



SK45 NW1  
RECORD OF BOREHOLE NO. 571

Ground level: 478.3 ft. above O.D. datum (8.7.63.)

Dis. of boring: BX (2 1/8 in. core) to 58ft.  
BX (1 1/8 in. core) to 100ft.  
BX (3/4 in.) to 20ft.  
Lining tubes: BX (2 1/8 in.) to 70ft.

Type of boring: Rotary Core Drilling

Daily Progress	Core Recovery or Sampling		Change of Screen		Description of Strata
	Depth	Percentage age or Type	Legend	Depth O.D. Level	
	0'0"	Non coring		469.3	TOPSOIL
	3'0"			467.1	SAND
	6'0"	100%			
	13'0"	100%			
		100%			Green fine SANDSTONE; fissured and ironstained from 9ft. to 11ft. 6in. from 10ft. to 12ft. 6in. and from 12ft. 6in. to 14ft. 6in.
		100%			
14.5.63.	31'0"			436.8	
		72%		438.1	Hard, slightly soapy, pale grey CLAY (Suspected goaf)
	38'0"				
	42'0"	88%		428.2	Grey-green MUDSTONE with plant remains; 5in. ironstone band at base
				425.6 approx.	Partly ironstained grey fine SANDSTONE; core broken
	52'0"	60%			Laminated grey sandy MUDSTONE with ironstained vertical fissures and bedding planes; from 49ft. 6in. to 52ft. approx. sandy fine MUDSTONE, irregularly laminated in the lower part
		67%			
15.5.63.	58'0"			412.1	
	60'0"	100%		409.6	Ironstained grey fine SANDSTONE; irregularly laminated in part
		100%		406.6	Vertically fissured grey MUDSTONE, occasional apple-green ironstones.
	66'0"			403.6	GRAVEL
		100%		400.6	SEATEARTH
16.5.63.	71'0"			398.1	Irregularly laminated light grey argillaceous fine SANDSTONE; increasingly muddy from 71ft.
		98%			
	81'0"				
		87%			Grey sandy MUDSTONE; irregularly laminated in part with ironstained vertical fissuring and occasional ironstone bands
	91'0"				
		100%			
17.5.63.	100'0"			390.1	

COAL MEASURES



GEOLOGICAL SURVEY OF GREAT BRITAIN		(For Survey use only)		
RECORD OF SHAFT OR BORE FOR MINERALS		6-inch Map Registered No.		
Name of Shaft or Bore given by Geological Survey: 571		4478 5866		
Name and Number given by owner:		Nat. Grid Reference SK45NW 235		
For whom made		1" N.S. Map No.		
Town or Village		1" O.S. Map No.		
County		Confidential or not		
Exact site		Attach a tracing from a map, or a sketch-map, if possible.		
Purpose for which made				
Ground Level at shaft bore relative to O.D.		If not ground level give O.D. of beginning of shaft bore		
Made by		Date of sinking		
Information from		Date received		
Examined by				

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		Ft	in.	Ft	in.
	Topsoil, brown sandy loam with leafy fragments.	1	0	1	0
	Subsoil, brown sandy.	2	0	3	0
	Sandstone, pale brown, fine grained, w/ carbonaceous - musciclaris partings massive below 16'				
	Vertical fracture below 28'				
	Quartzite, pale grey below 31' 6"	31	0	34	0
	Sandstone, grey-brown, with carbonaceous plant fragments.	7	4	41	4
	Sandstone, pale brown, fine grained, massive in top 12" but with silty mudstone laminae below this can fragmentary below 49'	10	8	52	0
	Sandstone, grey, silty, with sandy laminae.	6	0	58	0
	Sandstone, pale brown, grey - pale, fine grained.	2	0	60	0
	Sandstone, grey, silty, 2" sandstone band at 66"	1	9	61	9
	Sandstone, grey.	3	9	65	6
	Coal.	1	0	66	6
Top Hard.	Sandstone, grey, with sandstone nodules.	3	9	70	3

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Name of Shaft or Bore given by Geological Survey:

571

6-inch Map  
Registered  
No.

SK45NW 235

GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	IN.	FT	IN.
	Brought forward.			70	3
	Sandstone grey, fine grained, with conglomeratic pebbles.	1	9	72	0
	W silty sandstone laminae.				
	Mudstone grey, very silty.				
	Siltstone and sandstone band with thin laminae between 78' and 87'.				
	Specialist sandstone band.	28	0	100	0
	Bar of hole.				

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