

## 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              | 27.10        | 3.50         |          | CLAY                                                    | Silty, light to medium grey - brown, firm, high plasticity (clay);                                                                                                                                                                                                         |
|              |            |              |            |                |              |              |          |                                                         | SLAKES AND DISPERSES                                                                                                                                                                                                                                                       |
|              |            |              |            | R              | 27.65        | 0.55         |          | SIDERITE                                                | Light to medium brown, moderate strength, brittle.                                                                                                                                                                                                                         |
|              |            |              |            | R              | 33.80        | 6.15         |          | CLAY                                                    | Silty, light to medium grey - brown, firm, high plasticity (clay);                                                                                                                                                                                                         |
|              |            |              |            |                |              |              |          |                                                         | SLAKES AND DISPERSES                                                                                                                                                                                                                                                       |
|              |            |              |            | R              | 34.80        | 3.00         |          | CLAY                                                    | Ligneous, light to medium brown, firm, high plasticity (clay).                                                                                                                                                                                                             |
|              |            |              |            | R              | 38.60        | 1.80         |          | LIGNEOUS CLAY                                           | Medium to dark brown, firm, high plasticity (organic).                                                                                                                                                                                                                     |
|              |            |              |            | R              | 39.00        | 0.40         |          | INFERIOR LIGNITE                                        | Clayey, dark brown, firm, friable.                                                                                                                                                                                                                                         |
|              |            |              |            | R              | 40.00        | 1.00         |          | CLAY                                                    | Ligneous, light to medium brown, firm, high plasticity (clay).                                                                                                                                                                                                             |
|              |            |              |            | R              | 44.90        | 4.90         |          | INFERIOR LIGNITE<br>and LIGNITE<br>and LIGNEOUS<br>CLAY | Interbedded 40:40:20, INFERIOR LIGNITE, clayey, woody textured, dark brown - black, soft, low plasticity (organic);<br>LIGNITE, clayey, woody textured, dark brown - black, soft, low plasticity (organic);<br>LIGNEOUS CLAY, dark brown, firm, high plasticity (organic). |
|              |            |              |            | R              | 45.50        | 0.60         |          | LIGNEOUS CLAY                                           | Dark brown, firm, high plasticity (organic).                                                                                                                                                                                                                               |
|              |            |              |            | R              | 47.00        | 1.50         |          | LIGNITE                                                 | Clayey, dark brown, soft, low plasticity (organic).                                                                                                                                                                                                                        |
|              |            |              |            | R              | 47.80        | 0.80         |          | LIGNEOUS CLAY                                           | Dark brown, firm, high plasticity (organic).                                                                                                                                                                                                                               |
|              |            |              |            | R              | 48.90        | 1.10         |          | INFERIOR LIGNITE                                        | Clayey, dark brown, soft, low plasticity (organic).                                                                                                                                                                                                                        |
|              |            |              |            | R              | 54.40        | 5.50         |          | CLAY                                                    | Light to medium grey - brown, firm, high plasticity (clay).                                                                                                                                                                                                                |
|              |            |              |            | R              | 55.10        | 0.70         |          | LIGNITE                                                 | Clayey, dark brown, firm, friable.                                                                                                                                                                                                                                         |
|              |            |              |            | R              | 56.60        | 1.50         |          | LIGNEOUS CLAY                                           | Dark brown, firm, high plasticity (organic).                                                                                                                                                                                                                               |
|              |            |              |            | R              | 57.40        | 0.80         |          | CLAY                                                    | Ligneous, light to medium grey - brown, firm, high plasticity (clay).                                                                                                                                                                                                      |

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