PROGRESS REPORT to 15.8.81
EXPLORATION LICENCE 6/81

VICTOR PETROLEUM & RESOURCES LTD

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PROGRESS REPORT TO 15. 8. 81.

EXPLORATION LICENCE 6/81

A. INTRODUCTION

Exploration activities during the three month period consisted of a review of existing geophysical data, and the drilling of several scout holes, with subsequent geological and geophysical logging.

B. DRILLING

6 rotary/percussion scout holes (totalling 694m) were drilled in the area common to both EL 6/81 and EL 31/80, to provide a better understanding of the subsurface geology, and to facilitate geophysical survey interpretation.

The drill hole collar positions are shown in Figures 1 and 2.

C. GEOLOGICAL LOGGING

All 6 holes drilled during the period were lithologically logged, amounting to 694m; written logs of these holes are contained in Appendix 1.

D. GEOPHYSICAL LOGGING

3 drill holes, totalling 347m were caliper, gamma-gamma density, natural gamma, and self potential/resistance logged using a portable SIE T450 E logging unit during the period. The wireline logs of these holes are shown in the attatched sections.

E. SAMPLING

All holes not collared in dolerite had representative 2m samples collected, bagged and stored in the Victor Exploration Pty. Ltd. Campbell Town office.

F. DRAFTING

The 3 holes which were wireline logged were drafted at a scale of 1:100, as per the attatched sections.

G. REVIEW OF GEOPHYSICAL DATA

TCL 81-1645 Consultant geophysicist (Dr. D. E. Leaman) compiled a report on all available geophysical data covering EL 6/81.

The report considered seismic, electrical, wireline logging, magnetic and

gravity data. Leaman was able to identify several areas (Glengarry and south of Del oraine) where the Precambrian or Palaeozoic basement rocks are within 400m of the surface.

However, much of EL 6/81 is poorly covered by geophysical surveys, and further detailed work (magnetics, gravity) is required to allow more accurate definition of areas of thin dolerite and Parmeener Super Group cover.

Other salient features arising from the work by Leaman are recognition of the Tamar Fracture System, an ?ultramafic belt, ?Cambrian volcanics and lower Palaeozoic sedimentary rocks east of the Precambrian Tyenna Geanticline.

In additions, Leaman observed that the thickness of post Carboniferous rocks is generally $\ll$ 2km.

A complete interpretation of the geophysical data review by D. E. Leaman will be included in the renewal application report for EL 6/81.

T. G. Summons.

T. G. SUMMONS
Supervising Geologist,
Tasmania.

31. 8. 81.

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SUMMARY OF ACTIVITIES

EL 6/81

Month	Drilling			Geophysical Logging	
	P/R	Precollar	Diamond	P/R	Diamond
May	-	-	-	-	-
June	155.00	-	-	113.00	-
July	539.00	-	-	234.00	-
Totals:	694.00	-	-	347.00	-

Total Drilling: 694.00m

Total Geophysical Logging: 347.00m

EL 6/81

DRILL HOLE DATA

WOODBURY COAL PROJECT

Hole	Easting	Northing	Collar Elevation (m)	Method/ Contractor	Core		Total Core (m)	Total Depth(m)	Base of Oxidation
					From	To			
W66	542 750	5 328 010	299.47	R/E	-	-	-	113.00	-
W69	544 000	5 327 700	293.39	R/E	-	-	-	143.00	-
W70	545 000	5 327 500	289.64	R/E	-	-	-	242.00	-
W71	531 500	5 330 450	260.00	R/E	-	-	-	91.00	-
W73	528 600	5 331 600	270.00	R/E	-	-	-	70.00	-
W74	527 800	5 332 000	300.00	R/E	-	-	-	35.00	-

R - Rotary/Percussion drill hole.

E - Exploration drilling.

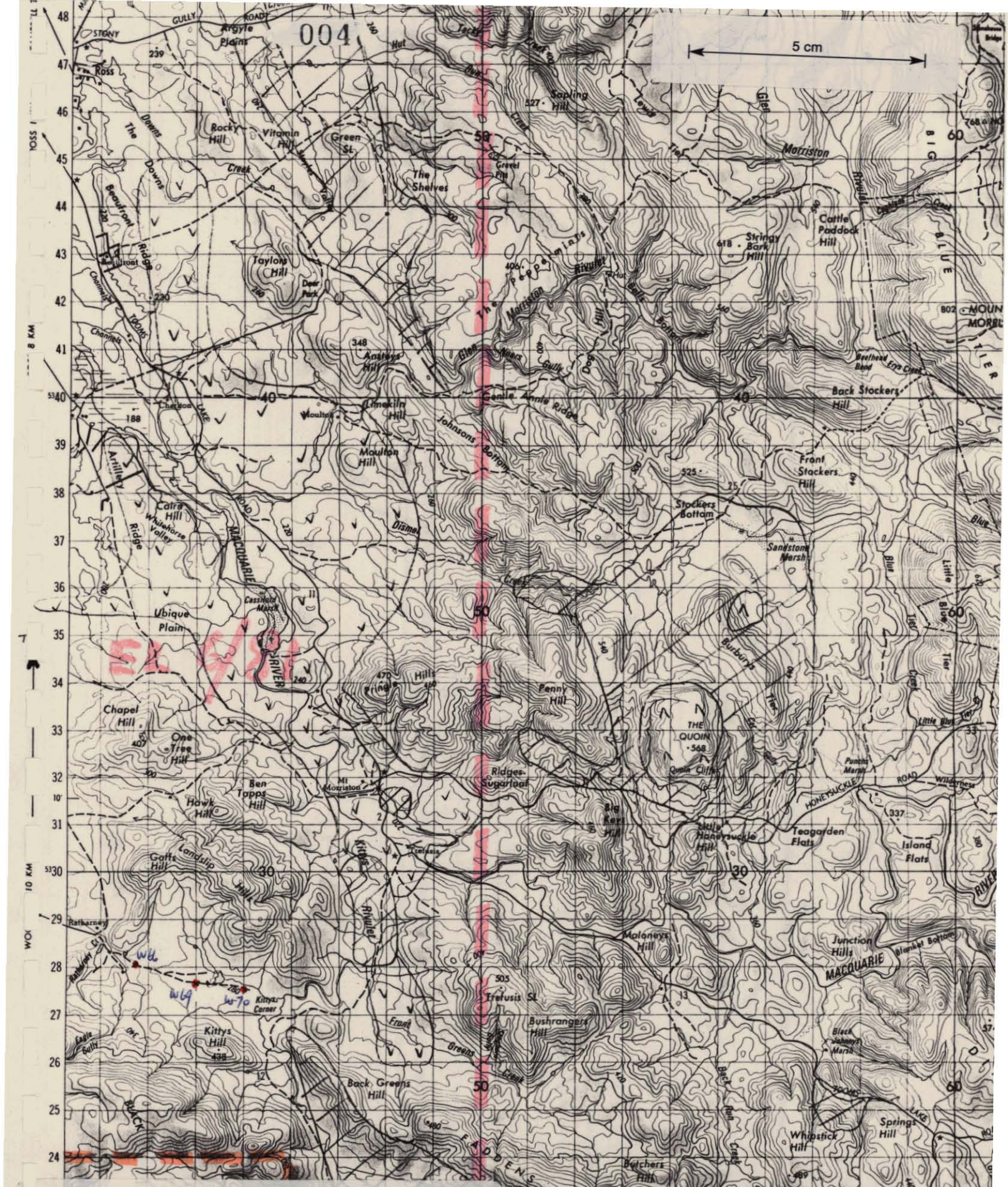

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Figure 1.

Location of Drill Holes W66,69,70

Scale 1:100,000

Part of Little Swanport, Sheet 8413

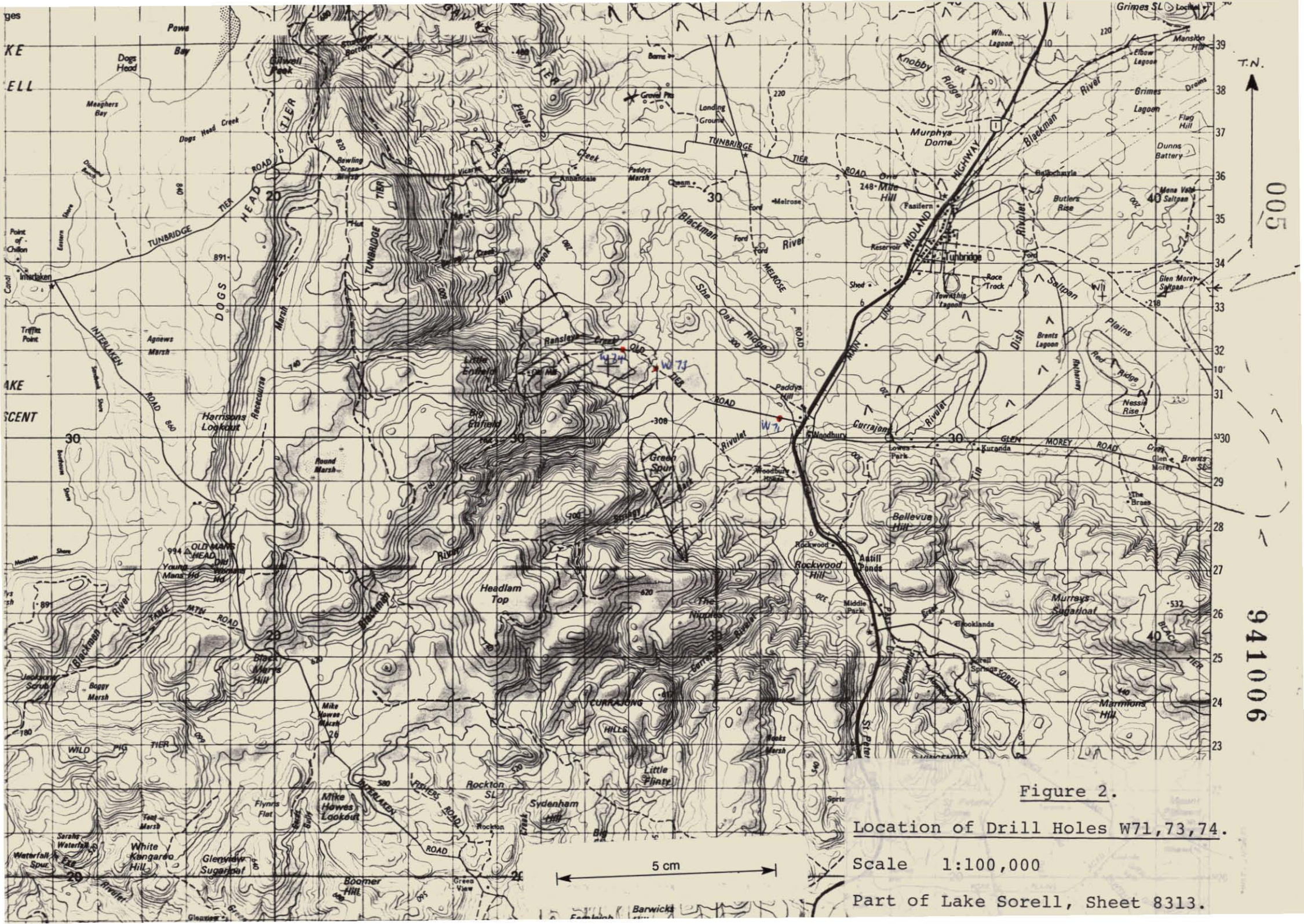

Figure 2.

Location of Drill Holes W71,73,74.

Scale 1:100,000

Part of Lake Sorell, Sheet 8313.

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941007

EL 6/81

APPENDIX 1

OPEN HOLE LITHOLOGICAL LOGS

DRILL LOG RECORD - WOODBURY

Hole No.	Co-Ordinates		Collar Elevation	Date
	Easting	Northing		
W66	542 700	5 328 000	299.47	

Depth in Metres	Description
0-2	Broken dolerite and soil
2-4	Broken dolerite and soil, 4-6 m strong oxidation
4-10	Dolerite, medium grey, fresh and medium weathered
10-14	Dolerite, fresh and fine grained
14-16	As above with some medium weathered
16-22	Dolerite, medium weathered
22-28	Dolerite (fresh) 70%, dolerite, medium weathered 30%
28-34	Dolerite (fresh) with calcite
34-40	Dolerite (fresh) 90%, dolerite (medium weathered) 5%, 5% very weathered dolerite, uphole contamination
40-46	Dolerite, fresh 75%, doler-te medium weathered 15%, calcite 10%
46-52	Dolerite, fresh 90%, dolerite, medium weathered 10%
52-58	As above with calcite
58-66	Dolerite fresh 80%, dolerite medium weathered 10%
66-76	Dolerite, medium weathered, 2%, dolerite, fresh 60%, calcite.
76-82	Dolerite, medium weathered and slightly weathered
82-88	As above with calcite veining and possible chloritization
88-96	Dolerite, fresh with increasing grain size
96-100	Fresh dolerite
100-106	Fresh dolerite with calcite
106-112	Dolerite, fresh, small grain size
112-114	Dolerite, fresh with small grain size and calcite veining.

TOTAL DEPTH- 114m

DRILL LOG RECORD - WOODBURY

Hole No.	Co-Ordinates		Collar Elevation	Date
	Easting	Northing		
W69	544 000	5 327 700	293.39	

Depth in Metres	Description
0-2	Broken dolerite and soil
2-6	Weathered dolerite
6-8	Dark grey dolerite continues throughout hole, becomes greenish in colour at 60m. Note: 84m in W66 is very similar
	NB: This hole was pumping 200 gallons/hour of water which caused its abandonment
8-115	Fresh dolerite with small grain size.
	TOTAL DEPTH 115m

DRILL LOG RECORD - WOODBURY

Hole No.	Co-Ordinates		Collar Elevation	Date
	Easting	Northing		
W70	545 000	5 327 500	289.64	

Depth in Metres	Description
0-2	Weathered dolerite and soil
2-6	Dolerite, medium weathered, dolerite, highly weathered 20%, some calcite and clay minerals
6-8	Dolerite as above except about 60% weathered calcite as above
8-14	As above, some oxidation; calcite about 10% of sample
14-16	Dolerite, medium and highly weathered, small amounts of calcite; 30% clay and clay minerals
16-26	Dolerite, medium weathered with calcite veining, fewer clay minerals - 10%
26-32	Dolerite, fresh 80%, dolerite in various stages of decomposition 10%, calcite 2%.
32-34	As above, varous clay minerals, calcite 3%
34-38	Dolerite (fresh) 80%, dolerite weathered 17%, calcite 3%
38-44	Dolerite, fresh and unweathered, clay minerals 1%
44-50	Dolerite, fresh, dolerite, highly weathered 15%
50-56	Dolerite, weathered brown colour, 20%, clay minerals 20%, dolerite, fresh 50%, calcite 10%
56-66	Dolerite, fresh 90%, dolerite, highly weathered 10%
66-68	Dolerite (fresh) 90%, with calcite veining
68-74	Dolerite, fresh, with calcite veining, some clay minerals 5%
74-80	Dolerite, fresh 50%, dolerite highly weathered 45%, calcite 5%
80-86	Dolerite as above but clay minerals present
86-96	Dolerite, fresh 70%, dolerite, weathered 20%, calcite 10%
96-102	Dolerite, fresh 75%, dolerite weathered 20%, calcite 5%, associated clay minerals
102-110	Dolerite, fresh 35%, dolerite, weathered 45%, calcite 15%, clay minerals
110-114	Dolerite as above, calcite may be slickensided
114-132	Dolerite, weathered 20%, calcite 10%, dolerite, fresh, 45%
132-140	Dolerite, highly weathered, plus calcite and clay minerals, 10%, dolerite, brown and medium weathered 40%, dolerite fresh 15% .
140-158	Dolerite, fresh 20%, dolerite medium weathered 40%, dolerite, highly weathered 10%, calcite 15%, clay minerals 15%
158-170	Dolerite, fresh 20%, dolerite medium weathered 60%, dolerite highly weathered 10%
170-176	Dolerite, fresh 60%, and in various stages of decomposition Calcite may be slickensided
176-182	Dolerite, fresh 20%, dolerite, highly weathered 40%, calcites slickensided

DRILL LOG RECORD - WOODBURY

941011

Hole No.	Co-Ordinates		Collar Elevation	Date
	Easting	Northing		
W70				

Depth in Metres	Description
182-204	Dolerite (medium weathered) 40%, dolerite, highly weathered 20%, dolerite, fresh 20%, calcites slickensided, clay minerals
204-216	Dolerite, medium weathered 50%, dolerite, fresh 30%, dolerite, highly weathered, 10%, calcite 10%, clay minerals 10%
216-224	Dolerite medium 50%, dolerite, fresh 20%, dolerite highly weathered, 40%, calcite, clay minerals
224-230	Dolerite as above, percentages vary only slightly, not more than 5%.
230-238	Dolerite,medium, 40%, dolerite, highly weathered 20%, dolerite, fresh 30%, calcite veining, clay minerals
238-242	Dolerite, fresh 10%, dolerite medium 40%, - here ghost fabric is very apparent, calcite 10% and slickensided, clay minerals are associated, about 10-15% of the samples

TOTAL DEPTH - 242m

DRILL LOG RECORD - WOODBURY

Hole No.	Co-Ordinates		Collar Elevation	Date
	Easting	Northing		
W71				21.7.81

Depth in Metres	Description	
0-4	Dolerite, weathered, clay soil, orange in colour	Oxidized Zone
4-6	Dolerite, weathered, brown/orange colour	
6-8	Dolerite, highly weathered dolerite, dolerite medium weathered	
8-12	Dolerite, medium weathered, dolerite, fresh 80%, calcite 5%	
12-20	Dolerite, fresh 75%, dolerite medium weathered 25%, calcite 5%, clay minerals present	
20-26	Dolerite, fresh 85%, dolerite, medium weathered 10%, calcite 5%	
26-38	Dolerite, fresh 95%, calcite 5%	
38-48	Dolerite, fresh 95%, calcite 5%, some down hole contamination 2-3%	
48-68	Dolerite, fresh 95%, calcite 5%, some downhole contamination however only between 1-2%	
68-76	Dolerite, fresh with some calcite veining present, medium and highly weathered dolerite 5%, clay minerals present.	
76-84	Dolerite, fresh 95%, calcite 5%	
84-90	Dolerite, fresh 90%, calcite 5%, downhole contamination 5%	
90-91	Dolerite, fresh and fine grained 90%, calcite 5%, contamination 5%.	

TOTAL DEPTH 91m

Note; Hole pumped 1000 gallons/hour of water

012 DRILL LOG RECORD - WOODBURY 941013

Hole No.	Co-Ordinates		Collar Elevation	Date
	Easting	Northing		
W73				22.7.81

Depth in Metres	Description
0-6	Weathered and broken dolerite
6-12	Dolerite, broken and medium weathered
12-14	Dolerite, medium weathered 40%, Sandstone red 40%, Sandstone, white quartzose 10%, white clay 10%
14-18	Dolerite, medium weathered 30%, sandstone, white 5%, sandstone, red 70%, clay minerals 5%
18-20	Sandstone, red 35%, sandstone, white 20%, dolerite, medium weathered 35%, clays 10%.
20-24	Dolerite, medium weathered 45%, snadstone, white 20%, sandstone, red 20%, clay minerals 15%.
24-30	Sandstone, red 50%, sandstone, white 20%, dolerite 20%, clay minerals 10%.
30-36	Sandstone red 30%, dolerite, medium weathered 10%, sandstone white, 15%, clay minerals - white 30%.
36-38	Dolerite 15%, sandstone white 20%, sandstone red 40%, clay minerals 15%.
38-42	Dolerite 10%, sandstone, white 35%, sandstone red 25%, clays 3%
42-50	Sandstone red, 40%, dolerite 10%, sandstone white 25%, clay minerals 15%
50-54	Sandstone, red 70%, sandstone white 10%, dolerite 10%, clay minerals 10%
54-56	Dolerite, sandstone white 10%, sandstone red 20%, clay minerals
56-60	Sandstone red 60%, sandstone white 10%, dolerite medium weathered 20%, clay minerals
60-64	Dolerite 45%, sandstone white 10%, sandstone red 10%, clay minerals
64-66	Dolerite 45%, sandstone, white 20%, sandstone red 5%, clay mineral
66-68	Dolerite 40%, sandstone red 5%, mudstone, dark grey 5%, sandstone white 5%, clay minerals
68-71	Dolerite 70%, fresh and medium grained. Some sediments present but due to downhole contamination

TOTAL DEPTH 71m