



RECORD OF BOREHOLE NO. P5873

Ground level : 499.7ft. above O.D. Newlyn (11.4.63)

8in. to 38ft.

Dia. of boring : NX (2 1/2 in. core) to 100ft.

Type of boring : Shell and Auger and
Rotary Core Drilling

Lining tubes : NX (3in.) to 38ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage Age of Type	Legend	Depth	O.D. Level	
	2'0"	D		0'0"	499.0	TOPSOIL
	6'0"	D		5'6"	494.2	Stiff fissured mottled grey and brown silty CLAY
	9'0"	D		10'0"	489.7	Stiff fissured grey silty CLAY with coal fragments
	11'0"	D				
	16'0"	D				Weathered grey MUDSTONE with clay bands; shaly at 16ft. with plant remains; sandy at 21ft.
	21'0"	D				
28.3.63	26'0"	D		25'0"	474.7	
	27'0"	D		26'6"	473.2	COAL underlain by brown silty clay
	32'0"	D				Stiff fissured mottled grey and brown silty CLAY with fragments and bands of grey shale
	37'0"	80%		36'0"	463.7	
29.3.63	37'0"	D		38'0"	461.7	Weathered dark grey SHALE
	38'0"					
	39'6"	67%				
9.4.63	42'0"	74%				
		33%				
	52'0"					
	58'0"	78%				Gray MUDSTONE with open near vertical fissures throughout. 6in. coal at 40ft., thin coals at 50ft. and 76ft. Ironstones throughout, but prominent at 68ft., 70ft. and 71ft. Becoming laminated and sandy at 43ft. and from 76ft.
10.4.63	64'6"	80%				
		74%				
	71'6"					
		77%		77'6"	422.2	
11.4.63	79'0"			78'9"	420.9	Vertically fissured grey fine SANDSTONE
		75%				
16.4.63	85'0"					
		84%				Irregularly laminated dark grey MUDSTONE; sandy at top and at 82ft. 6in.; well bedded at 82ft. with occasional vertical fissuring. Ironstone bands at 82ft. 11in. and 87ft. Becoming darker and waxy at 88ft. 10in.
	93'0"					
		89%				
17.4.63	100'0"			100'0"	399.7	

COAL MEASURES