



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: <u>LONDON-YORKSHIRE</u>		<u>SK46NE 91A</u>	
Name and Number given by owner: <u>P 612</u>		Nat. Grid Reference	
		<u>4533 6666</u>	
For whom made _____		1" N.S. Map No.	
Town or Village _____ County _____		1" O.S. Map No.	
Exact site _____		Confidential or not	
Purpose for which made _____		Attach a tracing from a map, or a sketch-map, if possible.	
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.
				17	0
	Sandstone, buff, becoming pale grey to pale medium grained, carbonaceous and micaceous, massive.	17	6	34	6
	Mudstone, grey, silty. The core was badly broken, but the bedding appears regular in the top 2'.	4	0	38	6
	Sandstone, light grey, buff in parts, medium grained with carbonaceous micaceous partings, massive.	10	0	48	6
	Agal.	3	0	51	6
	Sandstone as above.	2	6	54	0
	Mudstone, black black, very carbonaceous with coal partings and nodules.				
	Core fragmentary.	1	0	55	0
	Agal.	2	0	60	0
	Siltstone, grey, slightly micaceous, with carbonaceous plant fragments.	1	6	61	6
	Mudstone, grey (a poor core recovery).	9	6	71	0

203823/1 P365 4m 11/61 XL



Name of Shaft or Bore: LONDON YORKSHIRE

6-inch Map
Registered
No.

9612

SK46NE 91A

GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT	in.	FT	in.
	<u>B/S.</u>			71	0
	Coal, very inferior	1	1	71	1
	Mudstone, gray, silty, with lenticular surfaces and coal fragments				
	Coal fragmentary	0	11	72	0
	Sandstone, pale gray, with silty bands. Carbonaceous - micaceous				
	Partings, massive. Abundant				
	Sandstone nodules from 75'6" to 76'6"	6	6	78	6
	Passes down into				
	Siltstone, gray, slightly micaceous, with sandstone lamellae and occasional bands. Carbonaceous patches	10	6	89	0
	Alternation of Siltstone & fine grained Sandstone, micaceous, current marking	3	0	92	0
	Sandstone, with siltstone bands and lamellae, pale gray, gray.	6	0	98	0
	Passes down into				
	Siltstone, gray.	1	0	99	0
	Mudstone, gray, with "ironstone" band at base.	1	0	100	0
	Base of hole.				

20590293/2 P365 4m 11/61 XL



RECORD OF BOREHOLE NO. P512A

Ground level: 383.9ft. above O.D. Newlyn (28.4.63)

Dis. of boring: 8in. to 17ft.
NX (28in. core) to 100ft.

Type of boring: Shell and Auger and
Rotary Core Drilling

Lining tubes: 8in. to 17ft.
NX (3in.) to 60ft.

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percent age or Type	Legend	Depth	O.D. Level	
	2'0"	0		1'0"	342.6	TOPSOIL
	7'0"	0				Laminated mottled grey and brown silty CLAY
	13'0"	0		12'0"	331.8	
6.4.63	17'0"	0		17'0"	326.9	Friable grey-brown silty fine SANDSTONE
	23'6"	85%				
23.4.63	28'6"	90%		36'0"	307.8	Irregularly laminated, ironstained, pale brown and grey fine argillaceous SANDSTONE; with vertical ironstained open and incipient fissures occasionally calcite healed; broken at 23ft.6in. with clayey intercalations; with occasional bands of very stiff dark brown clay to 39ft.
	38'6"	100%		38'6"	305.3	Well bedded soft grey shaley MUDSTONE; vertically fissured; grading into hard grey CLAY at 37ft. 6in.
	48'6"	90%				Grey medium SANDSTONE; partly ironstained; conglomeratic at top, in parts laminated with incipient and open ironstained vertical fissuring. Core broken
	55'0"	40%		50'6"	293.3	
24.4.63	55'0"			55'0"	288.8	OLD MINE WORKINGS, partly filled with hard brown and black shaly and sandy clay
25.4.63	60'0"	Non coring		60'0" approx.	283.8	Non coring
	68'6"	60%		69'6"	274.3	Well bedded hard grey MUDSTONE; vertically fissured with bands of hard grey clay and soapy shale; broken from 61ft. to 63ft.
	72'6"	85%		72'6"	271.3	Soft dark grey soapy SHALE (3in.) overlying black coaly shale, thin pitchy COAL and 3in. coaly MUDSTONE at 71ft. 6in.; poorly bedded soapy dark grey SHALE at base
26.4.63	78'6"	100%				Irregularly laminated, well cemented grey fine SANDSTONE; with near vertical open and incipient fissures; muddy from 78ft. 6in. and laminated dark grey and cream with occasional fissuring; Hard cream clay intercalation at 88ft. 6in.; ironstones at 88ft. 6in.; decreasingly muddy from 90ft. with healed vertical fissures at 93ft.; argillaceous laminae increasing from 96ft.
	89'6"	100%		98'6"	248.3	
27.4.63	100'0"	90%		100'0"	243.8	Well bedded, vertically fissured grey MUDSTONE with apple green ironstones at top and base

COAL MEASURES