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A REPORT ON EXPLORATION UNDERTAKEN BY

B.M.I. MINING PTY. LIMITED

ON THE BANCA FLATS WITHIN E.L. 19/70,

FROM NOVEMBER, 1971 TO MARCH, 1973.

By: I.H. Williams,
Exploration Supervisor.

C O N T E N T S.APPENDIX.

1. Auger Drill Logs.
2. Percussion Drill Logs.
3. Locality Plan.
4. Auger Drilling - cross sections.
5. Drill Hole Location Map.
6. Bedrock Contour Map.

MAPS

LOCATION:-

The Banca is situated approximately 6 miles north of the township of Winnaleah. This report deals with exploration carried out on East Banca, i.e., the area lying generally on the eastern side of the Boobyalla River (see location chart appendix 3.)

HISTORY:-

Shortly after this company established operations in Tasmania in early 1970, it took up an area of approximately 300 square miles as E.L.19/70. This area has since been reduced and the areas dropped are the subject of previous reports. A literary search was undertaken by Mr. Z. Kociumbas of this company and Dr. J.C. Standard, Consulting Geologist, the result of which indicated to them that the Banca Flats warranted exploration. This decision, no doubt was based on the work previously undertaken by International Mining Corporation who had drilled some 51 holes and also did extensive exploration with back hoes.

Most of their work was located on the Western side of the Boobyalla River. When these holes were plotted, it was noticed in a number of instances that those holes nearest the river were not bottomed, therefore the possibility of the existence of a deep channel between the Boobyalla River and the basalt outcrop to the east was considered. With this in mind, a series of Gemco Auger holes were set out, and drilling to establish basement depth was commenced in November, 1971.

AUGER DRILLING:-

The drilling was contracted to Mono Pumps, who used Gemco rig with a 6" Auger. In all, 32 holes were drilled.

RESULTS:-

The first line drilled were holes A149 to A161 inclusive,

RESULTS (Continued)

which confirmed the theory, as a channel approximately 80 ft wide was discovered.

Holes bottomed on decomposed granite and a considerable depth of wash was evident in all holes (Appendix 1.) In line 2, the channel was still evident, although very much narrower. Its true depth cannot be gauged as hole 142 was not bottomed, due to jamming in the hole. The basement remained decomposed granite. In an effort to establish the extent of the channel as quickly as possible, line 3 was missed, and drilling continued on to line 4. Here again a channel was evident, however, it's width could not be determined, as hole 116 encountered a floater at 25', and the adjoining hole 116a could not be bottomed, again due to jamming, the remaining holes 116b, c, d, e, f and g all bottomed on basalt and could not be penetrated. On the remaining line, only two holes were completed, although again a deepening was evident (hole 164). At this point the contract with Mono Pumps ceased and the only other drill available, an early model Gemco was not sufficiently powered to undertake drilling on this area.

PERCUSSION DRILLING:-

To date, the results shown by International Mining Corporation had been taken as read, therefore, in January, 1973, it was decided to test these results with a series of percussion holes. Initially, holes BP1 - BP10 were situated parallel to I.M.C. holes 35 to 46. A Goldfields rig was used and samples were taken each 5 feet and forwarded to the Mines Department, Launceston for assay.

The hole depths generally corresponded, but the value of Sn.02. was considerably lower than I.M.C. drilling proved. Another line was placed 500 feet north, and again the values proved to be around 1 ounce/yd³. At this point, inclement weather set in and made it virtually impossible to move the rigs, so the

programme was temporarily suspended.

EXPENDITURE:-

To date, the sum of \$14,163 has been expended on Exploration at the Banca.

CONCLUSION:-

As stated above, the auger drilling appears to have been successful in locating a channel on the eastern side of the Boobyalla River, (see cross section and bedrock contour map). The actual extent of this channel remains at this time indeterminate, however, from the logs (Appendix 1) it is obvious that those holes within the channel are carrying wash, therefore there must be a possibility that they are tin bearing.

The Percussion holes drilled unfortunately are inconclusive, in as much as we failed to agree even closely with I.M.C. results. This of course does not mean that those results must be disregarded. It indicates however, the need for more work on our part to try to establish a closer correlation.

FUTURE PROGRAMME:-

It is proposed to test the values in the channel with Percussion Drilling. Commencing approximately 300' south of line 1, i.e. Hole A149, lines will be placed across the channel at around 600' centres and holes will be drilled at 200' centres. Approximately 4 holes to be drilled on each cross section so placed. This will give approximately 24 percussion holes to be drilled initially. Samples will again be taken at 5' intervals and results obtained from the Mines Department, Launceston.

In addition, as there is a history of Gold in the area, samples will also be assayed for AU content. On the Western side of the Boobyalla, it is proposed to bisect the two lines already drilled with another row of percussion holes.

FUTURE PROGRAMME (Continued)

These too, to be assayed for Gold as well as Tin.

Additional percussion drilling will be undertaken on this side of the River, as results dictate. The same of course applies to the Eastern drilling.

If we obtain significant values within the channel, we will continue to follow it with exploratory drilling.

There is no doubt that if we are successful with this channel, our efforts will be expanded to exploration along the other creek lines on the Western side.

At the present time, consideration is being given to covering the area so far drilled with mineral claims.

Williams
9-11-1973

APPENDIX 1

AUGER DRILL LOGS

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B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 109

LINE No. : 1

SURFACE R.L. : 86.5

BASEMENT R.L. : 33.5

DATE Jan '72 DRILLING CO. : Mono Pump RIG No. : 3 DRILLER Bannister SAMPLE WASHER : Ponting 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			Black sand	
2	6			Brown sand	
6	9			Greyish brown sand	
9	18			Brown sandy clay and fine wash	
18	53			Grey sandy wash	
53	57			Decomposed granite	

Basement : Reported by Driller at 53 feet.

Deduced from samples feet.

656009

007

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: A111

LINE No.: 1

SURFACE R.L.: 91.3

BASEMENT R.L.: -13.7

DATE: Jan '72 DRILLING CO.: Mono Pumps

RIG No.: Gemco

DRILLER Bannister

SAMPLE WASHER: Ponting

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			Black sand	
1	4			Brown clay	
4	8			Brown sandy clay and fine wash	
8	10			Greyish brown sandy clay	
10	51			Dark brown sandy wash	
51	70			Brown sandy wash	
70	77			White sandy wash	
77	89			Pale brown sandy wash	
89	102			Pale green sandy clay and wash	
102	105			White sand	
105	111			Decomposed granite	

Basement: Reported by Driller at 105 feet.

Deduced from samples feet.

108

656010

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 113

LINE No.: 4

SURFACE R.L.: 975

BASEMENT R.L.: 43.5

DATE: Jan '72 DRILLING CO.: Mono Pumps RIG No.: Gemco DRILLER Bannister SAMPLE WASHER: Ponting 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			Black sand	
2	8			Brown sandy clay	
8	19			Greyish brown sand and fine wash	
19	26			Brown sandy wash	
26	67			Brown sandy wash	
67	113			Brown sandy clay and wash	
113	133			Pale brown sandy wash	
133	141			Green sandy clay and wash	
141	147			Decomposed granite.	

Basement: Reported by Driller at 141 feet.

Deduced from samples feet.

009

656011

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 115

LINE No.: 4

SURFACE R.L.: 127.9

BASEMENT R.L.: 41.1

DATE: Jan '72 DRILLING CO.: Monopump

RIG No.: Gemco

DRILLER Bannister

SAMPLE WASHER: R. Ponting⁹

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			Black sand	
1	2			Brown sand and fine wash	
2	11			Greyish brown sandy clay	
11	15			Greyish brown sandy wash	
15	18			Black clay	
18	42			Brown sandy wash	
42	53			Brown sandy clay and wash	
53	96			Brown sandy wash	
96	125			Brown sandy clay and wash	
125	155			Brown sandy wash	
155	168			White sandy wash	
168	171			Decomposed granite.	

Basement: Reported by Driller at 168 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 116

LINE No. :

SURFACE R.L. : 134.7

BASEMENT R.L. :

DATE : Feb '72 DRILLING CO. : Mono pump RIG No. : Gemco DRILLER : Bannister SAMPLE WASHER : Ponting 9 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 sand	
1	4			Brown sandy wash	
4	9			Brown sandy clay	
9	25			Brown sandy wash	
				Hole not bottomed - drill unable to penetrate further.	

Basement : Reported by Driller at feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca HOLE No. : 116A LINE No. : SURFACE R.L. : 184.3 BASEMENT R.L. :

DATE : Feb, '72 DRILLING CO. : Monopumps RIG No. : Gemco DRILLER : Bennister SAMPLE WASHER : Ponting 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	10			Reddish brown sandy wash	
10	18			Brown sandy wash	
18	26			Grey sand	
26	34			Grey sand	
34	42			Brown sandy wash	
42	57			Brown sandy wash	
57	61			Black sandy clay	
61	94			Brown sandy wash	
94	117			Brown sandy clay and wash	
117	143			Brown sandy wash	
143	182			Brown sand in fine wash	
				Unable to drill further.	

Basement : Reported by Driller at N.B. feet.

Deduced from samples feet.

012

656014

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 116B

LINE No. :

SURFACE R.L. : 197.0

BASEMENT R.L. :

DATE : Feb '72 DRILLING CO. : Mono pumps

RIG No. : Gemco

DRILLER Bannister

SAMPLE WASHER : R. Ponting

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	4			Reddish brown sand	
4	28			Brown sandy clay	
28	33			Green sandy clay and wash	
				Unable to drill further. Mole not bottomed.	

Basement : Reported by Driller at feet.

Deduced from samples feet.

013

656015

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOGAREA: **Banca**HOLE No.: **116C**

LINE No.:

SURFACE R.L.: **209.1**

BASEMENT R.L.:

DATE: **Feb '72** DRILLING CO.: **Mono Pumps**RIG No.: **Gemco**DRILLER **Bannister**SAMPLE WASHER: **R. Ponting**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	8			Gray and and fine wash Brown sandy clay Yellow brown sandy clay/ Unable to drill further. Hole not bottomed.	
8	12				
12	22				

Basement: Reported by Driller at feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 116D

LINE No. :

SURFACE R.L. : 221.8

BASEMENT R.L. :

DATE : Feb '72 DRILLING CO. : Mono Pumps RIG No. : Gemco DRILLER : Bannister SAMPLE WASHER : Ponting 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	6			Grey sand and fine wash	
6	24			Greyish brown sandy wash	
24	44			Pale brown sandy wash	
44	59			Brown sandy clay and wash	
				Drill unable to penetrate further - hole not bottomed.	

Basement : Reported by Driller at feet.

Deduced from samples feet.

015

656017

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: **Banca**

HOLE No.: **116E**

LINE No.:

SURFACE R.L.: **228.6**

BASEMENT R.L.:

DATE: **Feb '72** DRILLING CO.: **Monopump**

RIG No.: **Gemco**

DRILLER **Bannister**

SAMPLE WASHER: **Ponting**

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			Grey sand and fine wash	
6	13			Brown sandy wash	
13	24			Brown sand and fine wash	
24	44			Pale brown sandy wash	
44	47			Brown sandy clay and wash	
47	52			Green sandy clay and wash	
				Drill unable to penetrate further - hole not bottomed.	

Basement: Reported by Driller at feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: **Banca**

HOLE No.: **116F**

LINE No.:

SURFACE R.L.: **227.7**

BASEMENT R.L.:

DATE: **Feb, '72** DRILLING CO.: **Mono pump**

RIG No.: **Gemco**

DRILLER **Bannister**

SAMPLE WASHER: **Ponting**

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	15			Brown sand Brown sand and fine wash Brown sandy clay Green sandy clay Drill unable to penetrate further - hole not bottomed.	
15	24				
24	40				
40	46				

Basement: Reported by Driller at feet.

Deduced from samples feet.

017

656019

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOGAREA: **Banca**HOLE No.: **116G**

LINE No.:

SURFACE R.L.: **229.9**

BASEMENT R.L.:

DATE: **Feb '72** DRILLING CO.: **Mono Pump**RIG No.: **Gemco**DRILLER **Bannister**SAMPLE WASHER: **Ponting**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	9			Brown sandy wash	
9	13			Brown sand and fine wash	
13	59			Brown sandy wash	
59	62			Green sandy clay	
				Drill unable to penetrate further - hole not bottomed.	

Basement: Reported by Driller at feet.

Deduced from samples feet.

656020

018

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 140

LINE No.: 3

SURFACE R.L.: 91.2

BASEMENT R.L.: 11.2

DATE: 15/1/72 DRILLING CO.: Monopump RIG No.: Gemco DRILLER: D. Bannister SAMPLE WASHER: R. Ponting 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		trace	Black sand	
2	7		"	Brown sandy clay	
7	25		"	Grey brown sandy wash	
25	28		"	White sandy wash	
28	62		"	" " "	
62	80			Grey sandy clay and wash	
80	88			Decomposed granite	

Basement: Reported by Driller at 80 feet.

Deduced from samples 80 feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : A141

LINE No. : 3

SURFACE R.L. : 94.2

BASEMENT R.L. : 43.8

DATE : 15.1.72 DRILLING CO. : Mono pumps

RIG No. : Gemco

DRILLER : D. Bannister

SAMPLE WASHER : R. Ponting

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			Black sandy clay	
2	6			Brown sandy clay and fine wash	
6	12			Greyish brown sandy clay	
12	17			Greyish brown sandy wash	
17	46			Brown sandy wash	
46	64			Brown sandy wash	
64	88			White sandy wash	
88	120			Green sandy clay and wash	
120	123			Brown sandy clay and wash	
123	138			Green sandy clay and wash	
138	141			Decomposed granite.	

Basement : Reported by Driller at 138 feet.

Deduced from samples 138 feet.

020

656022

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : BANCA

HOLE No. : A142

LINE No. : 3

SURFACE R.L. : 101.3

BASEMENT R.L. :

DATE : Jan '72 DRILLING CO. : Mono Pumps

RIG No. : Gemco

DRILLER Bannister

SAMPLE WASHER : Ponting

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			Black sandy clay	
2	6			Brown sandy wash	
6	19			Greyish brown sand	
19	51			Brown sandy wash	
51	101			" " "	
101	108			Pale brown sandy wash	
108	153			White sandy clay and wash	
				Unable to drill further. Hole not bottomed.	

Basement : Reported by Driller at feet.

Deduced from samples feet.

021

656023

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: BANCA

HOLE No.: 143

LINE No.: 3

SURFACE R.L.: 108.1

BASEMENT R.L.: 34.9

DATE Jan. '72 DRILLING CO.: Monopump RIG No.: 3 DRILLER Bannister SAMPLE WASHER: Ponting 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			Black sand	
2	4			Brown clay	
4	26			Brown sandy clay and wash	
26	45			Brown sandy wash	
45	114			Brown sandy wash	
114	117			Brown sandy clay and wash	
117	124			White sandy clay and wash	
124	143			Pale brown sandy wash	
143	147			Decomposed granite	

Basement: Reported by Driller at 143 feet.

Deduced from samples 143 feet.

022

656024

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 145

LINE No. :

SURFACE R.L. : 113.3

BASEMENT R.L. : 31.7

DATE : Jan. 72

DRILLING CO. : Mono Pump

RIG No. : Gemco

DRILLER Bannister

SAMPLE WASHER : Ponting

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	2			Dark brown sand	
2	19			Light brown sandy wash	
19	50			Brown sandy wash	
50	79			" " "	
79	85			Brown sandy wash	
85	91			" " "	
91	103			" " "	
103	110			" " clay and wash	
110	116			" " wash	
116	126			" " "	
126	134			Brown sandy clay	
134	145			Brown sandy clay and wash	
145	147			Decomposed granite.	

Basement : Reported by Driller at 145 feet.

Deduced from samples feet.

023

656025

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: **Banca**

HOLE No.: **A147**

LINE No.:

SURFACE R.L.: **120.0**

BASEMENT R.L.: **-42.0**

DATE: **Feb '72** DRILLING CO.: **Monopump**

RIG No.: **Genco** DRILLER **Bannister**

SAMPLE WASHER: **R. Ponting**

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			Black sand	
2	5			Brown sand	
5	20			Brown sandy wash	
20	31			Pale brown sandy wash	
31	78			Brown sandy wash	
78	125			White sandy wash	
125	162			Brown sandy clay and wash	
162	165			Decomposed granite.	

Basement: Reported by Driller at **162** feet.

Deduced from samples feet.

024

656026

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOGAREA: **Banca**HOLE No.: **149**

LINE No.:

SURFACE R.L.: **92.5**BASEMENT R.L.: **42.5**DATE: **Dec, 71** DRILLING CO.: **Monopump**RIG No.: **Gemco**DRILLER **D. Bannister**SAMPLE WASHER: **R. Ponting**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	5			Black sand	
5	12			Brown sandy clay	
12	26			Pale brown sandy wash	
26	50			Grey sandy clay and wash	
50	57			Decomposed granite.	

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

Deduced from samples feet.

025

656027

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 150

LINE No.:

SURFACE R.L.: 89.6

BASEMENT R.L.: 20.6

DATE: Dec '71 DRILLING CO.: Monopumps

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE
WASHER: R. PontingOUR
SUPERVISOR: A. VaughanAUGER
BIT DIA.: 6"

Section Feet		Volume of Sample cu. ft.	Indication of TIN	Description of Strata	Remarks
From	To				
Surface	12			Brown clay	
12	25			Brown sandy wash	
25	42			Grey sandy clay and wash	
42	46			Brown sandy wash	
46	69			Grey sandy clay and wash	
69	81			Decomposed granite.	

Basement: Reported by Driller at 69 feet.

Deducted from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 151

LINE No. :

SURFACE R.L. : 95.1

BASEMENT R.L. : 61.1

DATE Jan '72

DRILLING CO. : Monopump

RIG No. : Gemco

DRILLER D. Bannister

SAMPLE WASHER : R. Ponting

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 sand	
1	5			Brown sand	
5	18			Greyish brown sandy wash	
18	30			Brown sandy wash	
30	43			Pale brown sandy wash	
43	96			Grey sandy clay and wash	
96	99			Decomposed granite.	

Basement : Reported by Driller at 96 feet.

Deduced from samples feet.

027

656029

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : **Banca**

HOLE No. : **152**

LINE No. :

SURFACE R.L. : **95.1**

BASEMENT R.L. : **-25.9**

DATE : **Jan, '72**

DRILLING CO. : **Monopump**

RIG No. : **Gemco**

DRILLER **D. Bannister**

SAMPLE WASHER : **R. Ponting**

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 sand	
1	5			Brown sand	
5	13			Greyish brown sand wash	
13	56			Brown sandy wash	
56	74			Brown sandy clay and wash	
74	83			Brown sandy wash	
83	106			White sandy clay and wash	
106	121			Green sandy clay and wash	
121	123			Decomposed granite.	

Basement : Reported by Driller at **121** feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 153

LINE No.:

SURFACE R.L.: 98.5

BASEMENT R.L.: -25.5

DATE: Jan '72 DRILLING CO.: Monopump

RIG No.: Gemco

DRILLER D. Bannister

SAMPLE WASHER: R. Ponting

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			Black sandy clay	
2	7			Brown clay	
7	13			Greyish brown sand	
13	30			Brown sandy wash	
30	46			Pale brown sandy wash	
46	79			Brown sandy wash	
79	98			Brown sandy clay and wash	
98	104			Brown sandy wash	
104	116			White sandy clay and wash	
116	124			Brown sandy wash	
124	130			Decomposed granite.	

Basement: Reported by Driller at 124 feet.

Deduced from samples feet.

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOGAREA: **Banca**HOLE No.: **154**

LINE No.:

SURFACE R.L.: **102.1**BASEMENT R.L.: **102.1**DATE: **Jan '72** DRILLING CO.: **Monopump**RIG No.: **Genco**DRILLER **Bannister**SAMPLE WASHER: **Ponting**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			Black sand	
2	6			Brown clay	
6	8			Brown sandy clay	
8	14			Grey sandy clay	
14	20			Brown sandy clay and wash	
20	26			White sandy wash	
26	34			Pale brown sandy wash	
34	36			Brown sandy clay	
36	49			Brown sandy wash	
49	55			Brown sandy clay and wash	
55	84			Brown sandy wash	
84	124			" " "	
124	130			Greenish brown sandy wash	
130	136			Decomposed granite.	

Basement: Reported by Driller at **130** feet.

Deduced from samples feet.

656032

030

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 155

LINE No.:

SURFACE R.L.: 105.0

BASEMENT R.L.: -15.0

DATE: Dec. 71 DRILLING CO.: Monopumps RIG No.: Gemco DRILLER: Bannister SAMPLE WASHER: Ponting 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	4			Brown sand	
4	13			Brown sandy clay	
13	24			Grey sandy clay	
24	31			Brown sandy wash	
31	44			White sandy wash	
44	52			Brown sandy wash	
52	61			Brown sandy wash	
61	79			" " "	
79	98			Pale brown sandy wash	
98	112			Brown clay and wash	
112	120			Brown sandy wash	
120	130			Decomposed granite.	

Basement: Reported by Driller at 120 feet.

Deduced from samples feet.

656033

031

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 156

LINE No.:

SURFACE R.L.: 109.9

BASEMENT R.L.: -17.1

DATE: Dec '71 DRILLING CO.: Mohopump

RIG No.: Gemco

DRILLER

D. Bannister

SAMPLE
WASHER:

R. Ponting

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	3			Brown sand	
3	9			Brown sand and fine wash	
9	19			Grey sandy wash	
19	72			Brown sandy wash	
72	90			Brown sandy wash	
90	111			Brown sandy wash	
111	120			" " "	
120	127			Grey sandy wash	
127	136			Decomposed granite.	

Basement: Reported by Driller at 127 feet.

Deduced from samples feet.

032

656034

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 157

LINE No. :

SURFACE R.L. : 112.8

BASEMENT R.L. : 33.8

DATE : Dec. '71 DRILLING CO. : Monopump RIG No. : Gemco DRILLER : D. Bannister SAMPLE WASHER : R. Ponting 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			Brown sand	
2	8			Brown sand and fine wash	
8	14			Grey sand and fine wash	
14	29			Brown sand and fine wash	
29	57			Brown sandy wash	
57	61			Brown sand	
61	66			Brown sandy clay	
66	76			Brown sandy wash	
76	79			Brown sandy clay and wash	
79	82			Decomposed granite	

Basement : Reported by Driller at 79 feet.

Deduced from samples feet.

033

656035

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 158

LINE No. :

SURFACE R.L. : 118.5

BASEMENT R.L. : 29.5

DATE : Dec. '71 DRILLING CO. : Monopump

RIG No. : Gemco

DRILLER : D. Bannister

SAMPLE WASHER : R. Ponting

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	5			Brown sand	
5	9			Brown sand and fine wash	
9	18			Brown sand and fine wash	
18	36			Pale brown sandy wash	
36	68			Brown sandy wash	
68	82			Brown sandy wash	
82	89			Grey sand	
89	94			Decomposed granite	

Basement : Reported by Driller at 89 feet.

Deduced from samples feet.

034

656036

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA : Banca

HOLE No. : 159

LINE No. :

SURFACE R.L. : 128.9

BASEMENT R.L. : 34.9

DATE : Dec, 71 DRILLING CO. : Monopumps RIG No. : Gemco DRILLER : D. Bannister SAMPLE WASHER : R. Ponting 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	6			Brown sand	
6	20			Brown sandy clay	
20	41			Brown sandy wash	
41	94			White sandy clay and wash	
94	100			Decomposed granite	

Basement : Reported by Driller at 94 feet.

Deduced from samples feet.

035

656037

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: **Banca** HOLE No.: **160** LINE No.: SURFACE R.L.: **143.1** BASEMENT R.L.: **40.7**

DATE: **Dec '71** DRILLING CO. **Monopumps** RIG No.: **Genco** DRILLER **D. Bannister** SAMPLE WASHER: **R. Ponting** 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			Grey sand	
1	3			Brown sand	
3	10			Brown sand and fine wash	
10	18			Brown sand and fine wash	
18	30			" " " " "	
30	58			Brown sandy wash	
58	68			Brown sandy clay and wash	
68	92			White sandy clay and wash	
92	103			Greenish brown sandy clay and wash	
103	112			Decomposed granite.	

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

Deduced from samples feet.

036

656038

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: **Banca** HOLE No.: **161** LINE No.: SURFACE R.L.: **149.8** BASEMENT R.L.:

DATE: **Dec.'71** DRILLING CO.: **Monopump** RIG No.: **Gemco** DRILLER: **Bannister** SAMPLE WASHER: **Ponting** 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			Grey sand	
1	2			Brown sand	
2	6			Brown sandy clay	
6	13			Brown sandy wash	
13	30			Brown sand and fine wash	
30	34			Red sand and fine wash	
34	46			Brown sandy wash	
46	48			Grey sandy clay	
48	55			Grey sandy wash	
55	70			Brown sandy clay and wash	
70	98			White clay and fine wash	
98	112			Red sandy clay and wash	
				True basement is not indicated.	

Basement: Reported by Driller at _____ feet.
 Deduced from samples _____ feet.

037

656039

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 162

LINE No.: 01.2

SURFACE R.L.: 81.2

BASEMENT R.L.: -1.2

DATE: Feb, '72 DRILLING CO.: Mono Pumps

RIG No.: Gemco

DRILLER: Bannister

SAMPLE WASHER: Ponting

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	7			Grey sand	
7	13			Grey sandy clay and wash	
13	27			Brown sandy wash	
27	37			Brown sandy wash	
37	66			White sandy wash	
66	82			Pale green sandy wash	
82	87			Decomposed granite	

Basement: Reported by Driller at 82 feet.

Deduced from samples feet.

656040

038

B.M.I. MINING PTY. LIMITED — TASMANIA

AUGER DRILL LOG

AREA: Banca

HOLE No.: 164

LINE No.:

SURFACE R.L.: 92.2

BASEMENT R.L.: -15.8

DATE: Feb '72 DRILLING CO.: Monopump RIG No.: Gemco DRILLER: Bannister SAMPLE WASHER: Ponting 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	3			Grey sand	
3	12			Brown sand	
12	68			Brown sandy wash	
68	86			White sandy wash	
86	96			Brown sandy clay and wash	
96	99			White sandy clay and wash	
99	108			Brown sandy clay and wash	
108	111			Decomposed granite.	

Basement: Reported by Driller at 108 feet.

Deduced from samples feet.

APPENDIX 2

PERCUSSION DRILL LOGS

040

656042

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: B.P.1

LINE No.:

SURFACE R.L.: 90.9

BASEMENT R.L.: 73.9

DATE: 8.1.73 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER T. King SAMPLE WASHER: T. King 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 gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	5	RP1	0.34	0.05	0.05	0.00	0.07			
5	10	RP2	0.63	0.16	0.16	0.01	0.22		0 - 8' Grey Silt.	
10	15	RP3	0.70	2.35	2.35	0.14	3.27		8 -17' Coarse Sand + 1/4" to 1/2" wash with traces of 1" wash.	
15	20	RP4	1.00	1.08	1.08	0.06	1.46			
20	25	RP5	0.50	Tr.	Tr.	Tr.	Tr.			

Driller's Reported Basement at 15 feet.

Overall value from surface to 15 feet. { 0.06 lb./cu. yd. (Sn).
1.47 oz./Cu. yd. (Cassiterite 70% Sn).

656043

041

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP2

LINE No.:

SURFACE R.L.: 90.5

BASEMENT R.L.: 75.5

DATE: 11.1.73 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER: T. KING SAMPLE WASHER: T. KING 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	5	BP7	0.63	Tr.	Tr.	Tr.	Tr.			
5	10	BP8	0.71	0.47	0.47	0.03	0.65		Grey Silt.	
10	15	BP9	0.82	0.32	0.32	0.02	0.45		Coarse sand and wash 1/2" to 1/2" with Traces of 1" wash.	
15	20	BP10	0.41	0.19	0.19	0.01	0.26			

Driller's Reported Basement at 15 feet.

Overall value from surface to 15 feet. { 0.02 lb./cu. yd. (Sn).
0.44 oz./Cu. yd. (Cassiterite 70 % Sn).

042

656044

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP3

LINE No.:

SURFACE R.L.: 90.8

BASEMENT R.L.: 72.8

DATE: 18/1/73 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. KING

SAMPLE WASHER: T. KING

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	5	BP13	0.30	0.01	0.01	0.00	0.01			
5	10	BP14	0.55	Tr.	Tr.	Tr.	Tr.		0 - 13 Grey silt	
10	15	BP15	0.50	0.37	0.37	0.02	0.51		13 - 18 Coarse sand and 1" wash with traces of 1 1/2" wash.	
15	20	BP16	0.62	0.55	0.55	0.03	0.77		Decomposed granite.	

Driller's Reported Basement at 18 feet.

Overall value from surface to 18 feet. { 0.02 lb./cu. yd. (Sn).
0.44 oz./Cu. yd. (Cassiterite 70% Sn).

043

656045

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: B.P.4

LINE No.:

SURFACE R.L.: 916

BASEMENT R.L.: 706

DATE: 30/1/73 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. KING

SAMPLE WASHER: T. KING

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	5	BP19	0.60	Tr.	Tr.	Tr.	Tr.			
5	10	BP20	0.62	Tr.	Tr.	Tr.	Tr.			
10	15	BP21	0.57	0.12	0.12	0.01	0.16		0 - 14' Grey silt and coarse sand	
15	20	BP22	1.37	0.95	0.95	0.04	0.95		14 - 21' 1/4" to 1" Wash with Bands of Coarse and fine Sand.	
20	25	BP23	0.82	0.86	0.86	0.05	1.19		21' Decomposed granite.	
25	30	BP24	0.71	0.07	0.07	0.00	0.09			

Driller's Reported Basement at 21 feet.

Overall value from surface to 21 feet { 0.25 lb./cu. yd. (Sn).
5.71 oz./Cu. yd. (Cassiterite 70% Sn).

044

656046

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP5

LINE No.:

SURFACE R.L.: 923

BASEMENT R.L.: 753

DATE: 31/1/73

DRILLING CO.: BMI

RIG No.: 2

DRILLER T. King

SAMPLE WASHER: T. King

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	5	BP25	0.47	0.06	0.06	0.00	0.08		0-13 Grey silt and fine sand	
5	10	BP26	0.76	0.07	0.07	0.00	0.09			
10	15	BP27	0.57	1.96	1.96	0.12	2.73		13-17 1/4" to 1" wash and coarse sand	
15	20	BP28	0.89	7.30	7.30	0.45	10.18		17 Decomposed granite	
20	25	BP29	0.68	0.71	0.71	0.04	0.98			

Driller's Reported Basement at

17

feet.

Overall value from surface to

17

feet.

0.18

4.11

lb./cu. yd. (Sn).

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

656047

045

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: B.P.6

LINE No.:

SURFACE R.L.: 916

BASEMENT R.L.: 74.6

DATE: 7/2/73 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER T. KING SAMPLE WASHER: T. KING 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			No.	Recovered gms.	Corrected gms.	Sn. lb./cu. yd.			
Surface	5	BP31	0.41	Tr	Tr	Tr	Tr		0.6' Grey Silt	
5	10	BP32	0.71	Tr	Tr	Tr	Tr		6.14 Yellow Clay	
10	15	BP33	0.62	0.21	0.21	0.01	0.29		14-17' Coarse sand with wash 1/4" to 1"	
15	20	BP34	0.58	0.89	0.89	0.05	1.24			

Driller's Reported Basement at 17 feet.

Overall value from surface to 17 feet. { 0.02 lb./cu. yd. (Sn).
0.46 oz./Cu. yd. (Cassiterite 70% Sn).

046

656048

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA : BANCA

HOLE No. : BP7

LINE No. :

SURFACE R.L. : 92.2

BASEMENT R.L. : 77.2

DATE : 8/2/73 DRILLING CO. : B.M.I. RIG No. : 2 DRILLER : T. King SAMPLE WASHER : T. King 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	5	BP37	0.52	Tr	Tr	Tr	Tr		0-13' Grey Silt and Fine Sand	
5	10	BP38	0.58	Tr	Tr	Tr	Tr			
10	15	BP39	0.82	0.35	0.35	0.02	0.49		13-15 Coarse sand 1/4" to 1 1/2" Wash	
15	20	BP40	0.63	0.42	0.42	0.42	0.03		15' Decomposed granite.	

Driller's Reported Basement at 15 feet.

Overall value from surface to 15 feet. { 0.02 lb./cu. yd. (Sn).
0.57 oz./Cu. yd. (Cassiterite 70% Sn).

047

656049

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: B.P.8

LINE No.:

SURFACE R.L.: 91.3

BASEMENT R.L.: 72.3

DATE: 12/2/73

DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. KING

SAMPLE WASHER: T. KING

OUR SUPERVISOR: A. WATSON

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	BP43	0.58	Tr	Tr	Tr	Tr		0 - 3' Black top soil	
5	10	BP44	0.56	Tr	Tr	Tr	Tr			
10	15	BP45	0.62	0.33	0.33	0.02	0.46		3 - 14' Brown clay and fine sand	
15	20	BP46	0.88	3.84	3.84	0.23	5.35		14 - 19' Coarse sand and 1/4" to 1" wash	
20	25	BP47	0.42	0.53	0.53	0.03	0.74		19' decomposed granite	
25	30	BP48	0.33	0.10	0.10	0.07	0.14			

Driller's Reported Basement at 19 feet.

Overall value from surface to 19 feet. { 0.07 lb./cu. yd. (Sn).
1.60 oz./Cu. yd. (Cassiterite 70% Sn).

048

656050

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA HOLE No.: BP9 LINE No.: SURFACE R.L.: 913 BASEMENT R.L.: 52.3

DATE: 13/2/73 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER T. KING SAMPLE WASHER: T. KING 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	5	BP49	0.67	Tr	Tr	Tr	Tr		0.3 Black top solid	
5	10	BP50	0.78	Tr	Tr	Tr	Tr			
10	15	BP51	0.46	0.56	0.56	0.03	0.78		3.13 Light brown clay and silt	
15	20	BP52	0.92	1.71	1.71	0.10	2.38		13-17 1/4" to 1 1/2" wash and coarse sand.	
20	25	BP53	0.91	0.19	0.19	0.01	0.26			
25	30	BP54	0.96	0.20	0.20	0.01	0.27			
30	35	BP55	0.98	0.18	0.18	0.01	0.25		17 - 39 Coarse sand	
35	40	BP56	1.00	0.09	0.09	0.01	0.12		39' Decomposed Granite	
40	45	BP57	0.52	0.10	0.10	0.01	0.14			

Driller's Reported Basement at 39 feet.
 Overall value from surface to 39 feet. { 0.02 lb./cu. yd. (Sn).
 { 0.56 oz./Cu. yd. (Cassiterite 70% Sn).

049

656051

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: **BANCA**

HOLE No.: **BP10**

LINE No.:

SURFACE R.L.: **913**

BASEMENT R.L.: **52.3**

DATE: **26/2/73** DRILLING CO.: **B.M.I.**

RIG No.: **2**

DRILLER **T. KING**

SAMPLE WASHER: **T. KING**

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	5	BP59	1.09	Tr	Tr	Tr	Tr		0 - 2 Top Soil	
5	10	BP60	1.07	Tr	Tr	Tr	Tr		2 - 13 Grey Silt	
10	15	BP61	0.62	Tr	Tr	Tr	Tr		13 - 15 1/4" to 1/2" Wash	
15	20	BP62	0.77	0.11	0.11	0.01	0.15			
20	25	BP63	0.75	Tr	Tr	Tr	Tr			
25	30	BP64	0.98	0.09	0.09	0.01	0.13			
30	35	BP65	1.01	0.19	0.19	0.01	0.26			
35	40	BP66	0.72	0.90	0.90	0.05	1.25		15 - 39 Coarse sand and white clay	
40	45	BP67	0.81	Tr	Tr	Tr	Tr		39' Decomposed Granite	

Driller's Reported Basement at **39** feet.

Overall value from surface to **39** feet. { **0.01** lb./cu. yd. (Sn).
0.23 oz./Cu. yd. (Cassiterite 70% Sn).

656052

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: **BANCA** HOLE No.: **BP.11** LINE No.: SURFACE R.L.: **91.7** BASEMENT R.L.: **80.7**

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			Recovered gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	0	BP69	1.01	Tr	Tr	Tr	Tr		0-2 Top Soil and fine Sand 2-7 Black silt and fine sand 7-11 Black silt 11-15 Decomposed slate.	
	5	BP70	1.09	Tr	Tr	Tr	Tr			
	10	BP71	1.05	Tr	Tr	Tr	Tr			

Driller's Reported Basement at **11** feet.

Overall value from surface to **15** feet. { **Tr** lb./cu. yd. (Sn).
Tr oz./Cu. yd. (Cassiterite 70% Sn).

051

656053

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP15

LINE No.:

SURFACE R.L.: 89.7

BASEMENT R.L.: 69.7

DATE: 8.3.73 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER G. Blackwell SAMPLE WASHER: G. Blackwell 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 gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70 % oz./cu. yd.			
Surface	0	BP72	0.85	Tr	Tr	Tr	Tr		0 - 2 Black Top Soil	
	5	BP73	1.08	0.08	0.08	0.00	0.11		2 - 8 Grey Silt and coarse sand	
	10	BP74	0.85	0.62	0.62	0.04	0.86		8 - 10' Grey Pug and fine sand	
	15	BP75	0.54	0.19	0.19	0.01	0.26		10 - 20' 4" to 1 1/2 wash and coarse sand	
	20	BP76	0.81	Tr	Tr	Tr	Tr		Decomposed Granite	
	25	BP77	0.75	Tr	Tr	Tr	Tr			

Driller's Reported Basement at 20 feet.

Overall value from surface to 20 feet. { 0.01 lb./cu. yd. (Sn).
0.23 oz./Cu. yd. (Cassiterite 70% Sn).

052

656054

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA : BANCA

HOLE No. : BP16

LINE No. :

SURFACE R.L. : 89.7

BASEMENT R.L. : 71.7

DATE : 9.3.73 DRILLING CO. : B.M.I. RIG No. : 2 DRILLER G. Blackwell SAMPLE WASHER : G. Blackwell 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	0	BP79	0.85	0.06	0.06	0.00	0.08		0 - 6' Grey Silt	
	5	BP80	0.81	0.30	0.30	0.02	0.42			
	10	BP81	0.48	0.27	0.27	0.02	0.38			
	15	BP82	0.54	0.29	0.29	0.02	0.40		6 - 18' 1/2" to 2" Wash and coarse sand	
	20	BP83	0.40	0.08	0.08	0.00	0.11		18' Decomposed Granite	
	25	BP84	0.95	Tr	Tr	Tr	Tr			

Driller's Reported Basement at 18 feet.

Overall value from surface to 20 feet. { 0.02 lb./cu. yd. (Sn).
0.35 oz./Cu. yd. (Cassiterite 70% Sn).

053

656055

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP 17

LINE No.:

SURFACE R.L.: 881

BASEMENT R.L.: 73.1

DATE: 27/3/73 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER G. BLACKWELL SAMPLE WASHER: T. KING OUR SUPERVISOR: A. WATSON CASING SHOE DIA. 5-3/8

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	0	BP85	0.89	0.09	0.09	0.01	0.13			
	5	BP86	0.82	0.39	0.39	0.02	0.54		0'-8' Grey silt and fine sand	
	10	BP87	0.65	1.65	1.65	0.10	2.30		8 - 15' Coarse sand with 1/2" to 1 1/2" Wash	
	15	BP88	0.57	0.72	0.72	0.04	1.00		15' Decomposed Granite.	
	20	BP89	0.55	1.63	1.63	0.10	2.27			
	25	BP90	0.73	0.72	0.72	0.04	1.00			

Driller's Reported Basement at 15 feet.

Overall value from surface to 20 feet. { lb./cu. yd. (Sn.) 0.08 oz./Cu. yd. (Cassiterite 70% Sn.) 1.80

054

656056

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP18

LINE No.:

SURFACE R.L.: 88.8

BASEMENT R.L.: 71.8

DATE: 28/3/73 DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. KING

SAMPLE WASHER: T. KING

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	5	BP91	0.78	0.04	0.04	0.00	0.06		(0 - 12' = Grey silt and fine sand) 12 - 17' = 1/4' to 1' wash and coarse sand 17' Decomposed Granite	
5	10	BP92	0.81	0.06	0.06	0.00	0.08			
10	15	BP93	0.72	0.91	0.91	0.06	1.27			
15	20	BP94	0.75	0.88	0.88	0.05	1.23			
20	25	BP95	0.58	0.09	0.09	0.01	0.13			
25	30	BP96	0.73	Tr	Tr	Tr	Tr			

Driller's Reported Basement at 17 feet.

Overall value from surface to 17 feet. { 0.03 lb./cu. yd. (Sn).
0.79 oz./Cu. yd. (Cassiterite 70 % Sn).

656057

055

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP19

LINE No.:

SURFACE R.L.: 89.7

BASEMENT R.L.: 72.7

DATE: 2.4.73 DRILLING CO.: B.M.I. RIG No.: 2 DRILLER T. King SAMPLE WASHER: T. King 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 gms.	Corrected gms.	Sn. lb./cu. yd.	Cassiterite 70% oz./cu. yd.			
Surface	5	BP97	0.62	0.05	0.05	0.00	0.07			
5	10	BP98	0.53	0.05	0.05	0.00	0.07		Grey silt and fine sand	
10	15	BP99	0.53	1.39	1.39	0.08	1.94		(10 - 18 = 1/4" to 1 1/2" wash and coarse sand	
15	20	BP100	0.65	1.36	1.36	0.08	1.89		(18' Decomposed granite	
20	25	BP101	0.56	0.06	0.06	0.00	0.08			
25	30	BP102	0.64	0.06	0.06	0.00	0.08			

Driller's Reported Basement at 18 feet.

Overall value from surface to 18 feet. { 0.05 lb./cu. yd. (Sn).
1.14 oz./Cu. yd. (Cassiterite 70% Sn).

056

656058

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA : BANCA

HOLE No. : BP20

LINE No. :

SURFACE R.L. : 98.0

BASEMENT R.L. : 81.00

DATE : 6.4.73

DRILLING CO. : B.M.I.

RIG No. : 2

DRILLER T. King

SAMPLE WASHER : T. King

OUR SUPERVISOR : A. Watson

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	BP103	0.58	0.06	0.06	0.00	0.08			
5	10	BP104	0.91	0.37	0.37	0.02	0.52		Grey silt and fine sand (10 - 17' = coarse sand and wash 1/2" to 1" in dia.	
10	15	BP105	0.83	1.39	1.39	0.08	1.94			
15	20	BP106	0.75	2.27	2.27	0.14	3.16			
20	25	BP107	0.61	Tr	Tr	Tr	Tr			
25	30	BP108	0.64	0.08	0.08	0.00	0.11			

Driller's Reported Basement at 17 feet.

Overall value from surface to 17 feet { 0.07 lb./cu. yd. (Sn).
1.68 oz./Cu. yd. (Cassiterite 70 % Sn).

057

656059

B.M.I. MINING PTY. LIMITED — TASMANIA

PERCUSSION DRILL LOG

AREA: BANCA

HOLE No.: BP21

LINE No.:

SURFACE R.L.: 900

BASEMENT R.L.: 700

DATE: 9.4.73

DRILLING CO.: B.M.I.

RIG No.: 2

DRILLER T. KING

SAMPLE WASHER: T. KING

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	5	BP109	0.71	0.04	0.04	0.00	0.06			
5	10	BP110	0.79	0.04	0.04	0.00	0.06			
10	15	BP111	0.74	Tr	Tr	Tr	Tr	(0-16 = Grey silt and fine sand		
15	20	BP112	0.62	0.39	0.39	0.02	0.54	(16-20 = coarse sand and wash to 3/4"		
20	25	BP113	0.55	0.17	0.17	0.01	0.24			
25	30	BP114	0.58	0.08	0.08	0.00	0.11			

Driller's Reported Basement at 20 feet.

Overall value from surface to 20 feet. { 0.01 lb./cu. yd. (Sn).
0.23 oz./Cu. yd. (Cassiterite 70% Sn).

058
73-978

656060

5460000mN

D O R S E T



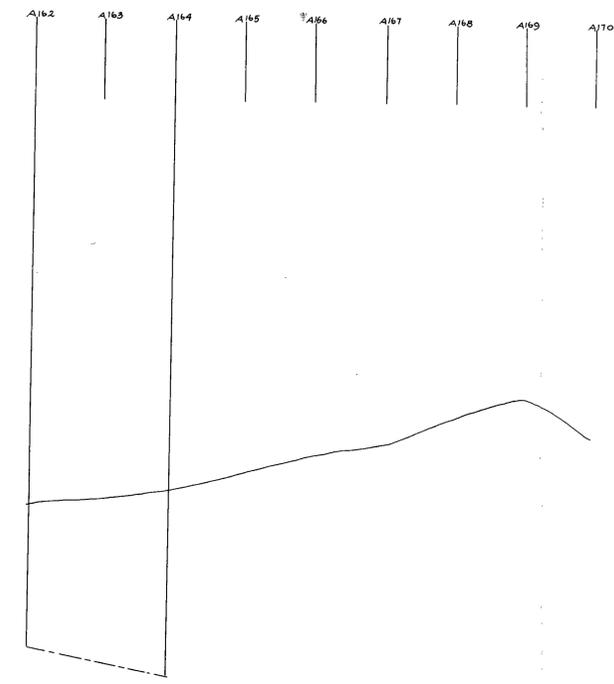
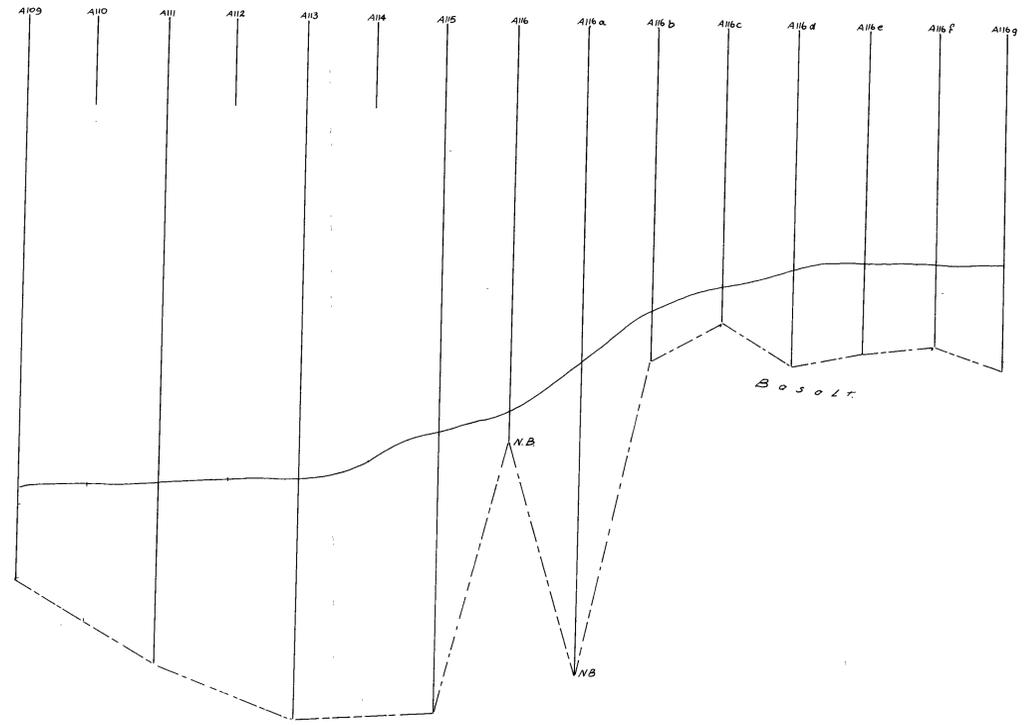
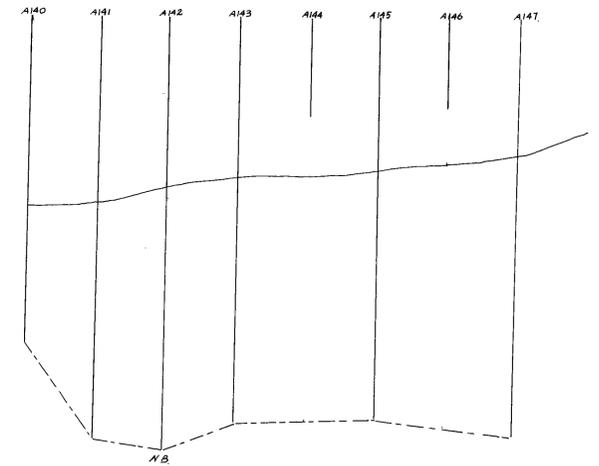
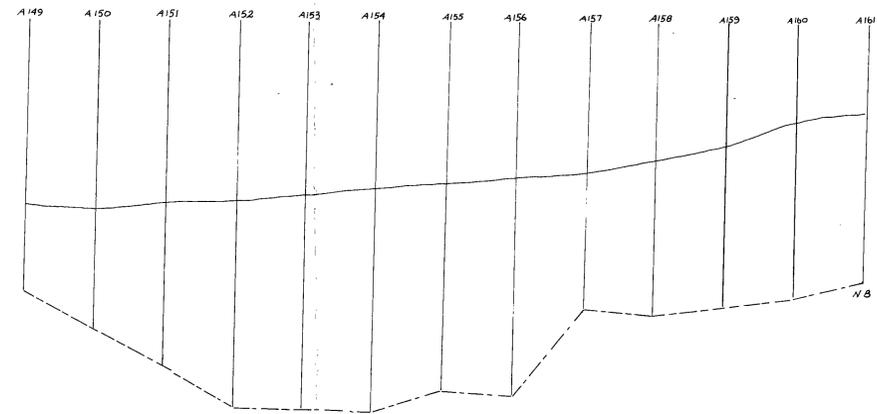
AMG REFERENCE POINTS ADDED

APPENDIX 3

SCALE 40 ch To Inch

5 cm

Q32/49



73-978

B.M.I. MINING PTY. LTD.
EAST BANCA
AUGER HOLES - CROSS SECTIONS

SCALES HOR 1" = 200'
 VERT 1" = 40'

656061 2078

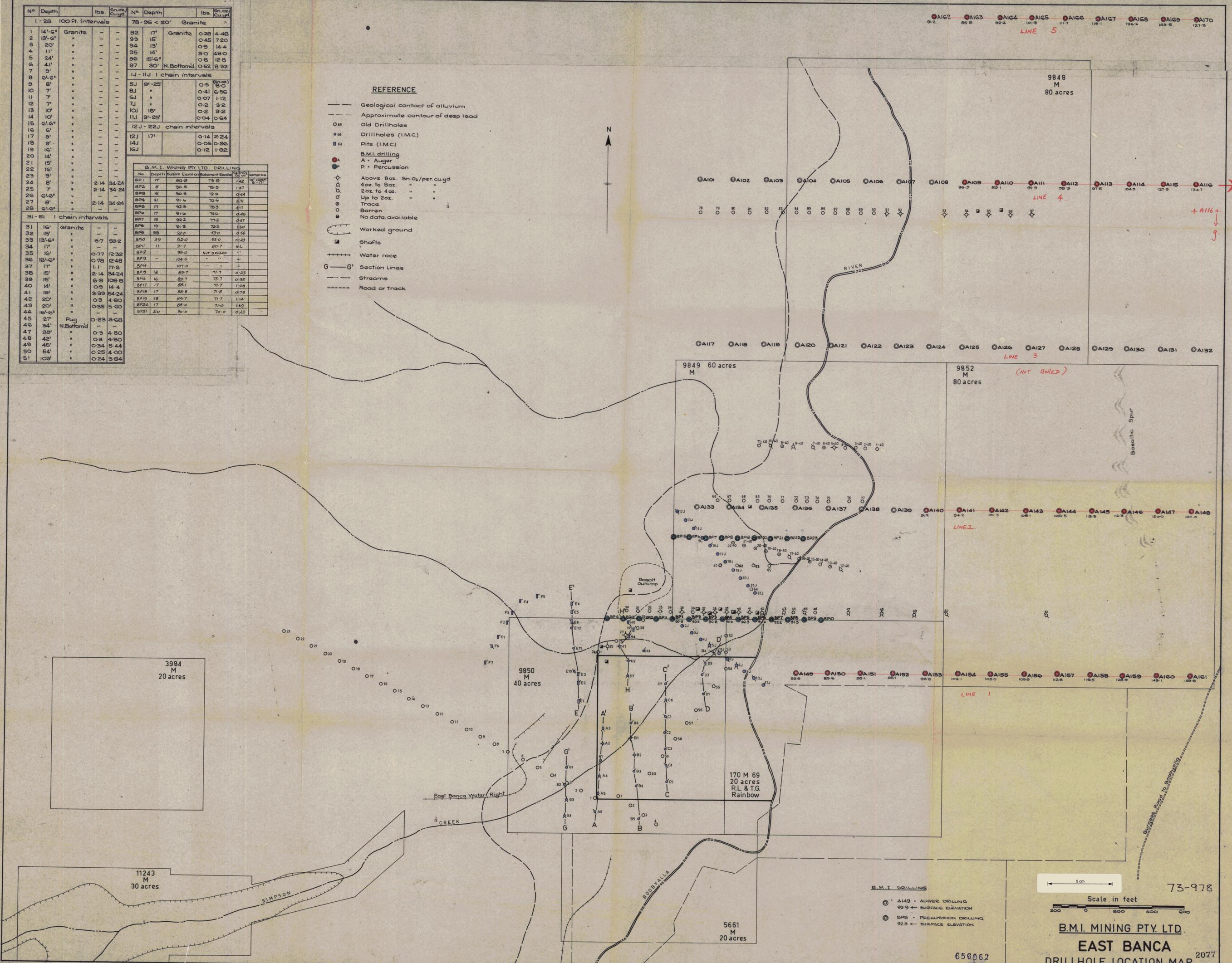
Appendix 4

No.	Depth	lbs. Sn. oz./cu. yd.	No.	Depth	lbs. Sn. oz./cu. yd.
1-28 100 Ft. intervals					
1	14'-0"	Granite	92	17'	Granite
2	13'-0"	"	93	15'	"
3	20'	"	94	13'	"
4	11'	"	95	14'	"
5	24'	"	96	15'-6"	"
6	41'	"	97	30'	N. Belford
7	9'	"	11-11J 1 chain intervals		
8	6'-6"	"	5J	9'-25'	0.5
9	8'	"	8J	"	0.41
10	7'	"	6J	"	0.07
11	7'	"	7J	"	0.2
12	7'	"	10J	18'	0.2
13	10'	"	11J	9'-25'	0.04
14	10'	"	12J-22J chain intervals		
15	6'-6"	"	12J	17'	0.14
16	6'	"	14J	"	0.06
17	9'	"	16J	"	0.36
18	9'	"	17J	"	0.12
19	16'	"			
20	14'	"			
21	15'	"			
22	15'	"			
23	9'	"			
24	8'	"			
25	7'	"			
26	6'-6"	"			
27	8'	"			
28	6'-6"	"			

B.M.I. MINING PTY. LTD. DRILLING						
No.	Depth	Surface Elevation	Basement Elevation	Remarks	Remarks	Remarks
BP1	17'	30.9	73.9	1.47	3.11	
BP2	5'	30.5	75.5	1.47	3.11	
BP3	6'	30.8	72.8	0.44		
BP4	21'	31.6	70.6	5.71		
BP5	17'	32.5	75.3	4.11		
BP6	17'	31.6	74.6	0.46		
BP7	15'	32.2	77.2	0.57		
BP8	19'	31.3	72.3	1.60		
BP9	29'	32.0	53.0	0.56		
BP10	39'	32.0	53.0	0.23		
BP11	11'	31.7	80.7	0.1		
BP12	-	39.0	Not Drilled	-		
BP13	-	104.0	-	-		
BP14	-	107.0	-	-		
BP15	18'	39.7	71.7	0.23		
BP16	16'	39.7	73.7	0.35		
BP17	17'	38.1	71.7	1.08		
BP18	17'	38.8	71.8	0.79		
BP19	18'	39.7	71.7	1.14		
BP20	17'	38.0	71.0	1.69		
BP21	20'	39.0	70.0	0.23		

31-51 1 chain intervals		
31	16'	Granite
32	15'	"
33	13'-6"	"
34	17'	"
35	16'	"
36	19'-6"	"
37	17'	"
38	15'	"
39	15'	"
40	14'	"
41	19'	"
42	20'	"
43	20'	"
44	16'-6"	"
45	27'	Fug
46	34'	N. Belford
47	39'	"
48	42'	"
49	45'	"
50	54'	"
51	103'	"

- REFERENCE**
- Geological contact of alluvium
 - Approximate contour of deep lead
 - Old Drillholes
 - Drillholes (I.M.C.)
 - Pits (I.M.C.)
 - B.M.I. drilling
 - A - Auger
 - P - Percussion
 - Above 8oz. Sn. O₂/per. cu. yd.
 - 4oz. to 8oz. " " "
 - 2oz. to 4oz. " " "
 - Up to 2oz. " " "
 - Trace
 - Barren
 - No data available
 - Worked ground
 - Shafts
 - Water race
 - Section Lines
 - Streams
 - Road or track



A162 81.2 A163 86.5 A164 92.2 A165 101.9 A166 111.7 A167 119.1 A168 126.4 A169 148.8 A170 127.5
LINE 5

A101 A102 A103 A104 A105 A106 A107 A108 A109 86.5 A110 89.1 A111 91.3 A112 97.3 A113 97.5 A114 104.9 A115 127.9 A116 134.7
LINE 4

A117 A118 A119 A120 A121 A122 A123 A124 A125 A126 A127 A128 A129 A130 A131 A132
LINE 3

A133 A134 A135 A136 A137 A138 A139 A140 A141 94.2 A142 101.3 A143 106.1 A144 106.5 A145 113.3 A146 116.2 A147 120.0 A148 127.0
LINE 2

A149 92.9 A150 89.6 A151 95.1 A152 98.6 A153 102.1 A154 105.0 A155 106.9 A156 112.6 A157 118.5 A158 128.6 A159 143.1 A160 149.6
LINE 1

B.M.I. DRILLING
 A149 - AUGER DRILLING
 92.9 ← SURFACE ELEVATION
 BPS - PERCUSSION DRILLING
 92.3 ← SURFACE ELEVATION

5 cm
 Scale in feet
 200 0 200 400 600

B.M.I. MINING PTY. LTD.
EAST BANCA
 DRILLHOLE LOCATION MAP 2077
 MARCH 1973
 Appendix 5
 Q32/49

656062

73-978

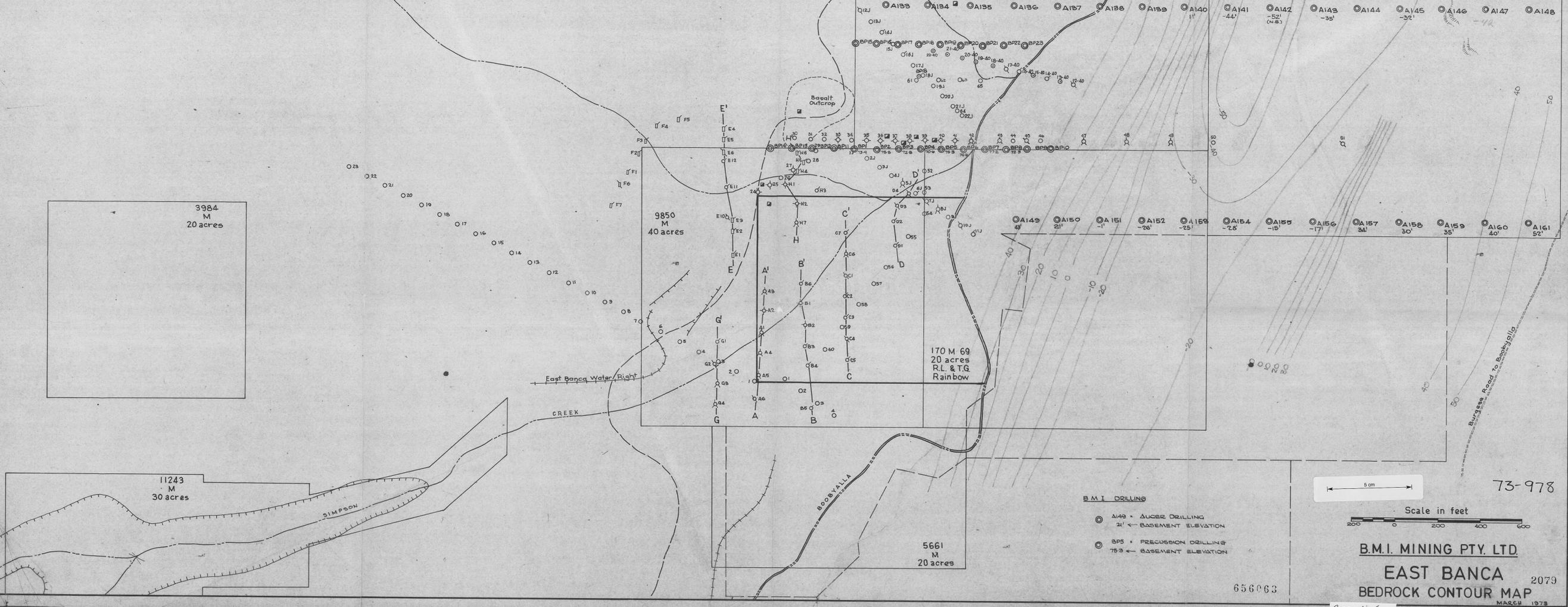
N ^o	Depth	lbs.	Sp. oz./Cu. yd.	N ^o	Depth	lbs.	Sp. oz./Cu. yd.
1-25 100ft. intervals							
1	14'-6"	Granite	-	92	17'	Granite	0.28 4.48
2	13'-6"	"	-	93	15'	"	0.45 7.20
3	20'	"	-	94	13'	"	0.9 14.4
4	11'	"	-	95	14'	"	3.0 48.0
5	24'	"	-	96	15'-6"	"	0.8 12.8
6	41'	"	-	97	30'	N. Bottom'd.	0.52 8.32
76-96 <20' Granite							
11-11J 1 chain intervals							
7	9'	"	-	8J	9'-25'	"	0.5 8.0
8	6'-6"	"	-	8J	"	"	0.41 6.56
9	8'	"	-	8J	"	"	0.07 1.12
10	7'	"	-	7J	"	"	0.2 3.2
11	7'	"	-	10J	18'	"	0.2 3.2
12	7'	"	-	11J	9'-25'	"	0.04 0.64
13	10'	"	-				
14	10'	"	-				
15	6'-6"	"	-				
16	9'	"	-				
17	9'	"	-				
18	14'	"	-	12J	17'	"	0.14 2.24
19	16'	"	-	14J	"	"	0.06 0.96
20	14'	"	-	16J	"	"	0.12 1.92
21	15'	"	-				
22	16'	"	-				
23	9'	"	-				
24	8'	"	-				
25	7'	"	-				
26	6'-6"	"	-				
27	8'	"	-				
28	6'-6"	"	-				

B.M.I. MINING PTY. LTD. DRILLING							
No.	Depth	Surface Elevation	Basement Elevation	Sp. oz./Cu. yd.	Remarks		
BP1	17'	90.3	75.3				
BP2	15'	90.5	75.5				
BP3	18'	90.8	72.8				
BP4	21'	91.6	70.6				
BP5	17'	92.3	75.3				
BP6	17'	91.6	74.6				
BP7	15'	92.2	77.2				
BP8	19'	91.3	72.3				
BP9	21'	91.3	72.3				

31-51 1 chain intervals							
31	10'	Granite	-				
32	15'	"	-				
33	13'-6"	"	3.7	59.2			
34	17'	"	-				
35	16'	"	0.77	12.32			
36	18'-6"	"	0.76	12.48			
37	17'	"	1.1	17.6			
38	15'	"	2.14	34.24			
39	15'	"	6.8	108.8			
40	14'	"	0.9	14.4			
41	19'	"	3.39	54.24			
42	20'	"	0.3	4.80			
43	20'	"	0.35	5.60			
44	16'-6"	"	-				
45	27'	Pug	0.23	3.68			
46	34'	N. Bottom'd.	-				
47	38'	"	0.3	4.80			
48	42'	"	0.3	4.80			
49	45'	"	0.34	5.44			
50	54'	"	0.25	4.00			
51	103'	"	0.24	3.84			

- REFERENCE**
- Geological contact of alluvium
 - - - Approximate contour of deep lead
 - Drillholes
 - 04 Drillholes (I.M.C.)
 - Pits (I.M.C.)
 - B.M.I. drilling
 - A Auger
 - P Percussion
 - Worked ground
 - Shafts
 - ++++ Water race
 - Section Lines
 - Streams
 - Road or track

- ◇ Above 8oz. sp. oz./percu. yd.
- 4 oz. to 8oz. " "
- 2 oz. to 4 oz. " "
- Up to 2oz. " "
- Trace
- Barren
- No data available



B.M.I. DRILLING

- A149 - AUGER DRILLING
- 21' ← BASEMENT ELEVATION
- BP5 - PERCUSSION DRILLING
- 75.9 ← BASEMENT ELEVATION

73-978

Scale in feet

0 200 400 600

B.M.I. MINING PTY. LTD.

EAST BANCA 2079

BEDROCK CONTOUR MAP

MAR 24 1973

656063

Appendix 6.

0324A