

000

DISC

181001

ALLSTATE EXPLORATIONS N.L.

REPORT ON AUGER AND ROTARY DRILLING

ON E.L. 17/73

BEACONSFIELD

**MICROFILMED**

LINES 1-3

HOLES RB1-RB52

16TH MAY - 12TH JUNE, 1979

T.E. BATES  
SENIOR GEOLOGIST

LIST OF CONTENTS

- 1) SUMMARY
- 2) INTRODUCTION
- 3) NOTES ON DRILLING AND SAMPLING TECHNIQUES
- 4) DISCUSSION OF RESULTS
- 5) RECOMMENDATIONS FOR FURTHER WORK
- 6) APPENDIX 1  
DRILL LOGS AND ANALYTICAL RESULTS
- 7) MAPS AND SECTIONS

0.4

LIST OF MAPS AND PLANS

- 1) SECTIONS LINE 1 AND 2 SHOWING GEOLOGY, SAMPLE LOCATIONS AND GEOCHEMISTRY
- 2) GEOLOGY & LOCATION MAP LINES 1 AND 2 WESTERN END TASMANIA REEF
- 3) GEOLOGY AND LOCATION MAP LINE 3 BRANDY CREEK
- 4) SECTIONS LINE 3, GEOLOGY SAMPLE LOCATION AND GEOCHEMISTRY

003

SUMMARY

A total of 52 holes aggregating 726 metres were drilled. Drilling was carried out on 22 days giving an average rate of progress of 33 metres per day.

This drilling program at Beaconsfield has shown that a combination of auger and rotary drilling is an effective means of carrying out geochemical bed rock sampling in the area. The rotary drilling provides an effective and reasonably complete sample from depths down to at least 30 metres.

Rotary drilling will provide an adequate sample from quartz veins, however drilling any large veins would probably be more effective using a percussion drill.

The orientation survey on Lines 1 and 2 showed that the main Tasmania Reef has a significant geochemical halo on either side of its position, as indicated by our earlier geochemical investigations of core obtained from diamond drilling of the reef. Some of the halo is probably distributed in debris eroded from the reef and occurring on the old buried surface on either side of the reef.

The results of drilling on Line 3 - Brandy Creek area have shown that mineralised quartz veins may be associated with the linear features selected as having structural similarity to the Tasmania Reef.

In view of the results of this program it is recommended that drilling of other selected linear features be undertaken.

004

INTRODUCTION

In April 1979 a small program of bedrock geochemical sampling was planned to test for possible repetitions of the Tasmania Reef in the Beaconsfield area. The program was planned in two parts;

- 1) Two lines of holes over the western end of the Tasmania Reef where alluvial cover was assumed to be thinnest. These two lines were chosen as an orientation survey to test various drilling and sampling methods, and to give some idea of the nature and magnitude of any geochemical anomalies that would occur around significantly mineralised quartz veins.
- 2) Two lines of holes drilled to cross zones considered to exhibit structural similarities to the Tasmania Reef area.

Holes were spaced at an interval of ten metres and planned to penetrate to an average depth of ten metres.

Drilling commenced on 16th May using a Gemco Drill rig and auger and rotary drilling methods. Due to slower progress than anticipated and the need to drill deeper holes than planned the program was terminated on 12th June after completing 52 holes on three lines.

NOTES ON DRILLING AND SAMPLING TECHNIQUES

It was initially planned to carry out auger drilling through overburden until bedrock was reached. It was ~~then~~<sup>also</sup> planned to use rotary drilling to obtain about a 1 metre sample of bedrock for geochemical analysis. This procedure had to be changed because the basement sandstones are very weathered, and the alluvial material overlying them is derived from similar basement material. It is hence virtually impossible to accurately locate the alluvial/basement contact using auger or rotary drilling.

Auger drilling proved fast and effective to a depth of about 9 metres after which it became difficult to pick the thickness of various horizons penetrated. Past this depth it also became slower than rotary drilling unless the drill was still in soft clays.

005

In practise auger drilling was generally stopped due to the inability of the auger to penetrate at an effective rate. This varied between 2 and 16 metres but averaged about 6.0 metres.

Rotary drilling was carried out using NQ rods and air provided by two small Atlas Copco Compressors. Rotary and drag bits were tried with the former generally proving more effective. Initially a small tricone bit was used but clearance between hole walls and rods was insufficient and poor sample return and blocking of the holes occurred. A larger tricone bit was used and the larger hole size provided a better sized sample and also removed the clogging problem. However, the small compressors proved unable to effectively lift the sample from depths below about 20 metres. A large Gardner Denver Compressor was then obtained and from then on no problems were encountered either clearing the hole or lifting sample.

Samples were collected where required from the auger cuttings by taking a grab sample from the cuttings representing a particular horizon. Only some of the horizons were sampled.

After the first few holes were completed it proved most convenient to sample nearly all of the rotary drilling carried out. Most samples collected represented a length of 1.5 metres.

Initially sampling was carried out by placing a broad flat tray with a hole in the centre over the collar of the hole and allowing the sample to fall back onto the tray. This method proved ineffective and slow as rods had to be uncoupled to remove the tray and only about 40-60% of the sample was recovered. To overcome these problems an iron collar was made to fit over the hole. Rods passed through a rubber seal and the sample discharged through a side vent into a large moderately loose weave polythene sack. This method proved much more effective collecting about 80-90% of the sample, (there was some loss from around the seal and under the collar), and also proved much faster. The seal is porous enough to allow all air, (and some dust), to discharge, and also water if the sample was wet. Wet samples were adequately handled provided there was ample water available to wash the sacks between sampling.

006

Samples from each run averaged about 20 kilograms in weight. Each was split through a riffle splitter and half was dumped. The remaining sample was split again and if sufficiently large a further half was dumped. The remaining sample was passed through the riffle splitter until one sample ranging between 500 and 1000 grams was obtained leaving a residue of between 5 and 10 kilograms. About 60% of the small samples were despatched to S.G.S. Australia Pty Limited in Sydney where they were analysed by A.A.S. for Au, Ag, As, Cu, Pb and Zn. The remaining 40% of sample together with all the residues was retained for future reference.

### DISCUSSION OF RESULTS

In general, the drilling indicated that the basement of Transition Sandstone is deeply weathered in this area. It is overlain by scree derived from similar lithologies which is also deeply weathered. It is hence virtually impossible to accurately position the scree basement contact. Drilling on Line 1 indicates that weathering extends to at least 30 metres depth. Information from diamond drilling in the area, the exposed walls of pits, and old records indicate that strong weathering probably persists to at least 75 metres depth.

On Line 1 the scree is overlain by a sequence of clays and silts, the upper members of which have undergone lateritic weathering. Within this sequence are thin layers of gravel that appear to be, at least in part, water worn. This sequence appears to thicken in a northerly direction on Line 1 and probably represents part of the Deep Lead sediments. These silts and clays are poorly developed on Line 2 to the west and on Line 3 in the Brandy Creek area.

Results of analysis are discussed for each line.

#### Line 1

Two main anomalous zones show up on Line 1.

The first is a blanket-like zone extending from holes RB2 to RB8. The zone occurs at a depth of 6 metres and is up to 5 metres thick. It is weakly to strongly anomalous in gold and arsenic and contains scattered anomalous copper, silver and lead values.

007

The most strongly anomalous area is centred on RB5 and RB6 with a maximum value of 38.4 ppm Au being obtained from RB6. The Tasmania Reef should cut the drill line between RB5 and RB6 and the anomalies are hence probably related to this reef and detritus shed from it. In spite of this assumption it is noteworthy that there is only a minor amount of vein quartz recorded as chips from this blanket-like anomalous zone.

The second significant anomalous zone is located in the lower 5 to 18 metres of holes RB8, RB9, RB10 and RB11 with the highest values being obtained from RB9 where values between 1.91 and 6.20 ppm Au are found over 7.5 metres. This hole seems to have passed close to, probably just to the north of, a significantly mineralised horizon which is shedding mineralised material down hill to the north, (RB10, 11). The weaker anomalous Au and As values in the lower part of RB8 probably represent a geochemical halo on the hanging wall side of the mineralised horizon. Orange ferruginous sand with some quartz chips is recorded from the most anomalous zones in RB9 and RB10 and may be caused by the weathering of sulphides in the mineralised zone. In addition to being anomalous in Au and As this zone is also significantly anomalous in Ag, Cu and Zn.

When the holes on Line 1 are projected south onto Section DD it appears that the blanket shaped zone centred on RB5 and RB6 is just above the main working in the Florence section on the Tasmania Reef. The anomalous zone in RB9, 10, 11 is most probably related to working above No. 2 level in the Florence section on a branch vein of the Tasmania Reef. No mineralisation is indicated in a Footwall cross cut from the No. 3 level Florence in the area beneath this anomaly, so it is most likely related to the higher workings unless it is near the west end of an unworked vein with a strong easterly plunge.

Line 2

Line 2 was positioned to cross the western end of the Tasmania Reef at about RB22 to RB23. The line was also positioned to cut the projected extension to the surface of a pyritic gold bearing reef reported in the Bonanza Shaft and in a hanging wall cross cut on 500 level. This projection should have reached surface between RB13 and RB14. In addition the northern end of the line should have cut a linear target, numbered No. 12 on earlier mapping.

008

Weak but significantly anomalous gold values and moderately strong arsenic and weak lead values occur in the lower part of RB23, RB24 and RB25. When the holes are projected a short distance east onto section CC they indicate the anomalies occur above the No. 2 level Tasmania Reef near old workings. These old workings probably are the reason that several holes on this part of the line have terminated in cavities. As no significant vein quartz chips were located the anomaly probably represents a halo near the mineralised Tasmania Reef.

Significant but weak gold and arsenic values also occur in holes RB26, 27, 28 and 29. No significant vein quartz occurs in these holes and the anomalies seem to occur in weathered basement sandstone. They could represent a halo about a mineralised quartz vein related to lineament No. 12, or may represent a transported halo in superficial weathered scree.

Line 3

Line 3 is situated across Brandy Creek where it crosses lineament No. 15.

One significant anomaly occurs on the line situated in hole RB35. Gold values up to 1.5 ppm with arsenic up to 600 ppm occur in a sample from a massive quartz vein containing abundant fine pyrite. A very weak gold anomaly occurs in RB36 to the north in samples from which some vein quartz chips were obtained. This anomaly occurs where lineament No. 15 crosses the drill line. A short distance to the north east a small shaft occurs with gossanous vein quartz on the dump. Samples of this material have assayed up to 11.7 ppm Au.

A very weak gold anomaly occurs in RB41 in the bed of Brandy Creek. This anomaly is probably due to contamination of samples low in the hole by recent stream gravels which are known to be gold bearing and occur in the upper part of the hole.

Some other samples have returned very weak gold values, most noticeably from holes RB46, 47 and 48. Some of the anomalous samples contain some vein quartz chips but as no geochemical response is obtained from any element other than gold these anomalous results are not considered significant.

009

RECOMMENDATIONS FOR FURTHER WORK

The following additional work is recommended to test possible fracture zones approximately parallel to the Tasmania Reef, that may contain mineralised quartz veins.

- 1) Line 4 as planned for the initial program should be completed. This line is situated in part on Bleazards claim 5M/76, to the east of the North Tasmania mine, which is rumoured to be situated on an easterly striking quartz vein. Mapping has also indicated the possibility of a major east - northeasterly fault intersecting this area. The line has about 26 drill sites and will require about 400 metres of drilling.
- 2) Lineament 5. This lineament strikes north east. Old geological mapping in this area indicates a possible fault in the position of the lineament but no evidence could be found for such a fault during recent mapping. About 20 holes are required to cover the area involving about 300 metres of drilling.
- 3) Lineament 6. This lineament is a short distance north of and parallel to lineament No. 5. It is the most prominent lineament in the licence and cuts through the saddle in the crest of Cabbage Tree Hill. A line of approximately 20 holes totalling approximately 300 metres is required.
- 4) Additional holes could be drilled on the north end of lines 1 and 2. This would involve approximately 10 holes totalling about 250 metres.
- 5) In addition to this drilling it is recommended that 3 or 4 holes next to the strongly anomalous holes be set up on again and cored until the anomalous zones are encountered down dip. Approximately 75-100 metres of core drilling would be required. This drilling should be carried out in holes RB5, RB8, RB24 and RB34.

010

APPENDIX 1  
DRILL LOGS & ANALYTICAL RESULTS

Sheet No 1  
 Hole No RB1 Line 1  
 Length of Hole 10 m

Property Beaconsfield, Tasmania.  
 Licence No E.L. 17/73  
 From To Date 16.5.79

011

| From | To   | Auger Drilling to 8.2 m. Rotary to 10.0 m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 ppm shown<br>Description of core as -.<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |     |    |
|------|------|--|-----------|---------|------|--------|-----------------|----|-----|----|
|      |      |  |           | From    | To   |        | Au              | Ag | As  | Cu |
| 0    | 0.5  | Soil, black, sandy rock fragments (Fill?)  |           |         |      |        |                 |    |     |    |
| 0.5  | 2.0  | Sandy gritty clay, yellow brown, rock fragments (Fill).  |           |         |      |        |                 |    |     |    |
| 2.0  | 2.5  | Silty clay, dark brown, soft sticky-common organic material, buried soil.  |           |         |      |        |                 |    |     |    |
| 2.5  | 3.0  | Clayey soil-orange brown, weathered sdstn fragments.   |           |         |      |        |                 |    |     |    |
| 3.0  | 4.8  | Clay dark yellow grey brown, gets paler with depth and stickier (cf above)   |           |         |      |        |                 |    |     |    |
| 4.8  | 7.0  | Sandy clay, light yellow, pale weathered sdstn fragments.  | AS201     | 6.0     | -    | -      | -               | -  | 25  | 58 |
| 7.0  | 8.2  | Sandy clay as above gets firmer with more pale weathered sdstn fragments<br>(Probably weathered basement)  |           |         |      |        |                 |    |     |    |
| 8.2  | 10.0 | Sandstone, pale yellow grey, very weathered.   | AS202     | 8.2     | 10.0 | 1.8    | -               | -  | 180 | 27 |
|      |      | E.O.H.   |           |         |      |        |                 |    |     |    |

191012

Sheet No. 1  
 Hole No. RB2 Line 1  
 Length of Hole 11.5 m

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From ..... To ..... Date 17.5.79

012

| From | To   | Auger Drilling to 8.8.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 ppm shown<br>Description of core as - .<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |     |    |  |
|------|------|---|-----------|---------|------|--------|-----------------|----|-----|----|--|
|      |      |   |           | From    | To   |        | Au              | Ag | As  | Cu |  |
| 0    | 1.0  | Clayey soil, sandy, dark brown.   |           |         |      |        |                 |    |     |    |  |
| 1.0  | 4.0  | Clay, reddish brown, firm and sticky, minor weathered sdstn fragments.  |           |         |      |        |                 |    |     |    |  |
| 4.0  | 5.0  | Sandy clay, yellow brown could be very weathered sdstn.   |           |         |      |        |                 |    |     |    |  |
| 5.0  | 6.0  | Sand with some silt and clay bright yellowish.  | AS203     | 5.0     | 6.0  | 1.0    | -               | -  | 50  | 39 |  |
| 6.0  | 8.8  | Sandy silts with clay yellow, drilling gets firmer.   | AS204     | 8.0     | -    | -      | -               | -  | 390 | 39 |  |
| 8.8  | 9.0  | Quartz vein   | AS205     | 8.8     | 9.0  | 0.2    | -               | -  | 230 | 28 |  |
| 9.0  | 11.5 | Weathered sandstone-yellowish, occasional vein quartz chips   | AS206     | 9.0     | 11.5 | 2.5    | 0.03            | -  | 520 | 35 |  |
|      |      | E.O.H.  |           |         |      |        |                 |    |     |    |  |

191013

Sheet No 1  
 Hole No RB3 Line 1  
 Length of Hole 11.5 m

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From To Date 17.5.79

013

| From | To   | Auger Drilling to 6.0 m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 ppm shown<br>Description of core as -. | Sample No | Footage |      | Length | Core assays ppm |    |     |    |
|------|------|--|-----------|---------|------|--------|-----------------|----|-----|----|
|      |      |  |           | From    | To   |        | Au              | Ag | As  | Cu |
| 0.   | 1.0  | Clay and rock fragments-red brown (fill)   |           |         |      |        |                 |    |     |    |
| 1.0  | 3.4  | Clay, red brown, stiff and sticky minor yellow mottles   |           |         |      |        |                 |    |     |    |
| 3.4  | 4.3  | Sandy clay, dark yellow brown mottled reddish, crumbly. Some yellowish weathered sdstn chips, minor vein quartz chips  |           |         |      |        |                 |    |     |    |
| 4.3  | 6.0  | Silty clayey sand, bright orange yellow. Probably weathered sandstone.   | AS207     | 4.3     | 6.0  | 1.7    |                 |    |     |    |
| 6.0  | 9.0  | Sand, fine, yellow, probably very weathered sandstone quartz vein 8.7 to 8.85.   | AS208     | 6.0     | 9.0  | 3.0    | 0.02            | -  | 380 | 26 |
| 9.0  | 11.5 | Sand, fine, soft silty, yellow-has some vein quartz chips-weathered sandstone.   | AS209     | 9.0     | 11.5 | 2.5    | 0.10            | -  | 520 | 33 |
|      |      | E.O.H.   |           |         |      |        |                 |    |     |    |

191014

Sheet No 1  
 Hole No RB4 Line 1  
 Length of Hole 14.7 m

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From To Date 18.5.79

014

| From | To   | Auger to 9.0.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown<br>Description of core as - Hole Vertical            | Sample No | Footage |      | Length | Core assays ppm |    |      |    |
|------|------|---|-----------|---------|------|--------|-----------------|----|------|----|
|      |      |   |           | From    | To   |        | Au              | Ag | As   | Cu |
| 0    | 1.8  | Sandy fill - yellow grey  |           |         |      |        |                 |    |      |    |
| 1.8  | 4.0  | Clay, red brown, stiff and sticky minor yellow mottles  | AS210     | 3.0     |      |        |                 |    |      |    |
| 4.0  | 4.6  | Silty sand bright orange yellow, soft   | AS211     | 4.0     | 4.6  | 0.6    | -               | -  | 80   | 16 |
| 4.6  | 5.8  | Silty sand some clay dark yellow brown, paler patches   | AS212     | 4.6     | 5.8  | 1.2    |                 |    |      |    |
| 5.8  | 6.5  | Silty clay to silty sand dark yellow brown crumbly  | AS213     | 5.8     | 6.5  | 0.7    | 0.04            | -  | 480  | 18 |
| 6.5  | 9.0  | Silty sand some clay yellow to yellow brown soft crumbly, could be very wth'd sdstn   | AS214     | 8.5     |      |        | 0.02            | -  | 660  | 31 |
| 9.0  | 10.8 | Silty sand, bright yellow brown, soft, a few quartz chips   | AS215     | 9.0     | 10.8 | 1.8    | 0.24            | -  | 1300 | 57 |
| 10.8 | 14.7 | No return, Rods travel down hole easily but will not fall under own weight. No air return or sample. Probably entered old workings either collapsed or partly filled with loose debris. |           |         |      |        |                 |    |      |    |
|      |      | E.O.H.  |           |         |      |        |                 |    |      |    |

191015

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB5 Line 1  
 Length of Hole 12.0 m

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From ..... To ..... Date 18.5.79

015

| From | To   | Auger to 9.0<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown as -<br>Description of core<br>Hole Vertical | Sample No | Footage |      | Length | Core assays ppm |    |     |    |
|------|------|--|-----------|---------|------|--------|-----------------|----|-----|----|
|      |      |  |           | From    | To   |        | Au              | Ag | As  | Cu |
| 0    | 0.3  | Soil stones, dark brown (fill)   |           |         |      |        |                 |    |     |    |
| 0.3  | 1.0  | Clay, red brown to dark grey brown, mottled grey, ferruginous patches firm and sticky.   |           |         |      |        |                 |    |     |    |
| 1.0  | 1.5  | Silty sand fine soft bright orange yellow possibly fill to here.   |           |         |      |        |                 |    |     |    |
| 1.5  | 2.8  | Clay red, streaked and mottled yellow brown and grey, finely laminated, firm and sticky  | AS216     | 1.5     | 2.8  | 1.3    |                 |    |     |    |
| 2.8  | 3.5  | Silty sand soft bright orange yellow   | AS217     | 2.8     | 3.5  | 0.7    |                 |    |     |    |
| 3.5  | 6.3  | Clay red brown-yellow brown and grey streaks & mottles. Firm and sticky<br>Thin silty layer in middle.   | AS218     | 5.0     | -    | -      |                 |    |     |    |
| 6.3  | 6.8  | Silty clay pale yellowish grey   | AS219     | 6.3     | 6.8  | 0.5    |                 |    |     |    |
| 6.8  | 7.5  | Silty clay as above darker with more silty horizons  | AS220     | 6.8     | 7.5  | 0.7    | 0.85            | -  | 610 | 30 |
| 7.5  | 9.0  | Silty sand, bright yellow soft   | AS221     | 7.5     | 8.2  | 0.7    | 0.45            | -  | 920 | 38 |
| 9.0  | 10.4 | Silty sand soft pale yellow to yellow brown, Probably very weathered sandstone or sdstn scree.   | AS222     | 9.0     | 10.2 | 1.2    | 0.41            | -  | 710 | 45 |
| 10.4 | 11.2 | Sand, pale grey to yellow grey chips weathered sandstone (basement sdstn?)   | AS223     | 10.4    | 11.2 | 0.8    | 0.04            | -  | 290 | 30 |
| 11.2 | 12.0 | No sample return no air return but rods not blocked off. In cavity.  |           |         |      |        |                 |    |     |    |
|      |      | E.O.H.   |           |         |      |        |                 |    |     |    |

191016

Sheet No 1  
 Hole No RB6 Line 1  
 Length of Hole 21.0 m.

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From ..... To ..... Date 21.5.79

016

| From | To   | Auger to 18.0m<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown as -<br>Description of core<br>Hole Vertical | Sample No | Footage |      | Length | Core assays ppm |     |     |    |
|------|------|--|-----------|---------|------|--------|-----------------|-----|-----|----|
|      |      |  |           | From    | To   |        | Au              | Ag  | As  | Cu |
| 0    | 0.5  | Fill   |           |         |      |        |                 |     |     |    |
| 0.5  | 2.5  | Clay red to red brown, minor grey and yellow brown streaks firm and sticky.  |           |         |      |        |                 |     |     |    |
| 2.5  | 4.1  | Clay-brick red, slightly silty and crumbly.  | AS224     | 2.5     | 4.1  | 1.6    | 0.06            | -   | 40  | 12 |
| 4.1  | 4.2  | Clay pale grey to yellowish grey firm and sticky.  |           |         |      |        |                 |     |     |    |
| 4.2  | 5.4  | Silty clay yellow to yellow red brown, crumbly.  | AS225     | 4.2     | 5.4  | 1.2    |                 |     |     |    |
| 5.4  | 5.8  | Silty clay pale grey mottled yellow brown.   |           |         |      |        |                 |     |     |    |
| 5.8  | 6.9  | Silty clay red brown to yellow brown.  |           |         |      |        |                 |     |     |    |
| 6.9  | 7.6  | Silty clay, yellow brown large patches grey clay   | AS226     | 6.9     | 7.6  | 0.7    |                 |     |     |    |
| 7.6  | 8.0  | Silty clay pale grey streaked yellow.  | AS227     | 7.6     | 8.0  | 0.4    | 0.22            | -   | 660 | 29 |
| 8.0  | 9.0  | Silty clay yellow brown becoming yellow grey.  | AS228     | 8.0     | 9.0  | 1.0    |                 |     |     |    |
| 9.0  | 9.8  | Silty clay brown to brown yellow some small fragments sandstone.   |           |         |      |        |                 |     |     |    |
| 9.8  | 10.5 | Silty sand with minor clay. Soft-bright yellow, yellow brown, some rock fragments.   | AS229     | 9.8     | 10.5 | 0.7    | 38.4            | 3.5 | 720 | 46 |
| 10.5 | 17.0 | Clay slightly silty, pale brown grey becoming more grey with depth. Soft and sticky.   | AS230     | 11.0    |      |        | 0.09            | -   | 390 | 11 |
|      |      |  | AS231     | 16.0    |      |        | 0.02            |     | 180 | 29 |
| 17.0 | 18.0 | Sandy clay pale yellow grey  |           |         |      |        |                 |     |     |    |
| 18.0 | 19.5 | Sandy silt pale yellow grey abundant fragments pale grey to yellow grey with sdstn. (basement?)  | AS232     | 18.0    | 19.5 | 1.5    | -               | -   | 100 |    |
| 19.5 | 21.0 | Sandy silt as above.   | AS233     | 19.5    | 21.0 | 1.5    | -               | -   | 45  |    |

E.O.H.

191017

Sheet No 1  
 Hole No RB7 Line 1  
 Length of Hole 21.0 m

Property Beaconsfield, Tasmania  
 Licence No E.L.17/73  
 From To Date 22.5.79 <sup>017</sup>

191018

| From | To   | Auger 15.5.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown as -<br>Description of core | Sample No | Footage |      | Length | Core assays ppm |    |     |    |
|------|------|--|-----------|---------|------|--------|-----------------|----|-----|----|
|      |      |  |           | From    | To   |        | Au              | Ag | As  | Cu |
| 0    | 0.5  | Fill brown clay and stones.  |           |         |      |        |                 |    |     |    |
| 0.5  | 1.1  | Clay orange brown crumbly, could be fill.  |           |         |      |        |                 |    |     |    |
| 1.1  | 2.5  | Clay brick red, soft sticky, patches firm pale grey and yellow grey clay.  |           |         |      |        |                 |    |     |    |
| 2.5  | 4.7  | Clay orange red brown, soft and crumbly.   | AS234     | 4.5     |      |        |                 |    |     |    |
| 4.7  | 6.5  | Clay orange red brown, streaked grey and brick red firm. Common partly weathered sandstone fragments and quartz chips.                                       | AS235     | 6.0     | 6.5  | 0.5    |                 |    |     |    |
| 6.5  | 7.8  | Clay orange brown with zones of soft sticky yellow clay. Some streaked grey and red.   |           |         |      |        |                 |    |     |    |
| 7.8  | 8.3  | Clay orange yellow, firm sticky. Streaked pale grey.   | AS236     | 7.8     | 8.3  | 0.5    |                 |    |     |    |
| 8.3  | 9.0  | Clay orange brown soft crumbly   |           |         |      |        |                 |    |     |    |
| 9.0  | 9.3  | Clay and gravel. Yellow brown silty clay with pea sized sub angular chips quartz and moderately weathered sandstone.   | AS237     | 9.0     | 9.3  | 0.3    | 0.00            | -  | 500 | 45 |
| 9.3  | 9.4  | Clay pale yellow grey soft silty sticky  |           |         |      |        |                 |    |     |    |
| 9.4  | 11.0 | Silty clay, yellow brown to pale yellow grey brown soft sticky.  |           |         |      |        |                 |    |     |    |
| 11.0 | 14.0 | Silty sandy clay, yellow grey to pale grey soft.   | AS238     | 12.0    |      |        |                 |    |     |    |
| 14.0 | 15.2 | Silty sandy clay as above but darker brown.  |           |         |      |        |                 |    |     |    |
| 15.2 | 15.5 | Silty clay, greenish grey brown, crumbly tight drilling.   |           |         |      |        |                 |    |     |    |
| 15.5 | 16.5 | Silty sand pale yellow grey, soft sparse rock chips (weathered basement?)  | AS239     | 15.5    | 16.5 | 1.0    | 0.0             | -  | 120 | 21 |
| 16.5 | 18.0 | Silty sand as above drilling getting harder.   | AS240     | 16.5    | 18.0 | 1.5    | -               | -  | 140 | 21 |
| 18.0 | 19.5 | Silty sand as above sandstone chips less weathered grey to grey brown.   | AS241     | 18.0    | 19.5 | 1.5    | -               | -  | 140 | 11 |
| 19.5 | 21.0 | Silty sand as above poor sample return. Eventually loose air and sample return, rocks jam cavity?. Hole abandoned.<br>E.O.H.                                 | AS242     | 19.5    | 21.0 | 1.5    | 0.02            | -  | 230 | 26 |

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No .1  
 Hole No... RB8.. Line 1.  
 Length of Hole .....18.0 m.

Property... Beaconsfield, Tasmania  
 Licence No... E.L.17.73  
 From ..... To ..... Date... 23.5.79

191019018

| From | To   | Auger to 7.5 m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown as -<br>Description of core                   | Sample No | Footage |      | Length | Core assays PPM |     |     |    |  |
|------|------|--|-----------|---------|------|--------|-----------------|-----|-----|----|--|
|      |      |  |           | From    | To   |        | Au              | Ag  | As  | Cu |  |
| 0    | 0.3  | Fill brown soil, sand, stones.   |           |         |      |        |                 |     |     |    |  |
| 0.3  | 0.5  | Clay red brown soft sticky.  |           |         |      |        |                 |     |     |    |  |
| 0.5  | 2.6  | Clay, brick red getting darker. Firm to hard.  |           |         |      |        |                 |     |     |    |  |
| 2.6  | 3.2  | Silty clay, brick red soft crumbly.  |           |         |      |        |                 |     |     |    |  |
| 3.2  | 4.0  | Silty sand orange brown changing rapidly to yellow, soft with sub angular quartz grit.   | AS243     | 3.2     | 4.0  | 0.8    | 0.10            | -   | 10  | 22 |  |
| 4.0  | 5.2  | Clay reddish brown, soft silty.  |           |         |      |        |                 |     |     |    |  |
| 5.2  | 7.0  | Silty clay, dark grey brown with abundant angular chips wth'd sdstn and quartz (could be fill). From 5.3 auger making loud metallic scream. Sounds like rubbing against iron rail. |           |         |      |        |                 |     |     |    |  |
| 7.0  | 7.5  | Silty sand, bright orange yellow soft.   | AS244     | 7.0     | 7.5  | 0.5    | 1.86            | 1.0 | 350 | 45 |  |
| 7.5  | 7.8  | Silty sand as above.   |           |         |      |        |                 |     |     |    |  |
| 7.8  | 9.2  | Silty clay pale grey soft sticky.  |           |         |      |        |                 |     |     |    |  |
| 9.2  | 10.6 | Silt hard and gritty at top passes into soft yellow grey silt.   | AS245     | 9.2     | 10.6 | 1.4    | 0.38            | -   | 230 | 41 |  |
| 10.6 | 13.0 | Silt some clay, pale grey soft.  |           |         |      |        |                 |     |     |    |  |
| 13.0 | 13.5 | Silt as above, fragments of weathered sandstone.   | AS246     | 13.0    | 13.5 | 0.5    | 0.02            | -   | 90  | 12 |  |
| 13.5 | 15.0 | Silty sand, pale yellow grey, common chips of weathered sandstone (could be scree or weathered basement)   | AS247     | 13.5    | 15.0 | 1.5    | 0.03            | -   | 140 | 14 |  |
| 15.0 | 16.5 | Silty sand, as above more sandstone chips.   | AS248     | 15.0    | 16.5 | 1.5    | 0.04            | -   | 90  | 14 |  |
| 16.5 | 18.0 | Silty sand, as above drilling getting steadily harder.   | AS249     | 16.5    | 18.0 | 1.5    | 0.05            | 1.0 | 150 | 18 |  |

E.O.H.

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB9 Line 1  
 Length of Hole 28.5 m

Property Beaconsfield, Tasmania  
 Licence No E.L.17/73  
 From To Date 24.5.79

19102049

| From | To   | Auger to 16.0 m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown as -<br>Description of core | Sample No | Footage |      | Length | Core assays ppm |      |      |     |  |  |  |
|------|------|---|-----------|---------|------|--------|-----------------|------|------|-----|--|--|--|
|      |      |   |           | From    | To   |        | Au              | Ag   | As   | Cu  |  |  |  |
| 0    | 0.5  | Gravel etc.(Fill).  |           |         |      |        |                 |      |      |     |  |  |  |
| 0.5  | 3.5  | Clay red brown to brick red firm becoming crumbly with depth,Some grey mottles and streaks.   |           |         |      |        |                 |      |      |     |  |  |  |
| 3.5  | 4.5  | Clay,prange brown,soft and slightly silty.Some yellow streaks.Common fine subrounded quartz grit.   | AS250     | 3.5     | 4.5  | 1.0    |                 |      |      |     |  |  |  |
| 4.5  | 10.0 | Clay slightly silty.Dark red brown,Sparse bright red ferruginous patches.Common fine quartz grit.   | AS251     | 9.0     | 10.0 | 1.0    |                 |      |      |     |  |  |  |
| 10.0 | 12.5 | Clay,silty,brown,as above but getting paler in colour.  | AS252     | 10.0    | 12.5 | 2.5    |                 |      |      |     |  |  |  |
| 12.5 | 15.3 | Clay,yellow brown grey,soft and sticky becomes paler and silty with increasing depth.Sparse rock chips.   | AS253     | 14.0    | 15.0 | 1.0    |                 |      |      |     |  |  |  |
| 15.3 | 16.0 | Silty sandy clay.Pale yellow grey,some rock fragments(could be weathered basement),Hit timber at 16.0.  |           |         |      |        |                 |      |      |     |  |  |  |
| 16.0 | 18.0 | Silty sand,yellow with abundant chips weathered sandstone.  | AS254     | 16.0    | 18.0 | 2.0    | 0.75            | 1.0  | 920  | 124 |  |  |  |
| 18.0 | 19.5 | Sand and silt,prange,common grit and fragments of variably weathered sandstone some grey and some quartz.   | AS255     | 18.0    | 19.5 | 1.5    |                 |      |      |     |  |  |  |
| 19.5 | 21.0 | Sand and silt,orange brown(ferruginous?)as above.Drilling rate suggests in solid bedrock.   | AS256     | 19.5    | 21.0 | 1.5    | 6.20            | 13.0 | 2870 | 350 |  |  |  |
| 21.0 | 22.5 | Sand and silt,as above but many more chips fresh f.gr blue grey sandstone and phyllite.Hard drilling.   | AS257     | 21.0    | 22.5 | 1.5    | 3.95            | 9.5  | 2250 | 315 |  |  |  |
| 22.5 | 24.0 | Sand and silt as above but softer with fewer chips.   | AS258     | 22.5    | 24.0 | 1.5    | 2.35            | 1.5  | 1590 | 125 |  |  |  |
| 24.0 | 25.5 | Sand and silt as above,more chips including blue black phyllite and phyllitic sandstone.Harder drilling.  | AS259     | 24.0    | 25.5 | 1.5    | 1.91            | 2.0  | 1730 | 232 |  |  |  |



# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No . 1 .....  
 Hole No ... RB10 .. Line 1.....  
 Length of Hole ... 28.5 m.....

Property, Beaconsfield, Tasmania.....  
 Licence No. E.L.17/73.....  
 From ..... To ..... Date 25.5.79.....

191022 021

| From | To   | Auger to 15.5 m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown as -<br>Description of core | Sample No | Footage |      | Length | Core assays ppm |     |      |     |  |  |  |
|------|------|---|-----------|---------|------|--------|-----------------|-----|------|-----|--|--|--|
|      |      |   |           | From    | To   |        | Au              | Ag  | As   | Cu  |  |  |  |
| 0    | 4.0  | Boulder clays gravel etc.Loose fill.No sample return.   |           |         |      |        |                 |     |      |     |  |  |  |
| 4.0  | 7.5  | No sample return.Hole tighter,probably in clay-cuttings filling upper part of hole.   |           |         |      |        |                 |     |      |     |  |  |  |
| 7.5  | 9.0  | Clay silty pale grey,soft and sticky only very minor sample return.   |           |         |      |        |                 |     |      |     |  |  |  |
| 9.0  | 10.5 | Clay yellow grey,soft-poor sample return.   |           |         |      |        |                 |     |      |     |  |  |  |
| 10.5 | 13.5 | Clay,yellow,soft sticky,increasing sample return.   |           |         |      |        |                 |     |      |     |  |  |  |
| 13.5 | 15.0 | Silty clay,grey brown sticky getting firmer.  | AS262     | 13.5    | 15.0 | 1.5    |                 |     |      |     |  |  |  |
| 15.0 | 15.5 | Sandy silt,pale yellow.Hit timber at 15.5 m.  |           |         |      |        |                 |     |      |     |  |  |  |
| 15.5 | 16.5 | Sandy silt with grit,pale yellow grey,abundant chips weathered pale yellow grey sandstone.(wth'd basement?).  | AS263     | 15.5    | 16.5 | 1.0    | 0.05            | -   | 80   | 16  |  |  |  |
| 16.5 | 18.0 | Sandy silt with grit,as above,becoming orange.  | AS264     | 16.5    | 18.0 | 1.5    | 0.32            | -   | 270  | 100 |  |  |  |
| 18.0 | 19.5 | Silty sand,orange brown to yellowish,soft,some fragments weathered sandstone.   | AS265     | 18.0    | 19.5 | 1.5    | 2.52            | 1.0 | 1120 | 315 |  |  |  |
| 19.5 | 21.0 | Silty sand,as above paler colour chip all moderately weathered pale grey m gr sdstn.  | AS266     | 19.5    | 21.0 | 1.5    | 0.33            | 1.0 | 400  | 90  |  |  |  |
| 21.0 | 22.5 | Silty sand,soft,as above fewer chips.   | AS267     | 21.0    | 22.5 | 0.5    | 0.09            | -   | 380  | 69  |  |  |  |
| 22.5 | 24.0 | Silty sand,yellow brown grey,some clay.   | AS268     | 22.5    | 24.0 | 1.5    | 0.13            | 1.0 | 330  | 39  |  |  |  |
| 24.0 | 25.5 | Silty sand,as above,greyer,more chips mostly grey m gr sdstn,harder drilling.   | AS269     | 24.0    | 25.5 | 1.5    | 0.08            | 2.5 | 240  | 33  |  |  |  |
| 25.5 | 27.0 | Silty sand,grey,zones of soft pale grey silt,hard layers with chips sandstone,some weathered black phyllite chips.  | AS270     | 25.5    | 27.0 | 1.5    | -               | 1.0 | 320  | 42  |  |  |  |



Sheet No 1

Hole No RB11 Line 1

Length of Hole 30.0 m

Property Beaconsfield, Tasmania

Licence No E.L.17/73

191024 023

From To Date 25.5.79

| From | To   | Auger to 13.0.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 shown as -<br>Description of core        | Sample No | Footage |      | Length | Core assays ppm |    |      |    |     |  |  |
|------|------|--|-----------|---------|------|--------|-----------------|----|------|----|-----|--|--|
|      |      |  |           | From    | To   |        | Au              | Ag | As   | Cu |     |  |  |
|      |      |  |           |         |      |        |                 |    |      |    |     |  |  |
| 0    | 5.0  | Rocks, gravel, clay etc. (Fill) no sample return.  |           |         |      |        |                 |    |      |    |     |  |  |
| 5.0  | 7.5  | Silty clay, yellow grey-very poor sample return.   |           |         |      |        |                 |    |      |    |     |  |  |
| 7.5  | 9.5  | Silty clay, pale grey to yellowish grey, firm crumbly.   |           |         |      |        |                 |    |      |    |     |  |  |
| 9.5  | 11.5 | Silty clay, pale grey to yellow grey sticky.   |           |         |      |        |                 |    |      |    |     |  |  |
| 11.5 | 12.8 | Clay yellow grey, crumbly, some quartz grit, tight drilling.   |           |         |      |        |                 |    |      |    |     |  |  |
| 12.8 | 13.0 | Silty sand, bright yellow, (weathered basement?) Auger hits solid patch and stops.   |           |         |      |        |                 |    |      |    |     |  |  |
| 13.0 | 15.0 | Silty sand, pale yellowish, abundant chips m gr and f gr wth'd brownish grey sandstone, most drilling quite hard but some soft patches (Could be scree over basement). |           |         |      |        |                 |    |      |    |     |  |  |
| 15.0 | 16.5 | Silty sand, as above, but much softer fewer chips.   | AS273     | 15.0    | 16.5 | 1.5    |                 |    |      |    |     |  |  |
| 16.5 | 18.0 | Silty sand as above, common chips.   | AS274     | 16.5    | 18.0 | 1.5    |                 |    |      |    |     |  |  |
| 18.0 | 19.5 | Silty sand as above, some minor clay.  | AS275     | 18.0    | 19.5 | 1.5    | 0.12            | -  | 210  |    | 47  |  |  |
| 19.5 | 21.0 | Silty sand as above but becoming slightly orange.  | AS276     | 19.5    | 21.0 | 1.5    |                 |    |      |    |     |  |  |
| 21.0 | 22.5 | Silty sand, orange colour, more chips weathered sandstone. Harder drilling.  | AS277     | 21.0    | 22.5 | 1.5    | 0.11            | -  | 530  |    | 60  |  |  |
| 22.5 | 24.0 | Sandy silt, orange brown, abundant chips wth'd brown grey sandstone, phyllitic sandstone. Much harder drilling.  | AS278     | 22.5    | 24.0 | 1.5    | 0.25            | -  | 1170 |    | 117 |  |  |
| 24.0 | 25.5 | Sandy silt, as above, chips mainly phyllitic.  | AS279     | 24.0    | 25.5 | 1.5    | 0.11            | -  | 1790 |    | 185 |  |  |
| 25.5 | 27.0 | Sandy silt, as above, but now much softer fewer chips.   | AS280     | 25.5    | 27.0 | 1.5    | 0.05            | -  | 1040 |    | 153 |  |  |
| 27.0 | 28.5 | Sand, yellow grey brown, f gr, common chips wth'd sdstn.   | AS281     | 27.0    | 28.5 | 1.5    | -               | -  | 470  |    | 65  |  |  |
| 28.5 | 30.0 | Sand, f gr, brown grey many chips sdstn, phyllitic sdstn and black phyllitic. Drilling gets steadily harder. E.O.H.  | AS282     | 28.5    | 30.0 | 1.5    | -               | -  | 840  |    | 110 |  |  |

Sheet No. 1  
 Hole No. RB12 Line 2  
 Length of Hole 15 m

Property... Reasonfield, Tasmania.  
 Licence No. E.L.17/73  
 From ..... To ..... Date 28.5.79  
191025 024

| From | To   | Auger to 4.5 m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 ppm shown<br>Description of core as - Hole Vertical. | Sample NO | Footage |      | Length | Core assays ppm |    |    |    |
|------|------|---|-----------|---------|------|--------|-----------------|----|----|----|
|      |      |   |           | From    | To   |        | Au              | Ag | As | Cu |
| 0    | 0.5  | Sandy soil, dark brown to black.  |           |         |      |        |                 |    |    |    |
| 0.5  | 1.2  | Clay, yellow brown with red brown and pale yellow grey streaks and mottles (possibly weathered rock fragments). Hard and stiff.   |           |         |      |        |                 |    |    |    |
| 1.2  | 1.8  | Clay, pinkish yellow streaked with yellow and pale grey, hard and crumbly (could be very weathered partially latentized sandstone and argillite)                                    | AS263     | 1.2     | 1.8  | 0.6    | -               | -  | 5  | 5  |
| 1.8  | 2.5  | Silty sand very pale pinkish yellow grey, patches of pale grey clay. Very soft.   | AS264     | 1.8     | 2.5  | 0.7    | -               | -  | 5  | 5  |
| 2.5  | 3.0  | Silty sand, pale yellow grey, sparse chips wth'd f' gr sdstn.   |           |         |      |        |                 |    |    |    |
| 3.0  | 4.0  | Silty sand very pale grey, common chips wth'd f' gr sdstn.  | AS265     | 3.0     | 4.0  | 1.0    | -               | -  | <5 | <5 |
| 4.0  | 4.5  | Silty sand as above, slightly pink. Some argillite and phyllite chips   |           |         |      |        |                 |    |    |    |
| 4.5  | 6.0  | Silty sand some clay pale yellow tinged pink. Many chips f' gr sdstn and argillite.   | AS266     | 4.5     | 6.0  | 1.5    | -               | -  | <5 | 5  |
| 6.0  | 7.5  | Silty sand-as above.  | AS267     | 6.0     | 7.5  | 1.5    | -               | -  | <5 | <5 |
| 7.5  | 9.0  | Silty sand, pale grey. Many fresh chips pale sdstn. Still some clay. Drilling much harder.  | AS268     | 7.5     | 9.0  | 1.5    | -               | -  | <5 | 5  |
| 9.0  | 10.5 | Silty clay pinkish grey with red patches. Common fragments wth'd argillite and sdstn. Drilling hard in patches.   | AS269     | 9.0     | 10.5 | 1.5    | 0.03            | -  | 5  | <5 |
| 10.5 | 12.0 | Sand pale creamy grey, fragments very wth'd sdstn.  | AS270     | 10.5    | 12.0 | 1.5    | -               | -  | <5 | <5 |
| 12.0 | 13.5 | Sand pale grey with some large lumps yellow clay. Hard & soft patches.  | AS271     | 12.0    | 13.5 | 1.5    | 0.04            | -  | <5 | <5 |
| 13.5 | 15.0 | Silty sand, pale grey, common wth'd sdstn chips. Drilling getting hard. (Probably in very wth'd basement from about 5 m).<br>E.O.H.   | AS272     | 13.5    | 15.0 | 1.5    | -               | -  | <5 | <5 |





Sheet No 1  
 Hole No RB15 Line 2  
 Length of Hole 16.5 m

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73. 191028 <sup>027</sup>  
 From To Date 29.5.79.

| From | To   | Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1.0 ppm shown<br>Description of core as - Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|------|------|--|-----------|---------|------|--------|-----------------|----|----|----|
|      |      |  |           | From    | To   |        | Au              | Ag | As | Cu |
| 0    | 0.2  | Silty soil black.  |           |         |      |        |                 |    |    |    |
| 0.2  | 0.5  | Silt dark purplish brown, soft and fluffy textured.  |           |         |      |        |                 |    |    |    |
| 0.5  | 0.7  | Silt as above but pale grey.   |           |         |      |        |                 |    |    |    |
| 0.7  | 0.9  | Silt as above dark purplish brown.   |           |         |      |        |                 |    |    |    |
| 0.9  | 1.2  | Silt as above but yellow brown.  |           |         |      |        |                 |    |    |    |
| 1.2  | 1.7  | Silt as above dark brown.  |           |         |      |        |                 |    |    |    |
| 1.7  | 3.1  | Clay-yellow orange, crumbly with abundant nodules pale yellow silty clay (possibly weathered scree).   |           |         |      |        |                 |    |    |    |
| 3.1  | 3.5  | Clay-yellow brown-hard crumbly.  |           |         |      |        |                 |    |    |    |
| 3.5  | 4.2  | Silt bright orange yellow with pinkish red zone. Soft and fluffy. Common nodules pinkish silty clay (pebbles?) wth'd scree?                                      |           |         |      |        |                 |    |    |    |
| 4.2  | 5.8  | Silty clay pinkish red as above but with common large well weathered red sdstn pebbles and clay nodules (alluvial layer).  |           |         |      |        |                 |    |    |    |
| 5.8  | 6.0  | Silt bright yellowish orange soft and fluffy minor clay nodules.   |           |         |      |        |                 |    |    |    |
| 6.0  | 7.5  | Silty sand with some clay, pale yellow grey and yellow brown soft, with soft wth'd rock fragments.   | AS310     | 6.0     | 7.5  | 1.5    | -               | -  | 10 | 7  |
| 7.5  | 9.0  | Silty sand, as above, common chips wth'd sdstn brownish grey. Drilling quite hard in patches.  | AS311     | 7.5     | 9.0  | 1.5    |                 |    |    |    |
| 9.0  | 10.5 | Silty clays pale grey, soft and fluffy, fragments wth'd sdstn and argillite (Prob wth'd basement).   | AS312     | 9.0     | 10.5 | 1.5    | -               | -  | <5 | 7  |
| 10.5 | 12.0 | Silty clays as above, drilling slightly harder in patches.   | AS313     | 10.5    | 12.0 | 1.5    |                 |    |    |    |



# ALLSTATE EXPLORATIONS N.L. DRILL LOG

Sheet No1.....  
 Hole No. RB16 Line 2.....  
 Length of Hole 11.0 m.....

Property ... Beaconsfield, Tasmania. 191030 029  
 Licence No. E.L.17/73.....  
 From ..... To ..... Date 30.5.79.....

| From   | To   | Auger to 4.5.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 and Ag values less than 1.0 ppm shown as -<br>Description of core | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|--------|------|--|-----------|---------|------|--------|-----------------|----|----|----|
|        |      |  |           | From    | To   |        | Au              | Ag | As | Cu |
| 0      | 0.1  | Soil sandy black.  |           |         |      |        |                 |    |    |    |
| 0.1    | 0.5  | Sticky clay with stones, grey brown.   |           |         |      |        |                 |    |    |    |
| 0.5    | 1.5  | Sticky clay, yellow brown, crumbly, abundant nodules firm hard yellow brown clay.  |           |         |      |        |                 |    |    |    |
| 1.5    | 1.9  | Clay pale yellowish grey firm and hard pale grey streaks.  |           |         |      |        |                 |    |    |    |
| 1.9    | 2.7  | Silts pale yellow to orange yellow, soft and fluffy textured, minor clay nodules.  |           |         |      |        |                 |    |    |    |
| 2.7    | 4.0  | Silts, as above becoming yellow brown but with numerous pale yellow grey firm silty clay.  |           |         |      |        |                 |    |    |    |
| 4.0    | 4.5  | Silty clay, pinkish grey, crumbly, many angular to sub rounded pebbles dark red brown sdstn. (gravel bed?).  |           |         |      |        |                 |    |    |    |
| 4.5    | 6.0  | Grit, gravel and silt, pink and grey.  | AS317     | 4.5     | 6.0  | 1.5    | -               | -  | 5  | 6  |
| 6.0    | 7.5  | Silts and fine sand, creamy grey, fluffy textured. Common large chips wth'd sdstn, some vein quartz. Drilling firm to hard.                                    | AS318     | 6.0     | 7.5  | 1.5    | -               | -  | 45 | 7  |
| 7.5    | 9.0  | Silty sand, pinkish grey, soft, hard chips wth'd sdstn and sparse quartz. Hard drilling.   | AS319     | 7.5     | 9.0  | 1.5    | -               | -  | 40 | 13 |
| 9.0    | 11.0 | Silty sand, grey, pink and orange zones, soft and fluffy. Some wth'd sdstn and argillite chips. Drilling softer than above.                                    | AS320     | 9.0     | 11.0 | 2.0    | -               | -  | 20 | 11 |
| E.O.H. |      |  |           |         |      |        |                 |    |    |    |

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB17 Line 2  
 Length of Hole 13.5 m

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From To Date 31.5.79  
 191031  
 030

| From   | To   | Auger to 4.7.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 and Ag values less than 1.0 ppm shown as -<br>Description of core<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|--------|------|--|-----------|---------|------|--------|-----------------|----|----|----|
|        |      |  |           | From    | To   |        | Au              | Ag | As | Cu |
| 0      | 0.4  | Soil, black to chocolate brown-soft and silty.   |           |         |      |        |                 |    |    |    |
| 0.4    | 1.0  | Silts, yellow brown, soft and fluffy, patches yellow brown clay.   |           |         |      |        |                 |    |    |    |
| 1.0    | 1.5  | Silts as above, large lump pale yellow grey and yellow brown silty clay.   |           |         |      |        |                 |    |    |    |
| 1.5    | 2.0  | Silt, pale lemon yellow, very soft and fluffy textured, some grit.   |           |         |      |        |                 |    |    |    |
| 2.0    | 2.5  | Silt, as above darker colour.  |           |         |      |        |                 |    |    |    |
| 2.5    | 3.0  | Silt as above but white to pale grey.  |           |         |      |        |                 |    |    |    |
| 3.0    | 4.7  | Silt and silty sand, creamy yellow, soft fluffy large sub angular and angular pebbles hard grey sdstn.   |           |         |      |        |                 |    |    |    |
| 4.7    | 6.0  | Silty sand, pale grey, pebbles as above some phyllite. Drilling firm.  | AS321     | 4.7     | 6.0  | 1.3    |                 |    |    |    |
| 6.0    | 7.5  | Silty sand, as above becoming pinkish. Common large sdstn chips.   | AS322     | 6.0     | 7.5  | 1.5    | -               | -  | 5  | 7  |
| 7.5    | 9.0  | Silty sand, pale yellow grey. Chips f gr hard sdstn common. Drilling getting hard.   | AS323     | 7.5     | 9.0  | 1.5    |                 |    |    |    |
| 9.0    | 10.5 | Silty sand, pale grey, fluffy. Many large chips of wth'd f gr sdstn. Drilling firm to hard.  | AS324     | 9.0     | 10.5 | 1.5    | -               | -  | <5 | <5 |
| 10.5   | 12.0 | Silty sand as above. Drilling patchy.  | AS325     | 10.5    | 12.0 | 1.5    | -               | -  | <5 | <5 |
| 12.0   | 13.5 | Silty sand as above with abundant large chips wth'd sdstn. Drilling getting harder.  | AS326     | 12.0    | 13.5 | 1.5    | -               | -  | <5 | <5 |
| E.O.H. |      |  |           |         |      |        |                 |    |    |    |





Sheet No 1  
 Hole No RB20 Line 2  
 Length of Hole 16.5 m.

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From To Date 30.5.72  
 1910343

| From   | To   | Auger to 4.5.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 and Ag values less than 1.0 ppm shown as -<br>Description of core<br>Hole Vertical | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|--------|------|---|-----------|---------|------|--------|-----------------|----|----|----|
|        |      |   |           | From    | To   |        | Au              | Ag | As | Cu |
| 0      | 0.3  | Soil black to dark grey-soft and silty.   |           |         |      |        |                 |    |    |    |
| 0.3    | 0.5  | Silt pale grey, soft.   |           |         |      |        |                 |    |    |    |
| 0.5    | 1.3  | Clay dark yellow brown, hard and crumbly with large nodules clay streaked yellow and grey.  |           |         |      |        |                 |    |    |    |
| 1.3    | 3.2  | Silty sand, pale yellow has grit increasing with depth.   |           |         |      |        |                 |    |    |    |
| 3.2    | 4.5  | Silty clay yellowish to pale grey, soft. Abundant and increasing chips hard sandstone.  |           |         |      |        |                 |    |    |    |
| 4.5    | 6.0  | Silty sand, grey, soft, abundant chips wth'd sdstn. Drilling firm.  |           |         |      |        |                 |    |    |    |
| 6.0    | 7.5  | Silty sand, as above but drilling softer.   | AS335     | 6.0     | 7.5  | 1.5    | -               | -  | <5 | <5 |
| 7.5    | 9.0  | Silty sand as above, drilling getting harder.   | AS336     | 7.5     | 9.0  | 1.5    | -               | -  |    |    |
| 9.0    | 10.5 | Sandy clay, pinkish to buff, many chips red brown wth'd sdstn.  | AS337     | 9.0     | 10.5 | 1.5    | -               | -  | <5 | 5  |
| 10.5   | 12.0 | Sandy clay, as above, some orange patches, drilling fairly soft.  | AS338     | 10.5    | 12.0 | 1.5    | -               | -  |    |    |
| 12.0   | 13.5 | Silty sand, dark orange yellow brown, soft, common very wth'd sdstn chips. Easy drilling.   | AS339     | 12.0    | 13.5 | 1.5    | -               | -  | 20 | 7  |
| 13.5   | 15.0 | Silty sand, pale yellow grey, soft. Common chips wth'd sdstn. Drilling getting harder.  | AS340     | 13.5    | 15.0 | 1.5    | -               | -  | 20 | 15 |
| 15.0   | 16.5 | Silty sand, pale grey. Many fragments wth'd grey sdstn. Drilling firm hard in places.   | AS341     | 15.0    | 16.5 | 1.5    | -               | -  | 15 | 6  |
| E.O.H. |      |   |           |         |      |        |                 |    |    |    |

Sheet No 1  
 Hole No RB21 Line 2  
 Length of Hole 19.5 m.

Property Beaconsfield, Tasmania  
 Licence No E.L.17/73  
 From To Date 31.5.79  
191035 <sup>034</sup>

| From | To   | Auger to 4.5 m.<br>Assays by General Superintendence Co. Pty. Ltd.<br>Gold values less than 0.02 and Ag values less than 1.0 ppm shown as -<br>Description of core<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|------|------|--|-----------|---------|------|--------|-----------------|----|----|----|
|      |      |  |           | From    | To   |        | Au              | Ag | As | Cu |
| 0    | 0.5  | Soil black to dark brown soft, fluffy texture.   |           |         |      |        |                 |    |    |    |
| 0.5  | 1.0  | Clay-yellow brown crumbly, nodules harder clay.  |           |         |      |        |                 |    |    |    |
| 1.0  | 1.5  | Clay, silty, pale brown slightly pink, crumbly, many nodules pale grey clay.   |           |         |      |        |                 |    |    |    |
| 1.5  | 4.0  | Silts, pale grey, yellow grey, pinkish buff, soft fluffy textured. Nodules of firm pale clay. Scattered hard sdstn pebbles.  |           |         |      |        |                 |    |    |    |
| 4.0  | 4.5  | Silty sand, as above. Drilling hard, probably in weathered basement.   |           |         |      |        |                 |    |    |    |
| 4.5  | 6.0  | Silty sand, as above, abundant chips wth'd sdstn. Drilling firm.   | AS342     | 4.5     | 6.0  | 1.5    | -               | -  | 5  | 5  |
| 6.0  | 7.5  | Silty sand, pale grey as above, but some vein quartz chips. Drilling moderately hard.  | AS343     | 6.0     | 7.5  | 1.5    | -               | -  | <5 | 5  |
| 7.5  | 9.0  | Silty sand as above but soft and fluffy-no quartz chips. Softer drilling.  | AS344     | 7.5     | 9.0  | 1.5    | -               | -  | <5 | 5  |
| 9.0  | 10.5 | Silty sand, yellow grey similar to above. Drilling easy.   | AS345     | 9.0     | 10.5 | 1.5    |                 |    |    |    |
| 10.5 | 12.0 | Silty sand as above.   | AS346     | 10.5    | 12.0 | 1.5    | -               | -  | 10 | 5  |
| 12.0 | 13.5 | Silty sand, yellow grey brown, soft. Sparse soft very wth'd sdstn chips.   | AS347     | 12.0    | 13.5 | 1.5    |                 |    |    |    |
| 13.5 | 15.0 | Silty sand as above. Drilling soft.  | AS348     | 13.5    | 15.0 | 1.5    | -               | -  | 20 | 5  |
| 15.0 | 16.5 | Silty sand, as above. More chips grey wth'd sdstn, a few small cavities. Firmer drilling.  | AS349     | 15.0    | 16.5 | 1.5    | -               | -  | 15 | 5  |
| 16.5 | 18.0 | Silty sand, pale grey brown with more chips grey to grey brown sdstn. Harder drilling.   | AS350     | 16.5    | 18.0 | 1.5    | -               | -  | 15 | 5  |
| 18.0 | 19.5 | Silty sand, as above drilling much harder.   | AS351     | 18.0    | 19.5 | 1.5    | -               | -  | 50 | 5  |

E.G.H.

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1

Hole No RB22 Line 2

Length of Hole 19.5 m.

Property Beaconsfield, Tasmania

Licence No E.L.17/73

From

To

Date 31.5.79

191036

035

| From | To   | Auger to L.O.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 and Ag values less than 1.0 ppm shown as -<br>Description of core<br>Hole Vertical | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|------|------|---|-----------|---------|------|--------|-----------------|----|----|----|
|      |      |   |           | From    | To   |        | Au              | Ag | As | Cu |
| 0    | 0.1  | Soil, silty, soft, black.   |           |         |      |        |                 |    |    |    |
| 0.1  | 0.8  | Clay, orange brown, hard crumbly, large nodules paler clay.   |           |         |      |        |                 |    |    |    |
| 0.8  | 2.0  | Silty clay, pale yellow, soft. Large nodules pale yellow grey clay.   |           |         |      |        |                 |    |    |    |
| 2.0  | 3.5  | Silty sand, yellow grey and pink, gritty, many nodules hard weathered sandstone, sub rounded, gravel layer.   |           |         |      |        |                 |    |    |    |
| 3.5  | 4.0  | Silty sand, pale grey brown, many hard sdstn chips. Hard drilling.  |           |         |      |        |                 |    |    |    |
| 4.0  | 6.0  | Silty sand, pale pinkish brown, many chips partly wth'd sdstn. Drilling moderately hard.  | AS352     | 4.0     | 6.0  | 2.0    | -               | -  | <5 | <5 |
| 6.0  | 7.5  | Silty sand, yellow grey with chips wth'd sdstn. Drilling softer than above.   | AS353     | 6.0     | 7.5  | 1.5    |                 |    |    |    |
| 7.5  | 9.0  | Silty sand, pale pinkish grey. Abundant chips grey siliceous sdstn. Hard drilling.  | AS354     | 7.5     | 9.0  | 1.5    | -               | -  | <5 | <5 |
| 9.0  | 10.5 | Silty sand, grey, fragments wth'd sdstn. Drilling much softer than above.   | AS355     | 9.0     | 10.5 | 1.5    |                 |    |    |    |
| 10.5 | 12.0 | Silty sand, pale grey, soft as above.   | AS356     | 10.5    | 12.0 | 1.5    | -               | -  | <5 | <5 |
| 12.0 | 13.5 | Silty sand pale yellow grey, soft wth'd sdstn fragments.  | AS357     | 12.0    | 13.5 | 1.5    |                 |    |    |    |
| 13.5 | 15.0 | Silty sand, grey, as above. Drilling firm.  | AS358     | 13.5    | 15.0 | 1.5    | -               | -  | 5  | <5 |
| 15.0 | 16.5 | Silty sand, as above. Drilling slightly harder.   | AS359     | 15.0    | 16.5 | 1.5    | -               | -  | <5 | <5 |
| 16.5 | 18.0 | Silty sand, pale yellow grey to brown grey chips wth'd sdstn. Drilling getting harder.  | AS360     | 16.5    | 18.0 | 1.5    | -               | -  | 20 | 5  |
| 18.0 | 19.5 | Silty sand, as above. Much harder drilling.   | AS361     | 18.0    | 19.5 | 1.5    | -               | -  | 15 | 5  |

E.O.H.



Sheet No 2  
 Hole No RB23 Line 2  
 Length of Hole 22.5 m.

Property Beaconsfield, Tasmania  
 Licence No. E.L.17/73  
 From ..... To ..... Date 31.5.79

191038 037

| From   | To   | Description of core  | Sample No | Footage |      | Length | Core assays ppm |    |      |    |
|--------|------|--|-----------|---------|------|--------|-----------------|----|------|----|
|        |      |  |           | From    | To   |        | Au              | Ag | As   | Cu |
| 18.0   | 19.5 | contd. from 18.7-19.4. Easy drilling. Could be fill in old workings.                             | AS370     | 18.0    | 19.5 | 1.5    | 0.17            | -  | 270  | 9  |
| 19.5   | 21.0 | Sand, m gr as above, many chips f gr hard black quartzite. Drilling patchy, very hard in places. | AS371     | 19.5    | 21.0 | 1.5    | 0.06            | -  | 1040 | 11 |
| 21.0   | 22.5 | Sand, brown grey. Many chips f gr black quartzite. Hard drilling.                                | AS372     | 21.0    | 22.5 | 1.5    | 0.03            | -  | 590  | 13 |
| E.O.H. |      |  |           |         |      |        |                 |    |      |    |



















# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB 33 Line 3  
 Length of Hole 16.5 m.

Property Beaconsfield, Tasmania.  
 Licence No. E.L. 17/73  
 From ..... To .....  
 Date 191048 <sup>027</sup>  
6.6.79

| From   | To   | Auger Drilling to 4.5 m. Rotary to ..... m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as -. Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |     |    |
|--------|------|--|-----------|---------|------|--------|-----------------|----|-----|----|
|        |      |  |           | From    | To   |        | Au              | Ag | As  | Cu |
| 0      | 0.3  | Sandy soil, black.   |           |         |      |        |                 |    |     |    |
| 0.3    | 0.5  | Silty sandy clay, grey.  |           |         |      |        |                 |    |     |    |
| 0.5    | 1.2  | Silt pale dove grey with grey clay nodules.  |           |         |      |        |                 |    |     |    |
| 1.2    | 2.0  | Silt, as above but pale yellow grey.   |           |         |      |        |                 |    |     |    |
| 2.0    | 4.0  | Silts bright orange yellow, soft fluffy texture become paler with depth.   |           |         |      |        |                 |    |     |    |
| 4.0    | 4.5  | Silts, orange brown, grit & rounded pebbles orange wth'd sdstn.  |           |         |      |        |                 |    |     |    |
| 4.5    | 6.0  | Silty sand, yellow brown, soft, large chips wth'd sdstn. Drilling easy, probably in scree.   | ASH11     | 4.5     | 6.0  | 1.5    | -               | -  | 120 | 27 |
| 6.0    | 7.5  | Silty sand, as above, easy drilling.   | ASH12     | 6.0     | 7.5  | 1.5    | -               | -  |     |    |
| 7.5    | 9.0  | Silty sand, as above, Gets harder drilling towards bottom.   | ASH13     | 7.5     | 9.0  | 1.5    | -               | -  | 90  | 23 |
| 9.0    | 10.5 | Silty sand, pale yellow grey brown, soft fluffy. Many chips wth'd brownish sdstn, some fresh sdstn, minor vein quartz. Drilling quite hard.  | ASH14     | 9.0     | 10.5 | 1.5    | -               | -  | 100 | 18 |
| 10.5   | 12.0 | Silty sand, as above, sparse vein qtz chips.   | ASH15     | 10.5    | 12.0 | 1.5    | -               | -  | 50  | 24 |
| 12.0   | 13.5 | Silty sand, pale grey brown, soft fluffy, many fine chips f gr blue grey sdstn, minor c gr sdstn. Drilling fairly hard.  | ASH16     | 12.0    | 13.5 | 1.5    | -               | -  | 15  | 26 |
| 13.5   | 15.0 | Silty sand, as above but coarser. C gr wth'd brown sdstn chips.  | ASH17     | 13.5    | 15.0 | 1.5    | -               | -  |     |    |
| 15.0   | 16.5 | Sand f-m gr grey many fine rock chips partly wth'd grey sdstn.   | ASH18     | 15.0    | 16.5 | 1.5    | -               | -  | 60  | 15 |
| E.O.H. |      |  |           |         |      |        |                 |    |     |    |

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB34 Line 3  
 Length of Hole 18.0 m.

Property Beaconsfield, Tasmania.  
 Licence No. E.L. 17/73  
 From ..... To .....  
 Date 6.6.79  
 191049 048

| From | To   | Auger Drilling to 6.0 m. Rotary to ..... m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as -.<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |     |    |
|------|------|---|-----------|---------|------|--------|-----------------|----|-----|----|
|      |      |   |           | From    | To   |        | Au              | Ag | As  | Cu |
| 0    | 0.5  | Soil black soft silty.  |           |         |      |        |                 |    |     |    |
| 0.5  | 1.0  | Silty sandy clay dark grey brown.   |           |         |      |        |                 |    |     |    |
| 1.0  | 3.2  | Silty sandy clay pale to mid dove grey.   |           |         |      |        |                 |    |     |    |
| 3.2  | 4.0  | Sand, pale grey (alluvial?)   |           |         |      |        |                 |    |     |    |
| 4.0  | 5.5  | Sandy clay and gravel, grey, mottled orange yellow, many pea sized pebbles wth'd sdstn.   |           |         |      |        |                 |    |     |    |
| 5.5  | 6.0  | Silty clay pale bright yellow brown, crumbly, small pebbles wth'd sdstn.  |           |         |      |        |                 |    |     |    |
| 6.0  | 7.5  | Silty sand, yellow brown, many fragments m. gr. grey brown sdstn, (alluvial or scree?).   | AS419     | 6.0     | 7.5  | 1.5    | -               | -  | 70  | 14 |
| 7.5  | 9.0  | Silty clay bright yellow brown, many small angular fragments brownish wth'd m gr sdstn.   | AS420     | 7.5     | 9.0  | 1.5    |                 |    |     |    |
| 9.0  | 10.5 | Silty clay as above. Drilling harder than above.  | AS421     | 9.0     | 10.5 | 1.5    | -               | -  | 100 | 17 |
| 10.5 | 12.0 | Silty clay brown grey as above more rock chips.   | AS422     | 10.5    | 12.0 | 1.5    |                 |    |     |    |
| 12.0 | 13.5 | Sand, pale grey brown and yellow, many chips wth'd m gr brown sdstn & fresher grey sdstn. Drilling now quite hard.  | AS423     | 12.0    | 13.5 | 1.5    | -               | -  | 50  | 10 |
| 13.5 | 15.0 | Sand, as above but grayer. Minor vein quartz chip. Drilling now quite hard.   | AS424     | 13.5    | 15.0 | 1.5    | -               | -  | 45  | 11 |
| 15.0 | 16.5 | Silty sand, bluish grey, many large fresh blue grey sdstn chips, some wth'd Minor vein quartz.  | AS425     | 15.0    | 16.5 | 1.5    | -               | -  | 60  | 18 |
| 16.5 | 18.0 | Sandstone chips, dark blue grey f. gr, blue grey sand & clay. Rare vein quartz chips. Hard drilling.  | AS426     | 16.5    | 18.0 | 1.5    | -               | -  | 90  | 40 |

E.O.H.

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB 35 Line 3  
 Length of Hole 13.5 m.

Property Beaconsfield, Tasmania.  
 Licence No. E.L. 17/73  
 From ..... To .....  
 191050 <sup>049</sup>  
 Date 6.6.79

| From | To   | Auger Drilling to 4.5 m. Rotary to ..... m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as - .<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |     |    |  |
|------|------|--|-----------|---------|------|--------|-----------------|----|-----|----|--|
|      |      |  |           | From    | To   |        | Au              | Ag | As  | Cu |  |
| 0    | 0.5  | Soil black and dark grey, soft silky.  |           |         |      |        |                 |    |     |    |  |
| 0.5  | 1.2  | Silty sandy clay, dark dove grey, firm sticky.   |           |         |      |        |                 |    |     |    |  |
| 1.2  | 2.5  | Silts, pale dove grey, soft, occasional rock chip (alluvial).  |           |         |      |        |                 |    |     |    |  |
| 2.5  | 4.5  | Silts, as above, changing rapidly to yellow brown gravel with sandstone and quartz pebbles. Noise created by auger suggests some large boulders present. (alluvial?) (Gold colour panned).                         | ASL27     | 3.0     | 4.0  | 1.0    | -               | -  | 70  | 7  |  |
| 4.5  | 6.0  | Silty sand pale grey brown, many chips partly wth'd brown. sdstn. Very hard drilling.  | ASL28     | 4.5     | 6.0  | 1.5    | 0.02            | -  | 40  | 15 |  |
| 6.0  | 7.5  | Sand, grey to grey brown, many chips wth'd. m. gr. sdstn, some quite fresh, drilling hard.   | ASL29     | 6.0     | 7.5  | 1.5    | 0.03            | -  | 25  | 11 |  |
| 7.5  | 9.0  | Sand & grit, grey brown, abundant blue grey fresh sdstn chips, some yellowish wth'd sdstn and many vein quartz chips, also some pyrite. Drilling much easier, could be gravel horizon.                             | ASL30     | 7.5     | 9.0  | 1.5    | 0.17            | -  | 200 | 11 |  |
| 9.0  | 9.3  | Sand fine pale grey-many chips vein quartz, also sandstone chips. Bit breaks up. Drilling very hard.   | ASL31     | 9.0     | 9.3  | 0.3    | 0.58            | -  | 240 | 24 |  |
| 9.3  | 10.3 | Quartz sand and vein quartz chips with abundant fine pyrite and some weathered sandstone. Drilling very hard.  | ASL32     | 9.3     | 10.3 | 1.0    | 1.50            | -  | 600 | 16 |  |
| 10.3 | 12.0 | Silty sand, blue grey, many chips fresh f. gr. blue grey sdstn, some minor quartz chips probably contamination from vein above. Drilling quite hard.   | ASL33     | 10.3    | 12.0 | 1.7    | 0.06            | -  | 70  | 10 |  |
| 12.0 | 13.5 | Silty sand, grey, chips grey f. gr. sdstn. Drilling quite hard.  | ASL34     | 12.0    | 13.5 | 1.5    | 0.02            | -  | 9   | 7  |  |

E.O.H.



# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No .....  
 Hole No. **RB37 Line 3**  
 Length of Hole .....**10.5 m.**

Property **Beaconsfield, Tasmania.**  
 Licence No. **E.L. 17/73**  
 From ..... To ..... Date **7.6.79**  
191052<sup>051</sup>

| From | To   | Auger Drilling to 3.1 m. Rotary to m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as -.<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|------|------|---|-----------|---------|------|--------|-----------------|----|----|----|
|      |      |   |           | From    | To   |        | Au              | Ag | As | Cu |
| 0    | 0.5  | Silty soil, black & soft.   |           |         |      |        |                 |    |    |    |
| 0.5  | 2.5  | Silty sandy clays, grey & yellowish, sticky.  |           |         |      |        |                 |    |    |    |
| 2.5  | 3.1  | Gravel and sand fresh chips sdstn in grey sand & silt.  |           |         |      |        |                 |    |    |    |
| 3.1  | 4.5  | Silty sand pale yellowish grey many fragments partly wth'd pale brown<br>grey. qtz. sdstn. Drilling hard in places. Possibly in boulders & gravel.  | AS440     | 3.1     | 4.5  | 1.4    | -               | -  | 60 | 7  |
| 4.5  | 6.0  | Chips pale grey brown quartz qtz. sandstone and sand. Hard to very hard<br>drilling (basement).   | AS441     | 4.5     | 6.0  | 1.5    |                 |    |    |    |
| 6.0  | 7.5  | Chips as above also very minor vein qtz. Drilling hard to very hard.  | AS442     | 6.0     | 7.5  | 1.5    | -               | -  | 6  | 8  |
| 7.5  | 9.0  | Chips as above, minor vein quartz chips. Very hard drilling.  | AS443     | 7.5     | 9.0  | 1.5    | -               | -  | 4  | 13 |
| 9.0  | 10.5 | Chips as above - minor quartz chips. Very hard. Bit broke up in hole - Hole<br>abandoned.<br>E.O.H.   | AS444     | 9.0     | 10.5 | 1.5    | -               | -  | 5  | 14 |



















# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB47 Line 3  
 Length of Hole 12.0 m.

Property Beaconsfield, Tasmania.  
 Licence No. E.L. 17/73  
 From ..... To ..... Date 19.10.62 06.79

| From   | To   | Auger Drilling to 4.5 m. Rotary to m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as -.<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|--------|------|---|-----------|---------|------|--------|-----------------|----|----|----|
|        |      |   |           | From    | To   |        | Au              | Ag | As | Cu |
| 0      | 0.3  | Silty soil, black to dark brown.  |           |         |      |        |                 |    |    |    |
| 0.3    | 1.2  | Silty clay, yellow brown, mottled grey firm.  |           |         |      |        |                 |    |    |    |
| 1.2    | 3.5  | Silty clay, yellow grey becoming pale grey, crumbly.  |           |         |      |        |                 |    |    |    |
| 3.5    | 4.0  | Silty sand, pale grey changing to bright yellow brown.  |           |         |      |        |                 |    |    |    |
| 4.0    | 4.5  | Silty Sandy Gravel, yellow brown, some quartz pebbles.  |           |         |      |        |                 |    |    |    |
| 4.5    | 6.0  | Silty sand, brownish yellow, chips wth'd sdstn, grey quartzite black quartz-<br>ite, vein quartz. Probably a ferruginous gravel.  | AS481     | 4.5     | 6.0  | 1.5    | 0.04            | -  | <1 | 35 |
| 6.0    | 7.5  | Silts, pale brown grey, very soft, fluffy texture, Many small chips pale<br>grey brown f gr sdstn and quartzite, minor vein quartz, Drilling moderate<br>to hard.   | AS482     | 6.0     | 7.5  | 1.5    |                 |    |    |    |
| 7.5    | 9.0  | Silts, pale grey, soft and fluffy. Chips grey f gr sdstn.   | AS483     | 7.5     | 9.0  | 1.5    | -               | -  | 2  | 8  |
| 9.0    | 10.5 | Silts, as above chips very wth'd grey sdstn.  | AS484     | 9.0     | 10.5 | 1.5    |                 |    |    |    |
| 10.5   | 12.0 | Silts, as above also minor vein quartz chips.   | AS485     | 10.5    | 12.0 | 1.5    | 0.04            | -  | <1 | 10 |
| E.O.H. |      |   |           |         |      |        |                 |    |    |    |

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1.....  
 Hole No RB 48 Line 3.....  
 Length of Hole 18.0 m.....

Property Beaconsfield, Tasmania.....  
 Licence No. E.L. 17/73.....  
 From ..... To .....  
 Date 10.6.79.....

191063 062

| From   | To   | Auger Drilling to 4.5 m. Rotary to m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as -.<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|--------|------|---|-----------|---------|------|--------|-----------------|----|----|----|
|        |      |   |           | From    | To   |        | Au              | Ag | As | Cu |
| 0      | 0.3  | Silty soil brown.   |           |         |      |        |                 |    |    |    |
| 0.3    | 1.5  | Clay, brown mottled yellow brown and yellow grey.   |           |         |      |        |                 |    |    |    |
| 1.5    | 2.5  | Silty clay, yellow, crumbly.  |           |         |      |        |                 |    |    |    |
| 2.5    | 3.2  | Silty clay, yellow grey, stiff.   |           |         |      |        |                 |    |    |    |
| 3.2    | 4.0  | Silty clay yellow grey to grey, crumbly.  |           |         |      |        |                 |    |    |    |
| 4.0    | 4.5  | Silty clay, bright yellow, soft, with grit.   |           |         |      |        |                 |    |    |    |
| 4.5    | 6.0  | Silty clay pale yellow grey. Some very wth'd sdstn fragments.   | AS486     | 4.5     | 6.0  | 1.5    | -               | -  | <1 | 7  |
| 6.0    | 7.5  | Silty clay pale yellow grey, firm, chips grey & yellow grey wth'd sdstn.  | AS487     | 6.0     | 7.5  | 1.5    |                 |    |    |    |
| 7.5    | 9.0  | Silty clay, pale dove grey, chips as above, Drilling firm to hard.  | AS488     | 7.5     | 9.0  | 1.5    |                 |    |    |    |
| 9.0    | 10.5 | Silty clay, pale grey brown, very soft with grit and small chips wth'd pale buff sdstn.   | AS489     | 9.0     | 10.5 | 1.5    | -               | -  | <1 | 16 |
| 10.5   | 12.0 | Silty clay as above. Drilling patchy, soft to hard.   | AS490     | 10.5    | 12.0 | 1.5    | -               | -  | <1 | 8  |
| 12.0   | 13.5 | Silty clay as above more sandstone chips.   | AS491     | 12.0    | 13.5 | 1.5    |                 |    |    |    |
| 13.5   | 15.0 | Silty sand chips as above. Drilling now firm to moderately hard.  | AS492     | 13.5    | 15.0 | 1.5    | 0.02            | -  | <1 | 11 |
| 15.0   | 16.5 | Silty sand, as above but increasing chips wth'd sdstn. Minor vein quartz chips. Drilling getting harder.  | AS493     | 15.0    | 16.5 | 1.5    | 0.02            | -  | 1  | 9  |
| 16.5   | 18.0 | Silty sand as above, more chips as above.   | AS494     | 16.5    | 18.0 | 1.5    | -               | -  | 2  | 9  |
| E.O.H. |      |   |           |         |      |        |                 |    |    |    |

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No ..... 1 .....  
 Hole No ..... RB 19 Line 3 .....  
 Length of Hole ..... 13.5 m. ....

Property, Beaconsfield, Tasmania.  
 Licence No. E.L. 17/73  
 From ..... To ..... Date 11.6.79  
 191064 003

| From   | To   | Auger Drilling to 5.5 m. Rotary to ..... m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as -.<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |    |
|--------|------|---|-----------|---------|------|--------|-----------------|----|----|----|
|        |      |   |           | From    | To   |        | Au              | Ag | As | Cu |
| 0      | 0.3  | Silty Soil, brown (about 0.4 m bulldozed off top of hole).  |           |         |      |        |                 |    |    |    |
| 0.3    | 2.7  | Clay and silty clay, yellow brown, some quite bright. Mottled and streaked with grey. Minor quartz chips.   |           |         |      |        |                 |    |    |    |
| 2.7    | 3.1  | Silty clay, grey to yellow grey and yellow brown.   |           |         |      |        |                 |    |    |    |
| 3.1    | 3.5  | Silty clay, bright red brown, abundant nodules grey clay.   |           |         |      |        |                 |    |    |    |
| 3.5    | 4.3  | Silty clay, pale grey some dark brown mottles.  |           |         |      |        |                 |    |    |    |
| 4.3    | 5.5  | Silty sand and Gravel-yellow brown including quartz chips.  |           |         |      |        |                 |    |    |    |
| 5.5    | 6.0  | Silty clay, dark yellow brown crumbly. Some sand and rock chips.  |           |         |      |        |                 |    |    |    |
| 6.0    | 7.5  | Silty sand some clay, yellow to yellow grey. Chips wth'd grey & brown sdstn.  | ASL95     | 6.0     | 7.5  | 1.5    | -               | -  | 2  | 19 |
| 7.5    | 9.0  | Silty sand, as above, chips more abundant. Drilling easy (wth'd basement?)  | ASL96     | 7.5     | 9.0  | 1.5    | -               | -  |    |    |
| 9.0    | 10.5 | Silty sand, as above but rock chips more weathered. Drilling getting harder   | ASL97     | 9.0     | 10.5 | 1.5    | -               | -  | 41 | 19 |
| 10.5   | 12.0 | Silty sand, pale grey, soft. Chips partly wth'd grey brown qtz sdstn.<br>Drilling now quite hard.   | ASL98     | 10.5    | 12.0 | 1.5    | -               | -  |    |    |
| 12.0   | 13.5 | Silty sand, pale grey, soft as above.   | ASL99     | 12.0    | 13.5 | 1.5    | -               | -  | 2  | 14 |
| E.O.H. |      |   |           |         |      |        |                 |    |    |    |

# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No ...1.....  
 Hole No. RB 50 Line 3  
 Length of Hole 15.0 m.

Property. Beaconsfield, Tasmania.  
 Licence No. E.L. 17/73  
 From ..... To .....  
 191065 06  
 Date 11.6.89

| From | To   | Auger Drilling to 6.5 m. Rotary to ..... m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown<br>Description of core as -.<br>Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |     |  |
|------|------|---|-----------|---------|------|--------|-----------------|----|----|-----|--|
|      |      |   |           | From    | To   |        | Au              | Ag | As | Cu  |  |
| 0    | 0.3  | Silty soil, brown.  |           |         |      |        |                 |    |    |     |  |
| 0.3  | 1.0  | Silty clay, bright yellow brown. Some quartzite chips.  |           |         |      |        |                 |    |    |     |  |
| 1.0  | 1.3  | Silty Clay, pale grey, crumbly.   |           |         |      |        |                 |    |    |     |  |
| 1.3  | 2.3  | Silty clay - yellow brown, bright, crumbly.   |           |         |      |        |                 |    |    |     |  |
| 2.3  | 2.7  | Silty clay, brick red, some yellow brown mottles.   |           |         |      |        |                 |    |    |     |  |
| 2.7  | 3.3  | Silty clay, red brown to orange brown, soft sticky. Patches and zones grey silty clay and red clay.   |           |         |      |        |                 |    |    |     |  |
| 3.3  | 4.8  | Silty clay, yellow brown mottled darker brown, soft sticky.   |           |         |      |        |                 |    |    |     |  |
| 4.8  | 5.4  | Silty clay pale grey brown firm with soft patches.  |           |         |      |        |                 |    |    |     |  |
| 5.4  | 6.5  | Silty clay dark yellow brown, common pebbles quartz and sandstone - gravel layer?   |           |         |      |        |                 |    |    |     |  |
| 6.5  | 7.5  | Silt, pale yellow grey, common fragments wth'd grey brown sdstn. Could be wth'd scree or basements.   | AS500     | 6.5     | 7.5  | 1.0    |                 |    |    |     |  |
| 7.5  | 9.0  | Silty sand, grey brown. Rock chips include sdstn, fresh and wth'd and some black quartzite. Variety could indicate still in scree.  | AS501     | 7.5     | 9.0  | 1.5    | -               | -  | 2  | 21  |  |
| 9.0  | 10.5 | Silty sand, dark grey to bluish grey. Many small fragments fine gr black sdstn as well as wth'd grey brown sdstn. Drilling patchy.  | AS502     | 9.0     | 10.5 | 1.5    |                 |    |    |     |  |
| 10.5 | 12.0 | Silty sand, as above but paler. More grey wth'd sdstn chips but most still black. Sample gives dark scum when washed, possibly graphite.  | AS503     | 10.5    | 12.0 | 1.5    | -               | -  | 20 | 195 |  |
| 12.0 | 13.5 | Silty sand as above. Black sdstn chips could have minor pyrite.   | AS504     | 12.0    | 13.5 | 1.5    |                 |    |    |     |  |
| 13.5 | 15.0 | Silty sand, dark blue grey. Abundant chips f gr black sdstn. When washed get dark grey scum on water, graphite? Drilling quite hard. E.O.H.   | AS505     | 13.5    | 15.0 | 1.5    | -               | -  | 10 | 69  |  |



# ALLSTATE EXPLORATIONS N.L.

# DRILL LOG

Sheet No 1  
 Hole No RB52 Line 3  
 Length of Hole 19.5 m.

Property Beaconsfield, Tasmania  
 Licence No E.L. 17/73  
 From To Date 12.6.79  
 191067066

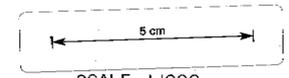
| From | To   | Auger Drilling to 6.0 m.<br>Assays by General Superintendence Co.Pty.Ltd.<br>Gold values less than 0.02 ppm and Ag values less than 1 ppm shown as<br>Description of core -. Hole Vertical. | Sample No | Footage |      | Length | Core assays ppm |    |    |     |  |
|------|------|---|-----------|---------|------|--------|-----------------|----|----|-----|--|
|      |      |   |           | From    | To   |        | Au              | Ag | As | Cu  |  |
| 0    | 0.3  | Silts brown grey-soft.(about 0.5 m bulldozed off top of hole).  |           |         |      |        |                 |    |    |     |  |
| 0.3  | 1.0  | Silty clay,yellow brown,soft,crumbly.   |           |         |      |        |                 |    |    |     |  |
| 1.0  | 2.3  | Silty clay,yellow grey,band soft pale grey silt.Sparse chips vein quartz.   |           |         |      |        |                 |    |    |     |  |
| 2.3  | 3.0  | Silty clay,red brown to brick red,soft,mottled yellow brown.  |           |         |      |        |                 |    |    |     |  |
| 3.0  | 3.5  | Silty clay,grey brown,spft,streaked and mottled brick red,  |           |         |      |        |                 |    |    |     |  |
| 3.5  | 4.0  | Clay,brick red,ferruginous (Lateritic).   |           |         |      |        |                 |    |    |     |  |
| 4.0  | 4.5  | Silty clay,grey,soft streaked brick red.  |           |         |      |        |                 |    |    |     |  |
| 4.5  | 5.0  | Silty clay,pinkish grey,minor quartz chips.   |           |         |      |        |                 |    |    |     |  |
| 5.0  | 5.8  | Silty clay pinkish grey brown,small pebbles quartz & wth'd sdstn.Gravel?  |           |         |      |        |                 |    |    |     |  |
| 5.8  | 6.0  | Silty sand,pale yellow grey with quartz chips.  |           |         |      |        |                 |    |    |     |  |
| 6.0  | 7.5  | Silty sand bright yellow and orange brown,grit,fragments qtz & sdstn.<br>Gravel?  | AS510     | 6.0     | 7.5  | 1.5    | -               | -  | 25 | 27  |  |
| 7.5  | 9.0  | Silty sand,pale yellow grey.Common chips yellow brown wth'd sdstn,& pale<br>grey brown qtz sdstn.Basement?  | AS511     | 7.5     | 9.0  | 1.5    |                 |    |    |     |  |
| 9.0  | 10.5 | Silty sand as above.Sparse vein quartz chips.Getting hard.  | AS512     | 9.0     | 10.5 | 1.5    | -               | -  | 1  | 10  |  |
| 10.5 | 12.0 | Silty sand as above.Common vein quartz chips.drilling quite hard.   | AS513     | 10.5    | 12.0 | 1.5    | -               | -  | 3  | 21  |  |
| 12.0 | 13.5 | Silty sand as above pale grey,no vein quartz chips.   | AS514     | 12.0    | 13.5 | 1.5    | -               | -  | 3  | 10  |  |
| 13.5 | 15.0 | Silty sand as above.Chips wth'd pale grey f-m gr sdstn.   | AS515     | 13.5    | 15.0 | 1.5    |                 |    |    |     |  |
| 15.0 | 16.5 | Silty sand,dark blue grey.Chips f gr dark grey sdstn.Have scum floating<br>on wash water.   | AS516     | 15.0    | 16.5 | 1.5    | -               | -  | 10 | 132 |  |
| 16.5 | 18.0 | Silty sand similar to above.Chips mid grey f gr sdstn.  | AS517     | 16.5    | 18.0 | 1.5    |                 |    |    |     |  |
| 18.0 | 19.5 | Silty sand as above chips more common. E.G.H  | AS518     | 18.0    | 19.5 | 1.5    | -               | -  | 90 | 30  |  |

ALLSTATE EXPLORATIONS N.L.  
E.L. 17/73 BEACONSFIELD TASMANIA

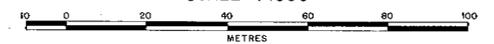
LOCATION OF SHALLOW AUGER, TRICONE DRILLING

TASMANIA REEF AREA - WEST END

LINES 1 & 2 19-1329



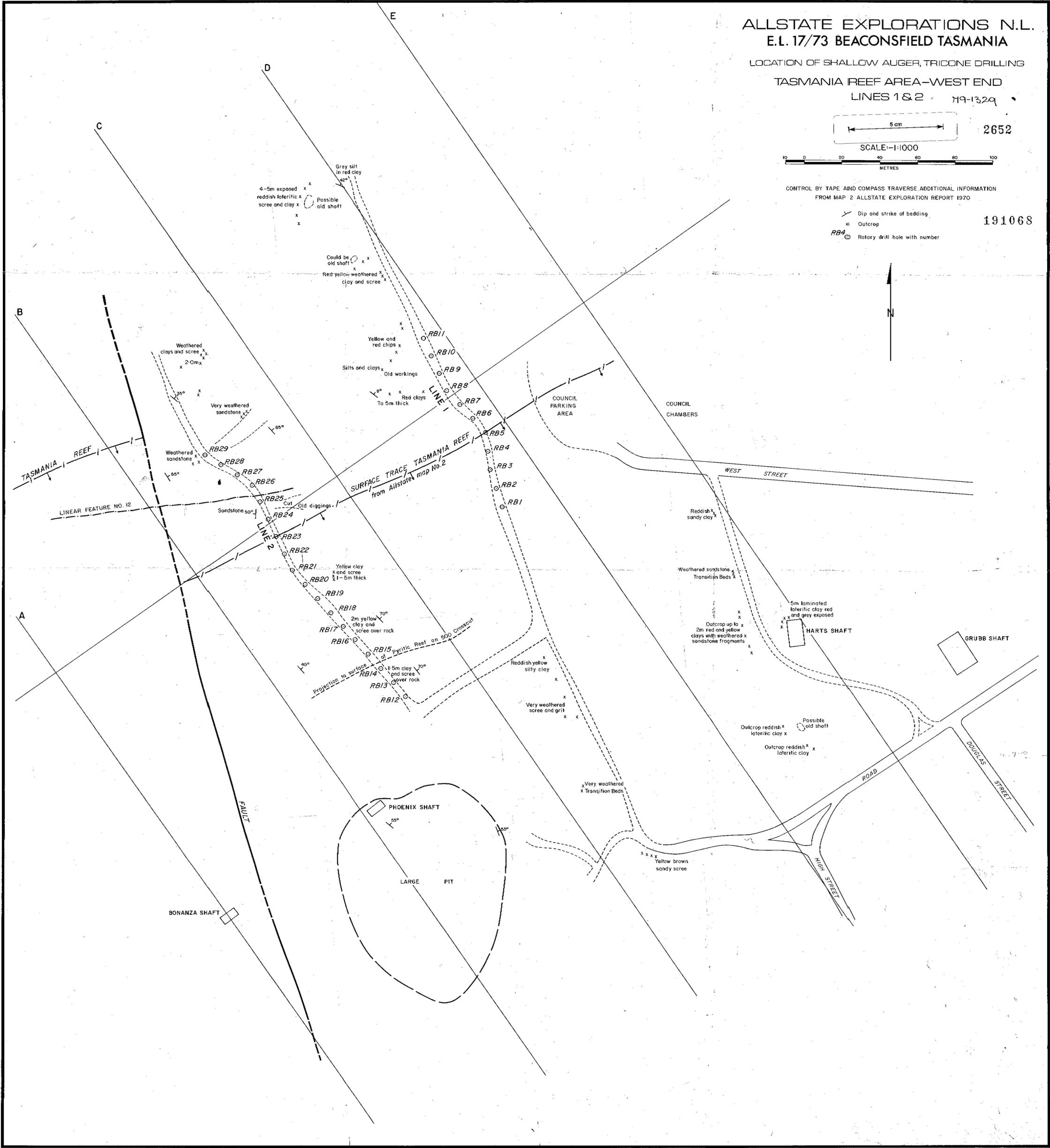
2652



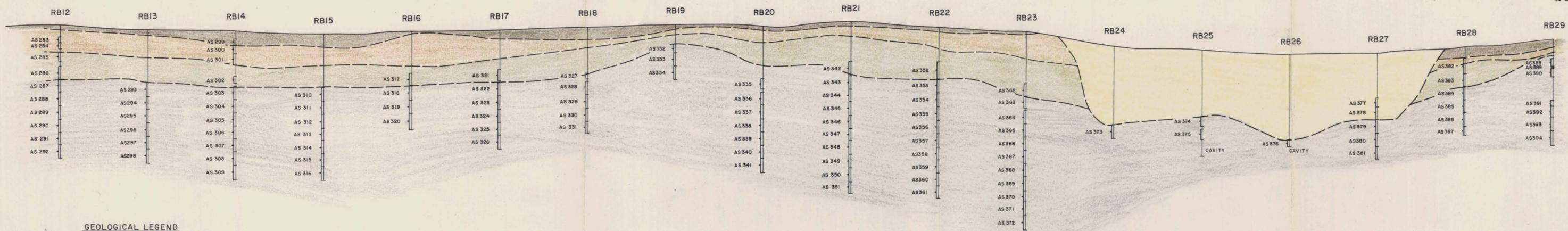
CONTROL BY TAPE AND COMPASS TRAVERSE, ADDITIONAL INFORMATION  
FROM MAP 2 ALLSTATE EXPLORATION REPORT 1970

- ↘ Dip and strike of bedding
- x Outcrop
- RB4 Rotary drill hole with number

191068



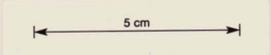
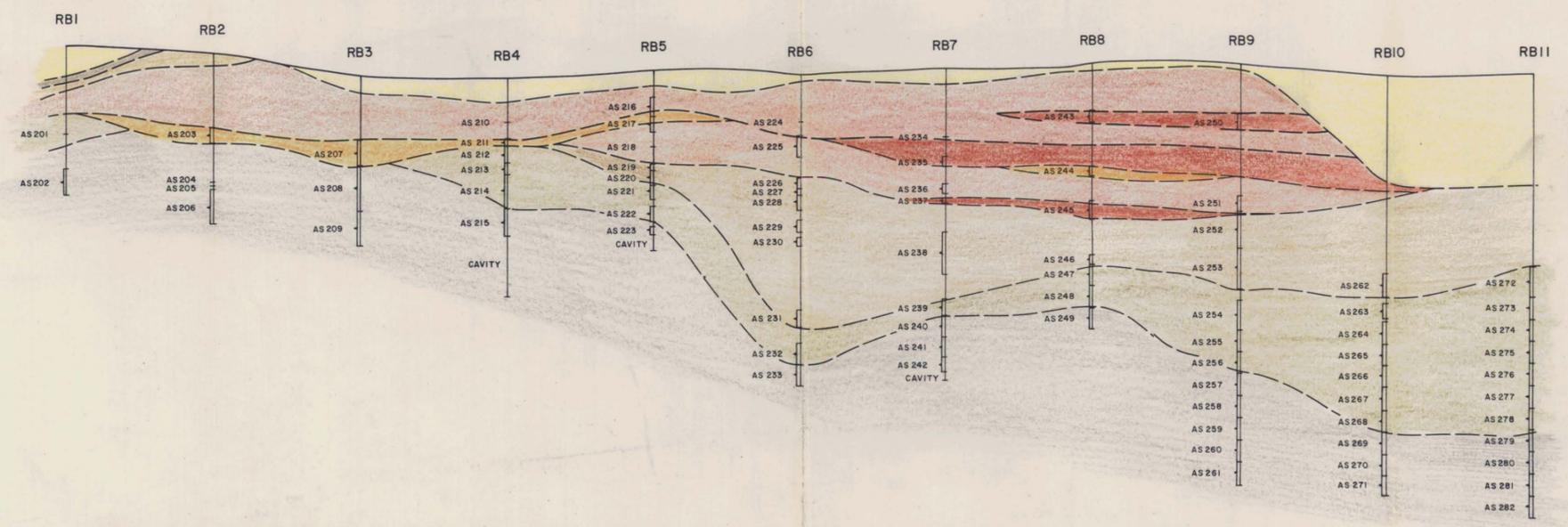
LINE 2



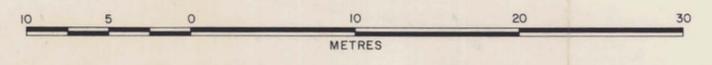
GEOLOGICAL LEGEND

- Semi consolidated fill, gravel, sand, clay etc.
  - Black and dark brown to brown soft fluffy silty top soils with lower horizons of pale brown tuff and grey fluffy silts.
  - Firm crumbly silty clay - usually yellow brown to orange brown - some paler horizons with shales and mottles paler yellow grey and grey sticky clay some silty bands.
- LATERITIC CLAY SEQUENCE
- Brick red, dark red brown, and orange red brown stiff to soft sticky clays - strongly mottled and streaked with pale grey and some yellowish clay. Appears laminated in places - thin horizons of pale grey clay.
  - Orange brown to grey brown softer siltier clay with common sub rounded fragments quartz and sandstone - gravel layers.
  - Soft fluffy silts - silty sand bright orange - yellowish orange and paler yellow.
- Mainly brown to grey brown soft silty sticky clays some yellow brown, yellow brown grey and minor yellow grey crumbly clays some zones with sparse sandstone - quartz fragments.
  - Very weathered scree or residual surface accumulation of transition - beds sandstone. Yellow brown to silty soils clay fragments of weathered grey brown sandstone. Drilling patch.
  - Weathered sandstones fringe grey brown residual fragments in soft yellow grey - grey brown yellow silty soil - drill, thrusts hard, graduated up to above.

LINE 1



SCALE - 1:250

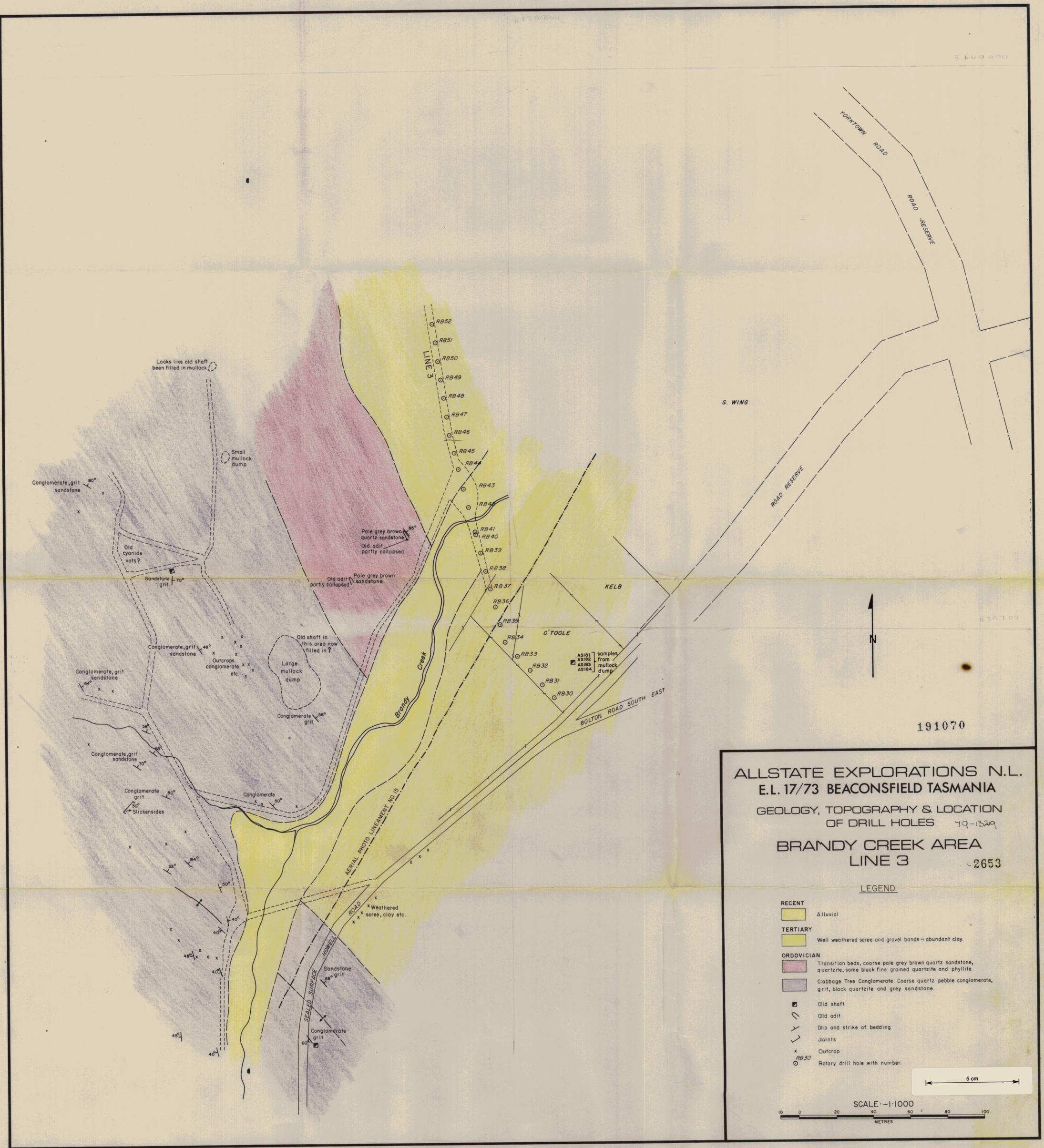
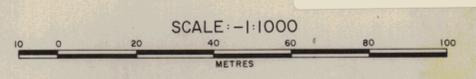


191070

ALLSTATE EXPLORATIONS N.L.  
 E.L. 17/73 BEACONSFIELD TASMANIA  
 GEOLOGY, TOPOGRAPHY & LOCATION  
 OF DRILL HOLES 79-1329  
 BRANDY CREEK AREA  
 LINE 3 2653

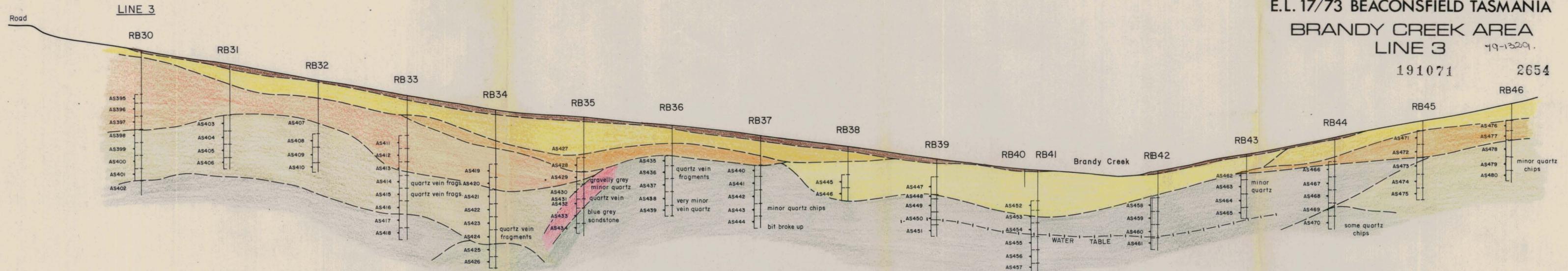
LEGEND

- RECENT**
-  Alluvial
- TERTIARY**
-  Well weathered scree and gravel bands - abundant clay
- ORDOVICIAN**
-  Transition beds, coarse pale grey brown quartz sandstone, quartzite, some black fine grained quartzite and phyllite
-  Cabbage Tree Conglomerate. Coarse quartz pebble conglomerate, grit, black quartzite and grey sandstone
-  Old shaft
-  Old adit
-  Dip and strike of bedding
-  Joints
-  Outcrop
-  Rotary drill hole with number.



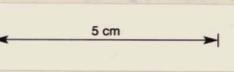
ALLSTATE EXPLORATIONS N.L.  
 E.L. 17/73 BEACONSFIELD TASMANIA  
 BRANDY CREEK AREA  
 LINE 3

191071 2654

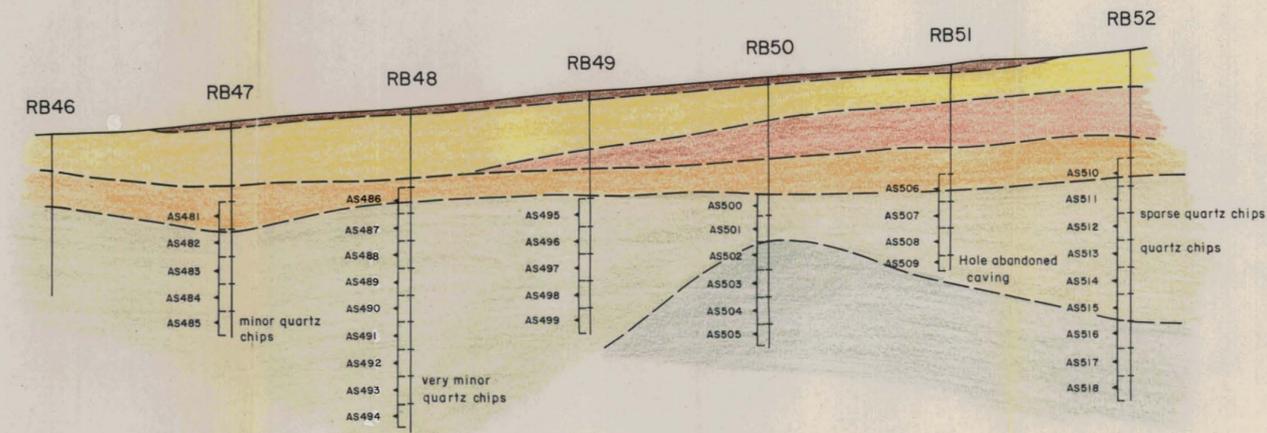
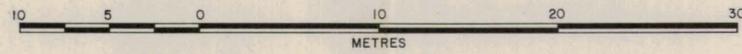


**GEOLOGY**

- Dark brown to black silty topsoil
- Recent stream gravels, sand etc.
- TERTIARY**
- Pale yellow grey to yellowish brown firm clays, silty clays, soft pale grey silts, yellowish grey soft silts
- Red, brick red, red brown and orange brown clays and silty clays often mottled and streaked pale grey (Lateritic Horizon)
- Gravels. Yellow grey, yellow brown and grey silty gravels with small rounded fragments of sandstone and vein quartz
- Yellow brown to yellow grey well weathered scree. Clasts very weathered clay.
- BASEMENT**
- Quartz vein
- Well weathered Pale grey brown to grey fine to medium grained quartz sandstone to quartzite
- Relatively fresh Dark grey to bluish grey fine grained quartz sandstone and siliceous phyllite



SCALE: 1:250



79-1329