

GETTY OIL DEVELOPMENT CO. LTD.
PERCUSSION DRILLING LOG.
LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. **W/4**

LOCATION 1.2 miles SE. of EVANDALE

COORDS N E

TOTAL DEPTH 114 FT.

COLLAR ELEV. 559' A.S.L.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL STARTED 9/1/1973

GAMMA LOGGED D. TOWREY

GEOL. LOGGED R.J. WILLINK

HOLE DIAMETER 4 1/2"

PROBE DIAMETER

COMPLETED 9/1/1973

SHEET 1 OF 1

SCALE 10 FEET = 1 INCH.

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	<u>PEBBLY CLAYEY SILT</u> Small brown colour, top soil Brown colour due to liming st. Predom silt in minor clay matrix. Common 2-3% pebbles of ironstone 1/4-1/2" rounded, and 9/12 (stained brown) 1/8-1/4" silt matrix		As liming st and ironstone pebbles	n.p.	All clay minerals		W/4/5	Cuttings water flushed.
10	<u>SILTY CLAY</u> mottled grey, red and yellow brown. Predom clay - moderately plastic & liming. red and brown loosely compacted patches. Rare yellow specks. kaolin after 1/2" throughout 5% (RECENT)	— —	As liming red and brown stains through clay	n.p.	All clay minerals		W/4/10 W/4/15	
20	<u>DECOMPOSED BASALT (Tertiary)</u> Overall brown colour due to liming st 15-35 ft. Degree of decomposition ↓ & depth	✓ ✓	+	—	—		W/4/20	
	Colour changes brown 15-35 ft	✓ ✓					W/4/25	
	dark grey brown 35-60 ft.	✓					W/4/30	
30	light brown 60-65 ft	✓ ✓					W/4/35	
	green blue 65-70 ft	✓					W/4/40	
40	blue grey 70-90 ft	✓ ✓					W/4/45	
	Cuttings become harder & depth	✓					W/4/50	
50		✓ ✓					W/4/55	
		✓ ✓					W/4/60	
60		✓					W/4/65	
70	65-75 ft Common green compact fine gr. hard frags. through basalt frags & decomposed matrix? Overall buffaceous appearance suggest probable suffaceous band between successive layers of basalt?	✓ ✓					W/4/70 W/4/75	
80		✓ ✓					W/4/80	
		✓					W/4/85	
90		✓ ✓					W/4/90	
	<u>CLAY</u> 90-95 ft predom brown 95-105 ft predom grey Fine gr. homog texture & minor silt component. Predom clay mineral constituents?	— —	mp	mp.	All clay minerals		W/4/95 W/4/100	90-110 ft probably represents cavity in basalt that has been filled & rediment after the Tertiary. W/4/95 contaminated & brown.
100		— —					W/4/105	
110	<u>SILICIFIED GRAVEL?</u> Cuttings predom siliceous material fine gr greenish grey to grey material & common coarse sand (qtz) and 1/2" pebbles (grey to white - red) in cuttings.		mp	mp	mp		W/4/110	
	<u>BASALT</u> extremely hard, bluish grey	✓ ✓	—	—	—		W/4/114	Drilling terminated due to excessively slow time required to drill through basalt
120	END OF HOLE 114 FT. (BASALT)							