



Main property and garage level differences at No. 73-75 (left) and No. 77 (right)



Rear garden of No. 77 Avenue Road

APPENDIX D

Kings Scholars Pond
 Division of Wellington
 Road branch - stage II

GEORGE WIMPEY AND COMPANY LTD.
 CENTRAL LABORATORY

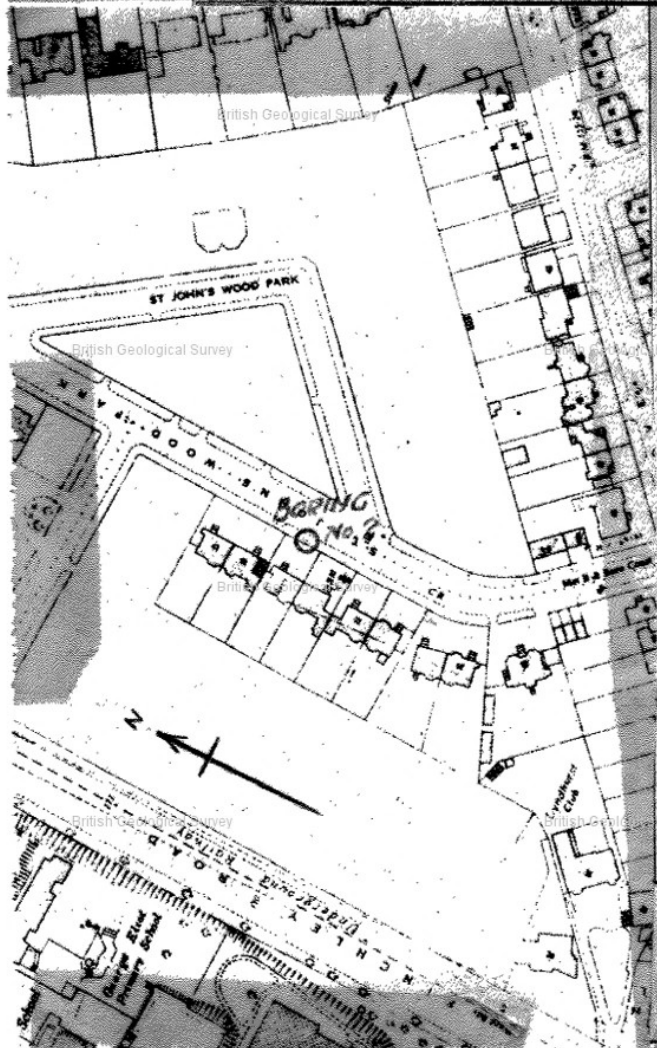
TQ 28 SE/353
 2672.8379

BOREHOLE RECORD

B.H. No. 2

Ground level : +168.6 ft. 51.33m
 Date started : 12.6.62
 Type of boring : Shell and Auger
 Date completed : 12.6.62
 Dia. of boring : 8" Lining tubes :

Date	Depth of Boring	Water Level	Samples		Change of Strata		Description of Strata
			Depth	Type	Legend	Depth	
12.6.62		Nil				9.30m 51.03m 1'0" +167.6	Paving stones over fill
			2'6"	D		0.76m 50.62m 2'6" +166.1	Brown clay with stones
			4'0"	D			Mottled brown and grey clay
			9'0"	D			
			14'0"	D		3.66m 47.73m 12'0" +156.6	
			19'0"	D			Dark brown fissured clay with a few gypsum crystals
			21'0"	D			
			25'0" - 30'0"	BD			
	30'0"	Nil	30'0"			9.14m 42.24m 30'0" +138.6	



Remarks: Note: Level of borehole determined by reference to T.B.M. at Intersection of Boundary Road and St. John's Wood Park.

Soils No :
 S/3530
 Fig. No :

LONDON COUNTY COUNCIL

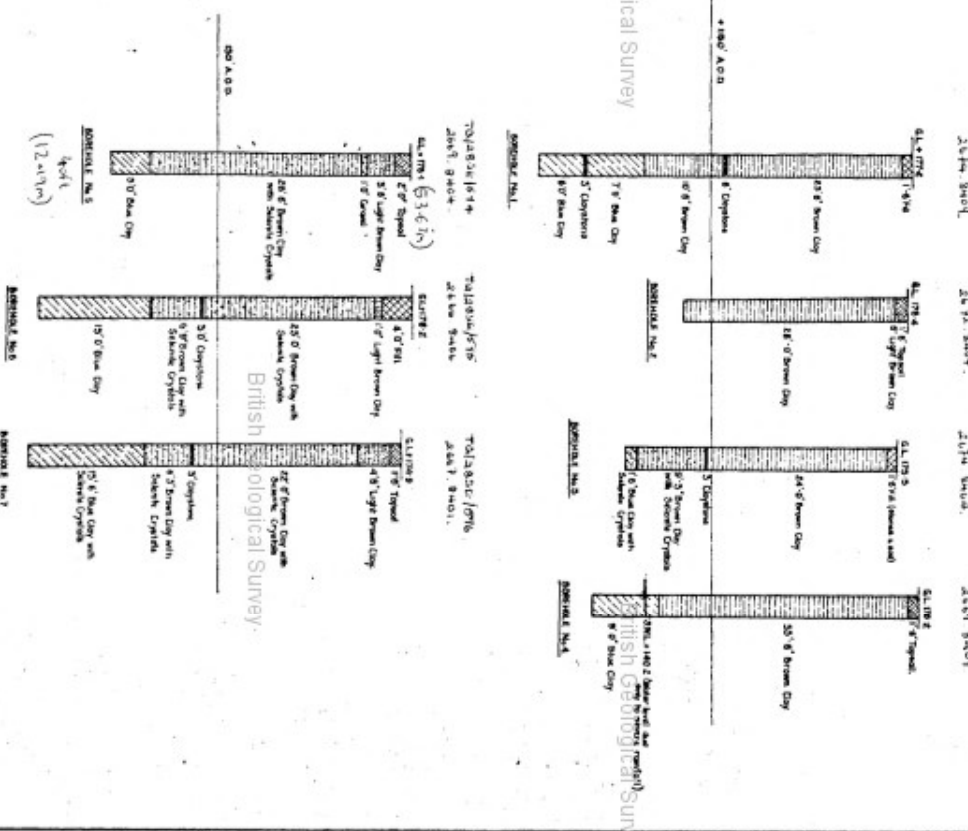
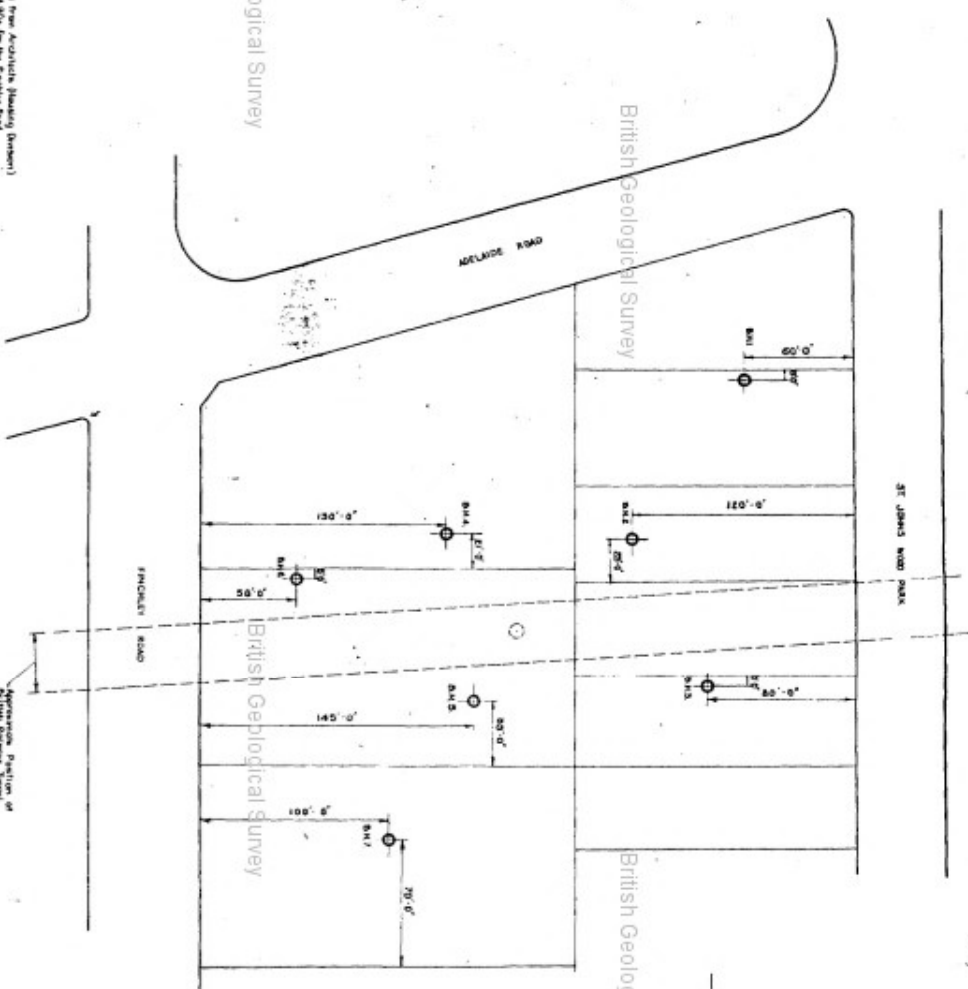
MAIN DRAINAGE

T/O 285E/590-596
1:250

British Geological Survey

British Geological Survey

British Geological Survey



Compiled from Aerial Photographs (Aerials) from the War Office for the Projected Road
Date of Survey - August 1952

HORIZONTAL SCALE: 40 FEET TO ONE INCH

VERTICAL SCALE: 10 FEET TO ONE INCH

British Geological Survey
FINCHLEY ROAD DEVELOPMENT SITE I (EAST)
BORINGS

CHIEF ENGINEERS DEPARTMENT
MAIN DRAINAGE DIVISION
PREPARED BY [Signature]
DATE 22.8.52
M.D. 373/62

SWISS COTTAGE OPEN SPACE

TQ 28/209

Owner L B CAMDEN		Licence No		Nat Grid Ref TQ 268 843				
Occupier		IGS Ref No		Status LIC				
Ground Level 56		m OD		ft OD				
Level of Well Top		m OD		ft OD				
Rest Water Level 90		m bwt		ft bwt				
(Date 02/11/04)		m OD		ft OD				
Construction 25/06/04				Aquifer UPPER CHALK				
Depth bwt m	Diameter mm	Linings (below well top)				Summary of Geological Section	Thickness	Depth
		From m	To m	Diameter mm	Type			
0-9	250	0	117	150	SOLID STEEL	MADE GROUND	0.5	0.5
9-117	244	0	157	113/103	PVC	TOP SOIL	0.7	1.2
117-157	150					LONDON CLAY	83.0	84.2
						N. R. B.	12.0	96.2
						THANNET SAND	4.2	100.4
						PUTTY CHALK	11.6	112.0
						UPPER CHALK	47.0	159.0
Abstraction Rates		Type of Pump						
gph		Chem/Bact Anal		YES NO				
gpd		Well Driller		DRILL CORP				

If insufficient space has been allowed, continue in 'Notes' overleaf

RECEIVED FROM
- 4 JUL 2005
ENVIRON AGENCY

British Geological Survey

Project No: 4003

Borehole Number: 1

British Geological Survey

Project: Swiss Cottage

Engineer: Gifford & Potts **NGR:** TQ 268 843

Client: Camden BC

Elevation: 56m OAD

British Geological Survey

**Kinley Hill Farm,
Hawthorn, Seaham,
County Durham, SR7 8SW.
Tel: 0191 527 3970 (Northern)
Tel: 01473 236611 (Southern)**

TQ28SE/1769

SUBSURFACE PROFILE				INSTALLATION DETAILS		Remarks
Depth	Legend	Description	Elevation	Well Completion Details		
-2		Ground Surface	56.00			
0		MAINE GROUND				Cable Percussion boring at 10" to 9.0m BGL.
0.5		Bricks and rubble				
1		TOP SOIL				Rotary mud flush drilling 9.0-157m BGL
1.5		Dark brown sandy soil				
2		CLAY				Drill at 3 5/8" diameter 9.0-117.0m BGL
2.5		Pale brown clay				
3		CLAY	50.80			Permanent mild steel casing 6" diameter GL-117m BGL
3.5		Pale brown mottled clay				
4		CLAY				Drill at 5 5/8" diameter 117.0-157m BGL
4.5		Brown clay. Laminated from 5.2-9m				
5						113/103mm uPVC liner installed full depth of hole.
6						Borehole acidized using 2t of 28% HCl.
7						Constant rate pump test carried out for 3 days and 1 day recovery
8						
9						
10						
11						
12						
13						
14						
15						
16						
17			38.50			
18		CLAY				
18.5		Grey clay				
19						
20						
21						
22						
23						

Drilled By: N. Snowball/L. Berry

Logged by: Driller

Date step tested: 9-13 Nov 04

Date acidized: 2 Nov 04

Date geophysically logged: n/a

Sheet: 1 of 7

TQ28/209

British Geological Survey
Project No: 4000 **Borehole Number:** 1
Project: Swiss Cottage
Engineer: Gifford & Potts **NGR:** TQ 268 843
Client: Camden BC **Elevation:** 56mOAD

British Geological Survey
Kinley Hill Farm,
Hawthorn, Seaham,
County Durham, SR7 8SW.
Tel: 0191 527 3970 (Northern)
Tel: 01473 236611 (Southern)

SUBSURFACE PROFILE			INSTALLATION DETAILS		Remarks
Depth	Legend	Description	Elevation	Well Completion Details	
24					
25					
26					6" mild steel casing grouted in place
27					
28					
29					
30					
31					
32					113 103mm uPVC casing
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					

Drilled By: N. Snowball/L. Berry **Date acidized:** 2 Nov 04
Logged by: Diller **Date geophysically logged:** n/a
Date step tested: 9-13 Nov 04 **Sheet:** 2 of 7

-TQ 28 / 209

British Geological Survey
Project No: 40015 **Borehole Number:** 1
Project: Swiss Cottage
Engineer: Gifford & Potts **NGR:** TQ 258 843
Client: Camden BC **Elevation:** 56mOAD

British Geological Survey
Kinley Hill Farm,
Hawthorn, Seaham,
County Durham, SR7 8SW.
Tel: 0191 527 3970 (Northern)
Tel: 01473 236611 (Southern)

SUBSURFACE PROFILE			INSTALLATION DETAILS		Remarks
Depth	Legend	Description	Elevation	Well Completion Details	
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					

Drilled By: N. Snowball/L. Berry **Date acidized:** 2 Nov 04
Logged by: E. Miller **Date geophysically logged:** n/a
Date step tested: 9-13 Nov 04 **Sheet:** 3 of 7

Project No: 4006

Borehole Number: 7

TQ28/209

**Kinley Hill Farm,
Hawthorn, Seaham,
County Durham, SR7 8SW.
Tel: 0191 527 3970 (Northern)
Tel: 01473 236611 (Southern)**

Project: Swiss Cottage

Engineer: Gifford & Potts **NGR:** TQ 268 843

Client: Camden BC **Elevation:** 56mOAD

SUBSURFACE PROFILE				INSTALLATION DETAILS		Remarks
Depth	Legend	Description	Elevation	Well Completion Details		
74				<p>Standing water level approx 90m BGL</p>		
75						
76						
77						
78						
79						
80						
81						
82						
83						
84			-28.50			
85		SAND Sand and Gravel	-30.50			
86						
87		CLAY Brown Clay				
88						
89						
90						
91						
92						
93						
94						
95						
96			-40.10			
97		SAND Fine green sand -(Thanet Sand)				
98						

Drilled By: N Snowball/L.Berry

Date acidized: 2 Nov 04

Logged by: Driller

Date geophysically logged: n/a

Date step tested: 9-13 Nov 04

Sheet: 4 of 7

Project No: 4005

Borehole Number: 1

TQ28/209

**Kinley Hill Farm,
Hawthorn, Seaham,
County Durham, SR7 8SW.
Tel: 0191 527 3970 (Northern)
Tel: 01473 236611 (Southern)**

Project: Swiss Cottage

Engineer: Gifford & Prits **NGR:** TQ 268 843

Client: Camden BC **Elevation:** 56m OAD

SUBSURFACE PROFILE				INSTALLATION DETAILS		Remarks
Depth	Legend	Description	Elevation	Well Completion Details		
99						
100			-44.50			
101		CHALK Chalk and flint				
102						
103			-47.10			
104		CLAY Grey clay				
105						
106						
107						
108						
109						
110						
111			-56.00			
112		CHALK Chalk and flint				
113						
114						
115						
116						
117						
118						
119						
120						
121						
122						
123						

113/103mm uPVC screen

Drilled By: N. Snowball/L. Berry **Date acidized:** 2 Nov 04
Logged by: D. Miller **Date geophysically logged:** n/a
Date step tested: 9-13 Nov 04 **Sheet:** 5 of 7

Project No: 4013

Borehole Number: 1

TQ28/209

Project: Swiss Cottage

**Kinley Hill Farm,
Hawthorn, Seaham,
County Durham, SR7 8SW.
Tel: 0191 527 3970 (Northern)
Tel: 01473 236611 (Southern)**

Engineer: Gifford & Prits **NGR:** TQ 268 843

Client: Camden BC **Elevation:** 56mOAD

SUBSURFACE PROFILE				INSTALLATION DETAILS		Remarks
Depth	Legend	Description	Elevation	Well Completion Details		
124						
125						
126						
127						
128						
129						
130						
131						
132						
133						
134						
135						
136						
137						
138						
139						
140						
141						
142						
143						
144						
145						
146						
147						
148						

Drilled By: N.Snowball/L.Berry

Date acidized: 2 Nov 04

Logged by: Driller

Date geophysically logged: n/a

Date step tested: 9-13 Nov 04

Sheet: 6 of 7

Project No: 4006

Borehole Number: 1

Project: Swiss Cottage

TQ 28 / 2091

**Kinley Hill Farm,
Hawthorn, Seaham,
County Durham, SR7 8SW.
Tel: 0191 527 3970 (Northern)
Tel: 01473 236611 (Southern)**

Engineer: Gifford & Prits **NGR:** TQ 268 843

Client: Camden BC **Elevation:** 56mOAD

SUBSURFACE PROFILE			INSTALLATION DETAILS		Remarks
Depth	Legend	Description	Elevation	Well Completion Details	
149					Lower 2" pump set at 130m on 2" flexible rising main.
150					
151					
152					
153					
154					
155					
156					
157					
158			103.00		
159		End of Borehole			
160					
161					
162					
163					
164					
165					
166					
167					
168					
169					
170					
171					
172					
173					

Drilled By: N. Snowball/L. Berry

Date acidized: 2 Nov 04

Logged by: Driller

Date geophysically logged: n/a

Date step tested: 9-13 Nov 04

Sheet: 1 of 7

Norwest Holst Soil Engineering Ltd.

Borehole No. **1**

Contract No. F8715
 Location Elsworth Road
 Client Norwest Holst Project Services Ltd
 Method of Boring Cable Percussion
 Diameter of Borehole 150mm

BOREHOLE LOG

Sheet 1 of 2
 Chainage
 Ground Level m.A.O.D.
 Date 15/2/90

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.Q.D.%	Daily Progress
TOPSOIL		0.40		150mm			15/2
Firm to locally soft, brown mottled orange brown and grey CLAY with occasional selenite crystals ...becoming fissured with depth				to 1.00m	1.00 (40) 2.00 (43)		
Firm brown fissured silty CLAY with orange brown staining and some selenite crystals		3.00			3.00 (45) 4.00 (45) 5.00 (50) 6.50 (50) 8.00 (55)		
Firm to stiff brown grey laminated fissured CLAY		9.80			9.50 (60)		

<p>Type of Sample</p> <p>Is S.P.T. ■ Undisturbed</p> <p>Ic C.P.T. x Vane</p> <p>o Jar △ Water</p> <p>● Bulk ■ Piezometer</p>	<p>Remarks (Observations of Ground Water etc.) () - U100 blows</p> <p>Groundwater not encountered</p>
--	--


Norwest Holst Soil Engineering Ltd.

Borehole No.
1




Contract No. F8715
 Location Elsworthy Road
 Client Norwest Holst Project Services Ltd
 Method of Boring Cable Percussion
 Diameter of Borehole 150mm

BOREHOLE LOG

Sheet 2 of 2
 Chainage
 Ground Level m.A.O.D.
 Date 15/2/90

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.Q.D.%	Daily Progress
Firm to stiff brown grey laminated fissured CLAY					11.00 (60)		
					12.50 (60)		
					14.00 (60)		
					15.50 (65)		
					17.00 (65)		
					18.50 (65)		
Borehole complete at 20.00m		20.00					15/2

Type of Sample

- Is S.P.T.  Undisturbed
- Ic C.P.T. X Vane
- 0 Jar  Water
- Bulk  Piezometer

Remarks (Observations of Ground Water etc.)

.....

Water levels are subject to seasonal or tidal variations and should not be taken as constant

APPENDIX E