

LAUNCESTON

GEOLOGICAL LOG REPORT

ATP EL2080

TENEMENT 2009

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          | N          | R              | 47.80                     | 1.40         |          | INFERIOR LIGNITE | Clayey, dark black - brown, firm, friable.   |
|              |           |              |            |                | -----                     |              |          |                  |  |
|              |           |              |            |                | BASE OF WORKING SECTION N |              | 47.80    | 1.40             |  |
|              |           |              |            |                | -----                     |              |          |                  |  |
|              |           | LDO          |            | R              | 49.80                     | 2.00         |          | CLAY             | Carbonaceous, light to medium brown, firm, high plasticity (clay), occasional ligneous wisps |
|              |           | LDO          | O          | R              | 50.40                     | 0.60         |          | INFERIOR LIGNITE | Clayey, dark black - brown, firm, low plasticity (organic)                                   |
|              |           |              |            |                | -----                     |              |          |                  |  |
|              |           |              |            |                | BASE OF WORKING SECTION O |              | 50.40    | 0.60             |  |
|              |           |              |            |                | -----                     |              |          |                  |  |
|              |           | LDO          |            | R              | 51.10                     | 0.70         |          | CLAY             | Light to medium brown, firm, high plasticity (clay).   |
|              |           | LDO          | P          | R              | 51.40                     | 0.30         |          | LIGNEOUS CLAY    | Dark brown, firm, low plasticity (organic).  |
|              |           | LDO          | P          | R              | 51.80                     | 0.40         |          | CLAY             | Light to medium brown, firm, high plasticity (clay).   |
|              |           | LDO          | P          | R              | 52.70                     | 0.90         |          | INFERIOR LIGNITE | Clayey, dark brown - black, firm, low plasticity (organic)                                   |
|              |           | LDO          | P          | R              | 53.20                     | 0.50         |          | CLAY             | Light to medium brown, firm, high plasticity (clay)  |
|              |           | LDO          | P          | R              | 53.90                     | 0.70         |          | LIGNEOUS CLAY    | Dark brown, firm, low plasticity (organic)   |
|              |           |              |            |                | -----                     |              |          |                  |  |
|              |           |              |            |                | BASE OF WORKING SECTION P |              | 53.90    | 2.80             |  |
|              |           |              |            |                | -----                     |              |          |                  |  |
|              |           | LDO          |            | R              | 54.30                     | 0.40         |          | CLAY             | Light to medium brown, firm, high plasticity (clay)  |
|              |           | LDO          |            | R              | 55.10                     | 0.80         |          | LIGNEOUS CLAY    | Dark brown, firm, low plasticity (organic)   |
|              |           | LDO          |            | R              | 58.40                     | 3.30         |          | CLAY             | Ligneous, silty, light to medium brown, firm, high plasticity (clay)                         |
|              |           | LDO          |            | R              | 58.60                     | 0.20         |          | SIDERITE         | Light brown - grey, moderate strength, brittle.  |
|              |           | LDO          |            | R              | 59.60                     | 1.00         |          | CLAY             | Light to medium brown, firm, high plasticity (clay)  |
|              |           | LDO          | R          | R              | 60.00                     | 0.40         |          | LIGNEOUS CLAY    | Dark brown, firm, low plasticity (organic).  |

BASE OF WORKING SECTION R 60.00 0.40

EL2080 LAUNCESTON R009B

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