

A STATE OF THE STA

RECORD OF BOREHOLE NO. 567A/I

Daily	Core Mecove or Mumple	bry d	Ch	ange of S	itreta	SK45NW 231	
rogress	Depth	Perses	Logand	Depth	O.D. Level	Description of Strata 4471 5812	
		ego or		1'6"	494.6	4471 5812 TOPSOIL	T
	2,101 - 3161	υ(#)					ě.
	3.6.	D		6'0"	430.1	Stiff friable mottled grey and brown sandy and silty CLAY	COAL MEASURES
6.5.63.	6'6"	D		8'0"	428.1	Weathered and broken brown sandy MUDSTONE	66
							\ <
				•			
		,				,	
j							
						(6)	
	,						
٠	* *						
				•			
							M
							-
						(69)	
	•						
	of sample : in. dle, undisturbed	d sample.	Rema	arks : (C	Observatio	ons on ground-water, etc.)	
(H)= [in. dig. undisturbed in. dig. isturbed sample. ulic disturbed samp	nia.	Nog	round-w	ater was	encountered during boring.	
/ w	rater sample. sanderd penecration	n test.				•	
	ynamic cone penet let. lets gives	ration	6				
e. of blow	s/12 in. penetration		9)		T As	
			LONE		RY OF TRE	MISPORT Solis N E MOTORWAY 3/3847	
			TROW	ELL TO	BARLBORG	OUGH SECTION FIG. 1	_
						į riu.	/ 3



RECORD OF BOREHOLE NO. 5674/II

pe of bori	Core Bocos	ery		ange of	Strata	Lining tubes: MX(3in.) to 6ft. SKYS PW 23
Daily	er Snapl	Permet	<u> </u>		-	Description of Strata
Progress	Depth 0°0"	ego or	Logand	Depth	O.D. Level	
		Non coring				
	6.0.			6.0.	130.1	
		63%	Χ,			
3.5.63.	10'0"	.,,,	\Rightarrow			Weathered and broken brown sandy MUDSTONE: ironstained joints and finaures
			XX	12'0"	424.1	\
		875				
ļ.	15'0"	┼				
:		705	X	•	1 1	•
-	20'0"	/**				Gray SHALE, weathered at top becoming
F			***			- darker with depth
		95%				
ļ	52,0.	-				(6)
-				27'2"	408.9	
		725	えズム	26'10	407.3	COAL
4.5.63.	30.0	†	રે તે ત	9914-		SEATEARTH, becoming shally and sandy with depth
1	1.5	80%		32.0-	404.1	
L	35.0-	<u> </u>		. ,	<u> </u>	
		-	7		1 1	Broken grey sandy MUDSTONE with plant remains
	"	835				
-	#0'0"			40'6"	395.6	
-		925	***			
	45'0"					
Γ					1	Broken grey SHALE, becoming black from 49ft.
-		925			1	·
-	50'0"	ļ			1	
ŀ		695	444	51'10 52'4'	984.3 383.8 382.6	COAL SEATEANTH
6.5.63.	55'0"			55'0"		Massive grey MUDSTOME
	,					
						(Baga)
Key to type o U (4) — 4 ii U (14) — 14	n. dig. undisturb	ed rample.	Rec	narks : (Observation	ons on ground-water, etc.)
	turbed sample. Ik disturbed-sai ter sample. Indeed pesietrati namic cone pen t. ts gives (12 in. penetrati	eration	5)			
			LON		TRY OF TR	ANSPORT Solis N E MOTORWAY 3/3847
			TRO	WELL TO	RAPI BOR	PUGH SECTION FIG.



	Core Recovery or Sample			inge of S	itrata	SKUSW 23		
Daily Progress	Depth	Persont age or Type		Depch	O.D. Level	Description of Strata		
6.5.63.	2'0" - 3'6" 3'6" 5'0" 7'0" - 8'6" 8'6"	U(#) D		9.0-	442.1 434.6	TOPSOIL Compact weakly cemented brown clayey silty fine SANO	COAL MEASURES	
						(BCB)		
		(0)	35					
						(BCS)		
(4)	e of sample: 4 in. dia. undisturb 1 ji in. dia. disturbed sample. bulk disturbed sam water sample. standard penetrati dynamic cone penetrati cast gives ws/12 in. penetrati	mple. ion test. etracion	Grou of 6	nd-wate ft. fin le of g	r was fir . below g round-wat	icions on ground-water, etc.) ret encountered at a depth of 7ft. and rose to pround lavel. ter taken. PARSPORT Soils	J.	
			LOI		ORKSHII	RE MOTORWAY 2/388		



ार हो है के बेलने किरियों के प्रोसेटी जिस्सी के अन्य के हैं जो जो के बेलिकों के हैं जो उन्हें के जो कर जो जाता

STATE OF STATE

RECORD OF BOREHOLE NO. 56 6 __

Daily	Core Rece or Same	wery las	CI	ange of	Strate	3K45NV231	
Progress	Depth	Percent age or Type	Lagend	Depth	O.D. Level	Description of Strata	
	0.0.	1750	 	<u> </u>	 	7	T
ļ		Non					
.		coring]		1		
	-14-						
Ħ	8.0-	625		8,0-	¥35.6	Weathered and softened ochreous yellow	
r	10'0"	 		10'3"	433.3	argillaceous fine SANDSTONE	1
İ		85%					
L	15'0"		-,		1 1	Pale brown and grey arilliaceous fine SANDSTONE	
		1 2				SARDS FORCE .	
- 1		73%		19.0-	424.6		
	20'0"						
1		70%	D	·		•	2
	25'0"	""					ÇQ A
						Broken pale gray shaly MUDSTONE and SHALE, with occasional ironstones	MEASURES
		100%	*			with occasional ironstones	NE.
/	30.0.						"
]					1		
		60%		34'8"	408.9		
上	95'0"	-		36'4"	407.3	COAL	
		775	333			07.47.171	
7.5.63.	40'0"	٠.	रेरे रे	40'0"	403.6	SEATEARTH	
			\parallel	40'6"	401.6	Grey MUDSTONE Massive grey medium to fine SANOSTONE, grading to mudstone	
l					1	grading to mudatone	
- 1		67%			`	Broken shaly MUDSTONE, with plant	N
			XX			remains	
8.5.69.	50*0*			50'0"	393.6		
İ							
[•	
· \						(-6)	
		1			1		
- 1		1					
ey to type o	f sample :	1	Ran	rks · //)hearusia	ns on ground-water, etc.)	
	dia, undisturb	ed sample.					
D — die	turbed sample. Ik disturbed sar	mple.	Wash	water i	return los	t below 13ft. depth.	ļ
() sta	ter sample. ndard penetrati						
tes		etration					
o. in bracke o. of blows	ts gives '12 in. penetrati	ion.					
	-				RY OF TRAN		o: \
			LON	JUN-YO	RKSH I RE	MOTORWAY \$/3547	.,
			TROW	FLL TO	RAPI ROPOI	FIG.]



(JAC 11 4)	GICAL SURVEY OF GREAT BRITAIN	(For Sur	vey use o	mly)	
		6-inch Map	Register	red No.	
RECORD (OF SHAFT OR BORE FOR MINERALS				
Jame of Shaft or Row	given by Geological Survey:				
value or onare or bore	567A	SKYS	CNW	231	
Name and Number giv		Nat. Grid R			·····
_					
		41	471	5812	
· •• · · · · · · · · · · · · · · · · ·		1"N.S.Map	1'0.5.		idential
•	(Attach a tracing from	No.	No.	. °	r not
	a map, or a sketch- map, if possible.				
	Le				0
	relative to O.D If not ground level give O.L), of beginni	ing of sh	haft	
Made by	1 100 g. o c c c c c c c c c c c c c c c c c c	Date of	inkina inkina	ore 19化ラ	
	- sought - See.				
Examined by	· .	Date let	CIVCU	·	
xamined by		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			***************************************
	(9)				
(For Survey use only)		Тніся	CN1888	DEPT	н
Geological Classification	DESCRIPTION OF STRATA	FT	in.		
			114.	Fr	in.
Jam samphes. J			IN.	FT	
, , , , ,	Day De fry - brane		18.	خ	6
	Sand of the sand		18.	Fr 6	6 L
	Jan or or borne		18.	خ	6 L 6
	Swallow Punks		. 18.	خ	6
(GS)	Sandstone pole brown, fri spanis	Z.		3 6 17 6	6 L 6
(BCS)	Care Fragmaticay	5	0	خ	6 L 6
(BGS)	mudston any elle Hearily in			3 6 17 6	6 L 6
(BCG)	mudeton gray selly Heavily in strands in top 12" Sparadic Fronts	*	0	3 6	6 6 6
(BCG)	Mudston gray elly Heavily in straints of the 12" Sparadic Francis bands	-s U4	0	6	6 6 6
(BGS)	Mudston gray ell Hearily in Stown to top 12" Sparade Fronts Dands	14 2	0	25 97	6 6 0
(BGS)	mudetone gray Elly Heavily ison stands to Ep 12" Spacedic Fronts bands mudetone gray Cod	-s U4	0	6	6 6 0
(BGS)	Mudston gray ell Hearily in Stown to top 12" Sparade Fronts Dands	14. 2.	0 9 8	95 97 93	6 6 0
(BGS)	mudetone gray Elly Heavily ison stands to Ep 12" Spacedic Fronts bands mudetone gray Cod	1h 2 1	0 9 8	2 6 11 95 97 93 32	6 6 6
(BGS)	Com fragment cong Mudstone gang 2 lly themily iron Stown 2 p 12 "Sparable Franchs Donds: Mudstone gang Cod Sector mudstone gang ind Aband and little angless Mudstone gang	14. 2.	0 9 8	2 6 6 11 95 97 98 97 98 99 44	0 0 0
(BGS)	Cool Substance grow all the side is should be	1 1 3 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 9 8	25 95 97 98 94 44 45	6 L 6 G
(BGS)	Mudston gray selly theority ments stowed to top 12" Spacodic Francis bonds Mudstone gray Cool mudstone gray and all polder Mudstone gray and sell polder Mudstone gray and sell polder	3 19 1	0 9 8	25 97 95 97 98 44 45 47	6 L 6 0 2 16
(BGS)	Mudstone gray selly theority incomes stowed to top 12" Sparodic Francis bonds Mindstone gray Cool Sustant modition gray ind bunded history gray ind bunded gray with selly polder bunded as best gray with selly polder bunded as benefit gray combonacions	1 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 9 8	25 27 25 27 28 32 44 45 47	6 L 6 G
BGS	mudstone gray selly thereinly income strained in the 12" Sparcodic Franchs bonds mudstone gray Cod Sectional mudstone gray with Security mudstone gray with selly patcher mudstone gray with selly patcher mudstone gray with selly patcher mudstone gray with selly patcher mudstone gray with selly patcher mudstone gray with selly patcher mudstone gray with selly patcher mudstone gray	3 13 19 9	0 0 0 0 0 0	3 6 11 95 97 93 44 45 47 19 51	6 L 6 6 0 2 15 0 0
	mudstone grow selly themsely income strained in the 12" Sparcodic Grants bonds mudstone grow Coad Sectional mudstone grow will about out listing a faces mudstone growy with selly patient mudstone growy Coad.	1 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 9 8	25 27 25 27 28 32 44 45 47	6 L 6 0
BGS	mudstone grow selly thereinly iron strained in the 12" Sparadic Francis bands modeline grow coad that a spaces band and that a spaces band and that a spaces band and state grow and selly potalor band state grow and selly Casel band state grow selly	3 13 19 9	0 0 0 0 0 0	3 6 11 95 97 93 44 45 47 19 51	6 L 6 G
(BGS)	mudstone gray selly thereinly iron strained in the 12" Sparcalic Francis bonds modeline gray cod sectorial midstone gray and bodstone gray mid selly potder bodstone gray mid selly potder bodstone gray mid selly potder bodstone gray condomacrons bodstone gray Cosel Sentente budstone gray selty porse: It seldstone gray selty	3 19 19 9	0 0 0 0 0 0	3 6 11 95 97 93 44 45 47 19 51	6 L 6 G
(AS)	mudstone grow selly thereinly iron strained in the 12" Sparadic Francis bands modeline grow coad that a spaces band and that a spaces band and that a spaces band and state grow and selly potalor band state grow and selly Casel band state grow selly	3 13 19 9	0 0 0 0 0 0	3 6 11 95 97 93 44 45 47 19 51	6 L 6 G
	mudstone gray selly thereinly iron strained in the 12" Sparcalic Francis bonds modeline gray cod sectorial midstone gray and bodstone gray mid selly potder bodstone gray mid selly potder bodstone gray mid selly potder bodstone gray condomacrons bodstone gray Cosel Sentente budstone gray selty porse: It seldstone gray selty	3 19 19 9	0 0 0 0 0 0	3 6 11 95 97 93 44 45 47 19 51	6 L 6 G G G G G G G G G G G G G G G G G



61	OGICAL SURVEY OF GREAT BRITAIN	(For Si 6-inch Mag	crosy us Regis	**	
RECORD	OF SHAFT OR BORE FOR MINERALS	•			
Name of Shaft or Bor	e given by Geological Survey:				
	567 B	5 K45	744	<u> 1231</u>	
Name and Number gi	iven by owner:	Nat. Grid	Referen	ice	
					_
Town or Village	County	1"N,S, Map No.		S. Map Co	onfidenti or not
Exact site	Attach a tracing from a map, or a sketchmap, if possible.	0.0.			CO
	t relative to O.D. If not ground level give O.	D. of books		shaft	
Made by	Transitive to O.D	Deeper	ung or	bore	***************************************
•	- Sanghi Cons				
	took (& Brilly				*************
	(BC)				
÷					
					GG.
(For Survey use only)	DESCRIPTION OF STRATA	Тнісі	(NESS	Dx	PTH
(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	Thica	in.	DE:	
GEOLOGICAL	DESCRIPTION OF STRATA	-	1		
GEOLOGICAL	DESCRIPTION OF STRATA One of the control of the co	-	1	FT	
GEOLOGICAL	DESCRIPTION OF STRATA Southern poly and forther Southern poly and the second s	-	1	FT	in
GEOLOGICAL	DESCRIPTION OF STRATA Scoots Apole and in the form	-	1	F1 3 5 8	in
GEOLOGICAL	Scoothon, poly gran, will brooks	-	1	Fr 3	in
GEOLOGICAL	DESCRIPTION OF STRATA Log of Direct Sulf Small	-	1	F1 3 5 8	in 6
GEOLOGICAL	Scoothon, poly gran, will brooks	-	in.	Fr 3 5 8 8	in 6
GEOLOGICAL	Scotton soft grown for groved, and	-	in.	Fr 3 5 8 8	in 6
GEOLOGICAL	Scotton soft grown for groved, and	Fr	in.	Fr 3 5 8 8	in 6
GEOLOGICAL	Soudstone gold gran buff to Soudstone gold gran buff to Soudstone gold gran buff to Soudstone gold gran buff to	-	in.	Fr 3 5 8 8	in 6
GEOLOGICAL	Sondstone arongo for ground many soft stones arongo for ground many soft ground arongo for ground arong soft for ground arong a contract of a	Fr	in.	Fr 3 5 8 8	in 6
GEOLOGICAL	Sandstone arongo for poured mes Sandstone arongo for poured mes soft for sole gay buff for sond will limster strong end contained mes course garting sole gay site interpretate garting sole gay site interpretate gartine bands of population modular	Fr	in.	8 8	in G
GEOLOGICAL	Scortson pale of will from soft some of the sound of the	Fr	in.	8 8 10	in 6
GEOLOGICAL	Scoolstone poly grow will broken Scoolstone arongo, for growed, was south Scoolstone pole grow buff for grown, will broken structure goatings book combonaucous mucusus goatings book of prostone modules forestore goay silk with spools booked (".	Fr 9	5 N.	8 8 10	in 6
GEOLOGICAL	Scortson pale of will from soft some of the sound of the	Fr	in.	8 8 10	in 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
GEOLOGICAL	Scordstone arongo for grand and spords of the strength of the	Fr 9	8 g	8 8 10	in 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
GEOLOGICAL	Sandstone arongo for grand and some sould stone arongo for grand sould stone arongo for grand sould stone and sould	Fr 9	5 N.	8 8 10	in 6
GEOLOGICAL	Scoots poly poly ill hooks Scoots poly poly ill hooks Scoots poly poly point Scoots poly pay buff for Scoots poly pay buff for Scoots poly pay ill spool I make poly in provide Took (" Cool buildon Scoton by will plant Sulfator day pay buff plant Sulfator day pay buff plant Sulfator day pay buff plant Sulfator day pay buff plant Sulfator day pay buff plant Soots on pale gray for ground	Fr 9	8 g	8 8 10	in 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
GEOLOGICAL	Sandstone arongo for grand and some sould stone arongo for grand sould stone arongo for grand sould stone and sould	Fr 9	8 g	8 8 10	in 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

Mondeton gray, willy, with soudstand

6