

**BEACONSFIELD MINE JOINT VENTURE**

**EL7/88 DRILLING PROGRAMME**

**JULY 1995**

**MICROFILMED**  
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**for**

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**on behalf of**

**BEACONSFIELD MINE JOINT VENTURE**

**95-3793**

**BEACONSFIELD MINE JOINT VENTURE  
EL 7/88 DRILLING PROGRAM 1995  
MCKEOWN MV**

## SUMMARY

During April and May 1995, a reverse circulation drilling programme was undertaken in part of the northern half of Exploration Licence 7/88.

The principal aims of the drilling programme were to locate the possible extension of the Beaconsfield mine sequence beneath Tertiary gravels and to detect Au - As - carbonate alteration haloes which are known to be associated with reefs in the Beaconsfield area.

The drilling programme was completed in May 1995; 25 holes were drilled for a total drilled depth of 1409m.

159 samples of potential host rock were obtained from 19 holes and submitted for gold and arsenic analyses.

Gold and arsenic were detected in anomalous amounts in the potential host rocks, confirming the possibility that Beaconsfield style reef structures could occur buried beneath Tertiary cover in the area drilled.

A significant gold anomaly was detected in drill hole BRC15:

BRC15	26m	to	50m	0.044 ppm Au	12.0 ppm As
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*including*

BRC15	42m	to	44m	0.163 ppm Au	9.1 ppm As
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In addition, a zone of grey to black siltstone with quartz and pyrite was intersected in BRC25 between 76m and 83m. Analyses of the intersection did not result in anomalous gold or arsenic values.

The anomaly detected in BRC15 should be tested by replicating BRC15 with a diamond drill hole. This hole should be drilled in tandem with the drill holes which have been proposed to test the North Tasmania Reef which represents the most prospective gold target in the area apart from the Tasmania Reef itself.

In addition, petrological examination, and some further analyses, of the mineralised rocks from both BRC15 and BRC25 are recommended.

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## 1 INTRODUCTION

Exploration Licence 7/88 surrounds the Beaconsfield Gold Mine Lease, number 1435P/M, and extends for about 4km to the north of the mine.

Newnham (1995a) has given an outline of the geology of EL 7/88 and the style of gold reef occurrences in the Beaconsfield area. Gold and sulphide bearing quartz reefs striking east - west are thought to occupy large tension gashes in north - south striking Ordovician limestones, calcareous siltstones and fine conglomerates, known as the Transition Beds. Two major reefs are known, the Tasmania Reef and the North Tasmania Reef, and the deposit at Salisbury Hill may also be a reef. Newnham(1995a) suggested that similar reefs may exist hidden beneath the Tertiary gravels which cover the northern part of EL7/88 and proposed a drilling programme to detect these hidden reefs.

Consequently, a reverse circulation drilling programme was designed for part of the northern half of the Exploration Licence. Newnham (1995b) specified the objectives of the programme:

- "1. Locate the possible extension of the mine sequence beneath the Tertiary gravels.
2. Determine the depth profile of the gravels.
3. Complete some reconnaissance geochemistry on the bedrock chips looking for Au - As - carbonate alteration haloes associated with reefs in the area.
4. Complete a pizo hole for water monitoring purposes associated with the Beaconsfield Mine."

This drilling programme was completed in May 1995 by drilling a series of holes drilled along existing roads which crossed the buried Transition Beds and adjoining rocks from east to west. The holes were drilled using reverse circulation (RC) methods to minimise sample contamination. The bottoms of two of the holes were diamond drilled. The rig used for the programme was a UDR 650 supplied by Diamond Drilling Tasmania which is capable of RC drilling, using down hole hammer and auger, and diamond drilling.

This report describes the results of the drilling programme and makes recommendations for pursuing the gold anomaly which has been identified as a result of this drilling programme.

## 2 THE DRILLING PROGRAMME

The drilling programme commenced on the 21st of April and was completed on the 25th of May. 25 holes were drilled with a total length of 1409m: see Table 1. Holes BRC1 to BRC24 were drilled working from west to east along existing tracks. BRC25 was drilled

TABLE 1

**BEACONSFIELD MINE JOINT VENTURE  
EL 7/88 DRILLING PROGRAMME**

**DEPTHS OF DRILL HOLES**

<b>HOLE NO</b>	<b>NORTHING</b>	<b>EASTING</b>	<b>DEPTH m</b>
BRC1	5 440 355	481 789	31
BRC2	5 440 451	481 796	30
BRC3	5 440 504	481 853	30
BRC4	5 440 567	481 936	30
BRC5	5 440 597	482 016	36
BRC6	5 440 631	482 112	36
BRC7	5 440 712	482 166	36
BRC8	5 440 777	482 204	30
BRC9	5 440 795	482 248	42
BRC10	5 440 745	482 351	50
BRC11	5 440 798	482 387	48
BRC12	5 440 821	482 481	60
BRC13	5 440 848	482 595	45
BRC14	5 440 850	482 591	78
BRC15	5 440 801	482 690	49
BRC16	5 440 837	482 773	43
BRC17	5 440 880	482 856	42
BRC18	5 440 962	482 902	56
BRC19	5 441 043	482 984	49
BRC20	5 441 113	483 017	64
BRC21	5 441 204	483 098	66
BRC22	5 441 299	483 128	73
BRC23	5 441 395	483 157	74
BRC24 <sup>1</sup>	5 441 503	483 197	123
BRC25 <sup>2</sup>	5 440 776	482 341	180
			-----
			1409

## Notes:

1. BRC24 was core drilled from 78m to 123m.
2. BRC25 was core drilled from 85m to 180m.

close to BRC10 and was extended by diamond drilling relatively deep into the Transition Beds. See Figure 1 for the locations of the holes. BRC25, which will be used for the monitoring of water level, was cased with slotted PVC pipe, capped with a steel trap and padlocked.

Each hole was drilled with the aim of penetrating the Tertiary sediments overlying the Transition Beds. This was not practicable for all holes; in some holes the Tertiary sediments were much thicker than expected from the mapped outcrop pattern, presumably where the sediments had filled valleys eroded in the Transition Beds when they were exposed. In other holes, towards the eastern end of the drilling traverse, sub-horizontal beds of Permian sedimentary rocks occur beneath the Tertiary sediments and above the Transition Beds. These Permian sedimentary rocks increased in thickness towards the east of the traverse, being first detected in BRC23; in BRC24, the most easterly hole drilled, the Permian sedimentary rocks were drilled to a depth of 123m below the surface, at which depth the hole was stopped. Because of the thickness of Permian cover met in BRC24, no holes were drilled further east than BRC24.

The rock types at the bottoms of all holes are summarised in Table 2. The allocation of a Cambrian or Ordovician age to a rock type is based on the distribution of rocks shown in Figure 1.

Drill cuttings were logged as each hole was drilled. In addition, samples where rock chips were recovered were re-examined at the core shed and the descriptions were incorporated into the logs. Drill logs are attached as Appendix 1.

Eventually, 159 samples of potential host rock were obtained from 19 holes and submitted for gold and arsenic analyses: see Table 3.

It should be noted that it proved extremely difficult to penetrate the Tertiary clay using reverse circulation drilling methods without foam injection. Consequently, many very wet samples had to be collected and handled.

### **3 THE RESULTS**

#### **3.1 THE GOLD AND ARSENIC ANOMALIES**

Experience at the Beaconsfield Mine suggests that gold is generally found only within the reef, whereas, arsenic, as arsenopyrite, is found not only within the reef but also as a halo of mineralisation surrounding it. For this programme, all samples were analysed for Au and As, with detection limits of 0.008 ppm and 0.5 ppm respectively.

Gold analyses ranged from below the detection limit of 0.008 ppm to 0.163 ppm. A frequency histogram of gold analyses is shown in Figure 2; the distribution is very skewed towards the left. Experience at the Beaconsfield Mine suggests that any gold value above the level of detection is anomalous; this suggestion would seem reasonable given the

TABLE 2

**BEACONSFIELD MINE JOINT VENTURE  
EL 7/88 DRILLING PROGRAMME**

**ROCK TYPE AT BOTTOM OF HOLE**

HOLE NO	ROCK TYPE	DEPTH TO	LENGTH OF
		POTENTIAL HOST ROCKS	INTERSECTION
		m	m
BRC1	C siltstone	8	23
BRC2	C siltstone	8	22
BRC3	C siltstone	8	22
BRC4	C siltstone	2	28
BRC5	O siltstone	12	24
BRC6	O siltstone & shale	10	26
BRC7	O siltstone	18	18
BRC8	O shale	24	6
BRC9	O siliceous siltstone	26	16
BRC10	O siltstone	38	12
BRC11	host rocks not intersected		
BRC12	O siltstone & quartzite	44	16
BRC13	host rocks not intersected		
BRC14	host rocks not intersected		
BRC15	O quartzite	26	23
BRC16	O quartzite	22	21
BRC17	O quartzite	41	1
BRC18	O quartzite	52	4
BRC19	host rocks not intersected		
BRC20	O shale & siltstone	60	
BRC21	O shale & siltstone	62	4
BRC22	O quartzite	73	<1
BRC23	host rocks not intersected		
BRC24	host rocks not intersected		
BRC25	O mudstone & siltstone	76	104

Note:

P Permian

O Ordovician

C Cambrian

TABLE 3

**BEACONSFIELD MINE JOINT VENTURE  
EL 7/88 DRILLING PROGRAMME**

**SAMPLES SUBMITTED FOR ANALYSIS**

HOLE NO	SAMPLE NUMBERS		NO OF SAMPLES
BRC1	BRC1-4	to BRC1-15	12
BRC2	BRC2-5	to BRC2-15	11
BRC3	BRC3-5	to BRC3-15	11
BRC4	BRC4-4	to BRC4-15	12
BRC5	BRC5-7	to BRC5-18	12
BRC6	BRC6-7	to BRC6-18	12
BRC7	BRC7-10	to BRC7-18	9
BRC8	BRC8-13	to BRC8-15	3
BRC9	BRC9-14	to BRC9-21	8
BRC10	BRC10-20	to BRC10-24	5
BRC11	no samples submitted		
BRC12	BRC12-23	to BRC12-30	8
BRC13	no samples submitted		
BRC14	no samples submitted		
BRC15	BRC15-14	to BRC15-25	12
BRC16	BRC16-12	to BRC16-22	11
BRC17	BRC17-22		1
BRC18	BRC18-27	to BRC18-28	2
BRC19	no samples submitted		
BRC20	BRC20-31	to BRC20-33	2
BRC21	BRC21-32	to BRC21-33	1 <sup>1</sup>
BRC22	BRC22-38		1
BRC23	no samples submitted		
BRC24	no samples submitted		
BRC25	BRC25-20	to BRC25-43	24
			---
			159

Note:

1. This is a composite sample.

apparently geostatistically nuggety style of reef gold mineralisation. On this basis, there were 19 samples, from 4 holes, which were anomalous in gold: see Table 4.

Arsenic analyses ranged from below the limit of detection of 0.5 ppm to 48 ppm, averaging about 10 ppm. A frequency histogram of arsenic analyses is shown in Figure 3; not surprisingly, this distribution is also skewed to the left. Based on this frequency distribution and experience at the Beaconsfield Mine, arsenic analyses greater than 15.0 ppm were classified as anomalous. On this basis, there were 19 samples, from 7 holes, which were anomalous in arsenic: see Table 4.

Note that the gold and arsenic anomalies do not strictly coincide.

The presence of gold and arsenic in the Transition Beds confirms the possibility that Beaconsfield style reef structures could occur buried beneath Tertiary cover in the area drilled. The largest anomaly was detected in BRC15:

<b>BRC15</b>	<b>26m</b>	<b>to</b>	<b>50m</b>	<b>0.044 ppm Au</b>	<b>12.0 ppm As</b>
				including	
<b>BRC15</b>	<b>42m</b>	<b>to</b>	<b>44m</b>	<b>0.163 ppm Au</b>	<b>9.1 ppm As</b>

### 3.2 QUARTZ - SULPHIDE INTERSECTION

A zone of grey to black siltstone with quartz and pyrite was intersected in BRC25 between 76m and 83m. Analyses of the intersection did not result in anomalous gold or arsenic grades. However, panning of part of the sample resulted in two specks of what appears to be gold. The gold specks should be submitted to Central Mineralogical Services for identification and further analyses of the intersection for other elements - copper, lead, zinc and sulphur - are warranted.

### 3.3 THE POST ORDOVICIAN COVER

A regional description of the stratigraphy of the Beaconsfield area can be found in Gee and Legge (1979).

The Tertiary sand and gravels which outcrop along the track where the holes were drilled generally overlay Tertiary clays which are grey to brown in colour. These clays contain fragments of lignite and the browner the clay the greater the lignite content.

The Tertiary sediments unconformably overlie either Permian sedimentary rocks or older, folded, Ordovician and Cambrian rocks.

TABLE 4

**BEACONSFIELD MINE JOINT VENTURE  
EL 7/88 DRILLING PROGRAMME**

**ANOMALOUS INTERSECTIONS**

**GOLD ANOMALIES**

<b>HOLE NO</b>	<b>FROM m</b>	<b>TO m</b>	<b>Au ppm</b>	<b>As ppm</b>
BRC2	6	8	0.008	5.2
BRC5	14	16	0.022	1.0
BRC5	32	36	0.020	44.5
BRC6	26	30	0.011	16.0
BRC6	32	34	0.012	13.0
BRC15	26	50	0.044	12.0

**ARSENIC ANOMALIES**

<b>HOLE NO</b>	<b>FROM m</b>	<b>TO m</b>	<b>Au ppm</b>	<b>As ppm</b>
BRC4	26	30	<0.008	16.0
BRC5	32	36	0.020	44.5
BRC6	12	32	<0.008	18.7
BRC12	44	46	<0.008	15.0
BRC12	56	58	<0.008	17.0
BRC15	26	28	0.017	24.0
BRC16	20	32	<0.008	22.2
BRC18	56	58	<0.008	16.0

A succession of fossiliferous marine Permian sedimentary rocks was intersected in holes BRC20 and BRC21. BRC22 was drilled using RC methods and only small chips of fossils were recovered: see Photograph 1. BRC24 was diamond drilled from 78m ~~to 100m~~ core contained many fossils: see Photograph 2.

The Permian rocks overlie folded Ordovician and Cambrian rocks.

### 3.4 WATER TABLE

The occurrence of groundwater in the drill holes was recorded where it was observed. Most holes were wet when completed but it was not always possible to detect the point where water was first encountered in a hole due to the use of foam injection during drilling. Table 5 summarises the data which were recorded regarding water in the drill holes.

In general, water occurs trapped in the Tertiary sediments at the base of the sands and gravels and just above the impermeable clays. The continuity of aquifers between drill holes should not be assumed. Cromer (1979) referred to the "... rapid lateral and vertical lithological changes in these sediments ...". So, it is possible that there are empondments of water in the Tertiary which are not be connected laterally.

BRC25 was extended to a depth of 180m in an attempt to penetrate the water table known to exist in the lower Palaeozoic rocks. Two water tables were hit in this hole: one at 24m in the Tertiary gravels and one at 73m in the Transition Beds.

## 4 CONCLUSIONS AND RECOMMENDATIONS

All of the objectives of the programme, which are outlined in the introduction were achieved. In particular, one significant gold anomaly was identified in BRC15. The gold bearing system in the Beaconsfield area is now known to extend north from the Tasmania and North Tasmania Reefs for over a kilometre, at least as far as BRC15 where it is under a cover of Tertiary sediments.

The anomaly detected in BRC15 should be tested by replicating BRC15 with a diamond drill hole. This hole should be drilled in tandem with the drill holes which have been proposed to test the North Tasmania Reef which represents the most prospective gold target in the area apart from the Tasmania Reef itself.

In addition, three specific tasks directly related to the programme just completed should be undertaken:

- rock chips from the anomalous part of BRC15 should be submitted for petrological and mineralogical examination,
- the suspected specks of gold from BRC25 should be submitted for mineralogical

- examination to verify that they are specks of gold,
- the samples from BRC25 which contained quartz - sulphide mineralisation should be further analysed for copper, lead, zinc and sulphur to help to determine the nature of the mineralisation.

TABLE 5

**BEACONSFIELD MINE JOINT VENTURE  
EL 7/88 DRILLING PROGRAMME****WATER TABLES**

<b>HOLE NO</b>	<b>DEPTH STRUCK m</b>	<b>DESCRIPTION RECORDED</b>
BRC1	6	water
BRC2	18	water
BRC3	14	water
BRC4	-	no water
BRC5	12	water
BRC6	24	water
BRC7	8	dampness
BRC8	16	water
BRC9	28	dampness
BRC10	18	water
BRC11	18	water
BRC12	42	water
BRC13	-	no water
BRC14	28	water
BRC15	22	water
BRC16	-	no water
BRC17	34	water
BRC18	6	water
BRC19	6	water
BRC20	8	water
BRC21	8	water
BRC22	18	water
BRC23	24	water
	54	water
BRC24	14	water
BRC25	24	water
	73	water

**REFERENCES**

**Cromer, W.C., 1979.** Groundwater in Gee, R.D. and Legge, P.J., 1979, Geological Survey Explanatory Report, Geological Atlas 1 Mile Series, Beaconsfield, Tasmania Department of Mines.

**Gee, R.D. and Legge, P.J., 1979.** Geological Survey Explanatory Report, Geological Atlas 1 Mile Series, Beaconsfield, Tasmania Department of Mines.

**Newnham, L.A., 1995a.** E.L. 7/88 Beaconsfield area district exploration proposed evaluation program, Newnham Exploration & Mining Services.

**Newnham, L.A., 1995b.** E.L. 7/88 Beaconsfield area RC drilling program, letter from Newnham Exploration & Mining Services to M. McKeown.

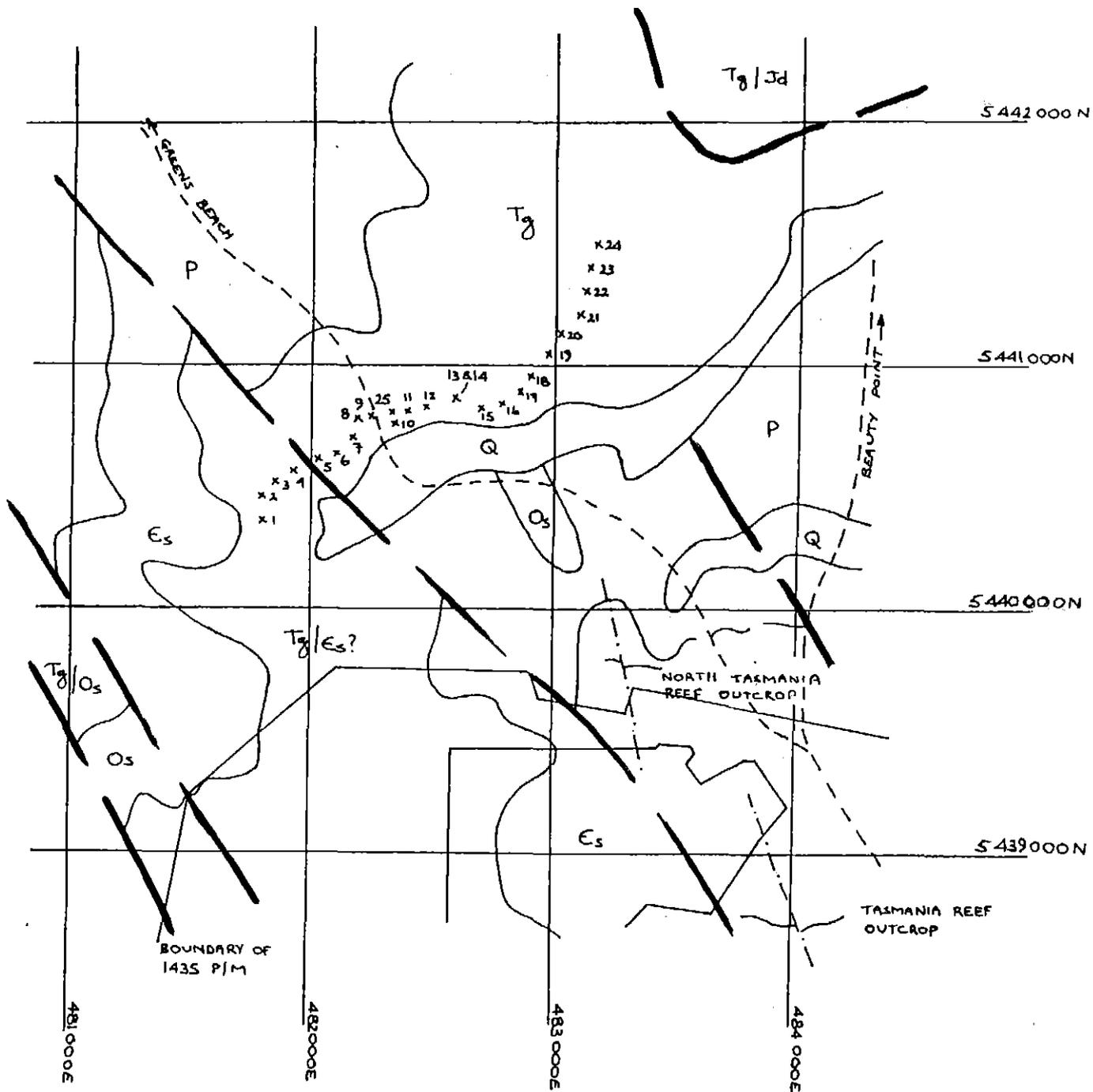


Figure 1. Sketch map showing locations of drill holes

# AU ANALYSES

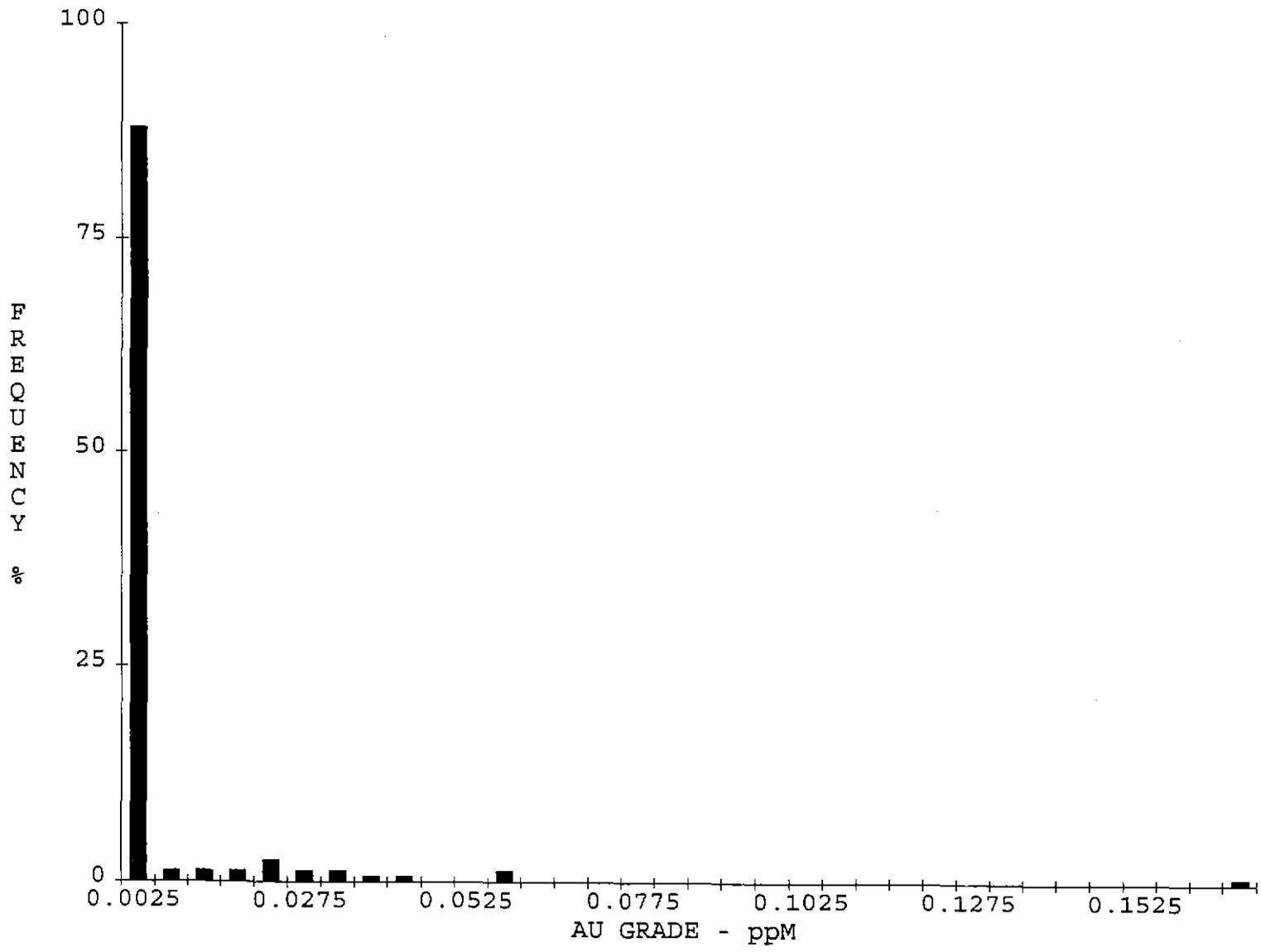


Figure 2. Frequency histogram of gold analyses

AS ANALYSES

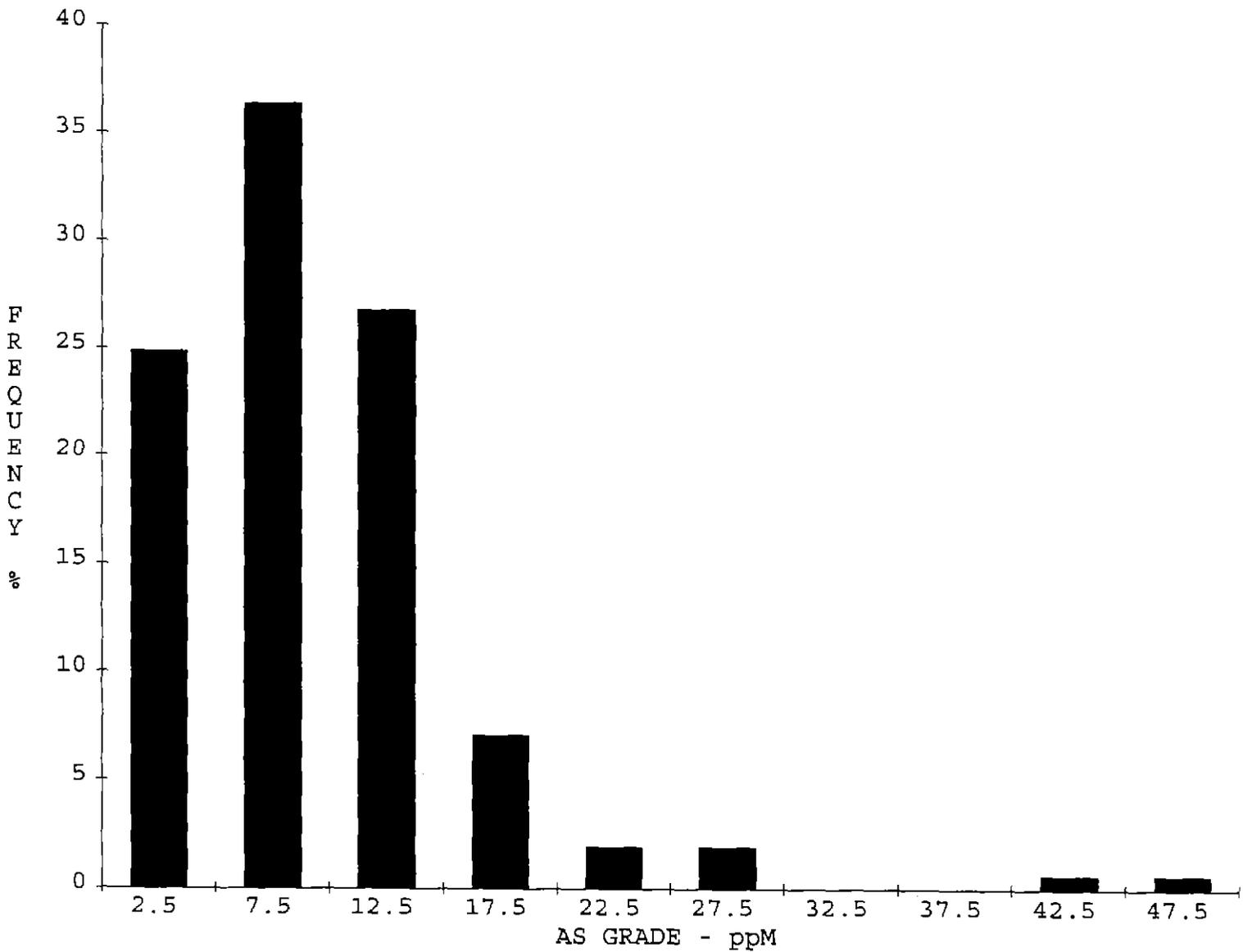


Figure 3. Frequency histogram of arsenic analyses



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Photograph 1. Fossiliferous Permian rock chips from BRC23, 70m to 72m

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Photograph 2. Fossiliferous Permian mudstone from BRC24, 90m  
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**APPENDIX 1****DRILL LOGS**

Note that the recovery of rock chips has been rated from 0 - no chips recovered - to 5 - only rock chips recovered.

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC1

NORTHING : 5 440 355

EASTING : 481 789

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 21APR95

DATE COMPLETED : 21APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 75m.

Water struck at 6m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC1-1A	0	2	brown and grey gravel and topsoil	T	-		
BRC1-1	2	4	brown and grey gravel and topsoil	T	-		
BRC1-2	4	6	light brown gravel	T	-		
BRC1-3	6	8	light brown and grey gravel	T	-		
BRC1-4	8	10	light grey siltstone with sparse white quartz	C	-		
BRC1-5	10	12	light grey siltstone with sparse white quartz	C	1	<0.008	<0.5
BRC1-6	12	14	light grey siltstone with sparse white quartz	C	1	<0.008	<0.5
BRC1-7	14	16	light grey siltstone	C	1	<0.008	<0.5
BRC1-8	16	18	light grey siltstone and black shale	C	1	<0.008	<0.5
BRC1-9	18	19	light grey siltstone and black shale	C	1	<0.008	6.1
BRC1-10	19	21	light grey and green siltstone and black shale	C	1	<0.008	0.8
BRC1-11	21	23	light grey and green siltstone and black shale	C	1	<0.008	4.8
BRC1-12	23	25	dark grey siltstone	C	0	<0.008	8.4
BRC1-13	25	27	light and dark grey siltstone	C	1	<0.008	11.0
BRC1-14	27	29	light grey siltstone and minor white quartz	C	1	<0.008	10.0
BRC1-15	29	31	white quartz and light grey siltstone	C	1	<0.008	11.0

EOH AT 31m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC2

NORTHING : 5 440 451

EASTING : 481 796

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 28APR95

DATE COMPLETED : 28APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 72m.

Water struck at 18m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH m	TRUE THICKNESS m	Au ppM	As ppM
8.0	10.0	2.0	?	0.008	5.2

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppM	As ppM
BRC2-1	0	2	light brown-grey gravel and topsoil	T	-		
BRC2-2	2	4	yellow and brown sand and gravel	T	-		
BRC2-3	4	6	brown sand and gravel	T	-		
BRC2-4	6	8	light and dark brown gravel and sand	T	-		
BRC2-5	8	10	light to dark grey siltstone	C	0	0.008	5.2
BRC2-6	10	12	light to dark grey siltstone	C	0	<0.008	6.8
BRC2-7	12	14	light to dark grey siltstone	C	0	<0.008	14.0
BRC2-8	14	16	light to dark grey siltstone	C	0	<0.008	14.0
BRC2-9	16	18	light to dark grey siltstone	C	0	<0.008	5.5
BRC2-10	18	20	light to dark grey siltstone and white quartz	C	1	<0.008	14.0
BRC2-11	20	22	light to dark grey siltstone and white quartz	C	1	<0.008	9.5
BRC2-12	22	24	light to dark grey siltstone	C	0	<0.008	10.0
BRC2-13	24	26	light to dark grey siltstone	C	0	<0.008	10.0
BRC2-14	26	28	light to dark grey siltstone with trace white quartz	C	1	<0.008	12.0
BRC2-15	28	30	light to dark grey siltstone with trace white quartz	C	1	<0.008	10.0

EOH AT 30m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC3

NORTHING : 5 440 504

EASTING : 481 853

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 28APR95

DATE COMPLETED : 28APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 81m.

Water struck at 14m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH	TRUE THICKNESS	Au ppM	As ppM
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BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC3-1	0	2	light grey gravel and topsoil	T	-		
BRC3-2	2	4	light grey to yellow-brown clayey sand and gravel	T	-		
BRC3-3	4	6	brown sand and gravel	T	-		
BRC3-4	6	8	light to dark brown sand and gravel	T	-		
BRC3-5	8	10	light grey siltstone and white quartz	C	1	<0.008	2.3
BRC3-6	10	12	light grey siltstone and white quartz	C	1	<0.008	4.1
BRC3-7	12	14	light grey siltstone and white quartz	C	1	<0.008	3.7
BRC3-8	14	16	light grey siltstone and white quartz	C	1	<0.008	1.6
BRC3-9	16	18	light grey siltstone and white quartz	C	1	<0.008	1.4
BRC3-10	18	20	light grey siltstone and white quartz	C	1	<0.008	15.0
BRC3-11	20	22	light grey siltstone	C	1	<0.008	9.8
BRC3-12	22	24	light grey siltstone	C	1	<0.008	11.0
BRC3-13	24	26	light grey siltstone and minor white quartz	C	1	<0.008	7.8
BRC3-14	26	28	light grey siltstone and minor white quartz	C	1	<0.008	5.5
BRC3-15	28	30	light grey siltstone	C	1	<0.008	7.2

EOH AT 30m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC4

NORTHING : 5 440 567

EASTING : 481 936

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 28APR95

DATE COMPLETED : 28APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 77m.

No water struck.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC4-1	0	2	brown gravel and clay	T	-		
BRC4-2	2	4	dark cream siltstone	C	0		
BRC4-3	4	6	light cream siltstone	C	1		
BRC4-4	6	8	dark grey siltstone and white quartz	C	1	<0.008	0.7
BRC4-5	8	10	dark grey siltstone and white quartz	C	0	<0.008	5.1
BRC4-6	10	12	dark grey siltstone and white quartz	C	0	<0.008	8.6
BRC4-7	12	14	dark grey siltstone and white quartz	C	0	<0.008	7.1
BRC4-8	14	16	dark grey siltstone and white quartz	C	0	<0.008	15.0
BRC4-9	16	18	dark grey siltstone and white quartz	C	0	<0.008	13.0
BRC4-10	18	20	dark grey siltstone and white quartz	C	0	<0.008	14.0
BRC4-11	20	22	dark grey siltstone and white quartz	C	0	<0.008	14.0
BRC4-12	22	24	dark grey siltstone and white quartz	C	0	<0.008	14.0
BRC4-13	24	26	dark grey siltstone and white quartz	C	0	<0.008	14.0
BRC4-14	26	28	dark grey siltstone and white quartz	C	0	<0.008	15.0
BRC4-15	28	30	dark grey siltstone and white quartz	C	1	<0.008	17.0

EOH at 30m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC5

NORTHING : 5 440 597

EASTING : 482 016

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 29APR95

DATE COMPLETED : 29APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 71m.

Water struck at 12m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH m	TRUE THICKNESS m	Au ppM	As ppM
32.0	36.0	2.0	?	0.020	44.5

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC5-1	0	2	dark cream gravel and topsoil	T	-		
BRC5-2	2	4	cream sand and gravel	T	-		
BRC5-3	4	6	yellow sand and gravel	T	-		
BRC5-4	6	8	yellow sand and gravel	T	-		
BRC5-5	8	10	cream sand and gravel	T	-		
BRC5-6	10	12	cream sand and gravel	T	-	<0.008	1.5
BRC5-7	12	14	quartz gravel and light grey siltstone	O	1	<0.008	0.7
BRC5-8	14	16	dark grey siltstone	O	0	<0.008	1.0
BRC5-9	16	18	dark grey siltstone	O	0	<0.008	2.0
BRC5-10	18	20	dark grey siltstone	O	0	<0.008	5.9
BRC5-11	20	22	dark grey siltstone	O	0	<0.008	12.0
BRC5-12	22	24	dark grey siltstone	O	0	<0.008	12.0
BRC5-13	24	26	dark grey siltstone	O	0	<0.008	11.0
BRC5-14	26	28	dark grey siltstone	O	0	<0.008	13.0
BRC5-15	28	30	dark grey siltstone	O	0	<0.008	13.0
BRC5-16	30	32	dark grey siltstone	O	0	<0.008	10.0
BRC5-17	32	34	black shale	O	0	0.020	48.0
BRC5-18	34	36	black shale	O	1	0.020	41.0

EOH AT 36m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC6

NORTHING : 5 440 631

EASTING : 482 112

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 29APR95

DATE COMPLETED : 29APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 79m.

Water struck at 24m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH m	TRUE THICKNESS m	Au ppM	As ppM
26.0	30.0	4.0	?	0.011	16.0
32.0	34.0	2.0	?	0.012	13.0

319032

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC6-1	0	2	orange to yellow gravel and sand	T	-		
BRC6-2	2	4	cream gravel and sand	T	-		
BRC6-3	4	6	cream gravel and sand	T	-		
BRC6-4	6	8	light brown gravel and sand	T	-		
BRC6-5	8	10	light brown gravel and sand	T	0		
BRC6-6	10	12	orange gravel & sand and dark grey siltstone	O	0		
BRC6-7	12	14	dark grey siltstone	O	0	<0.008	16.0
BRC6-8	14	16	dark grey siltstone	O	0	<0.008	20.0
BRC6-9	16	18	dark grey siltstone	O	0	<0.008	23.0
BRC6-10	18	20	dark grey siltstone	O	0	<0.008	16.0
BRC6-11	20	22	dark grey siltstone	O	0	<0.008	17.0
BRC6-12	22	24	dark grey siltstone	O	0	<0.008	28.0
BRC6-13	24	26	black shale	O	0	<0.008	20.0
BRC6-14	26	28	black shale	O	0	0.014	16.0
BRC6-15	28	30	black shale	O	0	0.008	16.0
BRC6-16	30	32	black shale	O	0	<0.008	15.0
BRC6-17	32	34	black shale	O	0	0.012	13.0
BRC6-18	34	36	black shale	O	0	<0.008	12.0

EOH AT 36m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC7

NORTHING : 5 440 712

EASTING : 482 166

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 29APR95

DATE COMPLETED : 29APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 80m.

Hole recorded as damp at 8m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

319034

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC7-1	0	2	orange to brown sand and gravel	T	-		
BRC7-2	2	4	buff brown sand and gravel	T	-		
BRC7-3	4	6	light buff brown to cream sand and gravel	T	-		
BRC7-4	6	8	light grey to buff brown sand and gravel	T	-		
BRC7-5	8	10	off white clayey sand and gravel	T	-		
BRC7-6	10	12	off white sandy clay	T	-		
BRC7-7	12	14	off white sandy clay	T	-		
BRC7-8	14	16	off white clay and minor sand and gravel	T	-		
BRC7-9	16	18	buff brown sandy clay and light grey siltstone	O	-		
BRC7-10	18	20	mid grey siltstone	O	0	<0.008	1.2
BRC7-11	20	22	light to mid grey siltstone	O	0	<0.008	0.6
BRC7-12	22	24	light to mid grey siltstone	O	0	<0.008	2.5
BRC7-13	24	26	mid grey siltstone	O	0	<0.008	7.1
BRC7-14	26	28	mid grey siltstone	O	0	<0.008	8.0
BRC7-15	28	30	mid grey siltstone	O	0	<0.008	6.7
BRC7-16	30	32	mid grey siltstone	O	0	<0.008	9.3
BRC7-17	32	34	mid grey siltstone	O	0	<0.008	7.8
BRC7-18	34	36	mid grey siltstone	O	0	<0.008	6.4

EOH AT 36m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC8

NORTHING : 5 440 777

EASTING : 482 204

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 30APR95

DATE COMPLETED : 30APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 88m.

Dampness struck at 16m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC8-1	0	2	orange, yellow and grey gravel and clay	T	-		
BRC8-2	2	4	yellow cream gravel and clay	T	-		
BRC8-3	4	6	orange clay and brown sandy gravel	T	-		
BRC8-4	6	8	buff to dark brown sand and gravel	T	-		
BRC8-5	8	10	buff brown gravel	T	-		
BRC8-6	10	12	buff to dark brown sand and gravel	T	-		
BRC8-7	12	14	buff to light brown sand and gravel	T	-		
BRC8-8	14	16	light brown to grey gravel and orange white clay	T	-		
BRC8-9	16	18	pale grey to brown clay	T	-		
BRC8-10	18	20	brown gravel and grey clay	T	-		
BRC8-11	20	22	brown sand	T	-		
BRC8-12	22	24	brown sand	T	-		
BRC8-13	24	26	grey siltstone?	O	1	<0.008	1.4
BRC8-14	26	28	black grey shale	O	1	<0.008	2.9
BRC8-15	28	30	black shale	O	1	<0.008	3.6

EOH AT 30m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC9

NORTHING : 5 440 795

EASTING : 482 248

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 30APR95

DATE COMPLETED : 30APR95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 63m.

Dampness struck at 28m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC9-1	0	2	yellow gray sandy gravel and clay	T	-		
BRC9-2	2	4	yellow grey clay and orange sandy gravel	T	-		
BRC9-3	4	6	orange sandy gravel	T	-		
BRC9-4	6	8	yellow clay and orange sandy gravel	T	-		
BRC9-5	8	10	buff to dark brown sand and gravel	T	-		
BRC9-6	10	12	light to dark brown sand and gravel	T	-		
BRC9-7	12	14	light to dark brown sand and gravel	T	-		
BRC9-8	14	16	grey brown clay	T	-		
BRC9-9	16	18	grey brown clay	T	-		
BRC9-10	18	20	grey brown clay	T	-		
BRC9-11	20	22	grey brown clay	T	-		
BRC9-12	22	24	grey brown clay	T	-		
BRC9-13	24	26	grey clay and grey siltstone	O	-		
BRC9-14	26	28	grey siliceous siltstone	O	1	<0.008	6.2
BRC9-15	28	30	grey siliceous siltstone	O	1	<0.008	3.9
BRC9-16	30	32	dark grey siltstone and mudstone	O	1	<0.008	3.8
BRC9-17	32	34	dark to light grey siltstone and mudstone	O	1	<0.008	2.3
BRC9-18	34	36	grey siltstone and mudstone	O	1	<0.008	3.0
BRC9-19	36	38	grey siltstone	O	1	<0.008	5.0
BRC9-20	38	40	grey siltstone and brown mudstone	O	1	<0.008	7.6
BRC9-21	40	42	grey siltstone	O	1	<0.008	<0.5

EOH AT 42m

EL 7/88 RC DRILL HOLE NUMBER BRC9

319039

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC10

NORTHING : 5 440 745

EASTING : 482 351

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 1MAY95

DATE COMPLETED : 1MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 71m.

Water struck at 18m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH	TRUE THICKNESS	Au ppM	As ppM
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319040

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC10-1	0	2	mustard to light brown gravel sand and gravel	T	-		
BRC10-2	2	4	cream, yellow and orange sand and gravel	T	-		
BRC10-3	4	6	cream, yellow and dark orange sand and gravel	T	-		
BRC10-4	6	8	cream to yellow sand and gravel	T	-		
BRC10-5	8	10	yellow grey sand and gravel	T	-		
BRC10-6	10	12	mustard yellow and grey sand and gravel	T	-		
BRC10-7	12	14	yellow orange sand and gravel	T	-		
BRC10-8	14	16	mustard yellow to orange sand and gravel	T	-		
BRC10-9	16	18	orange sand and gravel	T	-		
BRC10-10	18	20	yellow and grey clayey sand and gravel	T	-		
BRC10-11	20	22	grey gravelly clay	T	-		
BRC10-12	22	24	grey brown and black clay	T	-		
BRC10-13	24	26	grey clay	T	-		
BRC10-14	26	28	grey brown clay	T	-		
BRC10-15	28	30	dark grey clay	T	-		
BRC10-16	30	32	dark grey clay	T	-		
BRC10-17	32	34	grey brown clay	T	-		
BRC10-18	34	36	grey clay	T	-		
BRC10-19	36	38	brown clay	T	-		
BRC10-20	38	40	brown clay and buff fine grained siltstone	O	1	<0.008	1.4
BRC10-21	40	42	light brown fine grained siltstone	O	0	<0.008	2.9
BRC10-22	42	44	light brown fine grained siltstone	O	0	<0.008	2.5
BRC10-23	44	46	light brown fine grained siltstone	O	0	<0.008	0.6
BRC10-24	46	48	light brown fine grained siltstone and minor milky quartz	O	1	<0.008	0.8

EOH AT 48m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC11

NORTHING : 5 440 798

EASTING : 482 386

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 1MAY95

DATE COMPLETED : 1MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 71m.

Water struck at 18m.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH	TRUE THICKNESS	Au ppM	As ppM
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BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC11-1	0	2	brown and red brown clay	T	-		
BRC11-2	2	4	brown and cream sand	T	-		
BRC11-3	4	6	cream sand	T	-		
BRC11-4	6	8	brown sand and gravel and grey cream clay	T	-		
BRC11-5	8	10	brown and brown red clayey sand	T	-		
BRC11-6	10	12	tan and cream sand	T	-		
BRC11-7	12	14	tan and cream sand and white gravel	T	-		
BRC11-8	14	16	tan and off white gravel	T	-		
BRC11-9	16	18	off white gravel	T	-		
BRC11-10	18	20	brown gravel and grey clay	T	-		
BRC11-11	20	22	grey and brown clay	T	-		
BRC11-12	22	24	brown and cream clay	T	-		
BRC11-13	24	26	brown clay	T	-		
BRC11-14	26	28	grey clay	T	-		
BRC11-15	28	30	dark grey and grey black clay	T	-		
BRC11-16	30	32	grey clay	T	-		
BRC11-17	32	34	grey clay	T	-		
BRC11-18	34	36	grey slightly gravelly clay	T	-		
BRC11-19	34	38	grey slightly gravelly clay	T	-		
BRC11-20	38	40	grey slightly gravelly clay	T	-		
BRC11-21	40	42	grey clay	T	-		
BRC11-22	42	44	grey clay	T	-		
BRC11-23	44	46	grey slightly gravelly clay	T	-		
BRC11-24	46	48	grey slightly gravelly clay	T	-		

EOH AT 48m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC12

NORTHING : 5 440 821

EASTING : 482 481

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 1MAY95

DATE COMPLETED : 1MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 71m.

Water was hit at 42m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH m	TRUE THICKNESS m	Au ppM	As ppM
56.0	58.0	2.0	?	<0.008	17

319044

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC12-1	0	2	tan sand and gravel	T	-		
BRC12-2	2	4	light brwon and red sand	T	-		
BRC12-3	4	6	light brown and mustard sand	T	-		
BRC12-4	6	8	light brown and grey sand and gravel	T	-		
BRC12-5	8	10	off white sand and gravel	T	-		
BRC12-6	10	12	off white sand and gravel and mustard sand	T	-		
BRC12-7	12	14	mustard and grey sand and gravel	T	-		
BRC12-8	14	16	off white clayey sand	T	-		
BRC12-9	16	18	off white clayey sand and mustard sand and gravel	T	-		
BRC12-10	18	20	light brown and mustard sand and gravel	T	-		
BRC12-11	20	22	off white sand	T	-		
BRC12-12	22	24	light brown clay and clayey sand	T	-		
BRC12-13	24	26	light brown and dark grey clay	T	-		
BRC12-14	26	28	dark grey clay and sparse gravel	T	-		
BRC12-15	28	30	dark grey and dark brown clay	T	-		
BRC12-16	30	32	grey and dark brown clay	T	-		
BRC12-17	32	34	grey and black clay	T	-		
BRC12-18	34	36	light grey and grey brown clay	T	-		
BRC12-19	34	38	light grey and dark grey clay	T	-		
BRC12-20	38	40	dark grey clay with very sparse gravel	T	-		
BRC12-21	40	42	dark grey clay	T	-		
BRC12-22	42	44	dark grey clay and gravel	T	-		
BRC12-23	44	46	grey clay and rock chips: grey and grey green siltstone and sparse quartz	O	1	<0.008	15.0
BRC12-24	46	48	grey clayey sand and sparse rock chips: grey siltstone with minor quartz and red chert	O	1	<0.008	12.0
BRC12-25	48	50	grey clayey sand and very sparse rock chips: dark grey siltstone and quartz	O	1	<0.008	8.9
BRC12-26	50	52	grey clayey sand and very sparse rock chips: dark grey siltstone and quartz	O	1	<0.008	8.8
BRC12-27/28	52	56	grey clayey sand and very sparse rock chips: black quartzite with minor grey siltstone and	O	1	<0.008	5.8

EL 7/88 RC DRILL HOLE NUMBER BRC12

319045

BEACONSFIELD MINE JOINT VENTURE

BRC12-29	56	58	quartz grey clayey sand and very sparse rock chips: light grey to black quartzite with minor green siltstone and sparse quartz and red chert.	0	1	<0.008	17.0
BRC12-30	58	60	grey and brown clay and very sparse rock chips: quartz.	0	1	<0.008	14.0
EOH AT 60m							

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC13

NORTHING : 5 440 848

EASTING : 482 595

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 2MAY95

DATE COMPLETED : 2MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 79m.

Hole was abandoned at 45m; the hole was caving and the bit and rod string were clogged with clay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH	TRUE THICKNESS	Au ppM	As ppM
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BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC13-1	0	2	orange sand and gravel	T	-		
BRC13-2	2	4	light brown sand and gravel	T	-		
BRC13-3	4	6	light brown, orange and red sand and gravel	T	-		
BRC13-4	6	8	light brown sand and gravel	T	-		
BRC13-5	8	10	off white sand and gravel	T	-		
BRC13-6	10	12	off white and orange sand and gravel	T	-		
BRC13-7	12	14	off white, light grey and orange sand and gravel	T	-		
BRC13-8	14	16	cream sand and gravel	T	-		
BRC13-9	16	18	off white sand and gravel	T	-		
BRC13-10	18	20	light grey sand and gravel	T	-		
BRC13-11	20	22	off white sand and gravel	T	-		
BRC13-12	22	24	off white and orange sand and gravel	T	-		
BRC13-13	24	26	light brown sand and gravel	T	-		
BRC13-14	26	28	orange and brown sand and gravel and grey clay	T	-		
BRC13-15	28	30	grey clay	T	-		
BRC13-16	30	32	mid grey clay and minor gravel	T	-		
BRC13-17	32	34	mid grey clay	T	-		
BRC13-18	34	36	mid grey clay	T	-		
BRC13-19	34	38	grey and black clay and rare lignite fragments	T	-		
BRC13-20	38	40	dark grey clay	T	-		
BRC13-21	40	42	light and dark grey clay and sparse gravel	T	-		
BRC13-22	42	44	dark grey clay	T	-		
BRC13-23	44	45	dark grey and black clay and rare lignite fragments	T	-		

EOH AT 45m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC14

NORTHING : 5 440 850

EASTING : 482 590

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 3MAY95

DATE COMPLETED : 3MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 81m.

Water hit at 28m.

Hole was abandoned at 78m in Tertiary clay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC14-1	0	2	brown sand and gravel	T	-		
BRC14-2	2	4	light brown sand and gravel	T	-		
BRC14-3	4	6	light brown, orange and red sand and gravel	T	-		
BRC14-4	6	8	light brown sand and gravel	T	-		
BRC14-5	8	10	light brown sand and gravel	T	-		
BRC14-6	10	12	light brown and orange sand and gravel	T	-		
BRC14-7	12	14	light grey and brown sand and gravel	T	-		
BRC14-8	14	16	off white sand and gravel	T	-		
BRC14-9	16	18	off white sand and gravel	T	-		
BRC14-10	18	20	light grey sand and gravel	T	-		
BRC14-11	20	22	grey and off white sand and gravel	T	-		
BRC14-12	22	24	off white and orange sand and gravel	T	-		
BRC14-13	24	26	off white and light brown sand and gravel	T	-		
BRC14-14	26	28	light brown sand and dark brown clay	T	-		
BRC14-15	28	30	grey clay	T	-		
BRC14-16	30	32	light grey clay	T	-		
BRC14-17	32	34	light grey clay	T	-		
BRC14-18	34	36	light and dark grey clay	T	-		
BRC14-19	34	38	grey to brown sandy partly sandy clay	T	-		
to							
BRC14-39	76	78	grey to brown sandy partly sandy clay	T	-		

EOH AT 78m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC15

NORTHING : 5 440 801

EASTING : 482 690

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 4MAY95

DATE COMPLETED : 4MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 77m.

Water struck at 22m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH m	TRUE THICKNESS m	Au ppM	As ppM
26.0	50.0	24.0	?	0.044	12.0
42.0	44.0	2.0	?	0.163	9.1
26.0	28.0	2.0	?	0.017	24.0

319051

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC15-1	0	2	mid-brown gravel and soil	T	-		
BRC15-2	2	4	light brown sand and gravel	T	-		
BRC15-3	4	6	light brown and orange sand and gravel	T	-		
BRC15-4	6	8	light and dark brown and yellow-orange sand and gravel	T	-		
BRC15-5	8	10	light and dark brown, off-white and orange sand and gravel	T	-		
BRC15-6	10	12	off-white and orange-brown sand and gravel	T	-		
BRC15-7	12	14	light brown and orange sand and gravel and dark brown clay	T	-		
BRC15-8	14	16	orange-brown sand and gravel	T	-		
BRC15-9	16	18	light orange-brown sand and gravel	T	-		
BRC15-10	18	20	light orange-brown sand and gravel	T	-		
BRC15-11	20	22	orange-brown sand and gravel	T	-		
BRC15-12	22	24	orange-brown clayey sand and gravel	T	-		
BRC15-13	24	26	mid-brown clay	T	-		
BRC15-14	26	28	grey to black glassy quartzite with slight iron staining and sparse white quartz	O	2	0.017	24.0
BRC15-15	28	30	grey to black glassy quartzite with slight iron staining and sparse white quartz	O	1	0.056	14.0
BRC15-16	30	32	grey to black glassy quartzite with slight iron staining and sparse white quartz	O	1	0.059	9.4
BRC15-17	32	34	grey to black glassy quartzite with slight iron staining and sparse white quartz	O	1	0.034	13.0
BRC15-18	34	36	grey to black glassy quartzite with slight iron staining and sparse white quartz	O	1	0.037	12.0
BRC15-19	36	38	grey to black glassy quartzite with slight iron staining and sparse white quartz	O	1	0.026	12.0
BRC15-20	38	40	grey to black glassy quartzite with trace white quartz	O	2	0.017	14.0
BRC15-21	40	42	grey to black glassy quartzite with trace white quartz	O	3	0.041	14.0
BRC15-22	42	44	white quartz and rare grey quartzite chips	O	3	0.163	9.1

BEACONSFIELD MINE JOINT VENTURE

			with slight iron staining				
BRC15-23	44	46	white quartz and grey quartzite	0	3	0.045	7.3
BRC15-24	46	48	white quartz and grey quartzite	0	3	0.032	6.5
BRC15-25	48	49	grey to black glassy quartzite	0	3	0.020	9.0

EOH AT 49m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC16

NORTHING : 5 440 837

EASTING : 482 773

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 5MAY95

DATE COMPLETED : 5MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 71m.

No water was struck in this hole.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC16-1	0	2	dark brown and tan sand, gravel and soil	T	-		
BRC16-2	2	4	mid brown clayey sand and gravel	T	-		
BRC16-3	4	6	orange brown sand and gravel	T	-		
BRC16-4	6	8	dark brown sand and gravel	T	-		
BRC16-5	8	10	cream, orange and brown sand and gravel	T	-		
BRC16-6	10	12	orange sand and gravel	T	-		
BRC16-7	12	14	orange sand and gravel	T	-		
BRC16-8	14	16	orange and light brown sand and gravel	T	-		
BRC16-9	16	18	orange sand and gravel	T	-		
BRC16-10	18	20	orange sand and gravel and light brown clay	T	-		
BRC16-11	20	22	light brown sand, gravel and clay	T	-		
BRC16-12	22	24	off white to grey brown quartzite	O	-	<0.008	29.0
BRC16-13	24	26	off white to grey brown quartzite and white quartz	O	-	<0.008	17.0
BRC16-14	26	28	grey quartzite	O	-	<0.008	22.0
BRC16-15	28	30	brown quartzite	O	-	<0.008	14.0
BRC16-16	30	32	grey quartzite	O	-	<0.008	29.0
BRC16-17	32	34	grey quartzite	O	-	<0.008	9.7
BRC16-18	34	36	grey quartzite with slight ironstaining	O	-	<0.008	5.3
BRC16-19	36	38	grey quartzite	O	-	<0.008	12.0
BRC16-20	38	40	grey quartzite	O	-	<0.008	10.0
BRC16-21	40	42	grey quartzite	O	-	<0.008	7.0
BRC16-22	42	43	grey quartzite with slight ironstaining	O	-	<0.008	11.0

EOH AT 43m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC17

NORTHING : 5 440 880

EASTING : 482 856

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 8MAY95

DATE COMPLETED : 8MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 66m.

Water struck at 34m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC17-1	0	2	light to dark tan and brown sand and gravel	T	-		
BRC17-2	2	4	light brown sand and gravel	T	-		
BRC17-3	4	6	off white sand and gravel	T	-		
BRC17-4	6	7	off white and brown sand and gravel	T	-		
BRC17-5	7	9	dark grey sand, gravel and clay	T	-		
BRC17-6	9	11	orange brown sand and gravel	T	-		
BRC17-7	11	13	orange brown sand and gravel	T	-		
BRC17-8	13	15	orange brown sand and gravel	T	-		
BRC17-9	15	17	orange brown clayey sand and gravel	T	-		
BRC17-10	17	19	grey brown clay with minor sand and gravel	T	-		
BRC17-11	19	21	light to dark grey clay with sparse sand and gravel	T	-		
BRC17-12	21	23	light to dark grey clay with sparse sand and gravel	T	-		
BRC17-13	23	25	light to dark grey clay with sparse sand and gravel	T	-		
BRC17-14	25	27	light to dark grey lignitic clay with sparse gravel	T	-		
BRC17-15	27	29	light to dark grey lignitic clay with sparse gravel	T	-		
BRC17-16	29	31	light grey lignitic clay with minor sand and gravel	T	-		
BRC17-17	31	33	dark grey lignitic clay with minor sand and gravel	T	-		
BRC17-18	33	35	light grey lignitic clay with minor sand and gravel	T	-		
BRC17-19	35	37	light and dark grey lignitic clay with minor sand and gravel	T	-		
BRC17-20	37	39	light and dark grey lignitic clay with minor sand and gravel	T	-		
BRC17-21	39	41	light and dark grey clay, sand and gravel and minor brown quartzite	T	-		
BRC17-22	41	42	brown grey quartzite	O	1	<0.008	10.0

BEACONSFIELD MINE JOINT VENTURE

EOH AT 42m

EL 7/88 RC DRILL HOLE NUMBER BRC17

319058

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC18

NORTHING : 5 440 962

EASTING : 482 902

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 9MAY95

DATE COMPLETED : 9MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 66m.

Water struck at 6m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC18-1	0	2	brown gravelly clay	T	-		
BRC18-2	2	4	brown grey gravelly clay	T	-		
BRC18-3	4	6	light grey gravelly clay	T	-		
BRC18-4	6	8	buff brown clay	T	-		
BRC18-5	8	10	light grey sand and gravel	T	-		
BRC18-6	10	12	grey gravelly clay	T	-		
BRC18-7	12	14	dark grey clay, sand and gravel	T	-		
BRC18-8	14	16	dark grey brwon sand and gravel	T	-		
BRC18-9	16	18	dark grey sand and gravel	T	-		
BRC18-10	18	20	grey brown sand and gravel	T	-		
BRC18-11	20	22	grey brown sand and gravel	T	-		
BRC18-12	22	24	grey brown sand and gravel	T	-		
BRC18-13	24	26	grey brown sand and gravel	T	-		
BRC18-14	26	28	grey brown sand and gravel	T	-		
BRC18-15	28	30	grey brown sand and gravel	T	-		
BRC18-16	30	32	grey sand and gravel	T	-		
BRC18-17	32	34	grey sand and gravel	T	-		
BRC18-18	34	36	grey brown sand and gravel	T	-		
BRC18-19	36	38	grey brown sand and gravel	T	-		
BRC18-20	38	40	grey brown sand and gravel	T	-		
BRC18-21	40	42	grey brown clayey sand and gravel	T	-		
BRC18-22	42	44	grey brown clayey sand and gravel	T	-		
BRC18-23	44	46	brown clay	T	-		
BRC18-24	46	48	brown clay	T	-		
BRC18-25	48	50	dark brown clay	T	-		
BRC18-26	50	52	dark brown clay	T	-		
BRC18-27	52	54	grey siltstone	O	1	<0.008	15.0
BRC18-28	54	56	grey siltstone	O	2	<0.008	16.0

EOH AT 56m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC19

NORTHING : 5 441 042

EASTING : 482 984

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 9MAY95

DATE COMPLETED : 9MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 45m.

This hole was drilled with a roller bit which would not penetrate the quartzite at the bottom of the hole. When the rods were pulled to change the bit, the hole caved and was abandoned.

Water struck at 6m.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC19-1	0	2	brown sand and topsoil	T	-		
BRC19-2	2	4	light brown sand and gravel	T	-		
BRC19-3	4	6	light brown to off white sand and gravel	T	-		
BRC19-4	6	8	light brown to off white clayey sand and gravel	T	-		
BRC19-5	8	10	light brown sand, gravel and clay	T	-		
BRC19-6	10	12	light brown sand, gravel and clay	T	-		
BRC19-7	12	14	grey, slightly gravelly, clay	T	-		
BRC19-8	14	16	grey to brown, slightly gravelly, clay	T	-		
BRC19-9	16	18	grey clay	T	-		
BRC19-10	18	20	grey to brown lignitic clay	T	-		
BRC19-11	20	22	dark grey clay	T	-		
BRC19-12	22	24	light to dark brown clay	T	-		
BRC19-13	24	26	light grey clay	T	-		
BRC19-14	26	28	light grey to dark brown clay	T	-		
BRC19-15	28	30	grey clay	T	-		
BRC19-16	30	32	dark grey clay	T	-		
BRC19-17	32	34	dark brown lignitic clay	T	-		
BRC19-18	34	36	dark brown lignitic clay	T	-		
BRC19-19	36	38	grey clay and gravel	T	-		
BRC19-20	38	40	grey clay and gravel	T	-		
BRC19-21	40	42	grey and dark brown clay and gravel	T	-		
BRC19-22	42	44	brown, slightly lignitic clay	T	-		
BRC19-23	44	46	brown, slightly lignitic clay	T	-		
BRC19-24	46	48	brown, slightly lignitic clay	T	-		
BRC19-25	48	49	brown, slightly lignitic clay and traces of brown quartzite	T/P	-		

EOH AT 49m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC20

NORTHING : 5 441 113

EASTING : 483 017

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 10MAY95

DATE COMPLETED : 10MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 67m.

Water struck at 8m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

319063

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC20-1	0	2	light brown sand, gravel and topsoil	T	-		
BRC20-2	2	4	light brown and off white sand and gravel	T	-		
BRC20-3	4	6	off white sand and gravel	T	-		
BRC20-4	6	8	tan and off white sand and gravel	T	-		
BRC20-5	8	10	light brown clayey sand and gravel	T	-		
BRC20-6	10	12	light brown clayey sand and gravel	T	-		
BRC20-7	12	14	light brown clayey sand and gravel	T	-		
BRC20-8	14	16	light brown clayey sand and gravel	T	-		
BRC20-9	16	18	light brown, slightly gravelly clay	T	-		
BRC20-10	18	20	light brown, slightly gravelly clay	T	-		
BRC20-11	20	22	light brown, slightly gravelly clay	T	-		
BRC20-12	22	24	grey brown, gravelly, very lignitic clay	T	-		
BRC20-13	24	26	light grey to brown, gravelly clay	T	-		
BRC20-14	26	28	light grey to brown, gravelly clay	T	-		
BRC20-15	28	30	light brown gravelly clay	T	-		
BRC20-16	30	32	light brown gravelly clay	T	-		
BRC20-17	32	34	light brown gravelly clay	T	-		
BRC20-18	34	36	light grey brown gravelly clay	T	-		
BRC20-19	36	38	light grey brown gravelly clay	T	-		
BRC20-20	38	40	light brown gravelly clay	T	-		
BRC20-21	40	42	light brown gravelly clay	T	-		
BRC20-22	42	44	pale brown very gravelly clay	T	-		
BRC20-23	44	46	pale brown very gravelly clay	T	-		
BRC20-24	46	48	pale brown very gravelly clay	T	-		
BRC20-25	48	50	pale brown grey very gravelly clay	T	-		
BRC20-26	50	52	pale brown grey very gravelly clay	T	-		
BRC20-27	52	54	pale brown slightly gravelly clay	T	-		
BRC20-28	54	56	pale brown slightly gravelly clay	T	-		
BRC20-29	56	58	pale brown slightly gravelly clay	T	-		
BRC20-30	58	60	pale brown slightly gravelly clay and minor dark grey shaley siltstone	O	1		
BRC20-31	60	62	dark grey shaley siltstone with minor quartz	O	2	<0.008	15.0
BRC20-32	62	64	dark grey shaley siltstone with minor quartz	O	3	<0.008	11.0

EL 7/88 RC DRILL HOLE NUMBER BRC20

319064

BEACONSFIELD MINE JOINT VENTURE

BRC20-33	64	66	dark grey shaley siltstone with minor quartz	0	2	<0.008	9.0
			EOH AT 66m				

EL 7/88 RC DRILL HOLE NUMBER BRC20

319065

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC21

NORTHING : 5 441 204

EASTING : 483 098

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 10MAY95

DATE COMPLETED : 10MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 71m.

Water struck at 8m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppm	ppm

319066

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC21-1	0	2	orange gravel and sand and grey brown topsoil	T	-		
BRC21-2	2	4	cream to tan sand and gravel	T	-		
BRC21-3	4	6	orange to tan sand and gravel	T	-		
BRC21-4	6	8	light brown clayey sand and gravel	T	-		
BRC21-5	8	10	pale brown grey clay	T	-		
BRC21-6	10	12	off white clayey sand and gravel	T	-		
BRC21-7	12	14	off white sand and gravel	T	-		
BRC21-8	14	16	pale brown grey sand	T	-		
BRC21-9	16	18	light grey slightly gravelly clay	T	-		
BRC21-10	18	20	grey to brown slightly gravelly clay	T	-		
BRC21-11	20	22	grey to dark brown lignitic gravelly clay	T	-		
BRC21-12	22	24	grey gravelly clay	T	-		
BRC21-13	24	26	dark grey brown clay	T	-		
BRC21-14	26	28	dark brown lignitic clay	T	-		
BRC21-15	28	30	grey black clay	T	-		
BRC21-16	30	32	black to dark brown lignitic clay	T	-		
BRC21-17	32	34	light to mid grey clay	T	-		
BRC21-18	34	36	mid grey to dark brown lignitic clay	T	-		
BRC21-19	36	38	dark brown, slightly lignitic, very slightly gravelly clay	T	-		
BRC21-20	38	40	dark grey, very slightly gravelly clay	T	-		
BRC21-21	40	42	dark brown, slightly lignitic, very slightly gravelly clay	T	-		
BRC21-22	42	44	grey, slightly gravelly clay	T	-		
BRC21-23	44	46	grey clay and gravel	T	-		
BRC21-24	46	48	grey clay and gravel	T	-		
BRC21-25	48	50	grey clay and gravel	T	-		
BRC21-26	50	52	grey to brown, slightly gravelly clay	T	-		
BRC21-27	52	54	grey to brown, slightly gravelly clay	T	-		
BRC21-28	54	56	grey to brown, lignitic, very slightly gravelly clay	T	-		
BRC21-29	56	58	brown, slightly lignitic, very slightly gravelly clay	T	-		

BEACONSFIELD MINE JOINT VENTURE

BRC21-30	58	60	brown, slightly lignitic, slightly gravelly clay	T	-		
BRC21-31	60	62	grey clay and grey siltstone	0	0		
BRC21-32/33	62	66	grey to black siltstone, graphitic? shale and grey quartzite	0	1	<0.008	14.0

EOH AT 66m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC22

NORTHING : 5 441 298

EASTING : 483 128

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 11MAY95

DATE COMPLETED : 11MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 68m.

Water struck at 18m.

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM	TO	DOWN HOLE	TRUE	Au	As
metres	metres	LENGTH	THICKNESS	ppM	ppM

319069

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	ASSAYS	
						Au ppm	As ppm
BRC22-1	0	2	light brown to orange sand, gravel and topsoil	T	-		
BRC22-2	2	4	cream sand and gravel	T	-		
BRC22-3	4	6	cream sand and gravel	T	-		
BRC22-4	6	8	light brown sand and gravel	T	-		
BRC22-5	8	10	off white to orange sand and gravel	T	-		
BRC22-6	10	12	light brown clayey sand and gravel	T	-		
BRC22-7	12	14	off white to light brown clayey sand and gravel	T	-		
BRC22-8	14	16	off white sand and gravel	T	-		
BRC22-9	16	18	off white clay, sand and gravel	T	-		
BRC22-10	18	20	light brown to light grey clay	T	-		
BRC22-11	20	22	grey to brown lignitic clay	T	-		
BRC22-12	22	24	grey clay	T	-		
BRC22-13	24	26	grey, slightly gravelly clay	T	-		
BRC22-14	26	28	grey, slightly lignitic gravelly clay	T	-		
BRC22-15	28	30	light grey and brown, slightly gravelly clay	T	-		
BRC22-16	30	32	dark brown lignitic clay	T	-		
BRC22-17	32	34	dark brown to grey clay	T	-		
BRC22-18	34	36	grey clay	T	-		
BRC22-19	36	38	grey clay	T	-		
BRC22-20	38	40	grey, slightly lignitic clay	T	-		
BRC22-21	40	42	grey clay	T	-		
BRC22-22	42	44	grey clay	T	-		
BRC22-23	44	46	grey clay	T	-		
BRC22-24	46	48	grey, very slightly gravelly clay	T	-		
BRC22-25	48	50	grey, very slightly lignitic gravel and clay	T	-		
BRC22-26	50	52	grey gravel and clay and sparse brown clay	T	-		
BRC22-27	52	54	grey gravel and clay, dark brown lignitic clay and grey clay	T	-		
BRC22-28	54	56	grey gravelly clay	T	-		
BRC22-29	56	58	grey gravelly clay	T	-		

EL 7/88 RC DRILL HOLE NUMBER BRC22

319070

BEACONSFIELD MINE JOINT VENTURE

BRC22-30	58	60	grey gravelly clay	T	-		
BRC22-31	60	62	grey to brown gravelly clay	T	-		
BRC22-32	62	64	mid brown lignitic, slightly gravelly clay	T	-		
BRC22-33	64	66	mid brown lignitic, slightly gravelly clay	T	-		
BRC22-34	66	68	mid brown lignitic, slightly gravelly clay	T	-		
BRC22-35	68	70	mid brown lignitic, slightly gravelly clay	T	-		
BRC22-36	70	72	grey to black, slightly fossiliferous siltstone	P	2		
BRC22-37	72	72.8	grey to black, slightly fossiliferous siltstone	P	2		
BRC22-38	72.8	73	grey quartzite recovered in last 20 cm of hole	O	2	<0.008	5.2

EOH AT 73m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC23

NORTHING : 5 441 395

EASTING : 483 157

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 11MAY95

DATE COMPLETED : 11MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 73m.

Water struck at 24m and 54m.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH	TRUE THICKNESS	Au ppM	As ppM
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BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	Au ppm
BRC23-1	0	2	orange sand, gravel and topsoil	T	-	
BRC23-2	2	4	light brown to tan sand and gravel	T	-	
BRC23-3	4	6	off white sand and gravel	T	-	
BRC23-4	6	8	pale brown sand and gravel	T	-	
BRC23-5	8	10	off white sand and gravel	T	-	
BRC23-6	10	12	off white sand and gravel	T	-	
BRC23-7	12	14	off white and orange brown sand and gravel	T	-	
BRC23-8	14	16	off white and orange brown sand and gravel	T	-	
BRC23-9	16	18	cream to grey clay	T	-	
BRC23-10	18	20	grey and sparse brown lignitic clay	T	-	
BRC23-11	20	22	brown lignitic clay and grey clay	T	-	
BRC23-12	22	24	grey and brown lignitic clay	T	-	
BRC23-13	24	26	grey and dark brown lignitic clay	T	-	
BRC23-14	26	28	grey gravelly clay	T	-	
BRC23-15	28	30	grey to dark brown black lignitic clay	T	-	
BRC23-16	30	32	brown lignitic clay	T	-	
BRC23-17	32	34	brown black to light grey clay	T	-	
BRC23-18	34	36	light to mid grey clay	T	-	
BRC23-19	36	38	grey clay	T	-	
BRC23-20	38	40	light to mid grey clay	T	-	
BRC23-21	40	42	light to mid grey clay	T	-	
BRC23-22	42	44	grey brown lignitic clay	T	-	
BRC23-23	44	46	grey clay	T	-	
BRC23-24	46	48	grey gravelly clay	T	-	
BRC23-25	48	50	grey gravelly clay	T	-	
BRC23-26	50	52	grey gravelly clay	T	-	
BRC23-27	52	54	grey gravelly clay	T	-	
BRC23-28	54	56	grey gravelly clay	T	-	
BRC23-29	56	58	grey gravelly clay	T	-	
BRC23-30	58	60	grey gravelly clay	T	-	
BRC23-31	60	62	brown lignitic clay	T	-	
BRC23-32	62	64	brown lignitic clay	T	-	
BRC23-33	64	66	brown lignitic clay	T	-	

EL 7/88 RC DRILL HOLE NUMBER BRC23

319073

BEACONSFIELD MINE JOINT VENTURE

BRC23-34	66	68	brown lignitic clay	T	-
BRC23-35	68	70	brown lignitic clay and grey and brown fossiliferous siltstone	T/P	1
BRC23-36	70	72	grey and brown fossiliferous siltstone	P	1
BRC23-37	72	74	grey and brown fossiliferous siltstone	P	1

EOH AT 74m

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC24

NORTHING : 5 441 503

EASTING : 483 197

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 12MAY95

DATE COMPLETED : 15MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 72m.

Water struck at 14m.

Hole cored from 78m to 123m.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH	TRUE THICKNESS	Au ppM	As ppM
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## BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	A Au ppm
BRC24-1	0	2	tan and brown sand, gravel and topsoil	T	-	
BRC24-2	2	4	tan and orange sand and gravel	T	-	
BRC24-3	4	6	cream sand and gravel	T	-	
BRC24-4	6	8	off white sand and gravel	T	-	
BRC24-5	8	10	off white and tan sand and gravel	T	-	
BRC24-6	10	12	off white sand and gravel	T	-	
BRC24-7	12	14	cream sand and gravel	T	-	
BRC24-8	14	16	cream clay	T	-	
BRC24-9	16	18	mustard sand and gravel and cream clayey sand and gravel	T	-	
BRC24-10	18	20	light brown and tan sand and gravel	T	-	
BRC24-11	20	22	brown and tan lignitic clay	T	-	
BRC24-12	22	24	grey to brown lignitic clay	T	-	
BRC24-13	24	26	grey to brown lignitic clay	T	-	
BRC24-14	26	28	light grey to brown lignitic clay	T	-	
BRC24-15	28	30	light grey and grey brown lignitic clay	T	-	
BRC24-16	30	32	grey clay	T	-	
BRC24-17	32	34	grey clay and dark brown lignitic clay	T	-	
BRC24-18	34	36	grey clay	T	-	
BRC24-19	36	38	grey clay and brown lignitic clay	T	-	
BRC24-20	38	40	light grey, slightly gravelly clay	T	-	
BRC24-21	40	42	light and dark grey, slightly gravelly clay	T	-	
BRC24-22	42	44	grey clay	T	-	
BRC24-23	44	46	grey, slightly gravelly clay	T	-	
BRC24-24	46	48	light grey, slightly gravelly clay	T	-	
BRC24-25	48	50	grey gravelly, slightly lignitic clay	T	-	
BRC24-26	50	52	grey gravelly, slightly lignitic clay	T	-	
BRC24-27	52	54	grey gravelly, slightly lignitic clay	T	-	
BRC24-28	54	56	grey gravelly, slightly lignitic clay	T	-	
BRC24-29	56	58	grey gravelly, slightly lignitic clay	T	-	
BRC24-30	58	60	grey gravelly, slightly lignitic clay	T	-	
BRC24-31	60	62	grey gravelly, slightly lignitic clay	T	-	
BRC24-32	62	64	brown lignitic clay	T	-	

EL 7/88 RC DRILL HOLE NUMBER BRC24

319076

BEACONSFIELD MINE JOINT VENTURE

BRC24-33	64	66	brown lignitic clay	T	-
BRC24-34	66	68	brown lignitic clay	T	-
BRC24-35	68	70	brown lignitic clay	T	-
BRC24-36	70	72	brown lignitic and light grey clay	T	-
BRC24-37	72	74	green, brown, white and grey gravel	T	-
BRC24-38	74	76	green, brown, white and grey gravel	T	-
BRC24-39	76	78	grey mudstone	P	0

CORE  
RECOVERY

78.0 97.0 BROWN AND BLACK MUDSTONE AND SHALE P 100%

Very fossiliferous black and brown mudstone and shale with rare bands of interbedded quartzite; the mudstone and shale beds occasionally include pebbles of green, white and grey quartzite; fossils include *Fenestella* and brachiopods.

BCA is high, averaging 90 degrees.

Contact with the next interval is gradational.

97.0 123.0 BROWN AND BLACK MUDSTONE AND SHALE P 100%

As between 78.0m and 97.0m but with fewer fossils present as sparse fossil fragments ; occasional included pebbles of grey, white and green quartzite are present rarely accumulating to abundance e.g. between 112.2m and 112.3m.

BCA is high, averaging 90 degrees.

The mudstone has completely disaggregated

BEACONSFIELD MINE JOINT VENTURE

since it has been exposed.

EOH AT 123.0m.

EL 7/88 RC DRILL HOLE NUMBER BRC24

319078

BEACONSFIELD MINE JOINT VENTURE

HOLE NUMBER : BRC25

NORTHING : 5 440 776

EASTING : 482 341

RL : -

COORDINATE SYSTEM: Universal Transverse Mercator

SURVEY METHOD : GPS

SURVEYOR : Ian Green (Campbell Smith, Phelps, Pedley Pty Ltd)

DATE COMMENCED : 16MAY95

DATE COMPLETED : 19MAY95

DRILLED BY : Diamond Drilling Tasmania

LOGGED BY : Mick McKeown (McKeown Mining Pty Ltd)

COMMENTS

The collar of this hole was located using GPS equipment. Northings and eastings should be considered as +/- 5 to 10m. Elevations were reported by the surveyor but cannot be relied upon: the elevation for this hole was reported as 72m.

Water struck at 24m: Tertiary water table

Water struck at 73m: Ordovician water table

Analyses were performed by Analabs (Burnie), gold by fire assay.

SIGNIFICANT INTERSECTIONS

FROM metres	TO metres	DOWN HOLE LENGTH m	TRUE THICKNESS m	Au ppM	As ppM
76.0	83.0	7	?	3	<0.008

BEACONSFIELD MINE JOINT VENTURE

SAMPLE NO	FROM m	TO m	DESCRIPTION	STRAT	CHIP RECOVERY	A Au ppm
BRC25-1	0	2	light brown sand, gravel and topsoil	T	-	
BRC25-2	2	4	orange and brown sand and gravel	T	-	
BRC25-3	4	6	light brown to orange sand and gravel	T	-	
BRC25-4	6	8	cream to orange sand and gravel	T	-	
BRC25-5	8	10	cream to orange sand and gravel	T	-	
BRC25-6	10	12	cream to orange sand and gravel	T	-	
BRC25-7	12	14	light brown, slightly clayey sand and gravel	T	-	
BRC25-8	14	16	off white sand and gravel	T	-	
BRC25-9	16	18	off white sand and gravel and grey gravelly clay	T	-	
BRC25-10	18	20	grey gravelly clay	T	-	
BRC25-11	20	22	grey to brown lignitic gravelly clay	T	-	
BRC25-12	22	24	grey to brown lignitic gravelly clay	T	-	
BRC25-13	24	26	grey to brown lignitic gravelly clay	T	-	
BRC25-14	26	28	mid brown to dark brown gravelly clay	T	-	
BRC25-15	28	30	dark brown lignitic clay	T	-	
BRC25-16	30	32	brown lignitic clay and grey clayey sand and gravel	T	-	
BRC25-17	32	34	grey clayey sand and gravel	T	-	
BRC25-18	34	36	dark brown, very lignitic clay	T	-	
BRC25-19	36	38	dark brown, very lignitic clay and cream mudstone	O	-	
BRC25-20	38	40	off white to light grey mudstone	O	0	<0.008
BRC25-21	40	42	off white to light grey mudstone	O	0	<0.008
BRC25-22	42	44	light to mid grey siltstone	O	0	<0.008
BRC25-23	44	46	light to mid grey siltstone	O	0	<0.008
BRC25-24	46	48	grey mudstone	O	0	<0.008
BRC25-25	48	50	grey mudstone	O	0	<0.008
BRC25-26	50	52	grey mudstone	O	0	<0.008
BRC25-27	52	54	grey to off white mudstone	O	0	<0.008
BRC25-28	54	56	grey siltstone	O	1	<0.008
BRC25-29	56	58	grey siltstone	O	1	<0.008
BRC25-30	58	60	grey siltstone	O	1	<0.008

EL 7/88 RC DRILL HOLE NUMBER BRC25

319080

BEACONSFIELD MINE JOINT VENTURE

BRC25-31	60	62	light to mid grey siltstone	0	2	<0.008
BRC25-32	62	64	light to mid grey siltstone	0	2	<0.008
BRC25-33	64	66	light to mid grey siltstone	0	1	<0.008
BRC25-34	66	67	black siltstone with sparse pyrite	0	2	<0.008
BRC25-35	66	69	dark grey siltstone with sparse pyrite	0	2	<0.008
BRC25-36	68	71	dark grey siltstone with sparse pyrite	0	2	<0.008
BRC25-37	70	73	dark grey siltstone with sparse pyrite and trace milky white quartz	0	2	<0.008
BRC25-38	72	75	dark grey siltstone with trace pyrite	0	2	<0.008
BRC25-39	74	77	dark grey siltstone with trace pyrite	0	2	<0.008
BRC25-40	76	79	black siltstone and milky white quartz with sparse to minor pyrite	0	3	<0.008
BRC25-41	79	81	black siltstone and milky white quartz with sparse to minor pyrite	0	3	<0.008
BRC25-42	81	83	dark grey siltstone and sparse milky white quartz with trace pyrite	0	2	<0.008
BRC25-43	83	85	dark grey siltstone with sparse pyrite	0	2	<0.008

CORE  
RECOVERY

85.0 118.8 GREEN GREY, GREY AND BLACK SILTSTONE & SHALE 0

Dark grey, dark green grey and black shale and siltstone with wispy, partly discontinuous bedding; trace quartz as fine stringers and veinlets at 45 to 60 degrees to the core axis, not always concordant to bedding; trace pyrite as rare blebs, up to 2cm X 1cm, and veinlets; trace cream clay on some fractures.

Quartz veinlets become less common towards 180.0m at which depth they are very rare.

BCA ranges from 20 to 45 degrees and averages 30 degrees.

BEACONSFIELD MINE JOINT VENTURE

118.8m-120.8m: zone of siltstone with common  
vuggy quartz veinlets,  
associated with breccia from  
1198m to 120.0m.

134.9m-135.5m: milky white quartz vein with  
common green chlorite and  
common included rock breccia.

EOH AT 180.0m.

EL 7/88 RC DRILL HOLE NUMBER BRC25

319082