

048

CORNWALL COAL MT NICHOLAS D.D.H. 26

139049

300m East of  
Location: Blackwood Colliery  
AMG Co-ordinates: E<sub>5</sub> 94 307.7  
 N<sub>3</sub> 98 638.0

Logged by: J.H. Bryan  
Drilled by: Stacpoole Drilling

Collar R.L.: 432.3  
Total Depth: 86.00m

Commenced: 2.5.85  
Completed: 7.5.85

	<u>Estimated Thickness (m)</u>	<u>Estimated Depth to Base of Stratum (m)</u>	<u>Remarks</u>
SOIL (non core to 4.20m) and DOLERITE SCREE (HQ Core to 18.00m)	18.67	18.67	
<u>COAL</u> , dull	0.50	19.17	
MUDSTONE, grey/brown, grading to sandstone below	0.29	19.46	
SANDSTONE, grey, lithic, fine grained at top but becoming coarser at 21.0m medium grained	1.34	20.80	
CORE LOSS	1.10	21.90	
SANDSTONE, as above, massive with several mudstone bands towards base (some siderite in claystone/mudstone bands)	27.02	48.92	
MUDSTONE, grey to black, coaly in part with some minor sandstone	1.97	50.89	
MUDSTONE, grey, soft with some sandy phases	4.91	55.80	

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	<u>Estimated Thickness (m)</u>	<u>Estimated Depth to Base of Stratum (m)</u>	<u>Remarks</u>
<u>COAL</u> , dull to stony	0.27	56.07	
CLAYSTONE, black, hard with sandstone lenses	0.08	56.15	
CLAYSTONE, dark brown to black	0.37	56.52	
<u>COAL</u> , dull	0.23	56.75	
CLAYSTONE, mid brown, hard	0.030	56.78	
CLAYSTONE, black, coaly	0.150	56.93	
<u>COAL</u> , dull	0.180	57.11	
CLAYSTONE, brown	0.015	57.125	
CLAYSTONE, black, coaly	0.040	57.165	
MUDSTONE, grey, laminated in part, minor carbonaceous phases	2.035	59.200	
<u>COAL</u> , dull	0.34	59.54	)
CLAYSTONE, mid brown, fissile	0.05	59.59	) FENTON SEAM
<u>COAL</u> , stony	0.17	59.76	) Thickness: 2.000m
CLAYSTONE, grey, hard	0.010	59.77	) PLY 1
<u>COAL</u> , dull	0.070	59.84	)

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	<u>Estimated Thickness (m)</u>	<u>Estimated Depth to Base of Stratum (m)</u>	<u>Remarks</u>
CLAYSTONE, grey, hard	0.040	59.88 )	
		)	
<u>COAL</u> , dull	0.360	60.24 )	
		)	
CLAYSTONE, white	0.100	60.34 )	
		)	
<u>COAL</u> , dull	0.390	60.73 )	FENTON SEAM
		)	
CLAYSTONE, black, carbonaceous	0.050	60.78 )	PLY 1
		)	
<u>COAL</u> , dull	0.230	61.01 )	
		)	
CLAYSTONE, brown	0.020	61.03 )	
		)	
<u>COAL</u> , dull with minor bright bands	0.170	61.20 )	
		)	
'SANDSTONE, grey, lithic, fine grained	0.64	61.84	
MUDSTONE, grey, laminated in part (occasional coaly bands) interbedded with fine grained grey sandstone (60:40)	6.06	67.90	
<u>COAL</u> , dull	0.300	68.20	
CLAYSTONE, brown to black	0.050	68.25	
<u>COAL</u> , dull to stony	0.450	68.70	
CLAYSTONE, grey to black, grading to sandy claystone	0.220	68.92	

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	<u>Estimated Thickness (m)</u>	<u>Estimated Depth to Base of Stratum (m)</u>	<u>Remarks</u>
SANDSTONE, grey, lithic, fine to medium grained with minor mudstone bands (massive sandstone unit)	8.08	77.00	
MUDSTONE, black to brown, coaly in part, carbonaceous throughout, minor sandy phases	1.60	78.60	
<u>COAL</u> , dull to stony	0.28	78.88	)
CLAYSTONE, black, carbonaceous	0.030	78.91	)
<u>COAL</u> , dull	0.710	79.62	)
CLAYSTONE, black, coaly	0.050	79.67	) PLY 2
<u>COAL</u> , dull to stony	0.280	79.95	) Thickness: ) 1.66m
CLAYSTONE, black, carbonaceous	0.150	80.10	)
<u>COAL</u> , dull	0.160	80.26	)
MUDSTONE, grey/brown, black, coaly in part	0.100	80.36	
MUDSTONE, brown to grey brown, grading to sandstone	0.46	80.82	
SANDSTONE, grey, lithic, fine grained, hard	4.19	85.01	

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	<u>Estimated Thickness (m)</u>	<u>Estimated Depth to Base of Stratum (m)</u>	<u>Remarks</u>
MUDSTONE, grey/green	0.250	85.26	
MUDSTONE, brown (Marker bed)	0.74	86.00	

BASE OF HOLE