

APPENDIX 5

GROUND EXPLORATIONS LTD.

10-00 2E/32
0511 0341

BOREHOLE No. ...1.....

Contract Name RUSTINGTON

Report No. L330/FEN

Client West Sussex County Council

Site Address

Address County Hall,

Rustington,

Chichester,

Kr. Littlehampton,

Sussex.

Sussex.

Standing Water Level ... 4'0" ...

Method of Boring Shell/Auger ...

Water Struck ... 4'0"-10'0" ...

Diameter 6 inches ...

Ground Level ... 6'43.0 D. ...

Start ... 12.3.68 ... Finish ... 14.3.68 ...

Remarks

Made ground (dirty soil with stones, roots, etc.)
Very soft brown mottled silty clay
Very soft grey silty organic clay
Weathered chalk
Sound chalk

2'0" 2'0" 0
1'6" 3'6"
11'0" 14'6" 4
18'6" 33'0" 4
7'0" 40'0" 1

GROUND EXPLORATIONS LTD.

12 00 00E/53
0514 0342

BOREHOLE No. 2....

Contract Name RUSTINGTON..... Report No. 1330/FEB.....

Client West Sussex County Council,..... Site Address

Address County Hall,..... Rustington,
Chichester,..... Nr. Littlehampton,
Sussex. Sussex.

Standing Water Level 5'10" Method of Boring Shell/Auger
Water Struck 18'0" Diameter 6 inches
Ground Level 9'63 0.0, 2.74 Start. 22.3.68 Finish 27.3.68

Remarks Strata too soft for S.P.T. at 18'6" and 21'6".

BULK

4839 1'0" : 4854 48'6"
4840 4'0" : 4855 Water
4842 5'0"
4844 10'0"
4846 15'0"
4847 18'6"
4848 21'0"
4849 23'6"
4850 28'6"
4851 33'6"
4852 38'6"
4853 43'6"

Description

Made ground (dirty soil, chalk, cinders, etc.)
Very soft grey silty organic clay
Weathered chalk.
Sound chalk

4'6" 4'6" 1.
14'0" 18'6" 5. 3
28'6" 47'0"
1'6" 48'6" 14. 8

GROUND EXPLORATIONS LTD.

BOREHOLE No. 3....

10 00 OE / 54
3510 0335

Contract Name RUSTINGTON.....

Report No. 4330/FEH.....

Client West Sussex County Council,.....

Site Address

Address County Hall,.....

Rustington,

.....Chichester,.....

Nr. Littlehampton,

.....Sussex.

Sussex.

Standing Water Level 4'0"

Method of Boring Shell/Auger.....

Water Struck 7'0"

Diameter

Ground Level 8-25 O.D.

Start 15.3.68..... Finish 19.3.68.....

Remarks Strata too soft for S.P.T. from 8 ft. to 10 ft.

Soft to firm brown clay with stones
Weathered chalk
Sound chalk

5'0"
16'0"
12'0"

5'0"
21'0"
33'0" 10' 6"

GROUND EXPLORATIONS LTD.

10 00 05E/85
0521 0337

BOREHOLE No. 4.....

Contract Name RUSTINGTON.....

Report No. 4330/FEH.....

Client West Sussex County Council.....

Site Address

Address County Hall.....

Rustington.....

Chichester.....

Nr. Littlehampton.....

Sussex.....

Sussex.....

Standing Water Level 5'0".....

Method of Boring Shell/Auger.....

fer Struck 5'0".....

Diameter 6 inches.....

Ground Level 10'06 O.D.

Start 20.3.68 Finish 22.3.68.....

Remarks

+ 3'87m

BULK

Made ground (dirty soil, cinders, etc.)
Soft brown mottled silty clay
Very soft grey silty organic clay
Weathered chalk
Sound chalk

1'0"	1'0"	0
4'0"	5'0"	
3'0"	8'0"	5
22'0"	30'0"	
11'6"	41'6"	12



TR 005F 57



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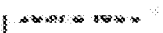
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Terresearch Ltd.

British Geological Survey	EC C1 Equal Light 150m		
	Oris Daily Prog		
British Geological Survey			
	70		
British Geological Survey			
	70		
British Geological Survey			
British Geological Survey			
Operator KS	Local coordinates 5071.2mE 3800	Appendix 1	
10m/sheet		Sheet no. 2E	

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Terresearch Ltd.

British Geological Survey

Contract: RUSTINGTON BYPASS				Borehole No. 19				
Client: West Sussex County Council				Sheet No. 1 of 1. Depth 0 to 10 metres.				
Equipment and Methods Light Cable Percussion Boring 150mm d bar		Ground Level : 4.70		Job Number : S37/525				
Orientation : Vertical		Coordinates : 505 363.5mE 103 388.2mN		Location : Dates : 4/9/87				
Daily Prog.	Water Levels	Remarks	In Situ Tests	Samples Taken	Depth (Thick)	Reduced Level	Description	Legend
				B 3429	0.00	S.L.	TOPSOIL	
				U 3429	0.40	4.30	Fine dark orange-brown silty slightly sandy CLAY with occasional gravel	
				J 3430				
				J 3431	(1.20)			
				U 3432				
				J 3432	1.60	3.10	Firm becoming stiff yellowish white, becoming greyish white rubble CHALK	
			S 12	J 3435				
				B 3436				
			S 16	J 3437	(3.40)			
				B 3438				
			S 20	W 3440				
				W 3441				
				U 3439				
					5.00	-0.30	End of Borehole	
Operator KS		General Remarks: Local coordinates 5365.0mE 3389.1mN					Appendix 1	
Scale 10m/sheet							Sheet No. 26	

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Terresearch Ltd.

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Water rose to 1.90m
after 20 minutes.

Water rose to 3.40m
after 20 minutes.

1

Water rose to 1.90m
after 20 minutes.

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Water rose to 1.90m
after 20 minutes.

70 00 SW 151

Terresearch Ltd.

Contract: RUS
Client: West Susse

Equipment and tools
Light Cable Percussion Boring
150mm diameter

Orientation : Vertical

Daily Prog.	Water Levels	Remarks
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		P Q Q S Water rose to 20 minutes.
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QA

		Water rose to 20 minutes.
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10/9

10/9

Operator
KS

General Res
Permeability
Local coord

Scale
10m/sheet

Sheet No.
23