

GEOLOGICAL DRILL HOLE LOG

551069

<u>PROJECT</u>	: S.E. Tasmania	<u>HOLE NO.</u>	: T8
<u>TENEMENT</u>	: E.L. 30/80	<u>AMG CO-ORDINATES</u>	: EN 023971
<u>DATES</u>	: 3/3 - 8/3/83		
<u>COMPANY</u>	: H.J. Stacpoole	<u>R.L.</u>	: 435m
<u>DRILLER</u>	: W. Bald	<u>ORIENTATION</u>	: -
<u>RIG</u>	: Fox Mobile B80	<u>DEPRESSION</u>	: vertical
<u>BITS</u>	: 152mm hammer: 0-6m 121mm blade: 6-12.4m Diamond: 12.4-18.07m	<u>TOTAL DEPTH</u>	: 88.0m
	: 102mm hammer: 18.07-88m	<u>WATER DEPTH</u>	:
<u>CORE SIZE</u>	: HQ	<u>CASING</u>	: 6m
<u>LOGGED BY</u>	: G. Torr	<u>COMMENTS</u>	: Water flow several tens of litres/hr from 30m. Bicarbonate of soda taste. Hole abandoned:- increasing water pressure caused slow penetration and poor recovery.

FROM (m)	TO (m)	INTERVAL (m)	DESCRIPTION
0	2	2	BOULDER SCREE. Boulders of dolerite: fresh, dark grey, hard; in dark brown, crumbly soil.
2	4	2	MUDSTONE. Firm, weathered. Buff.
4	6	2	LITHIC SANDSTONE. Weathered. Buff. Medium grained.
6	8	2	LITHIC SANDSTONE. Unweathered. Grey. Medium grained.
8	14	6	LITHIC SANDSTONE. Hard, massive. Grey. Fine. Part calcareous. Occasional bands grey mudstone. Minor veins calcite.
14	18	4	MUDSTONE. Firm. Grey. Poorly banded, with fine lithic part calcareous sandstone (increasing with depth).
18	34	16	LITHIC SANDSTONE/SILTSTONE. Poorly sorted, mixed. Range mudstone to fine sandstone; part calcareous. Minor carbonised plant remains and carbon smears on joints. 26-28m: traces black coal. 32-34m: Minor black coal.
34	44	10	MUDSTONE. Grading to very fine lithic sandstone/siltstone with depth. 34-38m: Traces black coal.
44	52	8	LITHIC SANDSTONE. Grey. Fine. Part calcareous. 48-52m: with 40% grey mudstone and minor black coal fragments.
52	54	2	MUDSTONE. Grey. 30% very fine lithic sandstone.
54	56	2	LITHIC SANDSTONE. Very fine. 30% mudstone and siltstone.
56	66	10	MUDSTONE. Light grey. 20% very fine lithic sandstone. Grading with depth to SILTSTONE: grey; with 20% mudstone and very fine lithic sandstone. Minor carbonised plant fragments.
66	68	2	LITHIC SANDSTONE. Fine to medium
68	72	4	SILTSTONE. Grey. Range mudstone to fine lithic sandstone.

FROM (m)	TO (m)	INTERVAL (m)	DESCRIPTION
72	78	6	MUDSTONE. Green-grey. Dark grey siltstone increasing to 50% with depth. Minor carbonised plants and traces black coal.
78	80	2	LITHIC SANDSTONE. Grey. Fine.
80	86	6	SILTSTONE/LITHIC SANDSTONE (very fine) Grey to dark grey.
86	88	2	MUDSTONE. Grey/dark grey/green-grey. 40% mixture of fine lithic sandstone, dark grey siltstone and one fragment of tuff(?) (very hard, silicified, grey, with green fragments or shards). Trace coal and carbonised plant fragments.
	END		