

063

206064

CORNWALL COAL MT NICHOLAS D.D.H. 16

<u>Location:</u> Mt Nicholas	<u>Logged by:</u> J.H. Bryan
<u>AMG Co-ordinates:</u> E 592 447.10	<u>Drilled by:</u> Stackpoole Drilling
N 5398 507.38	
<u>Collar R.L.:</u> 393.9 m	<u>Commenced:</u> 10.11.84
<u>Total Depth:</u> 54.30 m	<u>Completed:</u> 13.11.84

	<u>Estimated Thickness (m)</u>	<u>Estimated Depth to Base of Stratum (m)</u>	<u>Remarks</u>
TRICONE ROLLER BIT (NON-CORE)	17.10	17.10	
SANDSTONE, grey, lithic, medium grained	1.200	18.300	
CLAYSTONE, dark grey	0.140	18.440	
CLAYSTONE, black, carbonaceous, fissile	0.080	18.520	
SANDSTONE, grey, lithic, medium grained	0.890	19.410	
CLAYSTONE, grey, soft	0.080	19.490	
CLAYSTONE, black, carbonaceous, fissile	0.060	19.550	
CLAYSTONE, dark grey to grey/green	0.480	20.030	
SANDSTONE, grey, lithic, medium grained, occasional carbonaceous wisps and laminae	16.960	36.990	

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	<u>Estimated Thickness (m)</u>	<u>Estimated Depth to Base of Stratum (m)</u>	<u>Remarks</u>
CLAYSTONE, brown, ? tuffaceous, hard, very thin carbonaceous layers showing wavy bedding	0.110	37.100	
SANDSTONE, grey, lithic, medium grained	0.760	37.860	
CLAYSTONE, black/dark grey	0.070	37.930	
SANDSTONE, grey, fine, lithic	0.195	38.125	
CLAYSTONE, dark grey, breaks readily on bedding planes	0.870	38.995	
SANDSTONE, grey with numerous thin black carbonaceous laminae	0.115	39.110	
<u>COAL</u> , dull with minor bright bands	0.390	39.500	
CLAYSTONE, grey with occasional coaly or carbonaceous bands (readily broken along bedding planes)	1.515	41.015	
SANDSTONE/CLAYSTONE INTERBEDDED, grey to green/grey, moderately strong roof	0.525	41.540	
<u>COAL</u> , dull to stony, core broken	0.520	42.060	
CLAYSTONE, black, coaly in part	0.390	42.450	

06A

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	<u>Estimated Thickness</u> (m)	<u>Estimated Depth to Base of Stratum</u> (m)	<u>Remarks</u>
<u>COAL</u> , dull with minor bright bands	0.040	42.490	
CLAYSTONE, black, coaly in part	0.305	42.795	
CLAYSTONE, grey/green, soft - breaks readily	0.065	42.860	
CLAYSTONE, black, coaly in part	0.810	43.670	
CLAYSTONE, brown, soft	0.015	43.685	
CLAYSTONE, grey with minor interbeds of fine grained sandstone (relatively weak roof strata)	1.815	45.500	
CLAYSTONE, black, carbonaceous, hard	0.110	45.610	
CLAYSTONE, grey/green, soft, weak strata	0.035	45.645	)
<u>COAL</u> , dull	0.190	45.835	)
CLAYSTONE, grey/brown, hard	0.025	45.860	)
<u>COAL</u> , dull, core broken	0.408	46.268	) FENTON SEAM
CLAYSTONE, grey, soft	0.015	46.283	) Thickness: 1.985 m
<u>COAL</u> , dull to stony	0.065	46.348	)
CLAYSTONE, grey, hard	0.050	46.398	)

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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	0.360	46.758	)
			)
CLAYSTONE, grey/black, hard	0.015	46.773	) FENTON
			) SEAM
<u>COAL</u> , dull with minor bright bands	0.647	47.420	)
			) Thickness
CLAYSTONE, brown, soft	0.005	47.425	) 1.985 m
			)
<u>COAL</u> , dull and bright	0.170	47.595	)
SANDSTONE, grey, lithic, clayey at top	0.425	48.020	
CLAYSTONE, grey, soft, as above	1.280	49.300	
SANDSTONE, fine grained, grey, lithic	0.860	50.160	
CLAYSTONE, grey, soft	1.140	51.300	
SANDSTONE, grey, lithic, medium/coarse	3.000	54.300	

BASE OF HOLE