

GEOLOGICAL DRILL HOLE LOG

551073

<u>PROJECT</u>	: S.E. Tasmania	<u>HOLE NO.</u>	: T10A
<u>TENEMENT</u>	: E.L. 30/80	<u>AMG CO-ORDINATES</u>	: DP 666047
<u>DATES</u>	: 14/3-15/3/83		
<u>COMPANY</u>	: H.J. Stacpoole	<u>R.L.</u>	: 300m
<u>DRILLER</u>	: W. Bald	<u>ORIENTATION</u>	: -
<u>RIG</u>	: Fox Mobile B80	<u>DEPRESSION</u>	: vertical
<u>BITS</u>	: 152mm hammer: 0-7m Diamond: 7-21.3m	<u>TOTAL DEPTH</u>	: 21.3m
		<u>WATER DEPTH</u>	:
<u>CORE SIZE</u>	: HQ	<u>CASING</u>	: 6m
<u>LOGGED BY</u>	: G. Torr	<u>COMMENTS</u>	: required depth

FROM (m)	TO (m)	INTERVAL (m)	DESCRIPTION
0	7	7	NO CORE
7.00	7.90	0.90	MUDSTONE. Soft, weathered, moderately broken. Buff to grey. Rare fragments black coal at top.
7.90	10.10	2.20	SANDSTONE. Soft, weathered. Light brown to brown-grey. Very fine. Lithic(?)
10.10	11.20	1.10	MUDSTONE. Soft, weathered, broken. Light grey-brown to grey.
11.20	13.00	1.80	SANDSTONE. Soft, weathered. Light brown. Very fine. Lithic(?). Bedding at 80° to long core axis.
13.00	14.54	1.54	LITHIC SANDSTONE. Base of weathering at 13.00m sharp. Soft, unweathered sandstone. Grey. Very fine, becoming fine with depth. Bedding defined by coal wisps and carbon layers at 70-90° to long core axis. Occasional carbonised plant remains.
14.54	15.06	0.52	MUDSTONE. Soft, unweathered. Grey. Laminated at 80° to long core axis. Small scale scour and fill indicates right-way-up.
15.06	15.15	0.09	LITHIC SANDSTONE. Soft. Grey. Very fine. Upper contact, sharp, at 50°; lower, sharp, at 80° to long core axis.
15.15	16.85	1.70	MUDSTONE. Soft. Dark grey. Laminated, carbonaceous(?) Dark brown streak. Becoming very soft, broken at bottom indicating fault zone. Trace pyrite.
16.85	17.41	0.56	LITHIC SANDSTONE. Grey to dark grey. Very fine. Banded with mudstone at 80° to long core axis.
17.41	18.15	0.74	MUDSTONE. Soft, very broken. Grey to dark grey. Occasional black coal fragments. 17.72-17.74: fault zone.
18.15	18.49	0.34	COAL. Broken. Black. Dull-banded. 1% pyrite. Central to lower section very low density. Upper 10cm is more of a coaly mudstone.
18.49	19.50	1.01	MUDSTONE. Soft. Dark grey. Occasional carbonised plant fragments.

FROM (m)	TO (m)	INTERVAL (m)	DESCRIPTION
19.50	19.56	0.06	COAL. Broken. Dull-banded. 1% pyrite. Banding at 80° to long core axis.
19.56	19.68	0.12	LITHIC SANDSTONE. Medium grained.
19.68	21.06	1.38	MUDSTONE. Soft. Grey to dark grey. Banded with very fine lithic sandstone, increasing with depth. Banding at 80° to long core axis.
21.06	21.30	0.24	LITHIC SANDSTONE. Grey. Fine. Occasional very thin bands coaly material (1mm).
	END		