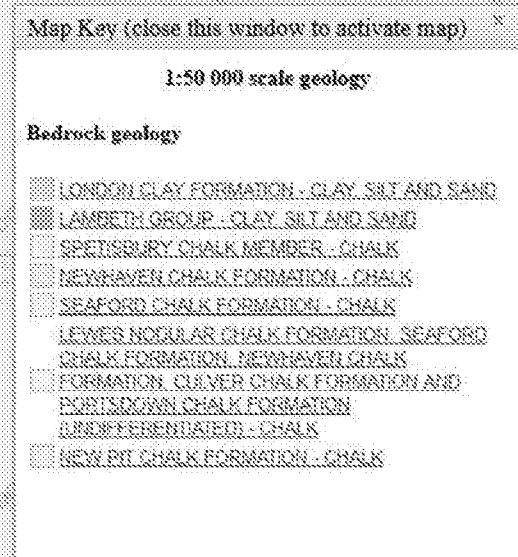


Appendix 2

British Geological Survey Extracts



Surface Geology

☐ Superficial only
☐ Bedrock only
☒ Bedrock and Superficial

Visible geology:
 1:50 000 scale

Geology Key

[More on digital geology](#)

Westminster

Wickham

Shipley

Barnham

BN180DU

Tipton

Lorington

Map Key (close this window to activate map)

1:50 000 scale geology

Superficial deposits

- ☐ ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- ☐ ARUN TERRACE DEPOSITS - 1 MEMBER - SAND AND GRAVEL
- ☐ ALLUVIAL FAN DEPOSITS - GRAVEL, SAND, SILT AND CLAY
- ☐ BLOWN SAND - SAND
- ☐ BEACH AND BEACH FLAT DEPOSITS
- ☐ UNDIFFERENTIATED - CLAY, SILT, SAND AND GRAVEL
- ☐ HEAD - CLAY, SILT, SAND AND GRAVEL
- ☐ HEAD - GRAVEL, SAND, SILT AND CLAY
- ☐ RAISED BEACH DEPOSITS - 1 - SAND AND GRAVEL
- ☐ RAISED MARINE DEPOSITS - CLAY, SILT, SAND

0 0.5 1 Kilometre

North Arrow





British
Geological Survey

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 434407 : BGS Reference: SU90SE29

British National Grid (27700) : 497380,103350 Report an issue with this borehole

<< < Prev Page 1 of 1 Next > >>

SU 90 SE 29

9738 0335

North-east end of Drove Lane, Yapton

British Geological Survey

Surface level +6.6 m
Water struck at +1.9 m
October 1981

Block H

Overburden 3.8 m
Mineral 1.0 m
Bedrock 2.3 m+

LOG

Geological classification

Lithology

Thickness Depth
m m

British Geological Survey

British Geological Survey

British Geological Survey

Soil

0.5 0.5

Brickearth

Clay, brown, silty

1.4 1.9

Raised Beach Deposits
(younger)

Silt, chalky, with chalk pebbles

1.0 2.9

'Very clayey' sandy gravel

1.0 3.9

Gravel: coarse with flint dominant, and fine
with chalk dominant; some cobbles

Sand: fine with some medium and coarse; coarse
mostly chalk

Fines: silt and clay, chalky

British Geological Survey

British Geological Survey

Upper Chalk

Chalk, rubbly, soft, silty and sandy to 6.0 m

2.3+ 6.2

GRADING

Mean for deposit
percentages

Depth below
surface (m)

Percentages

Fines Sand Gravel

Fines

Sand

British Geological Survey

Gravel

British Geological Survey

-4

+4 -4

+4 -1

+1 -4

+4 -16

+16 -64

+64 mm

35

38

27

2.9-3.9

35

28

4

6

10

14

3



SU 90 SE 33 9827 8349

Yapton Church

British Geological Survey

Rock H

Surface level +6.4 m
Water not struck
September 1981

Waste 1.4 m
Bedrock 1.6 m+

LOG

Geological classification	Lithology	Thickness m	Depth m
	Soil and made ground	0.3	0.3
Brickearth	Clay, very sandy, mottled brown and grey-brown; some small flint pebbles	1.1	1.4
Upper Chalk	Chalk, soft, weathered, pale yellowish brown; nodular flints	1.6+	3.0