

## LAUNCESTON

## GEOLOGICAL LOG REPORT

ATP EL2080

TENEMENT 2080

Launceston

| STRA<br>NAME | SEQ<br>NO | SEAM<br>NAME | WOK<br>SEC | SAMPL<br>NUMBR | DEPTH<br>(m) | THICK<br>(m) | %<br>REC | ROCK TYPE                                                           | GEOLOGICAL DESCRIPTION OF STRATA                                                                                                                                                                                                                                                                                                   |
|--------------|-----------|--------------|------------|----------------|--------------|--------------|----------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |           |              |            | R              | 60.80        | 3.40         |          | LIGNITE and<br>INFERIOR LIGNITE<br>and LIGNEOUS<br>CLAY and<br>CLAY | Interbedded 35:35:20:10 LIGNITE clayey, woody textured<br>dark brown, soft, low plasticity (organic);<br>INFERIOR LIGNITE clayey, woody textured, dark brown, soft<br>low plasticity (organic);<br>LIGNEOUS CLAY dark brown, firm, low plasticity (organic);<br>CLAY light to medium grey - brown, firm, high plasticity<br>(clay) |
|              |           |              |            | R              | 65.75        | 4.95         |          | CLAY                                                                | Light to medium grey - brown, firm, high plasticity (clay)                                                                                                                                                                                                                                                                         |
|              |           |              |            | R              | 66.50        | 0.75         |          | LIGNEOUS CLAY                                                       | Dark brown, firm, low plasticity (organic)                                                                                                                                                                                                                                                                                         |
|              |           |              |            | R              | 66.80        | 0.30         |          | CLAY                                                                | Light to medium grey - brown, firm, high plasticity (clay)                                                                                                                                                                                                                                                                         |
|              |           |              |            | R              | 67.50        | 0.70         |          | LIGNITE                                                             | Clayey, woody textured, dark brown, soft, low plasticity<br>(organic)                                                                                                                                                                                                                                                              |
|              |           |              |            | R              | 69.00        | 1.50         |          | CLAY                                                                | Light to medium grey - brown, firm, high plasticity (clay)                                                                                                                                                                                                                                                                         |
|              |           |              |            | R              | 70.60        | 1.60         |          | LIGNITE                                                             | Clayey, woody textured, dark brown, soft, low plasticity<br>(organic)                                                                                                                                                                                                                                                              |
|              |           |              |            | R              | 71.10        | 0.50         |          | LIGNEOUS CLAY                                                       | Dark brown, firm, high plasticity (organic)                                                                                                                                                                                                                                                                                        |
|              |           |              |            | R              | 71.70        | 0.60         |          | INFERIOR LIGNITE                                                    | Clayey, woody textured, dark brown, soft, low plasticity<br>(organic).                                                                                                                                                                                                                                                             |
|              |           |              |            | R              | 72.30        | 0.60         |          | CLAY                                                                | Light to medium grey - brown, firm, high plasticity (clay)                                                                                                                                                                                                                                                                         |
|              |           |              |            | R              | 72.70        | 0.40         |          | LIGNEOUS CLAY                                                       | Dark brown, firm, high plasticity (organic)                                                                                                                                                                                                                                                                                        |
|              |           |              |            | R              | 73.00        | 0.30         |          | CLAY                                                                | Light to medium grey - brown, firm, high plasticity (clay)                                                                                                                                                                                                                                                                         |
|              |           |              |            | R              | 73.40        | 0.40         |          | LIGNEOUS CLAY                                                       | Dark brown, firm, high plasticity (organic)                                                                                                                                                                                                                                                                                        |
|              |           |              |            | R              | 80.70        | 7.30         |          | CLAY                                                                | Light to medium grey - brown, firm, high plasticity (clay)<br>common woody fragments.                                                                                                                                                                                                                                              |
|              |           |              |            | R              | 80.90        | 0.20         |          | SIDERITE                                                            | Light to medium brown, moderate strength, brittle                                                                                                                                                                                                                                                                                  |
|              |           |              |            | R              | 85.60        | 4.70         |          | CLAY                                                                | Light to medium grey - brown, firm, high plasticity (clay)<br>common woody fragments                                                                                                                                                                                                                                               |

END OF BORE AT 85.60 m

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