

SK 45 NW 1 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 Program	Core Recovery or Sampling		Change of Screen		Description of Strata
	Depth	Percentage 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 11ft. 6in. and from 11ft. 6in.
		100%			
14.5.63.	31'0"			456.8	
		72%		458.1	Hard, slightly soapy, pale grey CLAY (Suspected goaf)
	38'0"				
	42'0"	88%		458.2	Grey-green MUDSTONE with plant remains; 5in. ironstone band at base
				458.4	Partly ironstained grey fine SANDSTONE; core broken
		60%			
	52'0"				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"			452.1	
	60'0"	100%		450.6	Ironstained grey fine SANDSTONE; irregularly laminated in part
		100%		450.6	Vertically fissured grey MUDSTONE, occasional apple-green ironstones.
	66'0"			450.6	GRAVEL
		100%		450.6	SEATEARTH
16.5.63.	71'0"			450.6	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"			450.1	

COR. MEASURES

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

571

Name and Number given by owner:

For whom made

Town or Village.

County

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.
	<u>Topsoil</u> , brown sandy loam with rock fragments.	1	0	1	0
	<u>Subsoil</u> , brown sandy.	2	0	3	0
	<u>Sandstone</u> , pale brown, fine grained, w/ carbonaceous - micaceous partings massive below 16'.				
	Vertical fractures below 28'.				
	Becomes pale gray below 31' 6".	31	0	34	0
	<u>Sandstone</u> , gray-brown, with carbonaceous plant fragments.	7	4	41	4
	<u>Sandstone</u> , pale brown, fine grained, massive in top 12", but with silty, mudstone laminae below this. Can fragmentary below 49'.	10	8	52	0
	<u>Sandstone</u> , gray, silty, with sandy laminae.	6	0	58	0
	<u>Sandstone</u> , pale brown, gray in parts, fine grained.	2	0	60	0
	<u>Sandstone</u> , gray, silty, 2" sandstone bed at 69".	1	9	61	9
	<u>Sandstone</u> , gray.	3	9	65	6
	<u>Coal</u> .	1	0	66	6
	<u>Sandstone</u> , gray, with sandstone nodules.	3	9	70	3



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 carbonaceous micaceous partings	1	9	72	0
	or silty sandstone laminae.				
	Mudstone grey, very silty.				
	Siltstone and sandstone band with thin laminae between				
	78' to 87'				
	Specialized transition bands.	28	0	100	0
	Base of hole.				

JS28293/2 P585 4m 11/61 XL