

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                                                                                                    |
|--------------|-----------|--------------|------------|----------------|---------------------------|--------------|----------|------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|              |           | LDO          | J2         | R              | 32.90                     | 1.20         |          | LIGNITE          | Clayey, dark brown, firm, low plasticity (organic).                                                                                 |
|              |           | LDO          | J2         | R              | 33.40                     | 0.50         |          | INFERIOR LIGNITE | Clayey, dark brown, firm, low plasticity (organic).                                                                                 |
|              |           | LDO          | J2         | R              | 34.80                     | 1.40         |          | LIGNITE          | Clayey, dark brown, firm, low plasticity (organic);<br>Bands include: LIGNEOUS CLAY, dark brown, firm, low<br>plasticity (organic). |
|              |           |              |            |                | BASE OF WORKING SECTION J |              | 34.80    | 3.50             |                                                                                                                                     |
|              |           |              |            |                | BASE OF WORKING SECTION J |              | 34.80    | 6.20             |                                                                                                                                     |
|              |           | LDO          |            | R              | 35.40                     | 0.60         |          | CLAY             | Light to medium brown, firm, high plasticity (clay).                                                                                |
|              |           | LDO          | K          | R              | 37.20                     | 1.80         |          | LIGNITE          | Clayey, dark brown, firm, friable                                                                                                   |
|              |           | LDO          | K          | R              | 38.00                     | 0.80         |          | INFERIOR LIGNITE | Clayey, dark brown - black, firm, friable                                                                                           |
|              |           | LDO          | K          | R              | 39.20                     | 1.20         |          | LIGNITE          | Clayey, dark brown, firm, friable                                                                                                   |
|              |           |              |            |                | BASE OF WORKING SECTION K |              | 39.20    | 3.80             |                                                                                                                                     |
|              |           | LDO          |            | R              | 41.00                     | 1.80         |          | CLAY             | Light to medium brown, firm, high plasticity (clay).                                                                                |
|              |           | LDO          | L          | R              | 41.60                     | 0.60         |          | LIGNITE          | Clayey, dark black - brown, firm, friable                                                                                           |
|              |           |              |            |                | BASE OF WORKING SECTION L |              | 41.60    | 0.60             |                                                                                                                                     |
|              |           | LDO          | M          | R              | 42.20                     | 0.60         |          | LIGNEOUS CLAY    | Dark brown, firm, low plasticity (organic)                                                                                          |
|              |           | LDO          | M          | R              | 43.20                     | 1.00         |          | LIGNITE          | Clayey, dark black - brown, firm, friable                                                                                           |
|              |           |              |            |                | BASE OF WORKING SECTION M |              | 43.20    | 1.60             |                                                                                                                                     |
|              |           | LDO          |            | R              | 46.40                     | 3.20         |          | CLAY             | Light to medium brown, firm, high plasticity (clay).                                                                                |

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