



SK45NE 97B RECORD OF BOREHOLE NO.556B/II

Ground level: 469.8ft. above O.D. Newlyn (19.4.63.)

Dia. of boring: 4X (2gin. core)

Type of boring: Rotary Core Drilling

Lining tubes: Not used

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata
	Depth	Percentage or Type	Legend	Depth	O.D. Level	
	0'0"	Non coring		4'0"	465.0	
	4'0"	100%		6'0"	461.0	Hard pale brown CLAY (weathered mudstone) becoming shaly; at 6ft. - 2in. band pale brown fine SANDSTONE
	8'0"	100%				
	17'0"	100%				Dark cream and grey fine SANDSTONE; with steeply inclined open and incipient iron-stained fissures. In part poorly laminated from 17ft., with occasional thin argillaceous intercalations
	26'0"	100%		29'0"	440.0	
	34'0"	100%				Grey MUDSTONE; sandy and laminated to 35ft., thereafter in part well bedded, with near vertical fissures throughout
29.5.63	42'0"	100%		42'6"	427.0	Grey-green SEATEARTH
				42'7"	426.8	Black coaly SHALE
				43'8"	425.3	COAL
				44'5"	424.6	COAL
		100%		47'3"	421.7	Strongly broken grey shaly MUDSTONE
	50'0"	100%				Grey MUDSTONE with plant remains
20.5.62	58'0"			56'0"	411.0	

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.
- S { — standard penetration test.
- C { — dynamic cone penetration test.

No. in brackets gives
No. of blows/12 in. penetration.

Remarks: (Observations on ground-water, etc.)

Wash water return lost at 11ft. depth.

MINISTRY OF TRANSPORT
LONDON-YORKSHIRE MOTORWAY
TROWELL TO BARLBOROUGH SECTION

Soils No:
3/3547

FIG. 161

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CENTRAL LABORATORY

HAYES



SK45NE97B

SK45NE97B
RECORD OF BOREHOLE NO. 5568/I

Ground level: 467.0 ft. above O.D. Newlyn (9.4.63.1)

Dis. of boring: 8 in.

Type of boring: Post-hole Auger

Lining tubes: Not used

SK45NE97B

Daily Progress	Core Recovery or Samples		Change of Strata			Description of Strata	COAL MEASURES
	Depth	Percentage of Type	Legend	Depth	O.D. Level		
22.5.63	5'0" - 6'0" 5'0"	U(4) D		1'2"	467.7	TOP SOIL	
				4'6"	464.5	Stiff mottled blue and brown CLAY with traces of coal below 3ft.	
				5'0"	464.0	Stiff grey CLAY	
				6'0"	463.0	Very stiff friable mottled grey and brown silty CLAY with some pockets of sand, weathered shale fragments	
<div>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. S () — standard penetration test. C () — dynamic cone penetration test. No. in brackets gives No. of blows/12 in. penetration.</div> <div>Remarks: (Observations on ground-water, etc.) No ground-water was encountered during boring. ** Full penetration of sampler not attained.</div>							
MINISTRY OF TRANSPORT LONDON-YORKSHIRE MOTORWAY TROWELL TO BARLBOROUGH SECTION						Soils No: S/3567 FIG. 160	

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CENTRAL LABORATORY

HAYES



GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

556B

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

(For Survey use only)

6-inch Map Registered No.

4522 5640

Nat. Grid Reference

SK45NE97B

1" N.S. Map
No.

1" O.S. Map
No.

Confident:
or not

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only)
GEOLOGICAL
CLASSIFICATION

DESCRIPTION OF STRATA

THICKNESS

DEPTH

Ft

In.

Ft

In.

Mudstone, buff, silty, with siltstone
bands and laminae. micaceous.

Very weathered.

Sandstone, buff, gray in parts, fine
grained. Vertical joints have limonite
staining, also some limonite
stained patches. Carbonaceous - micaceous

partings, massive.

Mudstone, gray, silty, with bands
and laminae of micaceous siltstone.

Mudstone, gray, silty.

Sandstone bed $\frac{3}{4}$ " at 37'

Very fresh 38-39'

buried at 38'6"

Mudstone, dark gray, very carbonaceous,
with distinct surfaces and plant
fragments.

Coal fragments mixed with fragments
of mudstone substrate.

Mudstone, gray, with distinct surfaces.
Plant fragments and rootlets.

20582293/1 13.05 4m 1/161 XL

Name of Shaft or Bore given by Geological Survey:

554 B

6-inch Map
Registered
No.

SKUSNE 97 B

[illegible]

DS98293/2 PS85 4m 11/61 XL