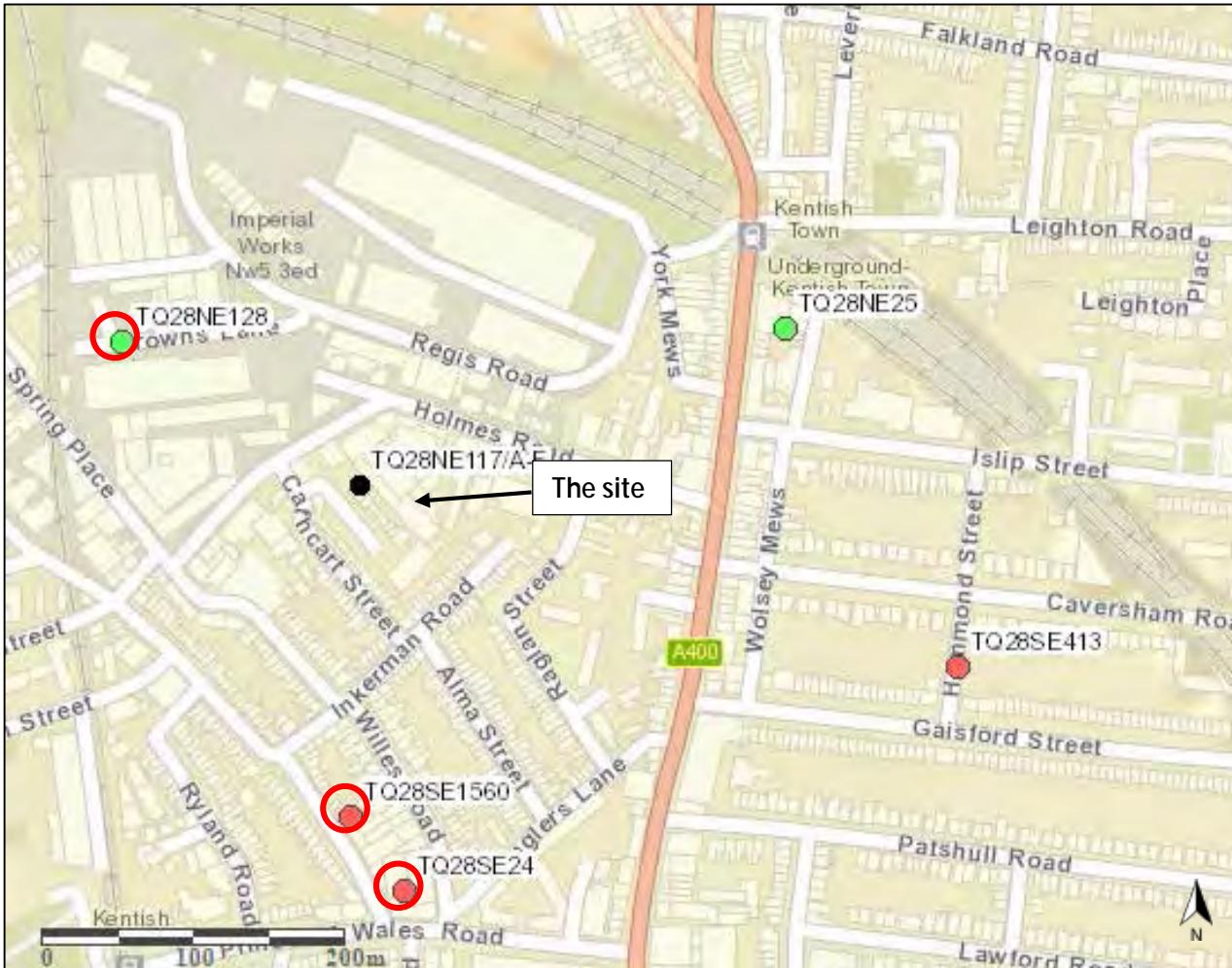


APPENDIX D

Historic BGS borehole logs



BGS borehole referenced within
the report

Client GHR Construction Limited & 45 Holmes Road Limited	Project 45 Homes Road, London	Job No CG/08696B
	Title BGS borehole location plan	Appendix D

Skilcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128
28G 851

Borehole No. 1
Ground level, 35 Gm above O.D.
4th to 6th December 1978.

Notes:-

1. Shell and auger borehole British Geological Survey
2. Casing - 200mm dia. to 7.0m below G.L
3. Standpipe installed to 9.0m below G.L (G. 12-78)

Description of Strata	Legend	Sample	Depth (m)	C.D. (m)	Remarks
FILL; comprising brick rubble and concrete			0.0 - 35.0		
FILL; ash and brick rubble			0.4 - 35.2		
Variablely sandy and silty, light brown to dark brown, with fragments of brick and tile up to 25 mm	I		0.7 - 34.9		
			1.5 - 34.7		
			1.8 - 33.8		
			2.0 - 33.0		12-1-79
Very sandy, dark brown, with small gravel (possibly FILL?)			3.0 - 32.6		
			3.2 - 32.4		
			3.5 - 32.1		
			4.0 - 31.6		Water-bearing

British Geological Survey

NORTH LONDON

TQ 28/NE 128
286 851

BOREHOLE LOG

British Geological Survey			British Geological Survey			British Geological Survey		
British Geological Survey			British Geological Survey			British Geological Survey		
Description of Interval			Legend	Sample	Depth (m)	C.D.	Remarks	
British Geological Survey	British Geological Survey	British Geological Survey						
CLAY; silty, grey fissured and thinly laminated Claystone fragments recovered at 10.2m and 11.0m below G.L.	British Geological Survey	British Geological Survey	LC		10.0 - 25.0		British Geological Survey	
					10.3 - 25.3		British Geological Survey	
					11.2 - 24.4		U 100 attempted - no recovery	
					11.5 - 24.1			
					12.0 - 23.0		End of borehole	
British Geological Survey	British Geological Survey	British Geological Survey					British Geological Survey	
British Geological Survey	British Geological Survey	British Geological Survey					British Geological Survey	
British Geological Survey	British Geological Survey	British Geological Survey					British Geological Survey	
British Geological Survey	British Geological Survey	British Geological Survey					British Geological Survey	
British Geological Survey	British Geological Survey	British Geological Survey					British Geological Survey	
British Geological Survey	British Geological Survey	British Geological Survey					British Geological Survey	
British Geological Survey	British Geological Survey	British Geological Survey					British Geological Survey	

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128
266 851

Borehole No. 2
 Ground Level 38.0m above O.D.
 Date 29th - 30th November 1978

Note: 1. Shell and auger borehole British Geological Survey
 2. Casing - 200mm dia. to 1.5m below G.L.
 3. Standpipe installed to 12.5m below G.L.
 (30.11.78)

Description of Strata	Legend	Sample	Depth (m)	O.D. (m)	Remarks
FILL; bricks and ash with clay		I	0.0 - 38.0	38.0	Small quantities of water used to assist boring throughout
FILL; comprising brown silty clay with brick and rotten wood fragments and medium flint gravel		I	0.5 - 37.5	37.5	
		I	0.7 - 37.3	37.3	
		I	1.2 - 36.8	36.8	
		I	2.2 - 35.8	35.8	
		I	2.7 - 35.3	35.3	
		I	3.7 - 34.3	34.3	
		I	4.2 - 33.8	33.8	
		I	5.2 - 32.8	32.8	
		I	5.5 - 32.5	32.5	
		I	5.7 - 32.3	32.3	
CLAY; silty, slightly organic, dark brown with small carbonaceous fragments	GC	I	6.4 - 31.6	31.6	
		I	6.7 - 31.3	31.3	
		I	7.2 - 30.8	30.8	
CLAY; silty and slightly sandy, brown mottled grey with numerous patches of orange-brown fine sand/silt and occasional rootlets. Band of rounded flint gravel	RLC	I	8.2 - 29.8	29.8	
		I	8.6 - 29.4	29.4	
		I	8.7 - 29.3	29.3	
CLAY; slightly silty, brown and grey with patches of orange-brown fine sand/silt	WLC	I	9.7 - 28.3	28.3	
		I	10.0 - 28.0	28.0	
		I	10.2 - 27.8	27.8	

contd.

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128
286 851

Borehole No.	2 contd.	Note:-			
Sounding Level	-				
Date	-				
Description of Strata	Legend	Sample	Depth (m)	O.D. (m)	Remarks
CLAY; slightly silty, brown mottled gray with occasional patches of fine sand/tilt	WLC		10.0 - 28.0		British Geological Survey
			11.2 - 29.8		British Geological Survey
			11.7 - 29.3		British Geological Survey
			12.5 - 25.5		British Geological Survey
					End of borehole
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey

Skilcentre

NORTH LONDON

BOREHOLE LOG

TQ/NE 128
286 851

Borehole No.	Description of Strata	Legend	Note	Sample	Depth (m)	C.D. (m)	Remarks
3	Ground Level	35.3 m above O.D.	1. Shell and auger borehole 2. Casing - 200mm dia. to 6.5m below G.L.				British Geological Survey
	Date... 23rd - 25th November 1978						
	Description of Strata	Legend		Sample	Depth (m)	C.D. (m)	
	FILL; compacted bricks and stones			I	8 - 35.3		
	FILL; ash and rubble				0.2 - 35.1		
	FILL; comprising silty clay, grey-brown, fissured and softened, with small brick and carbonaceous fragments, rounded and sub-angular flint gravel and calcareous claystone fragments				0.6 - 34.7		Small quantities of water used to assist boring throughout
					0.7 - 34.6		
				I	1.2 - 34.1		
				I	2.3 - 33.0		British Geological Survey
				I	2.8 - 32.5		British Geological Survey
				I	3.6 - 31.8		
				I	3.6 - 31.6		
	CLAY; silty and sandy, odorous dark grey with rounded flint gravel from 3.6m	GC		I	4.0 - 31.3		British Geological Survey
				I	4.2 - 31.1		
	CLAY; silty, light brown becoming brown mottled grey, with fairly numerous fragments of claystone	RLC		I	5.0 - 30.3		Water entry
				I	5.7 - 29.6		British Geological Survey
				I	5.8 - 29.3		
				I	6.6 - 28.8		British Geological Survey
				I	7.0 - 28.3		
				I	7.5 - 27.8		
				I	8.5 - 26.8		British Geological Survey
				I	9.0 - 26.3		
				I	10.0 - 25.3		British Geological Survey

contd.

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 28

286 851

Borehole No. 3 contd

Note:-

British Geological Survey

British Geological Survey

British Geological Survey

Ground Level

Description of Strata

Legend

Sample

Depth

(m)

D.D.

(m)

Remarks

British Geological Survey

CLAY, silty, poorly laminated and fissured brownish grey with mottled grey with occasional patches of orange-brown fine sand/tilt

WLC

I

10.0 - 25.3

British Geological Survey

CLAY, silty, fissured (blocky) grey-brown
Poorly-laminated around 13.0m
Isolated pyritised nodules

LC

I

11.5 - 23.8

L

I

12.0 - 23.3

L

I

13.0 - 22.3

L

I

13.5 - 21.8

L

I

14.0 - 21.3

L

I

14.5 - 20.8

End of borehole

British Geological Survey

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128
286 861

Borehole No. 4

Note:-

Borehole diameter 33.8m above O.D.

British Geological Survey

Date 20th - 22nd November 1978

Shell and auger borehole
2. Casing: 200mm dia. to 6.0m below G.L.

Description of strata

Legend

	Sample	Depth (m)	D.D. (m)	
TARMACADAM				
FILL; brick rubble				
		0.0 - 33.8		
		0.2 - 33.6		
		0.4 - 33.4		
		0.6 - 33.0		
		1.2 - 32.6		
		1.7 - 32.1		
		2.2 - 31.5		
		3.0 - 30.8		Small quantities of water were used to assist boring throughout.
		3.2 - 30.6		
		3.5 - 30.3		
CLAY, very silty and slightly sandy, dark brown and grey with carbonaceous (coal?) fragments (possibly FILL?)	GC			
BAND OF SILTY GRAVEL				
GRAVEL, medium/fine, sandy, brown (possibly FILL?)	G	4.0 - 29.2		U 100 attempted - no recovery
		4.9 - 28.9		
		5.5 - 28.3		
		5.7 - 28.1		
		6.2 - 27.6		
CLAY, silty, brown mottled grey, with scattered patches of orange-brown fine sand/silt and concentration of gypsum. Mainly small intact clay blocks in weathered matrix				
CLAY, silty, brown, well fissured; occasional grey colouring along some fissures	WLC	7.5 - 26.3		
CLAY, silty, grey-brown. Well fissured and occasionally thinly laminated		8.0 - 25.8		
		9.0 - 24.8		
		9.5 - 24.3		
		10.0 - 23.8		

* British Geological Survey

British Geological Survey

contd.

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128

286 851

Borehole No.	4 contd.	Note:-			British Geological Survey
Ground Level	-	British Geological Survey			British Geological Survey
Date	-				
Description of Strata	Legend	Sample	Depth (m)	O.D. (m)	Remarks
CLAY, silty, grey. Well fissured and occasionally thinly laminated	I		10.0	23.8	British Geological Survey
	LC		10.5	23.3	
			11.0	22.8	
			12.0	21.8	British Geological Survey
			12.5	21.5	British Geological Survey
					End of borehole
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey

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NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128

286 851

Borehole No. 5

British Geological Survey

Ground Level... 39.6m above O.D.

Date... 27th - 28th November 1978

Notes:-

British Geological Survey

1. Shell and auger borehole
2. Casing: 200mm dia. to 3.0m below G.L.

Description of Strata	Legend	Sample	Depth (m)	O.D. (m)	Remarks
FILL; brick rubble and clay overlying grey/brown mottled clay with small brick fragments			0.0 - 39.0	39.0	British Geological Survey
FILL; comprising gravelly clay and silty clay with brick and coal fragments and rounded and sub-angular flints	I	(5)	0.9 - 38.7	38.7	British Geological Survey
			1.0 - 38.0	38.0	British Geological Survey
			2.2 - 37.4	37.4	British Geological Survey
			2.7 - 36.9	36.9	British Geological Survey
			-	-	British Geological Survey
			3.7 - 35.9	35.9	British Geological Survey
	I		4.2 - 35.4	35.4	British Geological Survey
			5.2 - 34.4	34.4	British Geological Survey
	I		5.7 - 33.9	33.9	British Geological Survey
			6.0 - 33.6	33.6	British Geological Survey
CLAY, silty and sandy, odorous, dark grey/brown and rounded gravel	GC		-	-	British Geological Survey
CLAY, silty, brown mottled grey, well fissured (blocky)			6.7 - 32.9	32.9	British Geological Survey
	I		7.2 - 32.4	32.4	British Geological Survey
			8.2 - 31.4	31.4	British Geological Survey
	I		8.7 - 30.9	30.9	British Geological Survey
			9.7 - 29.9	29.9	British Geological Survey
	I		10.0 - 29.6	29.6	British Geological Survey

contd.

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128

286 851

Borehole No. 5 contd.

British Geological Survey

British Geological Survey

Note:-

Ground Level: -

Date: -

Description of Strata	Legend	Sample	Depth (m)	O.D. (m)	Remarks
CLAY, silty, brown mottled grey. Well fissured. Scattered patches and dustings of orange-brown fine sand/silt and concentrations of gypsum crystals	British Geological Survey	I	10.0 - 29.6		
	WLC	I	11.2 - 28.4		
		I	11.7 - 27.9		
	LC	I	12.7 - 26.9		
		I	13.2 - 26.4		
		I	14.2 - 25.4		
CLAY, silty, grey. Well fissured	British Geological Survey	I	14.7 - 24.9		
	LC	I	15.7 - 23.9		
		I	16.2 - 23.4		
		I	17.2 - 22.4		
		I	17.7 - 21.9		End of borehole
					British Geological Survey

Skillcentre

NORTH LONDON

TQ 28/NE 128
266 851

BOREHOLE LOG

Borehole No. 7 British Geological Survey

Ground Level 35.4 m above O.D.

26th - 27th November 1978

British Geological Survey

Note:

1. Shell and auger borehole
2. Casing: 200mm dia. to 5.0m below G.L
3. Standpipe installed to 9.0m below G.L

Description of Strata	Legend	Sample	Depth (m)	Notes
FILL; comprising clay with scrap metal, gravel and brick rubble			4 - 36.4	Small quantity of water added to assist boring from ground level to 4.0m below G.L
FILL; brick rubble, cemented bricks and concrete		0.6 - 34.9		
FILL; ash and brick rubble		0.8 - 34.6		
FILL; silty clay with fragments of brick, gravel and coal		1.0 - 34.4		Standpipe obscured by pile of scrap metal
		1.5 - 33.9		
		2.0 - 33.4		
			3.0 - 32.4	Water entry - seepage
			3.1 - 32.3	
			3.4 - 32.0	
			3.5 - 31.9	
			3.7 - 31.7	
CLAY, sandy and gravelly (rounded flints), brown	GC	↓ @	4.0 - 30.8	Water sealed by casing
Less gravelly with depth			4.8 - 30.0	
			5.0 - 30.4	
CLAY, silty, brown to brown-grey, with concentrations of gypsum crystals and scattered orange/brown patches of fine sand/silt			5.5 - 29.9	
Small claystone at 5.5m			6.0 - 28.9	
Well fissured below 6.0m	WLC		7.0 - 28.4	
			8.0 - 27.4	
			8.5 - 20.9	Water entry - slow seepage
			9.0 - 20.4	
			9.5 - 25.9	End of borehole

British Geological Survey British Geological Survey British Geological Survey British Geological Survey

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 23/NE 128
286 851

Borehole No. 8

British Geological Survey

British Geological Survey

Ground Level. 34.0m above O.D.

Date 29th November - 1st December 1978

Note:-

1. Shell and auger borehole
2. Casing: 200mm dia. to 5.0m below G.L
3. Standpipe installed to 12.0m below G.L
(4.12.78)

British Geological Survey

British Geological Survey

Description of Strata

Legend

Description of Strata	Legend	Sample	Depth (m)	C.D. (m)	Remarks
FILL: cemented bricks (possibly old foundation)			4 - 34.0		
FILL: ash and brick rubble			0.3 - 33.7		Small quantities of water used to assist boring throughout
FILL: silty clay with small brick fragments and topsoil	5		1.0 - 33.0	12.1 - 79	
	I		1.5 - 32.5		
			2.0 - 32.0		
CLAY, silty, slightly organic, grey			2.8 - 31.2		
CLAY, gravelly to very gravelly (small / medium) brown-grey	GC		2.9 - 31.1		Water entry - escape, sealed by casing at 3.2m below G.L
CLAY, silty, brown mottled grey Structure just visible			3.1 - 30.9		
			3.3 - 30.7		
			3.5 - 30.5		
			3.6 - 30.2		
			4.0 - 30.0		
CLAY, silty, brown-grey with scattered patches of orange/brown fine sand/silt Well fissured			4.5 - 29.5		
			4.6 - 29.4		
			5.5 - 28.5	3 - 1 - 79	
			6.0 - 28.0		
			7.0 - 27.0		
			7.5 - 26.5		
			8.5 - 25.5		
			9.0 - 26.0		
			10.0 - 24.0		

contd.

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128
286 851

Borehole No. 8 contd.

Note:-

British Geological Survey

British Geological Survey

British Geological Survey Level

British Geological Survey

Description of Strata

Legend

Sample

Depth
(m)O.D.
(m)

Remarks

British Geological Survey

CLAY, silty, grey, well fissured and occasionally laminated



10.0 - 24.0

10.5 - 23.5

12.5 - 21.5

13. - 21.0

British Geological Survey

End of borehole

British Geological Survey

Skilcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128

286 851

Borehole No. 10

British Geological Survey

Ground Level 35.9 m above O.D.

British Geological Survey

Date 25th - 27th November 1978

British Geological Survey

Note:-

1. Shell and auger borehole

2. Coring: 200mm dia. to 3.0m below G.L

Description of Strata

Legend

Sample

I

Depth
(m)O.D.
(m)

Remarks

FILL; silty clay with numerous brick fragments, concrete and gravel

MGRD

CLAY, silty, brown mottled grey (in fissures), poorly fissured. Pockets of orange/brown fine sand/silt. Scattered gypsum crystals

LC (w)

CLAY, silty, brown-grey. Well fissured. Scattered gypsum crystals. Occasional dustings of orange-brown silt along fissures

LC

British Geological Survey

Small quantities of water were added to assist boring throughout. No water entries were encountered during boring.

British Geological Survey

control

British Geological Survey

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/ME 128
286 851

Borehole No. 10 contd

British Geological Survey
Ground LevelNote:-
British Geological Survey

British Geological Survey

Description of Strata	Legend	Sample	Depth (m)	O.D. (m)	Remarks
CLAY, silty, grey - brown. Well fissured	WLC		10.0	25.9	British Geological Survey
		I	11.2	24.7	
		I	11.7	24.2	
CLAY, silty, grey. Well fissured	LC		12.7	23.2	British Geological Survey
		I	13.2	22.7	
		I	14.2	21.7	British Geological Survey
		I	14.7	21.2	
		I	15.2	20.7	British Geological Survey
					End of borehole
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey
					British Geological Survey

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NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128

286 851

Borehole No. 11

British Geological Survey

Notes

British Geological Survey

Ground Level: 35.1m above O.D.

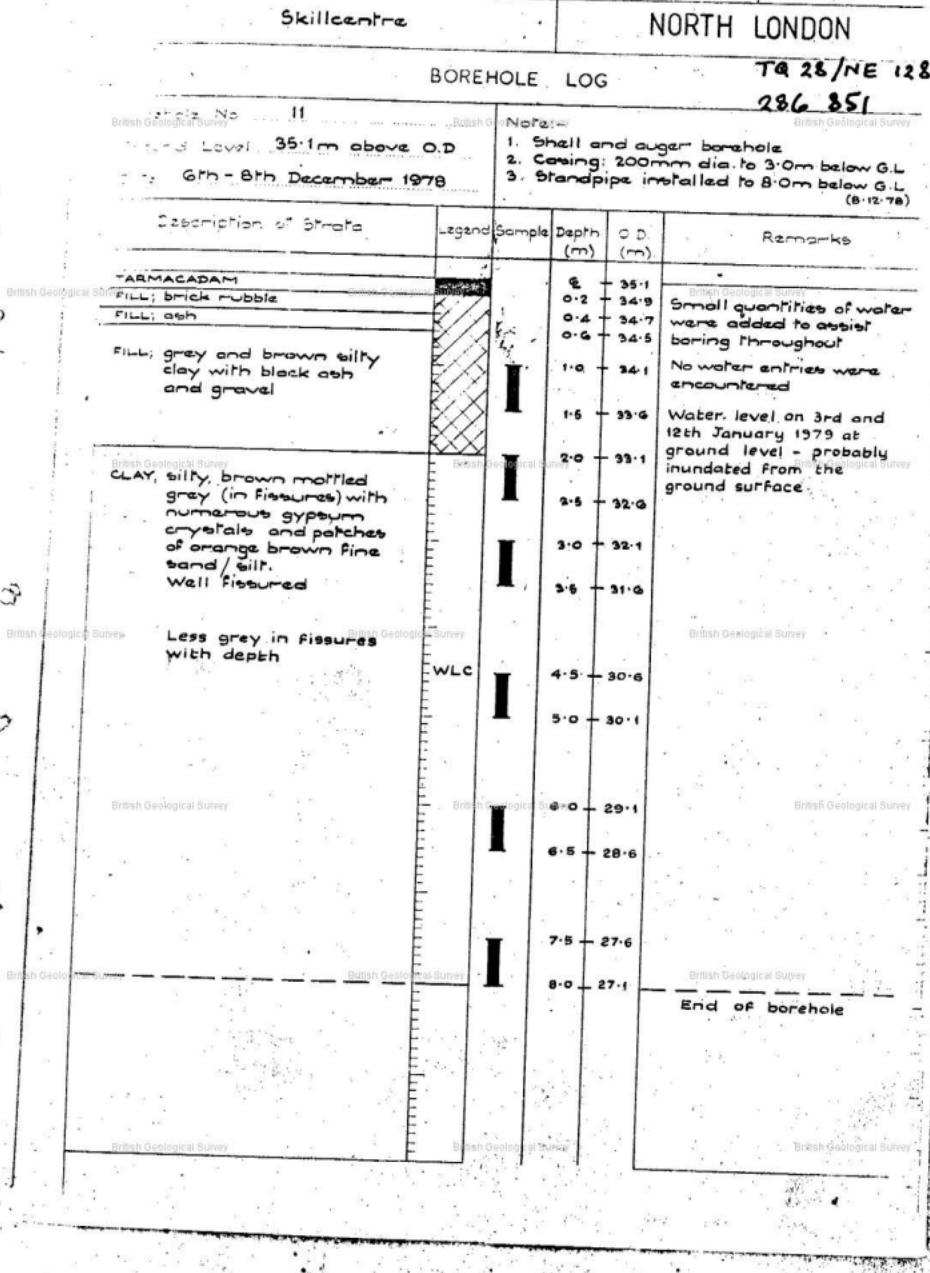
Date: 6th - 8th December 1978

1. Shell and auger borehole

2. Casing: 200mm dia. to 3.0m below G.L.

3. Standpipe installed to 8.0m below G.L.
(B.12-78)

Description of Strata	Legend	Sample	Depth (m)	G.D. (m)	Remarks
TARMACADAM			0.0 - 35.1		
FILL: brick rubble			0.2 - 34.9		
FILL: ash			0.4 - 34.7		
FILL: grey and brown silty clay with black ash and gravel		I	0.6 - 34.5		
CLAY, silty, brown mottled grey (in fissures) with numerous gypsum crystals and patches of orange brown fine sand/ silt. Well fissured		I	1.0 - 34.1		
Less grey in fissures with depth	WLC	I	1.5 - 33.6		
		I	2.0 - 33.1		Water level on 3rd and 12th January 1979 at ground level - probably inundated from the ground surface
		I	2.5 - 32.6		
		I	3.0 - 32.1		
		I	3.5 - 31.6		
			4.0 - 30.1		
			4.5 - 30.6		
			5.0 - 30.1		
			5.5 - 29.6		
			6.0 - 29.1		
			6.5 - 28.6		
			7.0 - 28.1		
			7.5 - 27.6		
			8.0 - 27.1		End of borehole



Skillcentre

NORTH LONDON

TQ 28/NE 128
286 851

Borehole No. 12

British Geological Survey

Surface Level 34.5m above O.D.

Date, 27th - 29th November 1978

BOREHOLE LOG

British Geological Survey

Note:-

- 1) Shell and auger borehole
- 2) Casing - 200mm dia. to 3.0m below G.L.

British Geological Survey

Description of Strata	Legend	Sample	Depth (m)	D.D. (m)	Remarks
FILL; brick, rubble and ash			G.L.	34.5	
FILL; brown sandy clay with brick rubble and black clayey topsoil			0.4	34.1	Small quantities of water were added to assist boring throughout.
CLAY, silty, grey-green with scattered rounded gravel	GC	I	1.0	33.5	No water entries were encountered during boring.
CLAY, silty, brown or brown-grey mottled grey (in fissures). Well fissured throughout. Scattered patches of orange-brown fine sand/silt and small concentrations of gypsum crystals		I	1.2	33.3	
		I	1.5	33.0	
		I	2.0	32.5	
		I	2.5	32.0	
		I	3.0	31.5	
		I	4.0	30.5	
		I	4.5	30.0	
	WLC	I	5.5	29.0	
		I	6.0	28.5	
		I	7.0	27.5	
		I	7.5	27.0	
		I	8.5	26.0	
		I	9.0	25.5	
		I	10.0	24.5	

(continued)

Skillcentre

NORTH LONDON

BOREHOLE LOG

TQ 28/NE 128
286 851

Borehole No. 12 (continued)

Note:-

British Geological Survey

British Geological Survey

British Geological Survey

Ground Level

Elevation

Description of Strata

Legend

Sample

Depth
(m)O.D.
(m)

Remarks

British Geological Survey

CLAY, grey, silty.
Well fissured.

British Geological Survey

I

I

10.0

24.5

British Geological Survey

I

10.5

24.0

LC

11.5

23.0

I

12.0

22.5

I

13.0

21.5

I

13.5

20.0

End of borehole

British Geological Survey

GEOLOGICAL SURVEY OF GREAT BRITAIN

British Geological Survey

(For Survey use only)

6-inch Map Registered No.

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

Name and Number given by owner:

St Pancras Baths Prince of Wales Rd.

British Geological Survey

British Geological Survey

For whom made

Town or Village

St Pancras

County London

Exact site

Purpose for which made Water.

Attach a tracing from
a map, or a sketch-map, if possible.

Ground Level at shaft bore relative to O.D.

If not ground level give O.D. of beginning of shaft bore

Made by

British Geological Survey

Date of sinking

Information from

Date received

Examined by

SPECIMEN NUMBERS AND ADDITIONAL NOTES

Summary of Progress (1906) p. 155-156

Kentish Town (St. PANCRAS BATHS, Prince of Wales Road,
200 yards west of Kentish Town Road, 1904).London Map 7 N.W. Height above Ordnance Datum about 100.
Communicated by Mr. T. W. ALDWINCKLE. (30.48)

Two borings, about 100 feet apart.

Boring No. 1.

Shaft about 8 feet, the rest bored.

Pipes of 16 inches diameter, from 3 to 147 feet down.

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" 14½ " "

Water-level 180 feet down.

(54.86)

Thickness.

Depth.

			Thickness.	Depth.		Thickness.	Depth.
			(in.)	(ft.)		(in.)	(ft.)
127	[London Clay]	Brown clay ...	6.10	Ft.	6.10		
		Blue clay and septaria ...	35.22	20	20	39.32	
		Mottled clay ...	12.50	109	120	170 (9.82)	
		Hard sandy clay and pebbles ...	0.41	3	173 (9.73)		
	[Reading Beds]	Clay and pebbles conglomerate ...	2.44	181 (9.71)			
		Hard sand and mud ...	4.03	34	184½ (50.24)		
		Hard sand ...	1.42	6½	191	191 (58.22)	
		Pebbles and sand ...	0.46	1½	192	192 (58.67)	
		Pebbles ...	0.46	1½	194 (59.33)		
	Thanet Sand	...	9	203	203 (51.87)		
		Chalk and flints ...	2.74	9	212	64.62	
		Sticky chalk and flints ...	2.74	7	219	66.75	
		Hard, dense sticky chalk and flints ...	3.12	31½	250½ (76.35)		
		Chalk and flints ...	4.60	65½	316 (46.67)		
		Flint ...	19.06	3	319	97.23	
		Hard chalk ...	0.41	14	333		
		Hard chalk and flints ...	12.7	22½	355½ (101.50)		
		Chalk and flints ...	6.76	9½	450 (102.30)		
			28.80			(137.16)	

Perhaps the top three beds classed as Reading Beds may belong to the London Clay.

Boring No. 2 is 13½ inches in diameter.

An account of this, by Mr. C. ISLER, appeared in the Standard of May 30th, 1907, the section being as follows:—

			Thickness.	Depth.		
			(in.)	(ft.)		
Made ground	(0.30)	Ft.	Ft.	(0.30)
	[London Clay]	Brown clay (blue) ...	(4.15)	1	1	(16.40)
		London clay (blue) ...	(34.70)	20	21	(28.10)
		Mottled clay ...	(1.10)	43	168	(51.21)
	[Reading (and Thanet) Beds]	Mottled clay, sand, and pebbles (0.40)	3	171		(52.12)
		Green sand ...	(0.41)	3	174	(53.04)
		Grey sand ...	(3.42)	26	200	(60.46)
		Grey sand and pebbles (1.48)	5½	205½		(62.64)
		Chalk and flints ...	(33.2)	275	480½	(146.46)

The test-pumping in Bore 1 gave a yield of from 13,000 to 15,782 gallons an hour; in Bore 2 of from 13,080 to 14,202. When pumping was carried on from both the yield was 26,000, without putting any strain upon the

TP28SE/24

Nat. Grid Reference

28 796 84742

1" N.S. Map No.

256

1" O.S. Map No.

Date of sinking

Confidential or not

London Atlas
London Sheet
~ V NW

256/394

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WELL-SECTIONS IN MIDDLESEX.

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**Kentish Town (St. Pancras Baths, Prince of Wales Road,
200 yards west of Kentish Town Road, 1904).**

London Map 7 N.W. Height above Ordnance Datum about 100.

Communicated by Mr. T. W. ALDWICKLE.

Two borings, about 100 feet apart.

Boring No. 1.

Shaft about 8 feet, the rest bored.

Pipes of 16 inches diameter, from 3 to 147 feet down.

" 14½ " " 2½ to 213 " "

Water-level 180 feet down.

Thickness. Depth. British Geological Survey

		Thickness.	Depth.
		Ft.	Ft.
[London Clay]	Brown clay	20	20
	Blue clay and septaria	109	129
	Mottled clay	41	170
	Hard sandy clay and pebbles ...	3	173
	Clay and pebbles conglomerate ...	8	181
[Reading Beds]	Hard sand and muriate ...	34	184½
	Hard sand	6½	191
	Pebbles and sand	1½	192½
	Pebbles ...	1½	194
Thanet Sand	9	203
	Chalk and flints	9	212
	Sticky chalk and flints ...	7	219
[Upper Chalk]	Hard dense sticky chalk and flints ...	31½	250½
	Chalk and flints	65½	316
	Flint	3	319
	Hard chalk	14	333
	Hard chalk and flints ...	22½	355½
	Chalk and flints ...	94½	450

Perhaps the top three beds classed as Reading Beds may belong to the London Clay.

British Geological Survey

British Geological Survey

Boring No. 2 is 13½ inches in diameter.

An account of this, by Mr. C. ISLER, appeared in the Standard of May 30th, 1907, the section being as follows:—

		Thickness.	Depth.
		Ft.	Ft.
Made ground	Brown clay	1	1
[London Clay]	London clay (blue)	20	21
	London clay (blue)	10½	125
	Mottled clay	43	168
[Reading (and Green sand	3	171	
? Thanet (Beds)	3	174	
	Grey sand	26	200
	Grey sand and pebbles ...	5½	205½
Chalk and flints ...	275	480½	

The test-pumping in Bore 1 gave a yield of from 13,000 to 15,782 gallons an hour; in Bore 2 of from 13,680 to 14,262. When pumping was carried on from both the yield was 26,000, without putting any strain upon the

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W. WHITTAKER AND G. BARROW.

wells or lowering the water-levels beyond the level resulting from pumping one bore at a time. Later the yield, with the wells in regular working order, was 27,000 gallons an hour, the water being raised by air-lift.

The hardness of the water is not over 4°, and the temperature about 53° F.



256/394

British Geological Survey

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London Clay

Woolwich & Reading Beds (Reading Type)

British Geological Survey

Thanet Sand

British Geological Survey

Upper Chalk

ft.

in.

129

0

65

0

9

0

247

0

Another account

British Geological Survey

Made ground

1

0

London Clay

124

0

Woolwich & Reading Beds (Reading Type)

British Geological Survey

80

6

Thanet Sand

275

0

Upper Chalk

British Geological Survey

British Geological Survey

British Geological Survey

Sandwich 1976

British Geological Survey

British Geological Survey