PROGRESS REPORT – June 1981

E.L. 16/79 – Georgetown

Avoca Transport

81-1563

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964002 81-1563

Auger holes

Hole 1. Sample

300m N of aerodrome. 20m E of road.

		Comments
Depth	0	Drilling Easy.
Alluvial Sands	25'	Hole Wet.
2' clay band 2'	25'	Penetration Good.
Clay 2 carbonaceous	28'	
Balls 3mm ø		

2. Nil

20m N of aerodrome due W of water tower

Depth	28'	Wet Clays.
		Penetration Good.

3. Nil

300m W of side road.

Depth	16'	Clays dry.
		Very tight.

4. Sample

150 N of 3.

Depth	16'	Clayey sands.
		Wet

5.

Sands, dark clay	28'	

100m N of sample 2.

Depth	28'	Green clay.
		Sand.
		Penetration Fair.

6.

Depth	17'	Clay dry.
		Very tight.
		Light tan clay last 2 feet.

7.

Depth	13'	Clay dry.
		Extremely tight.

8.

Depth	11'	Moist tan clay.
		Very tight.

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9.		
Depth	9'	Moist dark brown clay. Very tight.
10.		
Depth	16'	Wet tan clay. 100 metres S of fall tree showing sandstone.
11.		
Depth	7'	Black soil (very tight).
12.		
Depth	6'	Tan clay solid at bottom of hole.
Hole done at bottom of Dolerite hill as couldn't get through up top.		
13.		
Depth	9'	Sand or something hard underneath.
Over top of hill along side fence.		
14.		
Depth		No. 1. 2ft clay
Drilled two holes up the valley of No. 2 struck hard rock 14.2. About 4 metres NE of No. 1 as I thought I might have struck a floater first.		No. 2. 5ft clay 46 at 200m?
15.		
100m N of 11.	0	Soil and sand.
	20	Clays.
	26	Wet clay, sands. Refusal.
16.	28'	As above.
17.	28'	As above.
18.	28'	As above.

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Barkhan test pits

Hole No. 6.

0
1.0 Top soil and sand white.
4.2 Green sand. Clay. Padded.

Hole No. 7.

0
1.0 Top soil and sand.
1.5 P. Clay.
3.5 Sandstone.

Hole No. 8.

0
1.0 Top soil & brown sand.
4.00 Green clay sand. W road.

Hole No. 9.

0
1.0 Top soil and sand.
1.6 Green clay sand.
2.0 Green sand clay with roots and white lines like shellfish.
4.0

Hole No. 10.

0
0.3 Topsoil.
3.2 P. Clay.
3.6 Green Clay.

Hole No. 11.

All white sand down to 2m. Only kept falling in.
No samples.

Hole No. 12.

0
1.0 Topsoil & sand.
3.0 Clay green to dark green.
4.0 Very dark green clay with fragments .3- also contains a layer of Decomposed Roots (I think).

Hole No. 13.

0
0.6 Topsoil and sand.
0.9 Handspar.

4.0 Sand.
Strong smell of sulphur from this hole.

Hole No. 14.
0
0.7 Top soil.
3.0 Sand
3.6 Hard white sand.

Hole No. 15.
0
0.6 Topsoil and sand.
1.8 Clay
3.00 Sandstone to hard rock bottom.

Hole No. 16.
Sand all the way. Kept falling in.
No samples.

Hole No. 17.
0
0.30 Topsoil Sand.
2.2 Clay
2.3 Hard stuff.
Sample in Bag no. 17.

Hole No. 18.
0
0.3 Topsoil.
3.6 Sand.

Hole No. 19.
0
1.6 Topsoil and sand. Loose. Units coarse.
3.2 Hard sand.
3.6 Sandstone (Rotten).

Hole No. 20.
0
0.8 Topsoil and sand.
4.0 Soft decomposed rock getting harder as is went down.

Hole No. 21.

0

1.1 Topsoil and sand.

3.8 Decomposed soft rock getting harder with solid rock through it.

Hole No. 22.

0

3.6 Topsoil and sand.

3.8 Layers of Black dirt with tree roots (like a pine).

Hole No. 23.

0

0.6 Red soil.

1.2 Rocky.

3.8 Sand white and yellow.

Hole No. 24.

0

3.0 Sand & soil.

3.5 Layers of dirt and compost.

3.8 Sand.

Hole No. 25.

Sand, kept falling in, too much water. No sample.

Hole No. 26.

0

1.8 Sand. Kept falling in, too much water. No sample.

Hole No. 27

0

1.2 Topsoil and sand.

2.3 Soft hardspan.

4.0 Sand, brown.

Hole No. 28. (Creek)

0

1.2 Topsoil and sand.

3.6 Gravel

3.9 Shale. 2 samples.

Hole No. 29.

0	
1.6	Topsoil & Sand.
2.2	Layers of gravel loose.
3.7	Stone & loose gravel - .450.
4.0	Soft shale grey.

Hole No. 30.

0	
1.0	Sand.
1.4	Topsoil. Black dirt.
2.2	Green Clay.
3.0	Decomposed rock. Rocks stopped going deeper.

Hole No. 31.

0	
0.5	Topsoil and sand.
1.8	Green clay P.
4.1	Green and black decomposed rock. Deeper it went the blacker it was. Solid stone was -.1.

Hole No. 32.

0	
1.0	Sand
3.0	Decomposed rock with green sand. Rock going from small to -.2 at the 3 metre level.

Hole No. 33.

Same as No. 32. No sample.

Hole No. 34.

0	
1.5	Sand
2.6	Decomposed rock getting solider.

Hole No. 35.

0	Topsoil
3.8	Sand.
3.9	Start of green sand and decomposed rock.

Hole No. 36.

0	Fine sand.
2	Sand quartz, then rocks -3.00.

Hole No. 37.

0

0.6 Topsoil & Sand.

1.8 Plasticised green clay.

3.9 Sand.

Hole No. 38.

0

0.4 Topsoil.

1.6 Green clay P.

4.0 White Sand to quartz.

Hole No. 39.

0

4.0 White to yellow sand.

Hole No. 40.

0

3.2 Sand white.

3.7 Black sand.

Hole No. 41.

0

0.8 Sand.

1.2 Black pucky dirt.

2.2 Green clay P. going into white sand.
2 samples.

Hole No. 42.

0

3.6 Sand. White.

Hole No. 43.

0

2.0 Sand kept falling in.

Hole No. 44.

0

0.3 Topsoil and sand.

2.6 Green clay P/a.

4.0 Sand.

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Hole No. 45.

0	
0.5	Topsoil.
1.5	Clay. Brown.
3.8	Green sand.

Hole No. 46

0	
0.3	Topsoil.
3.7	Sand.

Hole No. 47.

0	
2.1	Sand.
2.4	Stone
	(Stopped)

Hole No. 48.

0	
0.5	Topsoil.
1.1	Clay P.
3.0	Green sand.

Hole No. 49.
Below Hill

0	
0.4	Topsoil.
1.2	Brown clay.
2.1	Green sand.
32.	Brown sandstone into decomposed rock and green sandstone at bottom.

Hole No. 50.

0	
0.1	Topsoil.
0.3	Sand.
0.7	Black dirt.
3.3	Sand white.
3.5	Hard green quartz sand. Stone.

Hole No. 51.

1.0	Topsoil.
3.0	Sand white.
3.8	Quartz sand.

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Hole No. 52.

0

1.0 Sand.

2.5 Dark Sand.

3.3 Lighter. Dark sand.

4.0 Decomposed rock to green sand.

Hole No. 53.

0

2.5 All sand. Kept washing in.

Hole No. 54.

0

0.1 Topsoil.

2.1 Black dirt.

3.8 Green clay sand.

Hole No. 55.

0

3.0 Sand.

3.5 Black Dirt.

3.9 White sand.

Hole No. 56.

0

0.6 Topsoil and sand.

3.6 Sandstone.

Solid.

Hole No. 57.

0

1.3 Sand.

1.6 Layer grey sand.

3.7 Green sand. Strong smell of sulphur.

4.0 Black sticky sand.

Hole No. 58.

0

3.0 Sand.

3.3 Dry green compacted sand.

3.5 Rock -.3.

Hole No. 59.

0	
0.6	Sand.
0.8	Topsoil.
3.8	Sand and green sand.
4.6	Decomposed rock and sand.

Hole No. 60.

0	
3.8	Sand.
4.0	Brown and green. Decay. Some rock -.2.

Hole No. 61.

0	
1.4	Sand.
3.7	Brown and green clay.

Hole No. 62.

0	
1.4	Topsoil and sand.
3.5	Brown sand.

Hole No. 63.

0	
0.5	Topsoil and sand.
0.8	Dirt full of rotting matter.
3.5	Plasticised green clay.
3.8	Sand white.

Hole No. 64.

0	
0.15	Topsoil.
1.0	White sand.
3.8	White and brown sand.

TASMANIA 1:25 000 SERIES

964012 LOW

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5 cm

BASS STRAIT

Auger Hole Depth (Ft)

1	28
2	28
3	16
4	26
5	28
6	27
7	13
8	11
9	9
10	16
11	7
12	6
13	9
14	12
15	26
16	27
17	27
18	25
19	3 Drawdown

Backhoe Test Pit Depths (m)

1	3.5	34	2.6
2	1.0	35	3.9
3	4.0	36	2.8
4	3.4	37	3.9
5	0.6	38	4.0
6	4.2	39	4.0
7	3.5	40	3.7
8	4.0	41	3.6
9	4.0	42	3.6
10	3.6	43	2.0
11	3.4	44	4.0
12	4.0	45	3.8
13	4.0	46	3.7
14	3.6	47	2.4
15	3.0	48	3.0
16	3.6	49	3.2
17	2.5	50	3.5
18	3.6	51	3.6
19	3.6	52	4.0
20	4.0	53	2.5
21	3.8	54	3.8
22	3.8	55	3.9
23	3.8	56	3.6
24	3.8	57	4.0
25	0.5	58	3.5
26	1.8	59	4.0
27	4.0	60	4.0
28	3.9	61	3.7
29	4.0	62	3.5
30	3.0	63	3.6
31	4.1	64	3.8
32	3.0		
33	3.0		

⊞ Backhoe Test Pits
⊙ Auger Drill Holes

NOTE BACKHOE HOLES without Numbers indicate no significant change from adjacent holes

LOW HEAD
BEACONSFIELD 41
NORTH EXTON
PORT SEA
DALRYMPLE
GEORGE TOWN
KELSO
Five Mile Bluff
Four Mile Bluff
Long Flat
Potato Hill
Slippers Hill
Cimitiere Plain
The Buffalo
George Town Sugarloaf
Low Head Lighthouse
LIGHTHOUSE RESERVE
LOW HEAD COASTAL RESERVE
Dotterel Point
PILOT STATION RESERVE
Pilots Bay
Cordell Point
Lagoon Bay
Friend Point
She Oak Point
Marion Villa
MARRAM GRASS NURSERY RESERVE
COMMONWEALTH DEFENCE
AERODROME
WATER RESERVE
MUSK
VALE
TUPPENT
DALRYMPLE NORTH
DALRYMPLE SOUTH
BEACONSFIELD 41

PROJECTION: Universal Transverse Mercator (UTM).
HORIZONTAL DATUM: Australian Geodetic Datum 1966.
VERTICAL DATUM: Australian Height Datum (Tasmania) excepting offshore islands whose datum is mean sea level.
GRID: 1000 metre intervals of the Universal Transverse Mercator.

Built-up area with commercial centre
Roads maintained for continuous public use: Primary road (sealed); Secondary road; Bridge (unsealed); Minor road
Caravan park; Camping ground

SCALE 1: