

## LAUNCESTON

## GEOLOGICAL LOG REPORT

ATP EL2080

TENEMENT 2080

Launceston

| STRA<br>NAME | SEQ<br>NO. | SEAM<br>NAME | WDK<br>SEC | SAMPL<br>NUMBR | DEPTH<br>(m)              | THICK<br>(m) | %<br>REC | ROCK TYPE        | GEOLOGICAL DESCRIPTION OF STRATA                                                                                                                                                                                                                                                     |
|--------------|------------|--------------|------------|----------------|---------------------------|--------------|----------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |            | LDO          | N          | C0342          | 73.04                     | 0.11         |          | LIGNITE          | Clayey, medium to dark brown, firm, friable, good core - unbroken, banded                                                                                                                                                                                                            |
|              |            | LDO          | N          | C0342          | 73.08                     | 0.04         |          | LIGNEOUS CLAY    | Woody textured, medium to dark brown, firm, low plasticity (organic), good core - unbroken                                                                                                                                                                                           |
|              |            | LDO          | N          | C0342          | 73.47                     | 0.39         |          | LIGNITE          | Clayey, medium to dark brown, firm, friable, good core - unbroken, banded                                                                                                                                                                                                            |
|              |            | LDO          | N          | C0342          | 73.76                     | 0.29         |          | INFERIOR LIGNITE | Clayey, medium to dark brown, firm, friable, good core - unbroken, banded                                                                                                                                                                                                            |
|              |            | LDO          | N          | C0342          | 73.92                     | 0.16         |          | LIGNITE          | Clayey, dark brown, firm, slickensides on fracture, friable, sparse, oblique joints, angle of joints 50 degrees, good core - unbroken, uniform.<br>CR18 SSU 0.38 + 3.20 = 3.58<br>CR18 FSU 0.50<br>CR18 FROM 73.92 TO 77.00<br>DRILL STRING 75.45 + 3.2 = 78.65<br>RAN 3.08 REC 3.06 |
| -----        |            |              |            |                | BASE OF WORKING SECTION N |              | 73.92    | 1.45             |                                                                                                                                                                                                                                                                                      |
| -----        |            |              |            |                |                           |              |          |                  |                                                                                                                                                                                                                                                                                      |
|              |            | LDO          |            | C0343          | 75.04                     | 1.12         |          | LIGNITE          | Clayey, dark brown, firm, friable, good core - unbroken, banded, gradational base                                                                                                                                                                                                    |
|              |            | LDO          |            | C0344          | 75.42                     | 0.38         |          | LIGNITE          | Clayey, medium to dark brown - red, firm, friable, good core - unbroken, uniform, gradational base                                                                                                                                                                                   |
|              |            | LDO          |            | C0344          | 75.60                     | 0.18         |          | LIGNITE          | Clayey, medium to dark brown - red, firm, friable, good core - unbroken, gradational base                                                                                                                                                                                            |
|              |            | LDO          |            | C0344          | 75.88                     | 0.28         |          | LIGNITE          | Clayey, dark brown, firm, friable, good core - unbroken                                                                                                                                                                                                                              |
|              |            | LDO          |            | C0345          | 75.95                     | 0.07         |          | LIGNITE          | Clayey, dark brown, firm, friable, core broken                                                                                                                                                                                                                                       |
|              |            | LDO          |            | C0345          | 76.80                     | 0.83         |          | LIGNITE          | Clayey, dark brown, firm, friable, good core - unbroken                                                                                                                                                                                                                              |
|              |            | LDO          |            | C0346          | 76.95                     | 0.18         |          | LIGNITE          | Clayey, dark brown, firm, friable, good core - unbroken, common siderite, nodules                                                                                                                                                                                                    |

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BASE OF SEAM LDO 76.98 29.05  
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