			Coarse sand, bands of soft clay.	
80	87			Hard blue clay.	
87	100			Heavy drifts of soft clay bands.	
100	122			" " " " "	
122	137			Large wash and drift, 2" dia. wash.	
137	139			Light green decomposed granite.	

Basement: Reported by Driller at 137 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

138

**AUGER DRILL LOG**

698204

AREA: **Endurance**

HOLE No.: **A156**

LINE No.:

SURFACE R.L.: **266.1**

BASEMENT R.L.: **160.1**

DATE: **Sep. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	1			Black top soil.	
1	5			Brown puggy sand.	
5	45			Coarse sand.	
45	50			Soft brown clay.	
50	77			Coarse sand with bands of clay.	
77	84			Drift, bands of clay.	
84	96			Blue clay mixed with drift.	
96	104			Darl brown sediment.	
104	106			Brown pugy sediment.	

Basement: Reported by Driller at **106** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

199

698205

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A157

LINE No.:

SURFACE R.L.: 268.5

BASEMENT R.L.: 170.5

DATE: Sept. 71 DRILLING CO.: W.L. Sides

RIG No.: R 39

DRILLER A. Watson

SAMPLE WASHER:

J. Artis

OUR SUPERVISOR:

R. Hyde

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	5			Brown puggy sand.	
5	35			Coarse sand.	
35	84			Coarse sand with bands of soft clay.	
84	89			Yellow clay.	
89	98			Blue clay mixed with drift.	
98	100			Blue decomposed granite.	

Basement: Reported by Driller at 98 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698206

200

AREA: Endurance

HOLE No.: A158

LINE No.:

SURFACE R.L.: 270.8

BASEMENT R.L.: 160.8

DATE: Sep. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER:

J. Artis

OUR SUPERVISOR:

R. Hyde

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	7			Hard coarse sand.	
7	57			Coarse sand.	
57	60			Soft sandy clay.	
60	70			Yellow clay mixed with drift.	
70	110			Blue clay mixed with drift.	
110	112			Light blue decomposed granite.	

Basement: Reported by Driller at 110 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698207

201

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A159

LINE No. :

SURFACE R.L. : 272.4

BASEMENT R.L. : 172.4

DATE : Sep. 71 DRILLING CO. : W.L. Sides

RIG No. : R39

DRILLER : A. Watson

SAMPLE WASHER : J. Artis

OUR SUPERVISOR : R. Hyde

AUGER BIT DIA. : 6\*

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	6			Brown native cement.	
6	28			Coarse sand, bands of puggy clay.	
28	35			Soft white clay.	
35	64			Coarse sand, bands of clay.	
64	100			Blue clay mixed with drift.	
100	102			Dark green decomposed granite.	

Basement : Reported by Driller at 100 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698208

202

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A160**

LINE No.:

SURFACE R.L.: **265.3**

BASEMENT R.L.: **177.3**

DATE **Sept. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R 39** DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	1			Black top soil.	
1	4			Hard coarse sand.	
4	34			Coarse sand.	
34	60			Coarse sand, bands of silty clay.	
60	79			White clay mixed with drift.	
79	86			Blue clay mixed with drift.	
86	88			Green clay mixed with drift.	
88	89			Decomposed green granite.	

Basement: Reported by Driller at **88** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698209

203

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A161**

LINE No.:

SURFACE R.L.: **242.6**

BASEMENT R.L.: **130.6**

DATE **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Top soil.	
1	14			Brown sandy clay and fine wash.	
14	69			Grey sandy clay and fine wash.	
69	96			Brown sandy clay and 1/8 wash.	
96	112			Grey sandy clay and 1" wash.	
112	120			Decomposed granite.	

Basement: Reported by Driller at **112** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698210

204

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A162**

LINE No.:

SURFACE R.L.: **233.7**

BASEMENT R.L.: **152.7**

DATE: **August, 7** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4			Black mud.	
4	10			Soft silty clay.	
10	78			Coarse sand with bands of clay.	
78	81			Coarse sand with a trace of small wash.	
81				Decomposed granite, very hard.	

Basement: Reported by Driller at **81** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698211

205

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A163**

LINE No.:

SURFACE R.L.: **235.1**

BASEMENT R.L.: **177.1**

DATE: **August, 71** DRILLING CO.: **W.L.Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER:

**G. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	2			Black mud.	
2	13			Fine puggy sand.	
13	58			Coarse sand and drift.	
58	60			Decomposed granite.	

Basement: Reported by Driller at **58** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698212

206

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A164

LINE No.:

SURFACE R.L.: 235.6

BASEMENT R.L.: 163.6

DATE: August, 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: G. Artis

OUR SUPERVISOR: R. Hyde

AUGER 6" BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black mud.	
2	18			Soft sandy clay.	
18	72			Coarse sand.	
72	74			Decomposed light green granite.	

Basement: Reported by Driller at 72 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698213

207

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A165

LINE No. :

SURFACE R.L. : 236.5

BASEMENT R.L. : 178.5

DATE August, 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	2			Black sand.	
2	4			Dark brown sandy clay.	
4	10			Brown sandy clay and fine wash.	
10	18			Brown sandy wash.	
18	58			Grey sandy wash.	
58	66			Decomposed granite.	

Basement : Reported by Driller at 58 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698214

208

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A166

LINE No.:

SURFACE R.L.: 237.2

BASEMENT R.L.: 210.7

DATE: August, 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER

D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Black sand.	
2	5			Dark brown sandy clay.	
5	16			Dark brown sandy clay and fine wash.	
16	26			Brown sandy clay and wash.	
26	28			Decomposed granite.	

Basement: Reported by Driller at 26'6" feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698215

**AUGER DRILL LOG**

209

AREA : Endurance

HOLE No. : A167

LINE No. :

SURFACE R.L. : 238.2

BASEMENT R.L. : 191.2

DATE August, 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Black sand.	
2	4			Dark brown sand.	
4	20			Brown sandy clay and fine wash.	
20	27			Brown sandy wash.	
27	38			Grey sandy clay and fine wash.	
38	47			Brown sandy clay and wash.	
47	48			Decomposed granite.	

Basement : Reported by Driller at 47 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698216

**AUGER DRILL LOG**

210

AREA: Endurance

HOLE No.: A168

LINE No.:

SURFACE R.L.: 235.6

BASEMENT R.L.: 168.6

DATE August, 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	2			Black sand.	
2	5			Dark brown sand.	
5	23			Brown sandy fine wash.	
23	54			Brown sandy wash.	
54	67			Grey sandy wash.	
67	70			DEcomposed granite.	

Basement: Reported by Driller at 67 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698217

**AUGER DRILL LOG**

112

AREA: Endurance

HOLE No.: A169

LINE No.:

SURFACE R.L.: 237.2

BASEMENT R.L.: 137.7

DATE August, 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	..2			Brown sandy clay.	
2	7			Dark brown sandy clay.	
7	48			Brown sand and fine wash.	
48	56			" " " "	
56	78			Brown sandy wash.	
78	99			Grey sandy wash.	
99	108			Decomposed granite.	

Basement: Reported by Driller at 99'6" feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698218

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A170

LINE No.:

SURFACE R.L.: 237.5

BASEMENT R.L. 119.5

212

DATE August, 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black sand.	
1	7			Brown sandy clay and fine wash.	
7	35			Brown sandy wash.	
35	107			White sandy wash.	
107	109			Pug.	
109	118			Grey sandy wash.	
118	126			Decomposed granite.	

Basement: Reported by Driller at 118 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698219

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A171**

LINE No.:

SURFACE R.L.: **238.2**

BASEMENT R.L.: **102.2**

213

DATE: **August, 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black sand.	
1	2			Dark brown sand.	
2	5			Brown sandy clay and fine wash.	
5	9			Brown sand.	
9	56			Brown sandy wash.	
56	111			Pale brown sandy wash.	
111	117			Brown sand.	
136	150			Decomposed granite.	

Basement: Reported by Driller at **136** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698220

**AUGER DRILL LOG**

214

AREA: **Endurance**

HOLE No.: **A172**

LINE No.:

SURFACE R.L.: **238.7**

BASEMENT R.L.: **106.7**

DATE: **August, 1971**

DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black sand.	
1	4			Brown sand.	
4	8			Brown sand and fine wash.	
8	109			Brown sandy wash.	
109	114			Brown sand.	
114	130			Brown sandy wash.	
130	132			Grey sand. Unable to penetrate further.	

Basement: Reported by Driller at **132** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698221

215

AREA: Endurance

HOLE No.: A173

LINE No.:

SURFACE R.L.: 232.7

BASEMENT R.L.: ~~124.7~~  
132.7

DATE: November, DRILLING CO.: Monopump  
1971

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE  
WASHER:

OUR  
SUPERVISOR:

AUGER  
BIT DIA. 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	1			Grey sand and fine wash.	
1	6			Brown sandy clay and fine wash.	
6	23			Brown sandy wash.	
23	84			Brown sandy wash.	
84	92			Grey sandy wash.	
92	93'6"			Brown pug.	
93'6"	99			Grey sandy wash.	
99	100			Grey sand. Unable to penetrate further.	

Basement: Reported by Driller at 100 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698222

**AUGER DRILL LOG**

210

AREA: **Endurance**

HOLE No.: **A174**

LINE No.:

SURFACE R.L.: **241.9**

BASEMENT R.L.: **94.9**

DATE: **Sept. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	20			Black mud.	
20	42			Coarse sand.	
42	47			White clay.	
47	74			Coarse sand.	
74	83			Coarse sand, bands of clay.	
83	109			" " and drift.	
109	125			Light brown clay.	
125	147			Green silty clay mixed with drift.	
147	148			Green decomposed granite.	

Basement: Reported by Driller at **147** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698223

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A175**

LINE No.:

SURFACE R.L.: **242.2**

BASEMENT R.L.: **103.2**

DATE: **Sep. 71** DRILLING CO., **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	15			Black mud.	
15	20			Fine sand.	
20	68			Coarse sand.	
68	109			Heavy drift, hands of clay.	
109	139			Green silty clay mixed with drift.	
139	146			Green decomposed granite.	

Basement: Reported by Driller at **139** feet.

Deduced from samples **feet.**

B.M.I. MINING PTY. LIMITED — TASMANIA

698224

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A176**

LINE No.:

SURFACE R.L.: **242.6**

BASEMENT R.L.: **134.6**

218

DATE: **Sept. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	13			Black mud.	
13	40			Coarse sand.	
40	69			Coarse sand and drift.	
69	90			Coarse sand, bands white clay.	
90	98			Heavy drift with trace of 1/2" wash.	
98	108			Heavy drift.	
108	109			Green decomposed granite.	

Basement: Reported by Driller at **108** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698225

69219

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A177

LINE No.:

SURFACE R.L.: 242.7

BASEMENT R.L.: 134.7

DATE: Sept. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER:

J. Artis

OUR SUPERVISOR:

R. Hyde

AUGER BIT DIA.:

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black top soil.	
3	8			Fine beach sand.	
8	11			Grey clay.	
11	54			Coarse sand.	
54	57			Bands of soft white clay.	
57	60			Heavy drift.	
60	84			Drift, bands of soft clay.	
84	88			Soft brown clay.	
88	98			Drift with clay bands.	
98	102			Yellow clay mixed with drift.	
102	108			Blue clay mixed with drift.	
108	109			Decomposed blue and green granite.	

Basement: Reported by Driller at 108 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698226

220

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A178

LINE No.:

SURFACE R.L.: 243.7

BASEMENT R.L.: 164.7

DATE: Sep. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	5			Black top soil.	
5	8			Coarse sand.	
8	12			Soft sandy clay.	
12	30			Coarse sand, clay bands.	
30	79			Blue clay mixed with drift.	
79	83			Green decomposed granite.	

Basement: Reported by Driller at 79 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698227

**AUGER DRILL LOG**

AREA: **Entrance**

HOLE No.: **A179**

LINE No.:

SURFACE R.L.: **243.2**

BASEMENT R.L.: **159.2**

221

DATE: **Sept. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER:

**J. Artis**

OUR SUPERVISOR:

**R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	7			Black mud.	
7	9			Coarse sand.	
9	12			Fine puggy clay.	
12	32			Coarse sand.	
32	50			White clay mixed with drift.	
50	65			White clay mixed with drift.	
65	73			Soft green clay.	
73	84			Brown silty clay.	
84	86			Decomposed granite.	

Basement: Reported by Driller at **84** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698228

**AUGER DRILL LOG**

222

AREA: **Endurance**

HOLE No.: **A180**

LINE No.:

SURFACE R.L.: **249.5**

BASEMENT R.L.: **175.5**

DATE **Sept. 71**

DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Hyde**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Blue top soil.	
1	6			Brown native cement.	
6	8			White soft clay.	
8	45			Coarse sand.	
45	73			White clay mixed with drift.	
73	74			Green clay mixed with drift.	
74				Hard decomposed granite.	

Basement: Reported by Driller at

**74**

feet.

Deduced from samples

feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698229

223

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A181**

LINE No.:

SURFACE R.L.: **273.7**

BASEMENT R.L.: **119.7**

DATE: **Oct. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **G. Holloway**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	74			Coarse sand, bands of soft clay.	
74	77			Soft clay.	
77	93			Drift.	
93	99			Brown clay.	
99	109			White clay.	
109	111			Drift.	
111	113			Brown clay.	
113	123			Fine putty sand.	
123	128			Puggy drift.	
128	131			Drift.	
131	139			Wash.	
139	144			Large wash.	
144	147			Brown clay.	
147	154			Fine bottom, like sand.	
154	159			Blue decomposed granite.	

Basement: Reported by Driller at **154** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698230

224

AREA: Endurance

HOLE No.: A182

LINE No.:

SURFACE R.L.: 273.9

BASEMENT R.L.: 90.9

DATE: Oct. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER: A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	5			Brown puggy clay.	
5	10			Brown native clay.	
10	18			Clay.	
18	85			Coarse sand.	
85	100			Coarse sand.	
100	112			Puggy clay.	
112	124			Sandy clay.	
124	126			Sandy clay.	
126	141			Fine puggy sand.	
141	172			Wash mixed with fine grey sand.	
172	183			Wash mixed with fine yellow sand.	

Basement: Reported by Driller at 183 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698231

225

AREA: Endurance

HOLE No.: A183

LINE No.:

SURFACE R.L.: 273.5

BASEMENT R.L.: 113.5

DATE: Nov. 71

DRILLING CO.: W.L. Sides & Co.

RIG No.: R39

DRILLER J. Artis

SAMPLE WASHER: T. Triffet

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	2			Top soil.	
2	4			Native cement.	
4	45			Brown mud.	
45	105			Coarse sand.	
105	112			Puggy clay.	
112	124			Sandy clay.	
124	144			Fine silty clay.	
144	148			Wash. $\frac{1}{4}$ - $\frac{1}{2}$ diameter.	
148	160			Muddy puggy clay.	
160	161			DEcomposed granite.	

Basement: Reported by Driller at 160 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698232

220

AREA: Endurance

HOLE No.: A184

LINE No.:

SURFACE R.L.: 270.2

BASEMENT R.L.: 122.2

DATE: November, 1971 DRILLING CO.: W.L. Sides & Co. RIG No.: R39 DRILLER J. Artis SAMPLE WASHER: G. Rainbird OUR SUPERVISOR: A. Vaughan AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Brown native cement.	
4	45			Coarse sand.	
45	112			White puggy clay.	
112	124			Fine silty sand.	
124	136			Silty sand with bands of clay.	
136	148			Solid wash.	
148	160			Hard decomposed granite.	

Basement: Reported by Driller at 148 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698233

**AUGER DRILL LOG**

227

AREA: Endurance

HOLE No.: A185

LINE No.:

SURFACE R.L.: 264.7

BASEMENT R.L.: 131.7

DATE: Nov. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39 DRILLER: J. Artis SAMPLE WASHER: G. Rainbird OUR SUPERVISOR: A. Vaughan AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Native cement.	
4	55			Coarse muddy sand.	
55	112			Puggy clay - soft.	
112	124			Fine silty sand.	
124	133			1" wash.	
133	136			Decomposed granite.	

Basement: Reported by Driller at 133 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698234

228

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A186**

LINE No.:

SURFACE R.L.: **260.8**

BASEMENT R.L.: **141.8**

DATE: **Nov. 71** DRILLING CO. **W.L. Sides & Co.** RIG No.: **R39**

DRILLER **J. Artis**

SAMPLE WASHER: **G. Rainbird**

OUR SUPERVISOR: **A. Vaughan**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Native cement.	
4	70			Coarse muddy sand.	
70	100			White clay sand.	
100	110			Brown clay silt.	
110	119			Clay wash.	
119	124			Decomposed granite.	

Basement: Reported by Driller at **119** feet.

Deduced from samples **feet.**

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698235

223

AREA: Endurance

HOLE No.: A187

LINE No

SURFACE R.L. 259.0

BASEMENT R.L. 120.0

DATE: November 1971 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR

AUGER BIT DIA.

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	13			Brown sandy clay.	
13	38			Brown sandy clay and fine wash.	
38	107			Brown sandy wash.	
107	109			Grey sand.	
109	130			Grey sandy clay and wash.	
130	139			Brown sandy clay and wash.	
139	142			Decomposed granite.	

Basement: Reported by Driller at 139 feet.

Deduced from samples feet

B.M.I. MINING PTY. LIMITED — TASMANIA

698236

230

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A188**

LINE No.:

SURFACE R.L.: **257.6**

BASEMENT R.L.: **117.6**

DATE: **November, 1971**, DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	24			Dark brown sandy clay and fine wash.	
24	80			Light brown sandy clay and fine wash.	
80	120			Light brown sandy clay and 1/8" wash.	
120	132			Yellow sandy clay and 1/8" wash.	
132	140			Dark brown sandy clay and 1/8" wash.	
140	142			Decomposed granite.	

Basement: Reported by Driller at **140** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698237

231

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A189

LINE No.:

SURFACE R.L.: 257.1

BASEMENT R.L.:

147.1

DATE: November, 1971 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	18			Brown sandy clay.	
18	92			Brown sandy clay and fine wash.	
92	102			Brown sandy clay and 1/8" wash.	
102	110			Grey sandy clay and 1/8" wash.	
110	112			DEcomposed granite.	

Basement: Reported by Driller at 110 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698238

2332

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A190**

LINE No.:

SURFACE R.L.: **254.0**

BASEMENT R.L.: **161.0**

DATE: **November 1971**  
 DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	2			Black sandy clay.	
2	24			Grey sandy clay and fine wash.	
24	84			Light grey sandy clay and fine wash.	
84	93			Dark brown sandy clay and 1/8" wash.	
93	95			Decomposed granite.	

Basement: Reported by Driller at **93** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698239

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A191

LINE No.:

SURFACE R.L.: 234.8

BASEMENT R.L.: 171.8

233

DATE: October, 71

DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sand.	
2	7			Brown sandy clay.	
7	29			Brown sand and fine wash.	
29	63			Brown sandy wash.	
63	70			Decomposed granite.	

Basement: Reported by Driller at 63 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698240

234

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A192

LINE No.:

SURFACE R.L.: 234.1

BASEMENT R.L.: 166.1

DATE: October, 7 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister.

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Black sand.	
1	12			Brown sandy clay.	
12	25			Greyish brown sand and fine wash.	
25	64			Brown sandy wash.	
64	68			White sandy wash.	
68	72			Decomposed granite.	

Basement: Reported by Driller at 68 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698241

233

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A193**

LINE No.:

SURFACE R.L.: **234.0**

BASEMENT R.L.: **152.0**

DATE: **October, 7** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	17			Black sandy clay.	
17	29			Brown sand and fine wash.	
29	52			Brown sandy wash.	
52	57			Brown pug.	
57	71			Brown sandy clay and wash.	
71	82			Brown sandy wash.	
82	90			Decomposed granite.	

Basement: Reported by Driller at **82** feet.

Deduced from samples: feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698242

230

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A194**

LINE No.:

SURFACE R.L.: **233.6**

BASEMENT R.L.: **135.6**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLED **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	12			Black sandy clay.	
12	30			Brown sand and fine wash.	
30	54			Brown sandy wash.	
54	61			Brown sandy clay.	
61	80			Brown sandy wash.	
80	98			Brown sandy clay and wash.	
98	108			Decomposed granite.	

Basement: Reported by Driller at **98** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698243

237

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A195**

LINE No.:

SURFACE R.L.: **233.8**

BASEMENT R.L.: **132.8**

DATE: **Oct. 71** DRILLING CO. **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	10			Black sandy clay.	
10	59			Brown sandy wash.	
59	66			Brown sandy clay.	
66	88			Brown sandy wash.	
88	101			Brown sandy clay and wash.	
101	108			Decomposed granite.	

Basement: Reported by Driller at **101** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698244

238

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A196**

LINE No.:

SURFACE R.L.: **234.1**

BASEMENT R.L.: **134.1**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	9			Black sandy clay.	
9	18			Brown sandy wash.	
18	71			Brown sandy wash.	
71	75			Brown sand.	
75	88			Brown sandy wash.	
88	100			Brown sandy clay and wash.	
100	108			Decomposed granite.	

Basement: Reported by Driller at **100** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698245

**AUGER DRILL LOG**

AREA : **Endurance**

HOLE No. : **A197**

LINE No. :

SURFACE R.L. : **234.9**

BASEMENT R.L. : **138.9**

235

DATE **Oct. 71** DRILLING CO. : **Monopumps** RIG No. **Gemco** DRILLER **D. Bannister** SAMPLE WASHER : OUR SUPERVISOR : AUGER BIT DIA. **6 11**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	6			Black sandy clay.	
6	19			Brown sandy clay and fine wash.	
19	70			Brown sandy wash.	
70	86			Brown sandy clay and wash.	
86	96			Brown sandy wash.	
96	108			Decomposed granite.	

Basement : Reported by Driller at **96** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698246

# AUGER DRILL LOG

AREA: **Endurance**

HOLE No.: **A198**

LINE No.:

SURFACE R.L.: **235.3**

BASEMENT R.L.: **143.3**

240

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	6			Black sandy clay.	
6	25			Brown sandy clay and wash.	
25	66			Brown sandy wash.	
66	78			Brown sandy clay and wash.	
78	81			Brown sand.	
81	92			Brown sandy wash.	
92	96			Decomposed granite.	

Basement: Reported by Driller at **92** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698247

241

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A199**

LINE No.:

SURFACE R.L.: **235.5**

BASEMENT R.L.: **149.5**

DATE: **October, 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER **6"**  
BIT DIA.

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	2			Black sand.	
2	5			Brown sand and fine wash.	
5	13			Brown sandy clay and fine wash.	
13	42			Brown sandy wash.	
42	61			Brown sandy wash.	
61	63			Brown pug.	
63	69			Brown sandy clay and wash.	
69	86			Brown sandy wash.	
86	90			Decomposed granite.	

Basement: Reported by Driller at **86** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698248

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A200

LINE No.:

SURFACE R.L.: 236.1

BASEMENT R.L.: 157.1

2242

DATE: Oct. 71

DRILLING CO.: Monopumps

RIG No. Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	4			Black sandy clay.	
4	10			Brown sandy clay.	
10	15			Brown sand and fine wash.	
15	32			Brown sand and fine wash.	
32	64			Brown sandy wash.	
64	72			Brown sandy clay and wash.	
72	79			Brown sandy wash.	
79	84			Decomposed granite.	

Basement: Reported by Driller at 79 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698249

243

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A201

LINE No. :

SURFACE R.L. : 236.6

BASEMENT R.L. : 151.6

DATE : Oct. 71 DRILLING COMonopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black sandy clay.	
3	25			Brown sandy clay and fine wash.	
25	65			Brown sand and fine wash.	
65	67			Brown sandy clay and fine wash.	
67	85			Brown sandy wash.	
85	90			Decomposed granite.	

Basement : Reported by Driller at 85 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698250

244

**AUGER DRILL LOG**

AREA: Endurance

HOLE A202

LINE No.:

SURFACE R.L.: 236.4

BASEMENT R.L.: 148.4

DATE: Oct. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	3			Black sandy clay.	
3	15			Brown sandy clay and fine wash.	
15	50			Brown sand and fine wash.	
50	52			Brown pug.	
52	63			Brown sandy clay and wash.	
63	70			Brown sand.	
70	88			Brown sandy wash.	
88	96			Decomposed granite.	

Basement: Reported by Driller at 88 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698251

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A203

LINE No.:

SURFACE R.L. 235.8

BASEMENT R.L.: 158.8

245

DATE: Oct. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black sandy clay.	
3	10			Brown sandy clay.	
10	22			Brown sand and fine wash.	
22	56			Brown sandy wash.	
56	62			Brown sand.	
62	77			Brown sandy wash.	
77	84			Decomposed granite.	

Basement: Reported by Driller at 77 feet.

Deduced from samples feet.

**AUGER DRILL LOG**

240

AREA: **Endurance**

HOLE No.: **A204**

LINE No.:

SURFACE R.L.: **236.4**

BASEMENT R.L.: **172.4**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black sandy clay.	
3	8			Brown sandy clay.	
8	46			Brown sand and fine wash.	
46	64			White sandy wash.	
64	72			Decomposed granite.	

Basement: Reported by Driller at **64** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698253

247

# AUGER DRILL LOG

AREA: **Endurance**

HOLE No.: **A205**

LINE No.:

SURFACE R.L.: **236.9**

BASEMENT R.L.: **177.9**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	8			Brown sandy clay.	
8	19			Greyish brown sandy clay and wash.	
19	30			Brown sand and fine wash.	
30	48			Brown sandy wash.	
48	59			White sandy clay and wash.	
59	66			Decomposed granite.	

Basement: Reported by Driller at **59** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698254

248

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A206**

LINE No.:

SURFACE R.L.: **237.6**

BASEMENT R.L.: **187.6**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sand.	
2	9			Brown clay.	
9	29			Brown sand and fine wash.	
29	50			White sandy clay and wash.	
50	60			Decomposed granite.	

Basement: Reported by Driller at **50** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698255

249

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A207

LINE No.:

SURFACE R.L.: 238.7

BASEMENT R.L.: 142.7

DATE Oct. 71

DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sand.	
2	5			Brown sandy clay.	
5	8			Brown sandy clay and fine wash.	
8	38			Brown sandy wash.	
38	42			Brown sandy clay and wash.	
42	80			White sandy clay and wash.	
80	96			Grey sandy clay and wash.	
<p>N.B. Log discontinued after 96'. Hole does not appear to be bottomed.</p>					

Basement: Reported by Driller at                      feet.

                    Deduced from samples                      feet.

250

**AUGER DRILL LOG**

AREA : **Erdurance**

HOLE No. : **A208**

LINE No. :

SURFACE R.L. : **237.9**

BASEMENT R.L. : **165.9**

DATE : **Oct. 71.** DRILLING CO. : **Monopumps**

RIG No. : **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. :

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black sandy clay.	
3	8			Brown clay.	
8	16			Brown sand and fine wash.	
16	37			Brown sandy wash.	
37	59			Pale brown sandy clay and wash.	
59	72			Green sandy clay and wash.	
72	89			Decomposed granite.	

Basement : Reported by Driller at **72** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698257

**AUGER DRILL LOG**

251

AREA: **Endurance**

HOLE No.: **A209**

LINE No.:

SURFACE R.L.: **237.6**

BASEMENT R.L.: **187.6**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sand.	
2	6			Brown sandy clay.	
6	14			Brown sand and fine wash.	
14	36			Brown sandy wash.	
36	42			Brown sandy clay and wash.	
42	50			Green sandy clay and wash.	
50	54			Decomposed granite.	

Basement: Reported by Driller at **50** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698258

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A210

LINE No. :

SURFACE R.L. : 240.0

BASEMENT R.L. : 121.0

202

DATE : Oct. 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	12			Brown sandy clay.	
12	42			Brown sandy clay and fine wash.	
42	70			Brown sandy clay and 1/8 wash.	
70	119			White sandy clay and 1/8 wash.	
119	120			Decomposed granite.	

Basement : Reported by Driller at 119 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698259

203

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A211

LINE No.:

SURFACE R.L.: 240.1

BASEMENT R.L.: 163.1

DATE: October, 71 DRILLING CO. W.L. Sides & Co. RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	0	2		Black mud.	
	2	24		Yellow sand and soft clay.	
	24	58		Coarse sand, bands of clay.	
	58	66		Brown sediment, very hard.	
	66	77		Light brown clay mixed with drift.	
	77	84		Light green decomposed granite.	

Basement: Reported by Driller at 77 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698260

254

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A212

LINE No.:

SURFACE R.L.: 239.6

BASEMENT R.L.: 185.6

DATE: Oct. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R 39

DRILLER A. Watson

SAMPLE WASHER:

J. Artis

OUR SUPERVISOR:

G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	10			Grey silty fine sand.	
10	56			Coarse sand.	
56	60			White decomposed granite.	

Basement: Reported by Driller at 54 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698261

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A213**

LINE No.:

SURFACE R.L.: **239.3**

BASEMENT R.L.: **174.3**

698261

DATE: **Oct. 71** DRILLING CO.: **W.L. Sides & Co.** RIG No.: **R39** DRILLER: **A. Watson** SAMPLE WASHER: **J. Artis** OUR SUPERVISOR: **G. Holloway** AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	13			Black mud.	
13	65			Coarse sand.	
65	70			White decomposed granite.	

Basement: Reported by Driller at **65** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698262

256

# AUGER DRILL LOG

AREA : Endurance

HOLE No. : A214

LINE No. :

SURFACE R.L. : 239.5

BASEMENT R.L. : 185.5

DATE : Oct. 71

DRILLING CO. : W.L. Sides & Co. RIG No. : R39

DRILLER : A. Watson

SAMPLE WASHER : J. Artis

OUR SUPERVISOR : G. Holloway

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	10			Black mud.	
10	38			Coarse sand.	
38	52			Drift.	
52	54			Grey clay mixed with drift.	
54	60			White decomposed granite.	

Basement : Reported by Driller at 54 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698263

257

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A216**

LINE No.:

SURFACE R.L.: **239.1**

BASEMENT R.L.: **179.1**

DATE: **Oct. 71**

DRILLING CO.: **W.L. Sides & Co.**

LOG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **G. Holloway**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	6			Black mud.	
6	54			Coarse sand.	
54	59			Yellow drift clay.	
59	60			Traces of wash.	
60	63			Blue and white decomposed granite.	

Basement: Reported by Driller at **60** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698264

258

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A217

LINE No.:

SURFACE R.L.: 239.3

BASEMENT R.L.: 143.3

DATE: Oct. 71

DRILLING CO.: W.L. Sides & Co RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	0	6		Black mud.	
	6	57		Coarse sand.	
	57	65		Fine putty sand.	
	65	67		Traces of wash.	
	67	75		Brown sediment.	
	75	84		Fine and coarse sand.	
	84	94		Coarse sand.	
	94	96		Yellow drifty clay mixed.	
	96	97		Blue decomposed granite.	

Basement: Reported by Driller at 96 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698265

AUGER DRILL LOG

AREA: Endurance

HOLE No.: A218

LINE No.:

SURFACE R.L.: 239.7

BASEMENT R.L.: 119.7

DATE: Oct. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black mud.	
3	56			Coarse sand, bands of soft clay.	
56	72			Wash, mixed with hard fine sand.	
72	73			Wash, mixed with hard fine sand.	
73	91			Drift.	
91	97			Fine putty sand.	
97	98			White clay.	
98	102			Drifty clay.	
102	114			Large wash.	
114	117			Fine grey puggy sand.	
117	120			Large wash.	
120	122			Green decomposed granite.	

Basement: Reported by Driller at 120 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698266

260

AREA: **Endurance**

HOLE No.: **A219**

LINE No.:

SURFACE R.L.: **244.4**

BASEMENT R.L.: **119.4**

DATE: **Oct. 71**

DRILLING CO.: **W.L. Sides & Co** RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER:

**J. Artis**

OUR SUPERVISOR:

**G. Holloway**

AUGER BIT DIA.:

**6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Black top soil.	
1	7		/	Yellow sandy clay.	
7	64			Coarse sand, bands of soft clay.	
64	68			White clay.	
68	96			Drift.	
96	125			Wash mixed with fine sand.	
125	127			Blue decomposed granite.	

Basement: Reported by Driller at **125** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698267

261

AREA : Endurance

HOLE No. : A220

LINE No. :

SURFACE R.L. : 247.7

BASEMENT R.L. : 111.7

DATE : Oct. 71

DRILLING CO. W.L. Sides & Co. RIG No. : R39

DRILLER : A. Watson

SAMPLE WASHER : J. Artis

OUR SUPERVISOR : G. Holloway

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	6			Fine sandy silty clay.	
6	89			Coarse sand, bands of soft clay.	
89	97.			Fine beach sand.	
97	107			Coarse sand with a trace of small wash.	
107	136			Solid wash mixed with fine sand.	
136	138			Blue decomposed granite.	

Basement : Reported by Driller at 136 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698268

**AUGER DRILL LOG**

262

AREA: **Endurance**

HOLE No.: **A221**

LINE No.:

SURFACE R.L.: **249.3**

BASEMENT R.L.: **107.3**

DATE: **Oct. 71** DRILLING CO. **W.L. Sides & Co.** RIG No.: **R39** DRILLER **A. Watson** SAMPLE WASHER: **J. Artis** OUR SUPERVISOR: **G. Holloway** AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	1			Black top soil.	
1	3			Coarse sand.	
3	8			Yellow sandy clay.	
8	78			Coarse sand with bands of soft clay.	
78	92			Drift, traces of small wash.	
92	124			Solid wash mixed with fine sand.	
124	142			Solid wash and fine sand.	
142	145			Green decomposed granite.	

Basement: Reported by Driller at **142** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698269

263

AREA: **Endurance**

HOLE No.: **A222**

LINE No.:

SURFACE R.L. ~~149.0~~  
249.0

BASEMENT R.L. **115.0**

DATE: **Oct. 71**

DRILLING CO. **W.L. Sides & Co.** RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER **J. ARTIS**

OUR SUPERVISOR **G. Holloway**

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Black top soil.	
1	6			Yellow sandy clay.	
6	94			Coarse sand with bands of soft clay.	
94	107			Fine puffy sand.	
107	121			Wash and fine sand.	
121	123			Brown clay.	
123	130			Wash and fine sand.	
130	134			Blue clay mixed with drift.	
134	138			Green decomposed granite.	

Basement: Reported by Driller at **134** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698270

**AUGER DRILL LOG**

264

AREA: Endurance

HOLE No.: A223

LINE No.:

SURFACE R.L.: 248.8

BASEMENT R.L.: 118.8

DATE: Oct. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	8			Brown puggy sand.	
8	80			Coarse sand.	
80	95			Soft brown clay.	
95	102			Drift clay.	
102	112			Wash.	
112	116			Solid wash and fine sand.	
116	120			Soft blue clay.	
120	126			Solid wash.	
126	130			Blue drift clay.	
130	135			Blue decomposed granite.	

Basement: Reported by Driller at 130 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698271

265

AREA: Endurance

HOLE No.: A224

LINE No.:

SURFACE R.L.: 246.6

BASEMENT R.L.: 111.6

DATE: October, 7 DRILLING CO.: W.L. Sides & Co

RIG No.: R39

DRILLER

A. Watson

SAMPLE WASHER:

J. Artis

OUR SUPERVISOR:

G. Holloway

AUGER BIT DIA.:

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black top soil.	
2	8			Yellow puggy sand.	
8	67			Coarse sand.	
67	73			Coarse sand, traces of small wash.	
73	98			Coarse sand with bands of clay.	
98	127			Solid wash.	
127	135			Soft blue clay.	
135	136			Light green decomposed granite.	

Basement: Reported by Driller at 135 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698272

266

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A225

LINE No.:

SURFACE R.L.: 243.6

BASEMENT R.L.: 110.6

DATE: October, 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: B. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	0	3		Coarse sand.	
	3	9		Soft blue clay.	
	9	66		Coarse sand with bands of soft clay.	
	66	75		Coarse sand with a trace of small wash.	
	75	96		Drift.	
	96	130		Solid wash.	
	130	133		Blue clay.	
	133	136		Green decomposed granite.	

Basement: Reported by Driller at 133 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698273

267

AREA: **Endurance**

HOLE No.: **A226**

LINE No.:

SURFACE R.L.: **237.4**

BASEMENT R.L.: **102.4**

DATE: **Oct. 71** DRILLING CO.: **W.L. Sides & Co** RIG No.: **R 39** DRILLER: **A. Watson** SAMPLE WASHER: **J. Artis** OUR SUPERVISOR: **G. Holloway** AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ff.			
Surface					
0	1			Top soil.	
1	11			Coarse sand.	
11	13			Soft white clay.	
13	66			Coarse sand.	
66	75			Coarse sand trace of small wash.	
75	80			Soft white clay.	
80	98			Coarse sand and soft clay.	
98	112			Solid wash.	
112	129			Solid wash.	
129	135			Puggy blue clay.	
135	136			Green decomposed granite.	

Basement: Reported by Driller at **135** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698274

**AUGER DRILL LOG**

AREA: Endurance

HOLE No. A227

LINE No. :

SURFACE R.L. : 227.1

BASEMENT R.L. : 124.1

268

DATE: Oct. 71 DRILLING CO. Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. :

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	15			Black sandy clay.	
15	38			Brown sand and fine wash.	
38	50			Grey sand and fine wash.	
50	60			Grey sand and fine wash.	
60	72			Grey sandy clay and wash.	
72	81			Brown clay and wash.	
81	103			Grey sandy wash.	
103	108			Decomposed granite.	

Basement : Reported by Driller at 103 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698275 269

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A229**

LINE No.:

SURFACE R.L.: **226.5**

BASEMENT R.L.: **119.5**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER 6" BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	7			Black sand.	
7	13			Black sand and fine wash.	
13	19			Brown sandy wash.	
19	50			Brown sandy wash.	
50	66			White sandy wash.	
66	81			White sand.	
81	107			White sandy wash.	
107	110			Decomposed granite.	

Basement: Reported by Driller at **107** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698276

210

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A230**

LINE No.:

SURFACE R.L.: **250.0**

BASEMENT R.L.: **212.0**

DATE **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	15			Tailings.	
15	22			Brown sand and fine wash.	
22	38			Brown sandy wash.	
38	48			Decomposed granite.	

Basement: Reported by Driller at **38** feet.

Deduced from samples **38** feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698277

**AUGER DRILL LOG**

271

AREA: **Endurance**

HOLE No.: **A231**

LINE No.:

SURFACE R.L.: **245.1**

BASEMENT R.L.: **219.1**

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	10			Tailings.	
10	14			Brown sand and fine wash.	
14	26			Brown sandy wash.	
26	36			Decomposed granite.	

Basement: Reported by Driller at **26** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698278

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A232

LINE No.:

SURFACE R.L.: 240.5

BASEMENT R.L.:

220.5

DATE: Sept. 71

DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER: D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	6			Tailings.	
6	7'6"			Brown sand and fine wash.	
7'6"	18			Brown sandy wash.	
18	20			Brown pug.	
20	30			Decomposed granite.	

Basement: Reported by Driller at 20 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698279

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A233**

LINE No.:

SURFACE R.L.: **235.1**

BASEMENT R.L.: **205.1**

273

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	4			Tailings.	
4	5'6"			Brown sandy clay.	
5'6"	12			Brown sand and fine wash.	
12	30			Brown sandy wash.	
30	42			Decomposed granite.	

Basement: Reported by Driller at **30** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698280

23  
47

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A234**

LINE No.:

SURFACE R.L.: **232.6**

BASEMENT R.L.: **201.6**

DATE **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER 6" BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Tailings.	
3	19			Brown sandy wash.	
19	31			Brown sandy clay and wash.	
31	42			Decomposed granite.	

Basement: Reocrted by Driller at **31** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698281

275

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A235**

LINE No.:

SURFACE R.L.: **230.7**

BASEMENT R.L.: **208.7**

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER: **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	3			Tailings.	
3	9			Brown sandy clay and fine wash.	
9	22			Brown sandy clay and wash.	
22	30			Decomposed granite.	

Basement: Reported by Driller at **22** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698282

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A236**

LINE No.:

SURFACE R.L.: **229.5**

BASEMENT R.L.: **197.5** <sup>270</sup>

DATE: **Sept. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	3			Tailings.	
3	12			Brown sandy wash.	
12	32			Brown sandy wash.	
32	36			Decomposed granite.	

Basement: Reported by Driller at **32** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698283

271

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A237

LINE No.:

SURFACE R.L.: 228.6

BASEMENT R.L.: 195.6

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Tailings.	
2	11			Black sand and fine wash.	
11	33			Brown sandy wash.	
33	82			Decomposed granite.	

Basement: Reported by Driller at 33 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698284

278

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A238

LINE No. :

SURFACE R.L. : 225.7

BASEMENT R.L. : 191.7

DATE : Sept. 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER : D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. :

6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	2			Tailings.	
2	7			White sand and fine wash.	
7	18			White sandy clay and wash.	
18	34			Pde brown sandy clay and wash.	
34	42			Decomposed granite.	

Basement : Reported by Driller at 34 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698285

279

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A239

LINE No. :

SURFACE R.L. : 223.4

BASEMENT R.L. : 189.4

DATE : Sept. 71 DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Tailings.	
2	8			Black sandy clay and wash.	
8	17			White sandy clay and wash.	
17	34			Brown sandy clay and wash.	
34	42			Decomposed granite.	

Basement : Reported by Driller at 34 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698286

280

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A240

LINE No.:

SURFACE R.L.: 221.7

BASEMENT R.L.: 191.7

DATE: Sept. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	2			Tailings.	
2	9			Black sandy clay and fine wash.	
9	19			Brown sandy clay and wash.	
19	30			Grey sandy clay and wash.	
30	42			Decomposed granite.	

Basement: Reported by Driller at 30 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698287

281

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A241**

LINE No.:

SURFACE R.L.: **273.7**

BASEMENT R.L.: **109.7**

DATE: **October, 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **G. Artis**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Lee**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Black top soil.	
2	4			Hard native cement.	
4	90			Coarse sand bands of soft clay.	
90	94			Drift.	
94	98			White clay.	
98	120			Brown clay.	
120	124			Drift.	
124	136			Brown clay and drift.	
136	140			White clay.	
140	144			Wash.	
144	158			Brown drifty clay.	
158	164			Drifty clay.	
164	168			Decomposed granite.	

Basement: Reported by Driller at **164** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698288

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A242**

LINE No.:

SURFACE R.L.: **273.7**

BASEMENT R.L.: **127.7**

202

DATE: **Oct. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **G. Artis**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **R. Lee**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Cement.	
4	11			Sandy clay.	
11	85			Coarse sand.	
85	90			Sand and bands of clay.	
90	100			Brown clay.	
100	112			Brown clay.	
112	124			Brown clay and drift.	
124	136			Drift and blue clay.	
136	146			Blue clay.	
146	148			Decomposed granite.	

Basement: Reported by Driller at **146** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698289

283

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A243

LINE No. :

SURFACE R.L. : 274.6

BASEMENT R.L. : 174.6

DATE : Oct. 71 DRILLING CO. : W.L. Sides

RIG No. : R39

DRILLER G. Artis

SAMPLE WASHER : J. Artis

OUR SUPERVISOR : R. Lee

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	8			Sand.	
8	13			White clay.	
13	75			Coarse sand.	
75	76			Tree root.	
76	100			Coarse sand.	

Basement : Reported by Driller at 100 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698290

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A244**

LINE No.:

SURFACE R.L. **276.4**

BASEMENT R.L.: **180.4**

234

DATE: **Oct. 71**

DRILLING CO. **W.L. Sides & Co.** RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **G. Artis**

OUR SUPERVISOR: **G. Holloway**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black top soil.	
1	2			Fine putty sand.	
2	8			Hard brown native cement.	
8	11			Soft white clay.	
11	50			Sandy clay.	
50	60			White silty sand.	
60	65			Brown clay.	
65	80			Coarse sand.	
80	96			Blue puggy drift.	
96	100			Blue decomposed granite.	

Basement: Reported by Driller at **96** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698291

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A245

LINE No.:

SURFACE R.L.: 276.9

BASEMENT R.L.: 180.9

200  
CU

DATE: October, 1971

DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: G. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black top soil.	
1	4			Brown cement.	
4	12			Fine sand.	
12	55			Coarse sand, bands of clay.	
55	60			Brown clay.	
60	73			Coarse sand.	
73	93			Caoline drift.	
93	96			Blue drifty clay.	
96	100			Blue decomposed granite.	

Basement: Reported by Driller at 96 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698292

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A246

LINE No.:

SURFACE R.L.: 275.4

BASEMENT R.L.: 181.4

336

DATE: Oct. 71 DRILLING CO., W.L. Sides

RIG No.:

R39

DRILLER

G. Artis

SAMPLE  
WASHER:

J. Artis

OUR  
SUPERVISOR:

G. Holloway

AUGER  
BIT DIA.:

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black top soil.	
1	4			Brown cement.	
4	10			Brown native cement.	
10	30			Coarse sand.	
30	80			Sandy clay.	
80	85			Fine silt.	
85	94			Blue clay.	
94	100			Decomposed granite.	

Basement: Reported by Driller at 94 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698293

2287

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A247**

LINE No.:

SURFACE R.L.: **276.3**

BASEMENT R.L.: **180.3**

DATE: **Oct. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **G. Artis**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **G. Holloway**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black top soil.	
1	5			Sand.	
5	12			Brown sandy clay.	
12	35			Clay.	
35	42			Coarse sand.	
42	70			Sand and silt.	
70	90			Silt and clay.	
90	96			Sand and blue clay.	
96	100			Decomposed granite.	

Basement: Reported by Driller at **96** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698294

288

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A248

LINE No.:

SURFACE R.L.: 261.6

BASEMENT R.L.: 157.1

DATE: Oct. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4			Black sand.	
4	13			Brown sand and fine wash.	
13	38			Pale brown sand and fine wash.	
38	56			Brown sand and fine wash.	
56	97			Brown sandy wash.	
97	102			Brown clay.	
102	104			Grey sand.	
104	104'6			Green sand.	Would not drill through.

Basement: Reported by Driller at 104'6" feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698295

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A249**

LINE No.:

SURFACE R.L.: **264.6**

BASEMENT R.L.: **133.6**

289

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	1			Grey sand and fine wash.	
1	4			Brown sand and fine wash.	
4	50			Brown sandy clay and wash.	
50	105			Brown sandy wash.	
105	110			Brown sandy clay.	
110	112			Brown sand.	
112	118			Brown sand.	
118	122			Brown sandy wash.	
122	131			Orange-brown sandy clay.	

Basement: Reported by Driller at **131** feet.

Deducted from samples      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698296

230

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A250

LINE No.:

SURFACE R.L.: 269.7

BASEMENT R.L.: 96.7

DATE: Oct. 71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER T. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. 9"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Grey sandy wash.	
2	8			Orange-brown sand and fine wash.	
8	42			Brown sand and fine wash.	
42	70			Brown sand and wash.	
70	157			Brown sandy wash.	
157	170			Brown sandy clay and wash.	
170	173			Grey sand.	
173	174			Decomposed granite.	

Basement: Reported by Driller at 173 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698297

1391

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A251**

LINE No.:

SURFACE R.L.: **275.8**

BASEMENT R.L.: **116.8**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Grey sandy wash.	
2	7			Orange-brown sandy clay and wash.	
7	12			Brown sand and fine wash.	
12	15			Greyish brown sandy wash.	
15	31			Brown sandy wash.	
31	50			Brown sand and fine wash.	
50	110			Brown sandy wash.	
110	114			Grey sandy clay and wash.	
114	134			Brown sandy wash.	
134	139			Brown sandy clay.	
139	150			Brown sandy wash.	
150	159			Brown sandy clay and wash.	
159	160			Decomposed granite.	

Basement: Reported by Driller at **159** feet.

Deduced from samples feet.

# AUGER DRILL LOG

AREA: **Endurance**

HOLE No.: **A252**

LINE No.:

SURFACE R.L.: **278.6**

BASEMENT R.L.: **130.6**

292

DATE: **Oct. 71**

DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Top soil.	
2	6			Brown sandy clay.	
6	15			Brown sand and fine wash.	
15	42			Brown sandy wash.	
42	89			Brown sand and fine wash.	
89	100			Brown sandy wash.	
100	148			Grey sandy clay and wash.	
148	160			Decomposed granite.	

Basement: Reported by Driller at **148** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698299

293

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A253

LINE No.:

SURFACE R.L.: 278.3

BASEMENT R.L.: 101.3

DATE: November, 1971  
DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER: J. Artis

SAMPLE WASHER: G. Rainbird

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Hard sand, native cement.	
4	45			Coarse sand.	
45	102			Coarse sand, bands of clay.	
102	112			Soft sandy clay.	
112	124			White puggy sand.	
124	136			Puggy grey clay.	
136	148			Hard clay.	
148	153			Solid wash.	
153	160			Puggy clay wash.	
160	165			Puggy clay.	
165	175			Solid wash 1½" dia.	
175	177			White clay.	
177	180			LIGHT green decomposed granite.	

Basement: Reported by Driller at 177 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698300

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A254

LINE No.:

SURFACE R.L.: 277.9

BASEMENT R.L.: 119.9

294

DATE: Nov. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER J. Artis

SAMPLE WASHER: T. Triffet

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	2			Top soil.	
2	18			Coarse sandy clay.	
18	45			Native cement.	
45	80			Coarse sand.	
80	102			Fine sand.	
102	112			Brown puggy clay.	
112	124			Drift and soft clay.	
124	136			White puggy drift with bands of clay.	
136	144			Solid wash with puggy soft clay.	
144	148			Solid wash and blue puggy clay.	
148	158			Decomposed granite.	
158	160			Decomposed granite.	

Basement: Reported by Driller at 158 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698301

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A255

LINE No.:

SURFACE R.L.: 277.5

BASEMENT R.L.: 120.5

DATE NOV. 71

DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Coarse sand.	
2	4			Hard native cement.	
4	60			Coarse sand.	
60	102			" "	
102	119			Fine sand.	
119	124			Wash 1" dia.	
124	136			Puggy sand.	
136	157			Wash 1½" dia.	
157	160			Decomposed granite.	

Basement: Reported by Driller at 157 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698302

296

AREA: Endurance

HOLE No.: A256

LINE No.:

SURFACE R.L.: 277.5

BASEMENT R.L.: 117.5

DATE: NOV. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Hard native cement.	
4	45			Coarse sand.	
45	85			" "	
85	87			White clay.	
87	108			Fine beach sand.	
108	122			Soft drift clay.	
122	125			Wash 1" dia.	
125	133			White clay.	
133	142			Puggy drift.	
142	158			Solid wash 1½" dia.	
158	160			Soft yellow clay.	
160	163			White decomposed granite.	

Basement: Reported by Driller at 160 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698303

257

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A257

LINE No.:

SURFACE R.L.: 277.0

BASEMENT R.L.: 117.0

DATE November, 1971 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	15			Coarse sand.	
15	86			" "	
86	90			Brown clay.	
90	108			Drift.	
108	114			White clay.	
114	127			Soft drift clay.	
127	131			White clay.	
131	136			Brown clay.	
136	143			Drifty clay.	
143	158			Solid wash 1" dia.	
158	160			Blue drifty clay.	
160	163			White decomposed granite.	

Basement: Reported by Driller at 160 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698304

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A259

LINE No.:

SURFACE R.L.: 277.0

BASEMENT R.L.: 127.0

2003

DATE: Oct. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Black top soil.	
2	5			Native cement.	
5	9			Yellow puggy sand.	
9	27			Fine beach sand.	
27	55			Coarse sand.	
55	65			Soft white clay.	
65	93			Coarse sand.	
93	101			Puggy drift.	
101	122			Wash 1" dia.	
122	132			Puggy drift.	
132	134			White clay.	
134	136			Fine puggy sand.	
136	138			Fine puggy sand.	
138	142			Puggy drift.	
142	148			Brown clay.	
148	150			White puggy drift.	
150	154			White decomposed granite.	

Basement: Reported by Driller at 150 feet.

\* Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698305

AUGER DRILL LOG

AREA: Endurance

HOLE No.: A260

LINE No.:

SURFACE R.L.: 276.0

BASEMENT R.L.: 128.5

698305

DATE: Oct. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Black top soil.	
1	6			Yellow sandy clay.	
6	97			Coarse sand, bands of soft clay.	
97	110			Drift clay.	
110	112			Brown clay.	
112	139			Brown clay.	
139	145			Solid wash 1½" dia.	
145	147			Blue drift clay.	
147	149			Blue decomposed granite.	

Basement: Reported by Driller at 147'6" feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698306

300

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A261

LINE No.:

SURFACE R.L.: 275.8

BASEMENT R.L.: 126.8

DATE: Oct. 71

DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER A. Watson

SAMPLE WASHER: J. Artis

OUR SUPERVISOR: G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	4			Fine sand.	
4	6			Hard cement.	
6	11			Brown native cement.	
11	28			Fine muddy sand.	
28	35			Silty sand.	
35	95			Coarse sand.	
95	100			Puggy sand.	
100	112			Puggy sand.	
112	124			Grey puggy drift.	
124	132			Brown puggy drift.	
132	138			Blue puggy drift.	
138	149			Green sandy clay.	
149	150			Blue decomposed granite.	

Basement: Reported by Driller at 149 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698307

301

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A262

LINE No. :

SURFACE R.L. : 275.0

BASEMENT R.L. : 168.0

DATE : Oct. 71 DRILLING CO. : W.L. Sides

RIG No. : R39

DRILLER G. Artis

SAMPLE WASHER :

A. Watson

OUR SUPERVISOR :

G. Holloway

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	3			Fine sand.	
3	5			Hard cement.	
5	11			Brown clay.	
11	13			Brown native clay.	
13	30			Fine muddy sand.	
30	80			Coarse sand.	
80	87			Puggy clay.	
87	100			Hard brown clay.	
100	107			Blue clay.	
107	112			Decomposed granite.	

Basement : Reported by Driller at 107 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698308

302

AREA: **Endurance**

HOLE No.: **A263**

LINE No.:

SURFACE R.L.: **274.2**

BASEMENT R.L.: **194.2**

DATE: **Oct. 71** DRILLING CO.: **W.L. Sides**

RIG No.: **R39**

DRILLER **A. Watson**

SAMPLE WASHER: **J. Artis**

OUR SUPERVISOR: **G. Holloway**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	77			Coarse sand with bands of soft clay. Blue puggy drift. Light blue decomposed granite.	
77	80				
80	86				

Basement: Reported by Driller at **80** feet.

Deduced from samples feet.

**AUGER DRILL LOG**

AREA: **Endurance** HOLE No.: **A264** LINE No.: SURFACE R.L.: **263.4** BASEMENT R.L.: **173.4**

DATE: **November, 1971** DRILLING CO.: **Monopumps** RIG No.: **Gemco** DRILLER **D. Bannister** SAMPLE WASHER: OUR SUPERVISOR: AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	18			Dark brown sandy clay.	
18	60			Grey sandy clay and fine wash.	
60	80			Grey sandy clay and 1/8" wash.	
80	90			Yellow sandy clay and 1/8" wash.	
90	92			Decomposed granite.	

Basement: Reported by Driller at **90** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698310

305

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A266**

LINE No.:

SURFACE R.L.: **272.5**

BASEMENT R.L.: **125.5**

DATE: **NOV. 71** DRILLING CO.: **W.L. Sides & Co** RIG No.: **R39**

DRILLER **R. Tanner**

SAMPLE WASHER: **G. Rainbird**

OUR SUPERVISOR: **A. Vaughan**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	1			Black top soil.	
1	20			Yellow clay sand.	
20	90			Brown clay, coarse sand.	
90	110			White clay, " "	
110	122			Clay wash.	
122	136			Ironstone clay.	
136	140			Ironstone clay sand.	
140	145			Wash.	
145	147			Basement.	

Basement: Reported by Driller at **147** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698311

304

**AUGER DRILL LOG**

AREA **Endurance**

HOLE No.: **A267**

LINE No.:

SURFACE R.L.: **279.3**

BASEMENT R.L.: **124.3**

DATE: **November, 1971**, DRILLING CO. **W.L. Sides & Co.** RIG No.: **R39**

DRILLER **R. Tanner**

SAMPLE WASHER: **G. Rainbird**

OUR SUPERVISOR: **A. Vaughan**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	6			White sand.	
6	30			Yellow clay.	
30	55			Black clay sand.	
55	124			White clay sand.	
124	130			White clay and coarse sand, gemstone trace.	
130	155			Wash and pug.	
155	166			Bottom.	

Basement: Reported by Driller at **155** feet.

Deduced from samples feet.

300

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A270

LINE No.:

SURFACE R.L.: 282.2

BASEMENT R.L.: 112.2

DATE: NOV. 71 DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER G. Ryan

SAMPLE WASHER: G. Rainbird

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	12			Yellow clay.	
12	24			Black sandy clay.	
24	41			Heavy drift.	
41	59			White clay and sand.	
59	72				
72	120			Pug and light drift.	
120	150			Puggy clay and layers of wash.	
150	163			Pug and heavy wash.	
163	172			Bottom.	

Basement: Reported by Driller at 170 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698313

307

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A273

LINE No. :

SURFACE R.L. : 283.3

BASEMENT R.L. : 113.3

DATE : Dec. 71

DRILLING CO. : W.L. Sides & Co. RIG No. : R39

DRILLER G. Ryan

SAMPLE WASHER :

R. Rattray

OUR SUPERVISOR :

A. Vaughan

AUGER BIT DIA. :

6"

Section feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	1			Top soil.	
1	18			Yellow sandy clay.	
18	38			Drift.	
38	60			White sandy clay.	
60	70			" " "	
70	98			Pug and light wash.	
98	121			Pug and large wash.	
121	150			Pug and light wash.	
150	156			Pug and small wash.	
156	169			Yellow silty clay and fine wash.	
169	170			Yellow silty clay.	
170	174			Bottom.	

Basement : Reported by Driller at 170 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698314

308

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A274

LINE No.:

SURFACE R.L.: 283.6

BASEMENT R.L.: 115.6

DATE: Dec. 71

DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER G. Ryan

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER 6" BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	3			Grey sandy clay.	
3	6			Native cement.	
6	15			Yellow sandy clay.	
15	27			Grey sandy clay.	
27	80			Drift.	
80	102			Yellow silty clay.	
102	148			Pug and small wash.	
148	168			Pug and wash.	
168	172			Bottom.	

Basement: Reported by Driller at 168 feet.

Deducted from samples feet.

**AUGER DRILL LOG**

309

AREA: **Endurance**

HOLE No.: **A276**

LINE No.:

SURFACE R.L.: **276.5**

BASEMENT R.L.: **124.5**

DATE **November, 1971**, DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4			Grey sandy wash.	
4	5			Pale grey sand.	
5	24			Brown sandy clay and fine wash.	
24	107			Dark brown sandy wash.	
107	121			Grey sandy clay and wash.	
121	142			Grey sand.	
142	149			Grey sandy wash.	
149	152			Brown sandy clay and wash.	
152	160			Decomposed granite.	

Basement: Reported by Driller at **152.** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698316

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A277

LINE No.:

SURFACE R.L.: 275.9

BASEMENT R.L.: 165.9

698316

DATE: November, 1971  
DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Brown sandy wash.	
2	4			Pale grey sand.	
4	11			Brown sandy clay and fine wash.	
11	30			Dark brown sandy wash.	
30	86			Brown sandy wash.	
86	110			White sandy wash.	
110	112			Decomposed granite.	

Basement: Reported by Driller at 110 feet.

Deduced from samples feet.

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A278**

LINE No.:

SURFACE R.L.: **273.9**

BASEMENT R.L.: **155.9**

07 311

DATE: **November, 1971** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Mannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	5			Brown sandy wash.	
5	11			Pale brown sand and fine wash.	
11	84			Brown sandy wash.	
84	89			Pug.	
89	101			Grey sandy wash.	
101	118			Brown sandy clay and wash.	
118	124			Decomposed granite.	

Basement: Reported by Driller at **118** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698318

**AUGER DRILL LOG**

313

AREA: Endurance

HOLE No.: A279

LINE No.:

SURFACE R.L.: 275.2

BASEMENT R.L.: 169.2

DATE: November, 1971  
DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER 6" BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	5			Grey sand and fine wash.	
5	26			Brown sand and fine wash.	
26	59			Brown sandy wash.	
59	106			Dark brown sandy wash.	
106	108			Decomposed granite.	

Basement: Reported by Driller at 106 feet.

Deducted from samples feet.

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A280

LINE No.:

SURFACE R.L.: 282.4

BASEMENT R.L.: 172.4

DATE: November, 1971  
DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	4'6"			Grey sand and fine wash.	
4'6"	30			Brown sand and fine wash.	
30	57			Brown sandy wash.	
57	110			Grey sandy wash.	
110	130			Decomposed granite.	

Basement: Reported by Driller at 110 feet.

Deduced from samples feet.

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.:

A282

LINE No.:

SURFACE R.L.: 290.9

BASEMENT R.L.: 110.9

312

DATE: December 1971 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER P. Mountney

SAMPLE WASHER:

R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	16			Yellow sand.	
16	79			Yellow sandy clay.	
79	84			Drift.	
84	135			White puggy sand.	
135	138			Wash.	
138	146			Drift.	
146	148			Pug.	
148	157			Pug.	
157	170			Large Wash.	
170	176			Pug.	
176	180			Wash.	
				This hole was not bottomed.	

Basement: Reported by Driller at 180 feet.

Deduced from samples feet.

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A284

LINE No. :

SURFACE R.L. : 288.1

BASEMENT R.L. : 109.1

DATE : November, DRILLING CO. Monopumps  
1891

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE  
WASHER :

OUR  
SUPERVISOR :

AUGER  
BIT DIA. : 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	4			Brown sandy clay.	
4	109			Brown sandy wash.	
109	132			Grey sandy clay and wash.	
132	179			Brown sandy wash.	
179	184			Grey sandy wash.	Limit of drill.

Basement : Reported by Driller at 179 feet.

Deduced from samples feet:

# AUGER DRILL LOG

AREA: Endurance

HOLE No.: A286

LINE No.:

SURFACE R.L.: 288.5

BASEMENT R.L.: 120.5

DATE: Dec. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER G. Ryan

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	5			Brown sandy clay.	
5	7			Native cement.	
7	18			Yellow sandy clay.	
18	26			Grey sandy clay.	
26	39			Yellow sandy clay.	
39	48			Yellow silty clay.	
48	110			Drift.	
110	112			Pug and very little wash.	
112	148			Puggy clay, very little wash.	
148	168			Yellow clay and wash.	
168	172			Bottom.	

Basement: Reported by Driller at 168 feet.

Deduced from samples feet.

# AUGER DRILL LOG

AREA: **Endurance**

HOLE No.: **A289**

LINE No.:

SURFACE R.L.: **279.7**

BASEMENT R.L.: **117.7**

317

DATE: **November, 1971** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Grey sandy wash.	
2	6			Orange-brown sand and fine wash.	
6	59			Brown sand and fine wash.	
59	63			Brown pug.	
63	106			Brown sandy wash.	
106	141			Grey sandy wash.	
141	162			Brown sandy wash.	
162	164			Decomposed granite.	

Basement: Reported by Driller at **162** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698324

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A290

LINE No.:

SURFACE R.L.: 278.2

BASEMENT R.L.: 168.2

318

DATE November, 1971 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Grey sandy wash.	
2	4			Brown sandy wash.	
4	6			Dark brown sandy wash.	
6	98			Brown sandy wash.	
98	110			White sandy wash.	
110	112			Decomposed granite.	

Basement: Reported by Driller at 110 feet.

Deduced from samples feet.

698325

319

# AUGER DRILL LOG

AREA: **Endurance**

HOLE No.: **A291**

LINE No.:

SURFACE R.L.: **276.3**

BASEMENT R.L.: **162.3**

DATE: **November, 1971**, DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Grey sandy wash.	
2	4			Brown sand and fine wash.	
4	14			Dark brown sand and fine wash.	
14	108			Brown sandy wash.	
108	114			White sandy clay and wash.	
114	129			Decomposed granite.	

Basement: Reported by Driller at **114** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698326

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A292

LINE No. :

SURFACE R.L. : 275.2

BASEMENT R.L. : 134.2

320

DATE November, 1971  
DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Grey sandy wash.	
2	6			Pale brown sand and fine wash.	
6	14			Dark brown sandy wash.	
14	99			Brown sand and fine wash.	
99	100			Pug.	
100	130			White sandy pug.	
130	141			Brown sandy clay and wash.	
141	142			Decomposed granite.	

Basement : Reported by Driller at 141 feet.

Reduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698327 321

AREA: **Endurance** HOLE No.: **A295** LINE No.: SURFACE R.L.: **287.9** BASEMENT R.L.: **105.9**

DATE: **January, 1972** DRILLING CO.: **W.L. Sides & Co.** RIG No.: **R39** DRILLER: **P. Mounthey** SAMPLE WASHER: **R. Rattray** OUR SUPERVISOR: **T. Vaughan** AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	13			Brown sand.	
13	15			Yellow sand.	
15	30			Yellow clay.	
30	34			" "	
34	85			Drift.	
85	110			White sandy pug.	
110	128			White sandy pug and wash.	
128	146			White sandy pug.	
146	160			Yellow clay wash.	
160	162			Yellow clay.	
162	171			Brown silt.	
171	177			Wash and coarse sand.	
177	182			Blue pug.	
182	183			Bottom.	

Basement: Reported by Driller at **182** feet.  
 Deduced from samples **feet.**

B.M.I. MINING PTY. LIMITED — TASMANIA

698328

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A297**

LINE No.:

SURFACE R.L.: **289.3**

BASEMENT R.L.: **94.3**

322

DATE: **Dec. 71** DRILLING CO.: **W.L. Sides & Co** FIG No.: **R39**

DRILLER **P. Mountney**

SAMPLE WASHER:

OUR SUPERVISOR: **A. Vaughan**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	8			White sand.	
8	42			Yellow clay.	
42	105			Drift.	
105	124			White sandy pug.	
124	134			Puggy clay and ½" wash.	
134	156			Sandy pug.	
156	161			Sandy pug and large wash.	
161	171			Hard pug and large wash.	
171	189			Brown pug,	
189	195			Large wash and sand.	
195	196			Bottom.	

Basement: Reported by Driller at **195** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698329

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A299

LINE No.:

SURFACE R.L.: 295.6

BASEMENT R.L.: 107.6

6233

DATE: Dec. 71 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER G. Ryan

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	11			Grey sandy clay.	
11	39			Yellow sandy clay.	
39	48			Drift.	
48	102			Drift.	
102	132			Puggy clay.	
132	136			Puggy clay and small wash.	
136	164			Sandy pug.	
164	172			Large wash 3/4".	
172	180			Wash 3/4" sand.	
180	184			Decomposed granite.	

Basement: Reported by Driller at 180 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698330

**AUGER DRILL LOG**

324

AREA: Endurance

HOLE No.: A301

LINE No.:

SURFACE R.L.: 288.0

BASEMENT R.L.: 117.0

DATE: December, 1971, DRILLING CO. W.L. Sides & Co. RIG No.: R39

DRILLER P. Mountney

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
72	109			Sand pug.	
109	120			Drift.	
120	156			Small wash.	
156	168			Large wash.	
168	171			Wash.	
171	174			Bottom.	
174	189			Brown silt.	
189	195			Large wash and sand.	
195	196			Bottom.	

Basement: Reported by Driller at 171 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698331

325

AREA: Endurance

HOLE No.: A306

LINE No.:

SURFACE R.L.: 298.2

BASEMENT R.L.: 130.2

DATE: January, 1972  
DRILLING CO.: W.L. Sides

RIG No.: R39

DRILLER P. Mountney

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	1			Top soil.	
1	11			Yellow sand.	
11	48			" "	
48	106			Brown drift.	
106	111			White puggy drift.	
111	124			Small wash and sandy clay.	
124	136			Sandy pug.	
136	159			" "	
159	160			Yellow clay and wash.	
160	168			Yellow clay wash.	
168	196			Sandy pug wash.	

Basement: Reported by Driller at 168 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698332

320

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.:

**A 308** LINE No.:

SURFACE R.L.: **298.0**

BASEMENT R.L.: **115.0**

DATE: **January, 72**

DRILLING CO.: **W.L. Sides & Co.** RIG No.: **R39**

DRILLER: **P. Mountney**

SAMPLE WASHER: **R. Rattray**

OUR SUPERVISOR: **A. Vaughan**

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	1			Top soil.	
1	9			Grey sand.	
9	11			Yellow sand.	
11	43			Yellow clay.	
43	98			Drift.	
98	117			White sandy pug.	
117	122			Sandy pug wash.	
122	134			White sandy pug.	
134	146			Yellow clay wash.	
146	150			Brown silt.	
150	160			Yellow clay wash.	
160	176			Pug and wash.	
176	181			Pug.	
181	183			Brown silt.	
183	184			Bottom.	

Basement: Reported by Driller at **183** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698333

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A310

LINE No.:

SURFACE R.L.: 288.7

BASEMENT R.L.: 108.7

327

DATE: January, 72 DRILLING CO. W.I. Sides & Co. RIG No.: R39

DRILLER P. Mounthey

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Top soil.	
1	7			Light grey sand.	
7	9			Yellow sand.	
9	43			Yellow clay.	
43	89			Drift.	
89	105			Sandy pug.	
105	124			Sandy pug and wash.	
124	126			Sandy pug and wash.	
126	142			Sandy pug.	
142	154			Yellow clay wash.	
154	162			Hard sandy. pug.	
162	168			Hard yellow clay and wash.	
168	172			Blue pug.	
172	176			Drift.	
176	180			Blue pug.	
180	184			Bottom.	

Basement: Reported by Driller at 180 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698334

2208

AREA: Endurance

HOLE No.: A312

LINE No.:

SURFACE R.L.: 284.5

BASEMENT R.L.: 107.5

DATE: Jan. 72 DRILLING CO.: W.L. Sides & Co.

RIG No.: R39

DRILLER P. Mointney

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Top soil.	
2	18			Yellow clay.	
18	25			White pug.	
25	36			Yellow clay.	
36	102			Drift.	
102	122			Sandy pug.	
122	126			Sandy pug and wash.	
126	136			Sandy pug.	
136	144			Sandy pug.	
144	156			Yellow clay and wash.	
156	162			Sandy pug, veryhard.	
162	167			Sandy pug, small wash.	
167	171			Yellow clay wash.	
171	177			Blue pug.	
177	184			Bottom	

Basement: Reported by Driller at 177 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698335

329

**AUGER DRILL LOG**

AREA: **Endurance** HOLE No.: **A319** LINE No.: SURFACE R.L.: **281.4** BASEMENT R.L.: **93.4**

DATE: **January 72** DRILLING CO.: **W.L. Sides & Co** CORIG No.: **R39** DRILLER **P. Mountney** SAMPLE WASHER: **R. Rattray** OUR SUPERVISOR: **A. Vaughan** AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Top soil.	
1	7			Grey sand.	
7	15			Brown drift.	
15	24			Yellow clay.	
24	95			Drift.	
95	136			White sandy pug.	
136	147			" " "	
147	158			Yellow clay, traces of wash.	
158	160			Blue pug wash.	

Basement: Reported by Driller at **188** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698336

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A321

LINE No. :

SURFACE R.L. : 280.3

BASEMENT R.L. : 96.3

330

DATE : January 72.

DRILLING CO. : W.L. Sides & CO. RIG No. : R39

DRILLER P. Mounthey

SAMPLE WASHER : R. Rattray

OUR SUPERVISOR : A. Vaughan

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Top soil.	
1	8			Grey sand.	
8	15			Yellow sand.	
15	60			Brown drift.	
60	75			Brown drift.	
75	122			White puggy drift.	
122	123			Brown silt.	
123	135			Sandy clay.	
135	136			Yellow clay and traces of wash.	
136	166			Yellow clay and traces of small wash.	
166	169			Sandy pug.	
169	179			Sandy pug and large wash.	
179	184			Blue pug.	
184	186			Bottom.	

Basement : Reported by Driller at 184 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698337

**AUGER DRILL LOG**

331

AREA: **Endurance** HOLE No.: **A323** LINE No.: SURFACE R.L.: **291.9** BASEMENT R.L.: **101.9**

DATE: **January 72** DRILLING CO.: **W.L. Sides & Co** RIG No.: **R39** DRILLER **P. Mounthey** SAMPLE WASHER: **R. Rattray** OUR SUPERVISOR: **A. Vaughan** AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Top soil.	
1	15			Grey sand.	
15	17			Yellow sand.	
17	67			Yellow pug.	
67	95			Drift.	
95	128			Sandy pug.	
128	145			Puggy drift.	
145	152			White pug and 8½" wash.	
152	165			Yellow sandy clay.	
165	172			Brown silt and wash.	
172	190			Large wash.	
190	193			Bottom.	

Basement: Reported by Driller at **190** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698338

AUGER DRILL LOG

AREA: Endurance

HOLE No.: A325

LINE No.:

SURFACE R.L.: 287.8

BASEMENT R.L.: 93.8

332

DATE: January, 72 DRILLING CO.: W.L. Sides & Co. RIG No.: R39

DRILLER P. Mountney

SAMPLE WASHER: R. Rattray

OUR SUPERVISOR: A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	1			Top soil.	
1	18			Grey sand.	
18	30			Yellow sand.	
30	37			Yellow clay.	
37	58			Sandy pug.	
58	112			Puggy drift.	
112	136			" "	
136	143			" "	
143	159			Yellow clay sand.	
159	163			Yellow clay indications of wash.	
163	170			Sandy pug.	
170	174			Sandy pug and small wash.	
174	179			Sandy pug.	
179	184			Sandy pug wash.	
184	194			Soft pug wash.	
194	196			Bottom.	

Basement: Reported by Driller at 194 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698339

**AUGER DRILL LOG**

AREA: e Endurance

HOLE No.: A330

LINE No.:

SURFACE R.L.: 284.8

BASEMENT R.L.: 89.8

DATE: February, 72 DRILLING CO.: W.L. Sides & Co

RIG No.: R39

DRILLER P. Mountney

SAMPLE WASHER:

R. Rattray

OUR SUPERVISOR:

A. Vaughan

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface 0	1			Top soil.	
1	15			Yellow sand.	
15	68			Yellow sandy clay.	
68	72			Sandy pug.	
72	138			Puggy drift.	
138	142			Large wash.	
142	145			Brown silt.	
145	156			Drift.	
156	160			Sandy pug.	
160	163			Sandy pug.	
163	172			Sandy pug and small wash.	
172	188			Grey silt with traces wash.	
188	196			Blue pug.	
196				Bottom.	

Basement: Reported by Driller at 195 feet.

Deduced from samples feet.

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No. **A349**

LINE No.:

SURFACE R.L.: **230.1**

BASEMENT R.L. **122.1**

634

DATE: **Oct. 71** DRILLING CO. **Monopumps**

RIG No.: **Gemco**

DRILLER: **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface					
0	2			Black sand.	
2	7			Brown sand.	
7	12			Brown sand and fine wash.	
12	32			Greyish brown sand and fine wash.	
32	98			Greyish brown sandy wash.	
98	108			Grey sandy clay and wash.	
108	115			Decomposed granite.	

Basement: Reported by Driller at **108** feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698341

**AUGER DRILL LOG**

335

AREA: **Endurance**

HOLE No.: **A350**

LINE No.:

SURFACE R.L.: **231.5**

BASEMENT R.L.: **125.5**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black sand.	
3	30			Brown sand and fine wash.	
30	52			Greyish brown sandy wash.	
52	69			Brown sandy wash.	
69	80			Greyish brown sandy pug.	
80	98			Brown sandy wash.	
98	106			Grey sandy clay and wash.	
106	110			Decomposed granite.	

Basement: Reported by Driller at **106** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698342

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A351

LINE No. :

SURFACE R.L. : 234.2

BASEMENT R.L. : 126.2

330

DATE : Oct. 671 DRILLING CO. Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sand.	
2	5			Brown sand.	
5	12			Brown sand and fine wash.	
12	70			Brown sandy wash.	
70	81			Brown sandy clay.	
81	95			Brown sandy wash.	
95	100			Brown sandy clay and wash.	Would not drill through.

Basement : Reported by Driller at 108 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698343

337

**AUGER DRILL LOG**

AREA : Endurance

HOLE No. : A352

LINE No. :

SURFACE R.L. 237.6

BASEMENT R.L. :

129.6

DATE : Oct. 71 DRILLING CO. Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER 6" BIT DIA.

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black sand.	
3	12			Brown sand and fine wash.	
12	28			Brown sand and fine wash.	
28	52			Brown sandy wash.	
52	66			Brown sandy clay and wash.	
66	78			Grey sandy wash.	
78	102			Brown sandy wash.	
102	108			Grey sandy clay and wash.	
108	112			Decomposed granite.	

Basement : Reported by Driller at 108 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698344

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A353**

LINE No. :

SURFACE R.L. : **238.8**

BASEMENT R.L. **154.8**

DATE: **Oct. 71** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER :

OUR SUPERVISOR

AUGER BIT DIA **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Top soil.	
3	12			Brown sandy clay and fine wash.	
12	30			Grey sandy clay and fine wash.	
30	48			Brown sandy clay and fine wash.	
48	84			Grey sandy clay and wash.	
84	93			Decomposed granite	

Basement: Reported by Driller at **84** feet.

Deducted from samples feet

B.M.I. MINING PTY. LIMITED — TASMANIA

698345

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A354

LINE No.:

SURFACE R.L.: 250.4

BASEMENT R.L.: 105.4

339

DATE November, 1971 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	45			Dark brown sandy clay.	
45	102			Dark brown sandy clay and fine wash.	
102	108			Dark brown sandy clay and 1/8" wash.	
108	120			Grey sandy clay and 1/8" wash.	
120	124			Yellow sandy clay and 3/4" wash.	
124	145			Grey sandy clay and 3/4" wash.	
145	148			Decomposed granite.	

Basement: Reported by Driller at 145 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698346

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A355

LINE No.:

SURFACE R.L.: 251.6

BASEMENT R.L.: 92.6

340

DATE November, 1971 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

?2

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	16			Dark brown sandy clay.	
16	42			Brown sandy clay.	
42	96			Brown sandy clay and fine wash.	
96	108			Brown sandy clay and 1/8" wash.	
108	159			Grey sandy clay and 1/8" wash.	
159	162			Decomposed granite.	

Basement: Reported by Driller at 159 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698347

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A356**

LINE No.:

SURFACE R.L.: **254.18**

BASEMENT R.L.:

104.1

DATE: **November, 1971** DRILLING CO.: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	9			Dark brown sandy clay.	
9	13			Light grey sandy clay.	
13	44			Brown sandy clay and fine wash.	
44	110			Light brown sandy clay wash 1/8.	
110	150			Grey sandy clay and wash 1/8.	
150	152			Decomposed granite.	

Basement: Reported by Driller at **150** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698348

AUGER DRILL LOG

342

AREA: Endurance

HOLE No.: A357

LINE No.:

SURFACE R.L.: 257.4

BASEMENT R.L. 107.4

DATE: November, DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: 6"

71

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	6			D. Brown sandy clay.	
6	20			Light brown sandy clay.	
20	60			Light brown sandy clay and fine wash.	
60	96			Grey sandy clay and fine wash.	
96	150			Grey sandy clay and 1/8 wash.	
150	158			Decomposed granite.	

Basement: Reported by Driller at 158 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED -- TASMANIA

**AUGER DRILL LOG**

698349

343

AREA : Endurance

HOLE No. : A358

LINE No. :

SURFACE R.L. : 259.9

BASEMENT R.L. : 101.9

DATE Nov. 71

DRILLING CO. : Monopumps

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER :

OUR SUPERVISOR :

AUGER BIT DIA. : 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	2			Black sandy clay.	
2	24			Dark brown sandy clay.	
24	36			Brown sandy clay and fine wash.	
36	102			Light brown sandy clay and fine wash.	
102	124			Light brown sandy clay and 1/8 wash.	
124	158			Grey sandy clay and 1/8 wash.	
158	160			Decomposed granite.	

Basement : Reported by Driller at 158 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698350

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A359

LINE No.:

SURFACE R.L.: 262.6

BASEMENT R.L.: 151.6

344

DATE: Nov. 71

DRILLING CO.: W.L. Sides & CORRIG No.: R39

DRILLER: J. Artis

SAMPLE WASHER:

G. Rainbird

OUR SUPERVISOR:

G. Holloway

AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Black top soil.	
2	4			Hard native cement.	
4	65			Coarse sand, bands of soft clay.	
65	90			Coarse sand.	
90	111			Puggy drift.	
111	112			Brown and green decomposed granite.	

Basement: Reported by Driller at 111 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698351

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A361**

LINE No.:

SURFACE R.L.: **265.4**

BASEMENT R.L.: **153.0**

349  
CH

DATE **Nov. 71**

DRILLING CO. **W.L. Sides & Co.** RIG No.: **R39**

DRILLER **J. Artis**

SAMPLE WASHER: **G. Rainbird**

OUR SUPERVISOR: **G. Holloway**

AUGER BIT DIA. **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Native cement.	
4	80			Coarse sand.	
80	112			Puggy clay - hard.	
112	117			Decomposed granite.	

Basement: Reported by Driller at **112** feet.

Deduced from samples                      feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698352

**AUGER DRILL LOG**

AREA: Endurance

HOLE No.: A 362

LINE No.:

SURFACE R.L.: 267.1

BASEMENT R.L.:

155.0  
255.0

DATE NOV. 71 DRILLING CO.: W.L. Sides RIG No.: R39 DRILLER J. Artis SAMPLE WASHER: G. Rainbird OUR SUPERVISOR: G. Holloway AUGER BIT DIA.: 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Native cement.	
4	85			Puggy clay.	
85	112			Fine sand.	
112	114			Decomposed granite.	

Basement: Reported by Driller at 112 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698353

347

AREA : Endurance

HOLE No. : A363

LINE No. :

SURFACE R.L. : 268.0

BASEMENT R.L. : 158.0

DATE : Nov. 71

DRILLING CO. : W.L. Sides & Co

RIG No. : R39

DRILLER

J. Artis

SAMPLE WASHER :

G. Rainbird

OUR SUPERVISOR :

G. Holloway

AUGER BIT DIA. :

6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface	2			Top soil.	
2	4			Native cement.	
4	15			Brown muddy clay.	
15	85			Soft muddy clay.	
85	110			Hard sand clay.	
110	112			Decomposed granite.	

Basement : Reported by Driller at 110 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

**AUGER DRILL LOG**

698354

AREA: **Endurance**

HOLE No.: **A364**

LINE No.:

SURFACE R.L.: **219.3**

BASEMENT R.L.: **171.3**

DATE: **Oct. 71** DRILLING CO: **Monopumps**

RIG No.: **Gemco**

DRILLER

**D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.: **6"**

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	8			Grey sandy clay and wash.	
8	36			Brown sandy clay and fine wash.	
36	48			Brown sandy clay and wash.	
48	54			Decomposed granite.	

Basement: Reported by Driller at **48** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

698355

**AUGER DRILL LOG**

AREA: **Endurance**

HOLE No.: **A365**

LINE No.:

SURFACE R.L.: **220.2**

BASEMENT R.L.: **166.249**

DATE: **Oct. 71** DRILLING CO: **Monopumps**

RIG No.: **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA.:

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	3			Black sandy clay.	
3	32			Brown sandy clay and fine wash.	
32	54			Grey sandy clay and fine wash.	
54	58			Decomposed granite.	

Basement: Reported by Driller at **54** feet.

Deduced from samples feet.

# AUGER DRILL LOG

698356

AREA: Endurance

HOLE No.: A366

LINE No.:

SURFACE R.L.: 218.0

BASEMENT R.L.: 138.00

350

DATE: Oct. 71

DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER

D. Bannister

SAMPLE WASHER:

OUR SUPERVISOR:

AUGER BIT DIA. 6"

Section Feet		Volume of Sample	Indication of TIN	Description of Strata	Remarks
From	To	cu. ft.			
Surface					
0	15			Black sandy clay.	
15	36			Brown sandy clay and fine wash.	
36	80			Grey sandy clay and wash.	
80	84			Decomposed granite.	

Basement: Reported by Driller at 80 feet.

Deduced from samples feet.