

GETTY OIL DEVELOPMENT CO. LTD.

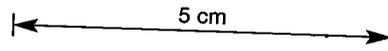
PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. **V/9**  
 LOCATION ~3 miles S.E. of CARRICK  
 COORDS N E  
 TOTAL DEPTH **120 ft.**  
 COLLAR ELEV. **493' A.S.L.**

CONTRACTOR **Austral United Geophysical** STARTED **6/1/1973**  
 GAMMA LOGGED **D.TOWREY**  
 GEOL. LOGGED **R.J.WILLINK**  
 HOLE DIAMETER **4 1/2"**  
 PROBE DIAMETER

COMPLETED **6/1/1973**  
 SHEET **1** OF **1**  
 SCALE **10 FEET = 1 INCH**



| DEPTH | DESCRIPTION   | Graphic Lith. | Fe.                                    | Carbon  | Feldspar                              | Other | Sample No.                 | COMMENTS                    |
|-------|---|---------------|--|---|---------------------------------------|-------|----------------------------|-----------------------------|
|       | <b>TOP SOIL</b> 0-2 1/2' dark grey to black<br>2-5 ft brown<br>loosely compacted silty clay Common 2-5% limonite nodules (reddish brown) sub rounded 1/8-1/4" predom.   | ---           | As brown staining + 2-5% lim nodules   | Surface carbon penetration only                               | Altered to clay minerals              | -     | V/9/0-5                    | Cuttings water flushed.     |
| 10    | <b>CLAY WITH LIMONITIC BANDS</b> Overall fine gr, homogeneous texture Predom clay with minor silt component. Variable plasticity and colour & depth.<br>5-15 ft mottled yellow brown to orange, brown and grey. Orange colour due to ferrug. staining<br>Common 5% hard limonitic? fragments (angular) suggesting band(s) through otherwise homogeneous clay.<br>15-30 ft predom yellow brown to dark brown & brown colour ↑ & depth. Plastic. Dark brown streaks common (carbonaceous interstitial material?)<br>10-20% of cuttings.<br>Rare red orange streaks 1% (20-35 ft) ⇒ ferrug. st.<br>1% hard limonitic frags suggesting minor banding? | ---           | As ferruginous orange and brown stains | 5-15 ft n.p.  | Altered to clay minerals?             | -     | V/9/10<br>V/9/15<br>V/9/20 |                             |
| 20    |   | ---           | As 5-15 ft 20% of cuttings.            | 15-35 ft As interstitial component in dark brown clay streaks |                                       |       | V/9/25                     |                             |
| 30    |   | ---           | As limonitic? bands 5-15 ft predom.    |   |                                       |       | V/9/30                     |                             |
|       |   | ---           |  |   |                                       |       | V/9/35                     |                             |
|       | Distinct boundary.  | ---           |  |   |                                       |       | V/9/40                     | Probably Oxidation boundary |
| 40    | <b>SANDY SILT</b> Overall light grey to grey brown colour. Predom silt 60-70% } Homogeneous texture.<br>minor sand 30-40% }<br>Sand & obvious rounded qtz (clear) frags and apparent kaolinite after flspar? (white specks (minor)<br>Silt fine gr, predom const. clay minerals?  | ---           | 37-60 ft n.p.                          | As 1% rare peaty chips < 1%                                   | As minor const.                       |       | V/9/45                     |                             |
| 50    |   | ---           |  |   | Altered in sand and silt.             |       | V/9/50                     |                             |
|       | 35-55 ft rare carb peaty chips < 1%<br>55-60 ft common large peaty chips 5%<br>Abundance of sand ↑ & depth.   | ---           |  | 55-60 ft common large peaty chips 5%                          |                                       |       | V/9/55<br>V/9/60           |                             |
|       | Distinct boundary   | ---           |  |   |                                       |       | V/9/65                     | Gradational boundary        |
|       | <b>FINE SAND</b> Brown to grey. Predom fine sand & obvious major Qtz (sub ang to sub rdded), clear to grey. Minor flspar yellow, dull, angular 5% Rare yellow brown hard frags? peaty chips   | ---           | n.p.                                   | Common 10-20% peaty chips                                     | As minor sand const. 5% (ang)         |       | V/9/70                     | Gradational boundary        |
| 70    | <b>COARSE SAND</b> very carbonaceous. 20-30% peaty chips<br>Sand overall grey appearance & constituents as above fine sand. 5% gravel 7/16" frags.  | ---           | n.p.                                   | As above 20-30%   | As above                              |       | V/9/75                     | Gradational boundary        |
| 80    | <b>GRAVEL</b> Poorly sorted. > 1/4" 10-20%<br>1/8-1/4" 30%<br>1/16-1/8" 50%<br>2 1/16" 10%<br>constituents predom Qtz clear, white to grey sub rdded to angular. Minor flspar, pink to dull white 5% + Peaty chips 5%<br>75-80 ft. 5% clay after dolerite - possible boulders?  | ---           | n.p.                                   | 5% peaty chips throughout                                     | As minor < 5% const. of gravel frags. |       | V/9/80                     |                             |
|       | <b>CLAY AFTER DOLERITE</b><br>80-100 ft predom bluish grey & minor sand and gravel content in cuttings due to contamination from above.<br>100-120 ft grey green & prevalent igneous texture.   | ++            | n.p.                                   | n.p.  | -                                     |       | V/9/85<br>V/9/90           |                             |
| 90    |   | ++            |  |   |                                       |       | V/9/95                     |                             |
|       |   | ++            |  |   |                                       |       | V/9/100                    |                             |
| 100   |   | ++            |  |   |                                       |       | V/9/105                    |                             |
|       |   | ++            |  |   |                                       |       | V/9/110                    |                             |
| 110   |   | ++            |  |   |                                       |       | V/9/115                    |                             |
|       |   | ++            |  |   |                                       |       | V/9/120                    |                             |
| 120   | <b>END OF HOLE - DOLERITE - 120 FT.</b>   | ++            |  |   |                                       |       |                            |                             |