

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                                                                                                                                                        |
|--------------|------------|--------------|------------|----------------|--------------|--------------|----------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |            |              |            | R              | 0.30         | 0.30         |          | SAND                      | Silty, clayey, light to medium brown, soft, non-plastic                                                                                                                                 |
|              |            |              |            | R              | 0.60         | 0.30         |          | CLAY                      | Silty, gravelly, light to medium brown, firm, high plasticity (clay);<br>LATERITE, IRON OXIDE CONCRETIONS                                                                               |
|              |            |              |            | R              | 1.70         | 1.10         |          | CLAY                      | Silty, mottled brown - off white, firm, high plasticity (clay)                                                                                                                          |
|              |            |              |            | R              | 2.70         | 1.00         |          | CLAY                      | Silty, mottled off white - yellow, firm, high plasticity (clay);<br>WITH SOME IRON OXIDE CONCRETIONS                                                                                    |
|              |            |              |            | R              | 3.00         | 0.30         |          | SILT                      | Clayey, light to medium brown, soft, low plasticity (clay)                                                                                                                              |
|              |            |              |            | R              | 6.80         | 3.80         |          | CLAY                      | Mottled off white - yellow, firm, high plasticity (clay)                                                                                                                                |
|              |            |              |            | R              | 7.40         | 0.60         |          | GRAVEL                    | Clayey, medium to dark brown - orange, moderate strength, brittle, iron oxide, cement                                                                                                   |
|              |            |              |            | R              | 7.80         | 0.40         |          | CLAY                      | Mottled off white - yellow, firm, high plasticity (clay)                                                                                                                                |
|              |            |              |            | R              | 9.50         | 1.70         |          | CLAY                      | Light off white, firm, high plasticity (clay), gradational base                                                                                                                         |
|              |            |              |            | R              | 10.50        | 1.00         |          | CLAY                      | Silty, light gray - brown, firm, high plasticity (clay), gradational base                                                                                                               |
|              |            |              |            | R              | 11.30        | 0.80         |          | CLAY                      | Silty, light to medium gray, firm, high plasticity (clay)                                                                                                                               |
|              |            |              |            | R              | 14.80        | 3.50         |          | CLAY                      | Sandy, silty, light to medium brown, firm, low plasticity (clay), occasional ligneous wisps                                                                                             |
|              |            |              |            | R              | 15.20        | 0.40         |          | SILT                      | Clayey, sandy, light to medium gray, firm, high plasticity (silt), gradational base                                                                                                     |
|              |            |              |            | R              | 15.70        | 0.50         |          | SIDERITE                  | Light grey, high strength, brittle                                                                                                                                                      |
|              |            |              |            | R              | 22.20        | 6.50         |          | CLAY                      | Light to medium gray, firm, high plasticity (clay)                                                                                                                                      |
|              |            |              |            | R              | 25.40        | 3.40         |          | CLAY and<br>LIGNEOUS CLAY | Interbedded 80-20, CLAY: light to medium gray - brown, firm, high plasticity (clay), occasional ligneous wisps;<br>LIGNEOUS CLAY: medium to dark brown, firm, high plasticity (organic) |

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