

<b>GEOLOGICAL SURVEY OF GREAT BRITAIN</b> <b>RECORD OF SHAFT OR BORE FOR MINERALS</b>		<i>(For Survey use only)</i>  6-inch Map Registered No.  <div style="border: 1px solid black; padding: 5px; text-align: center;">           SK 460E 81         </div>						
Name of Shaft or Bore given by Geological Survey: <div style="border: 1px solid black; padding: 2px;">             LONDON-YORKSHIRE           </div>		Nat. Grid Reference  <div style="border: 1px solid black; padding: 2px; text-align: center;">             4534 6608           </div>						
Name and Number given by owner: <div style="border: 1px solid black; padding: 2px;">             MOTORWAY           </div>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%; padding: 5px;">1" N.S. Map No.</th> <th style="width: 33%; padding: 5px;">1" O.S. Map No.</th> <th style="width: 33%; padding: 5px;">Confidential or not</th> </tr> <tr> <td style="height: 100px;"></td> <td></td> <td></td> </tr> </table>	1" N.S. Map No.	1" O.S. Map No.	Confidential or not			
1" N.S. Map No.	1" O.S. Map No.		Confidential or not					
For whom made: _____								
Town or Village: _____	County: _____							
Exact site: _____		<div style="border: 1px solid black; padding: 5px;">             Attach a tracing from              a map, or a sketch-              map, if possible.           </div>						
Purpose for which made: _____								
Ground Level at <sup>shaft</sup> <sub>bore</sub> relative to O.D.: _____								
Made by: _____		If not ground level give O.D. of beginning of <sup>shaft</sup> <sub>bore</sub> : _____						
Information from: _____		Date of sinking: _____						
Examined by: _____		Date received: _____						

## SPECIMEN NUMBERS AND ADDITIONAL NOTES

[illegible]



## RECORD OF BOREHOLE NO. 6021

Ground level: 382.5ft. above O.D. Newlyn (1.4.63)      8in. to 8ft.,  
Dia. of boring: 8x (18in. core) to 40ft.  
Type of boring: Shell and Auger and      Lining tubes: 8x (29in.) to 15ft.  
Rotary Core Drilling

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	COAL MEASURES	
	Depth	Per centage or Type	Legend	Depth	O.D. Level			
	1'6"	D		1'6"	381.0	TOPSOIL		
	2'0" - 3'0"	BD					Stiff gray-yellow and brown silty CLAY with shale fragments	
16.3.63.	4'0" - 5'6"	U(4)			6'0"	376.5		
	5'6"	D						
	6'6" - 8'0"	U(8)			8'0"	374.5	Very stiff gray shaly silty CLAY	
	8'0"	D						
18.3.63.	10'6"	D					Weathered gray silty SHALE	
	10'6" - 11'0"	BD			11'0"	371.5		
	11'0"				11'6"	371.0	Brown clay IRONSTONE	
	11'6"	90%						
		78%						
	16'0"					Laminated gray silty MUDSTONE; weathered soft and brown from 12ft. to 13ft. 3in., with plant remains, and brown siltstone and sandstone bands below 16ft.		
21.3.63.	20'0"	62%		20'0"	362.5			
		33%						
	26'0"							
		20%				Laminated friable yellow and gray SANDSTONE, grading to massive yellow and gray sandstone		
	31'0"							
		11%						
22.3.63.	40'0"			40'0"	342.5			

**Key to type of sample:**  
U (4) — 4 in. dia. undisturbed sample.  
U (1 1/2) — 1 1/2 in. dia. " "  
D — disturbed sample.  
BD — bulk disturbed sample.  
W — water sample.  
{ } — standard penetration test.  
C { } — dynamic cone penetration test.  
No. in brackets gives  
No. of blows/12 in. penetration.

**Remarks: (Observations on ground-water, etc.)**  
No ground-water was encountered during boring

MINISTRY OF TRANSPORT  
LONDON-YORKSHIRE MOTORWAY  
TROWELL TO EARLBOROUGH SECTION

Soils No:  
3/3847  
FIG. 248

GEORGE WIMPEY & CO., LTD.      CENTRAL LABORATORY      HAYES