

## GEOLOGICAL SURVEY OF GREAT BRITAIN

## RECORD OF SHAFT OR BORE FOR MINERALS

Name of Staff or those given by Geological Survey:

Name and Number given by ~~det~~:

**For whom made**

Town or Village..

**Exact site**

Purpose for which made.

Ground Level at <sup>shaft</sup><sub>base</sub> relative to O.D.

**Made by.**

Information from for Samples and cover

Examined by D. V. Frost C. B. Bradley

**(For Survey use only)**

6-inch Map Registered No.

SKUGNE 70

**Nat. Grid Reference**

4539 6811

1<sup>st</sup> N.S. M.  
No.

1° O.S. Map  
No.

**Confidential**  
or not

Attach a tracing from a map, or a sketch-map, if possible.

If not ground level give O.D. of beginning of shaft bore

Date of sinking.....1963

Date received.....1963

## SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only)		THICKNESS		DEPTH	
GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	Ft.	In.	Ft.	In.
for samples {	Coal.			5	0
	sandstone - gray			11	0
	sandstone, gray, with silty laminae.			17	6
	sandstone, g " " "			18	0
	" " " "				
	" " " "				
	" " " "				
	" " " "				
Sandstone - blk gray fine grained with silty sandstone bands and laminae in top 10'.				20	0
Becomes weathered below 30'-40'					
May silt, laminae w carbonaceous - micaceous partings 46-48'					
Becomes weathered below this, and coarser grained.					
	Base of hole.	30	0	50	0



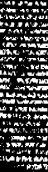



SK46NE 70

4539 68/1

RECORD OF BOREHOLE NO. 616/70

Ground level : 271.0ft. above O.D. Newlyn (25.4.63) 8in. to 20ft.  
Dia. of boring : NX (2 1/2 in. core) to 50ft.  
Type of boring : Shell and Auger and Rotary Core Drilling  
Lining tubes : NX (3 1/2 in.) to 20ft.

Dully Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
	3'6" - 5'0"	U(4) 0		3'6"	267.4	TOPSOIL
	5'0" - 8'6"	U(8) 0		10'0"	261.0	Stiff grey silty CLAY; thin weathered coal seen at 5ft. depth
	8'6" - 10'0"	0				Gray silty MUDSTONE
	10'0" - 15'0"	60				
	15'0" - 17'6"	0				
	17'6" - 18'0"	0				
	18'0" - 20'0"	60				
11.4.63	20'0"		20'0"	251.0		
	30'0"	80%				Generally broken poorly laminated grey medium to fine SANDSTONE, grading in parts to mudstone. Laminations distinct from 47ft. to 48ft.
	40'0"	95%				
	50'0"	100%				
9.5.63	50'0"		50'0"	221.0		
Key to type of sample :			Remarks : (Observations on ground-water, etc.)			
U (4) — 4 in. dia. undisturbed sample.			Ground-water was first encountered at a depth of 6ft. below ground level and a sample was taken. Artesian water was encountered at 26ft. depth.			
U (1½) — 1½ in. dia. " "						
D — disturbed sample.						
SD — bulk disturbed sample.						
W — water sample.						
S { } — standard penetration test.						
C { } — dynamic cone penetration test.						