

059

CORNWALL COAL MT NICHOLAS D.D.H. 27

139060

500m West of  
Location: Jubilee Mine

Logged by: J.H. Bryan

AMG Co-ordinates: E  
N

Drilled by: Stacpoole Drilling

Collar R.L.:

Commenced: 6.5.85

Total Depth: 50.30m

Completed: 8.5.85

|   | <u>Estimated<br/>Thickness<br/>(m)</u> | <u>Estimated<br/>Depth to<br/>Base of<br/>Stratum<br/>(m)</u> | <u>Remark.</u> |
|---|--|---|----------------|
| SCREE - non core (tricone roller bit)   | 9.0                                    | 9.00  |                |
| SANDSTONE, grey, lithic, medium grained with numerous mudstone interbeds (50:50)                                | 6.50                                   | 15.50   |                |
| SANDSTONE, grey, lithic, medium grained   | 5.98                                   | 21.48   |                |
| MUDSTONE, black, carbonaceous to coaly  | 0.56                                   | 22.04   |                |
| <u>COAL</u> , dull to stony   | 0.34                                   | 22.38   |                |
| CLAYSTONE, brown, soft  | 0.045                                  | 22.425  |                |
| <u>COAL</u> , dull  | 0.010                                  | 22.435  |                |
| MUDSTONE, light grey, soft with minor sandy phases and occasional carbonaceous bands (includes 0.31m core loss) | 4.845                                  | 27.28   |                |

139061

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|   | <u>Estimated<br/>Thickness<br/>(m)</u> | <u>Estimated<br/>Depth to<br/>Base of<br/>Stratum<br/>(m)</u> | <u>Remarks</u> |
|---|--|---|----------------|
| <u>COAL</u> , dull to stony   | 0.700                                  | 27.98   | )              |
|   |  |   | )              |
| CLAYSTONE, black, coaly, soft   | 0.090                                  | 28.07   | )              |
|   |  |   | ) PLY 1        |
| <u>COAL</u> , dull  | 0.380                                  | 28.45   | ) Thickness    |
|   |  |   | ) 1.30m        |
| CLAYSTONE, brown, soft  | 0.040                                  | 28.49   | )              |
|   |  |   | )              |
| <u>COAL</u> , dull  | 0.090                                  | 28.58   | )              |
|   |  |   | )              |
| CLAYSTONE, grey, hard   | 0.130                                  | 28.71   | )              |
|   |  |   | )              |
| <u>COAL</u> , dull  | 0.230                                  | 28.94   | )              |
|   |  |   | )              |
| CLAYSTONE, brown, soft  | 0.025                                  | 28.965  | )              |
|   |  |   | )              |
| <u>COAL</u> , soft, weathered   | 0.060                                  | 29.025  | )              |
|   |  |   | )              |
| CORE LOSS   | 0.245                                  | 29.270  | )              |
|   |  |   | )              |
| SANDSTONE, grey, fine grained grading<br>to mudstone                  | 0.820                                  | 30.090  | )              |
|   |  |   | )              |
| MUDSTONE, grey to grey/green with<br>occasional carbonaceous bands    | 5.60                                   | 35.69   | )              |
|   |  |   | )              |
| SANDSTONE, grey, fine grained with<br>numerous siltstone phases       | 2.370                                  | 38.06   | )              |
|   |  |   | )              |
| MUDSTONE, dark brown/black, sandy in<br>part, carbonaceous throughout | 0.950                                  | 39.01   | )              |

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|   | <u>Estimated<br/>Thickness<br/>(m)</u> | <u>Estimated<br/>Depth to<br/>Base of<br/>Stratum<br/>(m)</u> | <u>Remark</u> |
|---|--|---|---------------|
| SANDSTONE, grey with numerous thin carbonaceous bands                 | 1.640                                  | 40.65   |               |
| MUDSTONE, black to grey/brown, carbonaceous throughout                | 2.730                                  | 43.38   |               |
| MUDSTONE, grey to grey/green  | 1.410                                  | 44.79   |               |
| MUDSTONE, black, carbonaceous   | 0.380                                  | 45.17   |               |
| MUDSTONE, grey  | 0.330                                  | 45.50   |               |
| CLAYSTONE, black to dark brown, carbonaceous                          | 0.250                                  | 45.75   |               |
| <u>COAL</u> , dull  | 0.310                                  | 46.06   | )             |
|   |  |   | )             |
| CLAYSTONE, black, coaly   | 0.080                                  | 46.14   | )             |
|   |  |   | )PLY 2        |
| <u>COAL</u> , dull, friable, ?slightly weathered                      | 0.390                                  | 46.53   | )Thicknes     |
|   |  |   | )1.17m        |
| CLAYSTONE, dark brown/black, coaly                                    | 0.090                                  | 46.62   | )             |
|   |  |   | )             |
| <u>COAL</u> , dull to stony   | 0.300                                  | 46.92   | )             |
| MUDSTONE, grey to grey/brown, grading to brown unit below             | 1.38                                   | 48.30   |               |
| CLAYSTONE, brown, hard (distinctive unit at base of lowest coal seam) | 2.00                                   | 50.30   |               |

BASE OF HOLE