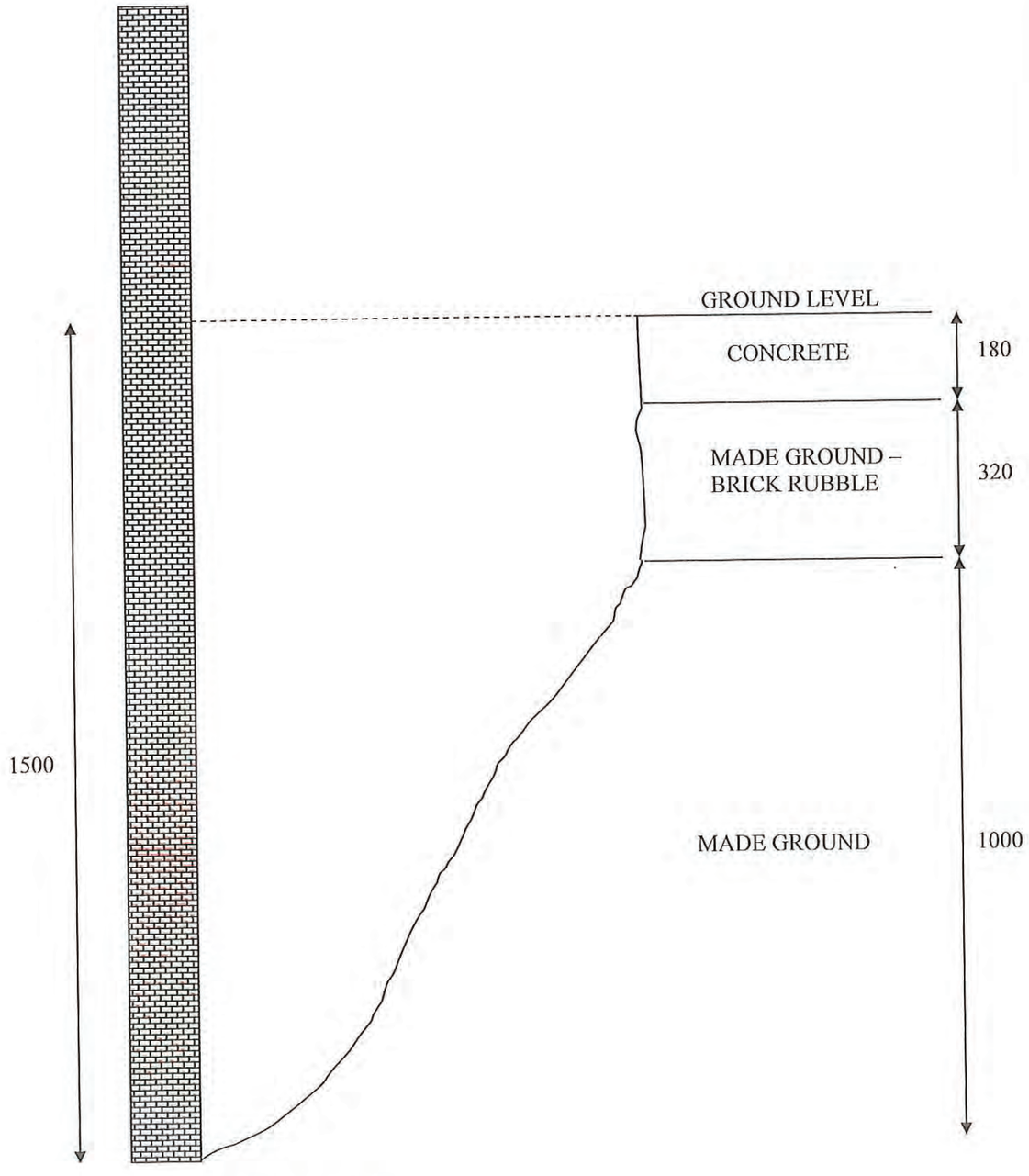
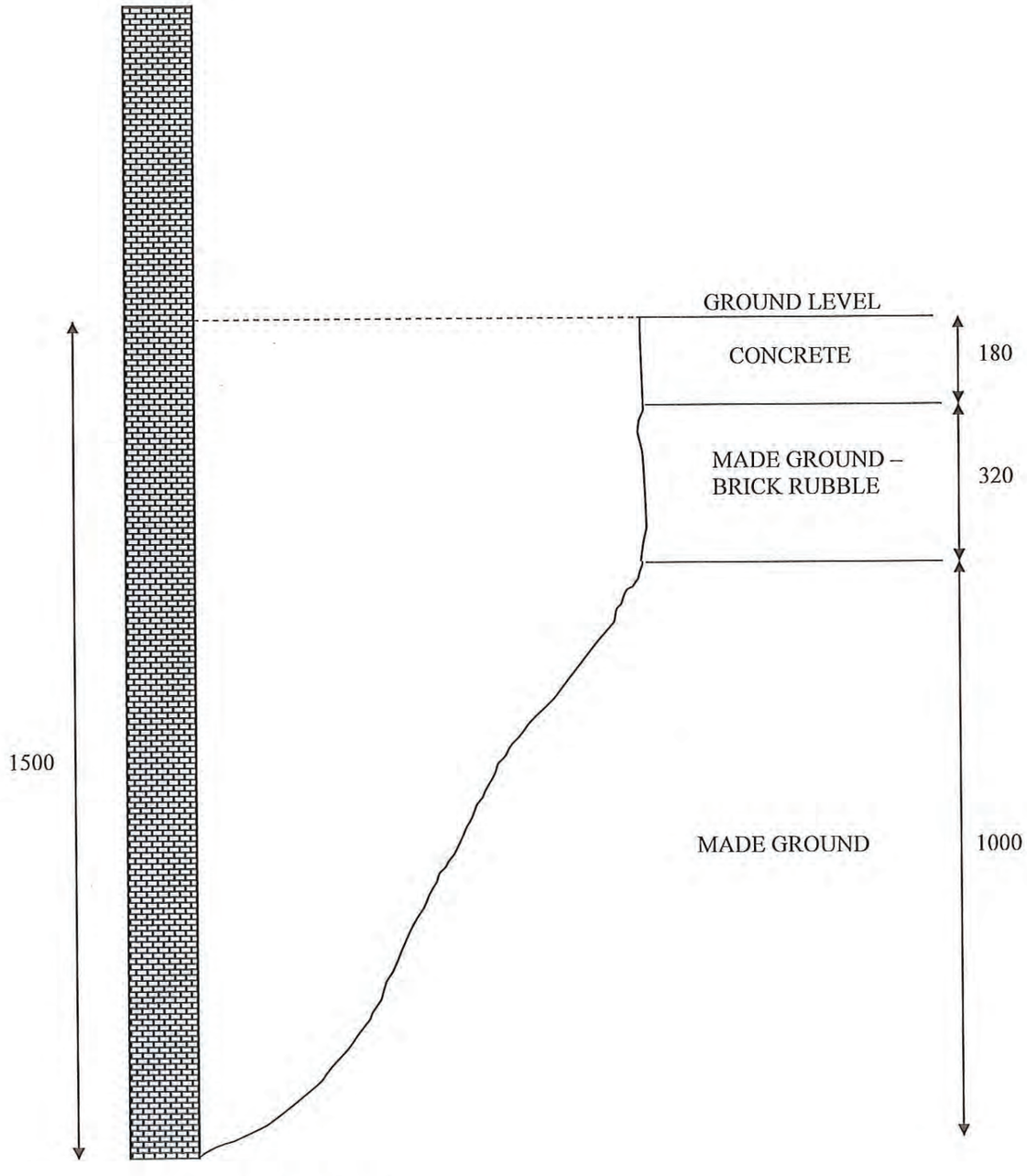
Site Analytical Services Ltd.				REF:	13/20821
LOCATION:	50 Avenue Road, Camden, London, NW8 6HS			FIG:	2
TITLE:	Trial Pit 1	DATE:	June 2013	SCALE:	NTS



END OF TRIAL PIT 1 AT 1500mm DEPTH

DIMENSIONS IN mm

Site Analytical Services Ltd.				REF:	13/20821
LOCATION:	50 Avenue Road, London, NW8 6HS			FIG:	2
TITLE:	Trial Pit 1	DATE:	June 2013	SCALE:	NTS



END OF TRIAL PIT 1 AT 1500mm DEPTH

DIMENSIONS IN mm

Site Analytical Services Ltd.

APPENDIX `A'

Borehole / Trial Pit Logs

Site Analytical Services Ltd.

Site: 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS			Borehole Number: BH1
Boring Method: CONTINUOUS FLIGHT AUGER	Casing Diameter: 100mm cased to 0.00m	Ground Level (mOD):	Client: THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED
	Location: TQ 270 837	Dates: 17/06/2013	Engineer: ELLIOTT WOOD PARTNERSHIP LLP
			Job Number: 1320821
			Sheet: 1/2

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.25	D1					(1.10)	MADE GROUND - topsoil over loose to medium dense grey brown clayey silty sand with brick fragments		
0.50	D2								
0.75	D3								
1.00	D4					1.10			
1.00-1.30	M1 93/300						Firm becoming stiff mottled brown, orange brown and blue grey slightly sandy silty CLAY with some pockets and partings of orange brown silty fine sand		
1.50	D5					(0.90)			
1.50	V1 91								
2.00	D6					2.00			
2.00	V2 111						Stiff becoming stiff to very stiff brown and mottled orange brown and veined blue grey silty CLAY with occasional partings of orange brown silty fine sand and occasional small gypsum crystals		
2.50	D7								
2.50	V3 120								
3.00	V4 131								
3.00	D8								
3.50	D9								
3.50	V5 139								
4.00	D10								
4.00	V6 140+								
4.50	D11								
4.50	V7 140+								
5.00	V8 140+								
5.00	D12								
6.00	D13					(8.00)			
6.00	V9 140+								
7.00	D14								
7.00	V10 140+								
8.00	D15								
8.00	V11 140+								
9.00	D16								
9.00	V12 140+								
						10.00			

Remarks
V = Vane Test - Result in kPa
M = Mackintosh Probe - Blows/Penetration (mm)
D = Disturbed Sample

Scale (approx)	Logged By
1:50	JIP

Figure No.
1320821.BH1

Site Analytical Services Ltd.

Site: 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS			Borehole Number: BH1
Boring Method: CONTINUOUS FLIGHT AUGER	Casing Diameter: 100mm cased to 0.00m	Ground Level (mOD):	Client: THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED
	Location: TQ 270 837	Dates: 17/06/2013	Engineer: ELLIOTT WOOD PARTNERSHIP LLP
			Job Number: 1320821
			Sheet: 2/2

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
10.00 10.00	D17 V13 140+						Stiff to very stiff brown and mottled orange brown and veined blue grey silty CLAY with occasional partings of orange brown silty fine sand and occasional small gypsum crystals		
11.00 11.00	V14 140+ D18					(2.00)			
12.00 12.00	D19 V15 140+			SEEPAGE(1) at 12.00m.		12.00	Very stiff dark grey brown fissured silty CLAY with occasional partings of light brown silty fine sand and scattered small gypsum crystals		▽1
13.00 13.00	D20 V16 140+					(3.00)			
14.00 14.00	D21 V17 140+								
15.00 15.00	D22 V18 140+			17/06/2013:DRY		15.00	Complete at 15.00m		

Remarks	Scale (approx)	Logged By
	1:50	JIP
	Figure No. 1320821.BH1	

Site Analytical Services Ltd.

Site: 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS			Borehole Number: BH1
Installation Type: MONITORING STANDPIPE	Dimensions: Internal Diameter of Tube [A] = 50 mm Diameter of Filter Zone = 100 mm		Client: THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED
	Location: TQ 270 837	Ground Level (mOD)	Engineer: ELLIOTT WOOD PARTNERSHIP LLP
			Job Number: 1320821
			Sheet: 1/1

Legend	Water	Instr (A)	Level (mOD)	Depth (m)	Description
				1.00	Bentonite Seal
					Slotted Standpipe
	▽1			10.00	
				15.00	General Backfill

Groundwater Strikes During Drilling

Date	Time	Depth Struck (m)	Casing Depth (m)	Inflow Rate	Readings 5 min	Readings 10 min	Readings 15 min	Readings 20 min	Depth Sealed (m)
17/06/13		12.00	0.00	SEEPAGE					

Groundwater Observations During Drilling

Date	Start of Shift Time	Start of Shift Depth Hole (m)	Start of Shift Casing Depth (m)	Start of Shift Water Depth (m)	Start of Shift Water Level (mOD)	End of Shift Time	End of Shift Depth Hole (m)	End of Shift Casing Depth (m)	End of Shift Water Depth (m)	End of Shift Water Level (mOD)
17/06/13				DRY			15.00		DRY	

Instrument Groundwater Observations

Inst. [A] Type : SINGLE STANDPIPE

Date	Instrument [A] Time	Instrument [A] Depth (m)	Instrument [A] Level (mOD)	Remarks

Remarks
Lockable cover set in concrete
Gas valve fitted

Site Analytical Services Ltd.

Site: 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS			Borehole Number: BH2
Boring Method: SHELL AND AUGER	Casing Diameter: 150mm cased to 3.00m	Ground Level (mOD):	Client: THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED
	Location: TQ 270 837	Dates: 20/06/2013	Engineer: ELLIOTT WOOD PARTNERSHIP LLP
			Job Number: 1320821
			Sheet: 1/2

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						(0.20)	MADE GROUND - brick paving set on loose sand		
						0.20			
0.25-0.35	D1					(0.05)	MADE GROUND - weak brittle concrete		
0.50-0.60	D2					0.25			
0.75-0.85	D3					(0.85)	MADE GROUND - loose to medium dense grey brown clayey silty sand with brick fragments		
1.00-1.10	D4					1.10			
1.20-1.65	SPT N=12		DRY	1,2/2,3,3,4			Firm mottled brown, orange brown and blue grey slightly sandy silty CLAY with some pockets and partings of orange brown silty fine sand		
1.20-1.65	D5					(0.90)			
1.75-1.85	D6								
2.00-2.45	U1	2.00	DRY	20 blows		2.00	Firm to stiff becoming stiff and then very stiff brown and mottled orange brown and veined blue grey silty CLAY with occasional partings of orange brown silty fine sand and occasional small gypsum crystals		
2.75-2.85	D7								
3.00-3.45	SPT N=16	3.00	DRY	2,3/3,4,4,5					
3.00-3.45	D8								
3.75-3.85	D9								
4.00-4.45	U2	3.00	DRY	25 blows					
4.75-4.85	D10								
5.00-5.45	SPT N=19	3.00	DRY	2,3/4,5,5,5					
5.00-5.45	D11								
6.00-6.10	D12					(8.00)			
6.50-6.95	U3	3.00	DRY	30 blows					
7.50-7.60	D14								
8.00-8.45	SPT N=24	3.00	DRY	1,3/5,6,7,6					
8.00-8.45	D15								
8.50-8.60	D16								
9.00-9.10	D17								
9.50-9.95	U4	3.00	DRY	35 blows		10.00			

Remarks
Groundwater was not encountered during boring
D = Disturbed Sample
S = Standard Penetration Test
U = Undisturbed 100mm Diameter Sample
Excavating from 0.00m to 1.00m for 1.0 hour.

Scale (approx): 1:50
Logged By: JIP
Figure No.: 1320821.BH2

Site Analytical Services Ltd.

Site: 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS			Borehole Number: BH2
Boring Method: SHELL AND AUGER	Casing Diameter: 150mm cased to 3.00m	Ground Level (mOD):	Client: THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED
	Location: TQ 270 837	Dates: 20/06/2013	Engineer: ELLIOTT WOOD PARTNERSHIP LLP
			Job Number: 1320821
			Sheet: 2/2

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						(0.70)	Very stiff brown and mottled orange brown and veined blue grey silty CLAY with occasional partings of orange brown silty fine sand and occasional small gypsum crystals		
10.50-10.60	D18					10.70			
11.00-11.45	SPT N=25	3.00	DRY	2,5/5,6,7,7			Very stiff dark grey brown fissured silty CLAY with occasional partings of light brown silty fine sand and scattered small gypsum crystals		
11.00-11.45	D19								
12.00-12.10	D20								
12.50-12.95	U5	3.00	DRY	40 blows		(4.30)			
13.50-13.60	D21								
14.00-14.10	D22								
14.55-15.00	SPT N=32	3.00	DRY	3,5/6,7,9,10					
14.55-15.00	D23								
				20/06/2013:DRY		15.00	Complete at 15.00m		

Remarks

Scale (approx): 1:50
Logged By: JIP
Figure No.: 1320821.BH2

Site Analytical Services Ltd.

Site: 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS		Borehole Number: BH2
Installation Type: MONITORING STANDPIPE	Dimensions: Internal Diameter of Tube [A] = 50 mm; Diameter of Filter Zone = 150 mm	Client: THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED
Job Number: 1320821		
Location: TQ 270 837	Ground Level (mOD):	Engineer: ELLIOTT WOOD PARTNERSHIP LLP
Sheet: 1/1		

Legend	Water	Instr (A)	Level (mOD)	Depth (m)	Description
					Bentonite Seal
				1.00	
					Slotted Standpipe
				10.00	
					Bentonite Seal
				11.00	
					General Backfill
				15.00	

Groundwater Strikes During Drilling

Date	Time	Depth Struck (m)	Casing Depth (m)	Inflow Rate	Readings 5 min	10 min	15 min	20 min	Depth Sealed (m)

Groundwater Observations During Drilling

Date	Start of Shift Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)	End of Shift Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)
20/06/13				DRY			15.00	3.00	DRY	

Instrument Groundwater Observations

Inst. [A] Type : SINGLE STANDPIPE

Date	Instrument [A] Time	Depth (m)	Level (mOD)	Remarks

Remarks
Lockable cover set in concrete
Gas valve fitted

Site Analytical Services Ltd.

Standard Penetration Test Results

Site : 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS

Client : THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED

Engineer: ELLIOTT WOOD PARTNERSHIP LLP

Job Number: 1320821

Sheet: 1 / 1

Borehole Number	Base of Borehole (m)	End of Seating Drive (m)	End of Test Drive (m)	Test Type	Seating Blows per 75mm 1	2	Blows for each 75mm penetration 1	2	3	4	Result	Comments
BH2	1.20	1.35	1.65	SPT	1	2	2	3	3	4	N=12	
BH2	3.00	3.15	3.45	SPT	2	3	3	4	4	5	N=16	
BH2	5.00	5.15	5.45	SPT	2	3	4	5	5	5	N=19	
BH2	8.00	8.15	8.45	SPT	1	3	5	6	7	6	N=24	
BH2	11.00	11.15	11.45	SPT	2	5	5	6	7	7	N=25	
BH2	14.55	14.70	15.00	SPT	3	5	6	7	9	10	N=32	

Site Analytical Services Ltd.

Site 50 AVENUE ROAD, CAMDEN, LONDON, NW8 6HS			**Trial Pit Number** TP1
Excavation Method HAND EXCAVATION	**Dimensions** 800 X 800	**Ground Level (mOD)**	**Client** THE SHRI KRISHNA TRUST C/O HSBC TRUSTEE (C.I.) LIMITED	**Job Number** 1320821
	Location TQ 270 837	**Dates** 17/06/2013	**Engineer** ELLIOTT WOOD PARTNERSHIP LLP	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.18)	MADE GROUND - concrete		
					0.18			
0.25	D1				(0.32)	MADE GROUND - brick rubble hardcore		
0.50	D2				0.50			
0.75	D3					MADE GROUND - firm grey brown sandy silty clay, brick fragments and crushed concrete		
1.00	D4				(1.00)			
1.50	D5		17/06/2013:DRY		1.50	Complete at 1.50m		

Plan

Remarks

D = Disturbed Sample
For details of foundations exposed see sketch
Groundwater vwas not encountered during excavation

Scale (approx)	Logged By	Figure No.
1:25	JIP	1320821.TP1

Site Analytical Services Ltd.

APPENDIX 'B'

In-situ, Laboratory Test and Gas Monitoring Data

Site Analytical Services Ltd.

Ref: 13/20821

UNDRAINED TRIAXIAL COMPRESSION TEST

LOCATION 50 Avenue Road, Camden, London, NW8 6HS

BH/TP No.	MOISTURE CONTENT	BULK DENSITY	LATERAL PRESSURE	COMPRESSIVE STRENGTH	COHESION	ANGLE OF SHEARING RESISTANCE	DEPTH
	%	Mg/m^3	kN/m^2	kN/m^2	kN/m^2	degrees	m
BH2	30	1.94	50	189	95		2.25
	32	1.90	90	204	102		4.25
	29	1.99	130	220	110		6.75
	28	2.00	190	319	160		9.75
	28	1.97	250	356	178		12.75

Table 1

Site Analytical Services Ltd.

Ref: 13/20821

PLASTICITY INDEX & MOISTURE CONTENT DETERMINATIONS

LOCATION 50 Avenue Road, Camden, London, NW8 6HS

BH/TP No.	Depth	Natural Moisture	Liquid Limit	Plastic Limit	Plasticity Index	Passing 425 μm	Class
	m	%	%	%	%	%	
BH1	6.00	26	75	24	51	100	CV

Table 2

Site Analytical Services Ltd.

Ref: 13/20821

SULPHATE & pH DETERMINATIONS

LOCATION 50 Avenue Road, Camden, London, NW8 6HS

BH/TP No.	DEPTH BELOW GL m	SOIL SULPHATES AS SO_4 TOTAL %	SOIL SULPHATES AS SO_4 WATER SOL g/l	WATER SULPHATES AS SO_4 g/l	pH	CLASS	SOIL - 2mm %
BH2	8.50		2.10		5.8	DS-3	100

Classification – Tables C1 and C2 : BRE Special Digest 1 : 2005

Table 3

Site Analytical Services Ltd.

Ref: 13/20821

GAS MONITORING

LOCATION 50 Avenue Road, Camden, London, NW8 6HS

MONITORING DATE 11th July 2013

BOREHOLE REF:		BH1	BH2
Methane	(%)	0.0	0.0
Carbon Dioxide	(%)	4.8	0.7
Oxygen	(%)	16.8	20.3
Hydrogen Sulphide	(p.p.m.)	0.0	0.0
Carbon Monoxide	(p.p.m.)	0.0	0.0
Atmospheric Pressure	(mb)	1019	1019
Water Level	(m.bgl)	DRY	DRY
Oxygen in Air	(%)	21.0	21.0
Flow	(l/hour)	0.0	0.0

N.B. Methane Lower Explosive Limit - 5% Gas in Air

Table 4

Site Analytical Services Ltd.

Ref: 13/20821

GAS MONITORING

LOCATION 50 Avenue Road, Camden, London, NW8 6HS

MONITORING DATE 31st July 2013

BOREHOLE REF:		**BH1**	**BH2**
Methane	(%)	0.0	0.0
Carbon Dioxide	(%)	5.3	2.2
Oxygen	(%)	17.0	18.5
Hydrogen Sulphide	(p.p.m.)	0.0	0.0
Carbon Monoxide	(p.p.m.)	0.0	0.0
Atmospheric Pressure	(mb)	1010	1010
Water Level	(m.bgl)	3.67	DRY
Oxygen in Air	(%)	21.0	21.0
Flow	(l/hour)	0.0	0.0

N.B. Methane Lower Explosive Limit - 5% Gas in Air

Table 4a

Site Analytical Services Ltd.

Ref: 13/20821

GAS MONITORING

LOCATION 50 Avenue Road, Camden, London, NW8 6HS

MONITORING DATE 8th August 2013

BOREHOLE REF:		**BH1**	**BH2**
Methane	(%)	0.0	0.0
Carbon Dioxide	(%)	5.0	1.7
Oxygen	(%)	16.9	19.5
Hydrogen Sulphide	(p.p.m.)	0.0	0.0
Carbon Monoxide	(p.p.m.)	0.0	0.0
Atmospheric Pressure	(mb)	1014	1014
Water Level	(m.bgl)	3.49	DRY
Oxygen in Air	(%)	21.0	21.0
Flow	(l/hour)	0.0	0.0

N.B. Methane Lower Explosive Limit - 5% Gas in Air

Table 4b

Site Analytical Services Ltd.

Ref: 13/20821

LOCATION 50 Avenue Road, Camden, London, NW8 6HS

FALLING HEAD PERMEABILITY TEST – BOREHOLE

Borehole Number	BH2
Initial Groundwater Depth	DRY
Borehole Depth	10.00m
Depth to Bottom of Casing	10m (approx.)
Height of Casing above Ground	0.00m
Diameter of Casing	0.10m
Test Duration	30 minutes
Depth of Water at Commencement of Test	3.52
Permeability	8.4×10^{-6} m/sec

Time Elapsed (mins)	Depth of Water Below top of Casing (m)	Time Elapsed (mins)	Depth of Water Below top of Casing (m)
0.00	3.52	**5.00**	4.09
1.00	4.06	**10.00**	4.09
2.00	4.06	**15.00**	4.10
3.00	4.06	**20.00**	4.10
4.00	4.09	**25.00**	4.11
		30.00	4.11

Table 5

Client name & address:		**Samples Rec**	04/07/2013
Site Analytical Services		**Project Start**	05/07/2001
Project Name:	50 Avenue Road, Camden, London, NW8 6HS	**Testing Start**	01/10/2013
Project No:	13/20821 **Our Job / report no:** 14900	**Date Reported:**	18/07/2013
Sample description: pockets		**Sample no/ type:**	U

K4 SOILS

BH no:	BH1
Depth (m):	6.50

Trimmings		Detemination 1	Detemination 2
Wet wt. + tin	g	157.48	157.48
Dry wt. + tin	g	131.07	131.07
Wt. tin	g	38.51	38.51
Moisture content	%	28.5	28.5
Average moisture content %		28.53	

Depth within original sample	m	6.6
Specimen preparation		Remoulded
Particle density	Mg/m3	2.74 Assumed
Laboratory Temperature	°C	22
Degree of saturation	%	94.0
Swelling pressure	kPa	
Equivalent height of solid particles	mm	10.44

Specimen details		Initial	Final
Height	mm	19.06	19.13
Ring diameter	mm	74.93	-
Wet wt. specimen + ring	g	281.69	281.07
Dry wt. specimen + ring	g	-	245.96
Wt. of ring	g	119.81	-
Bulk density	Mg/m3	1.926	1.912
Moisture content	%	28.3	27.8
Dry density	Mg/m3	1.501	1.495
Voids Ratio		0.8255	0.8322

*No allowance made for apparatus deformation!

Consolidation Stage

Stage Number	Applied Pressure kPa	Specimen ht. At start of stage mm	Initial height gauge reading	Final height gauge reading	Curve fitting method t50/t90	Specimen ht.at end of stage mm	Voids Ratio	Coefficient of Consolidation m2/year	Coefficeint of Compressibility m2/MN
	100	19.06	-1067	-1140	0.49	18.914	0.8115	81.67	0.077
	200	18.91	-1140	-1186	4.00	18.822	0.8027	9.88	0.049
	400	18.82	-1186	-1336	19.40	18.522	0.7740	1.99	0.080
	800	18.52	-1336	-1616	43.60	17.962	0.7204	0.85	0.076
	400	17.96	-1616	-1530	26.00	18.134	0.7368	1.39	0.024

UKAS TESTING 2519

One-Dimensional Consolidation Test

BS 1377 : Part 5 : Clause 3 & 4 : 1990

Determination of the one-dimensional consolidation properties

Approved by

Initials : kp

Date : 18/07/2013

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford WD18 9RU

Sheet 1/2

Test Results relate only to the sample numbers shown above. Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

All samples connected with this report ,incl any on 'hold' will be stored and disposed off according to Company policy.Acopy of this policy is available on request.

Client name & address:		**Samples Received**	04/07/2013	**K4 SOILS**
Site Analytical Services		**Project Started**	05/07/2001	
Project Name:	50 Avenue Road, Camden, London, NW8 6HS	**Testing Started**	01/10/2013	
Project No:	13/20821 **Our Job / report no:** 14900	**Date Reported:**	18/07/2013	
Sample description:		**Sample no/ type:**	U	**BH no:** BH1
High strength brown slightly silty/fine sandy CLAY with scattered traces of selenite and occasional orange brown sandy pockets				**Depth (m):** 6.50

Test details

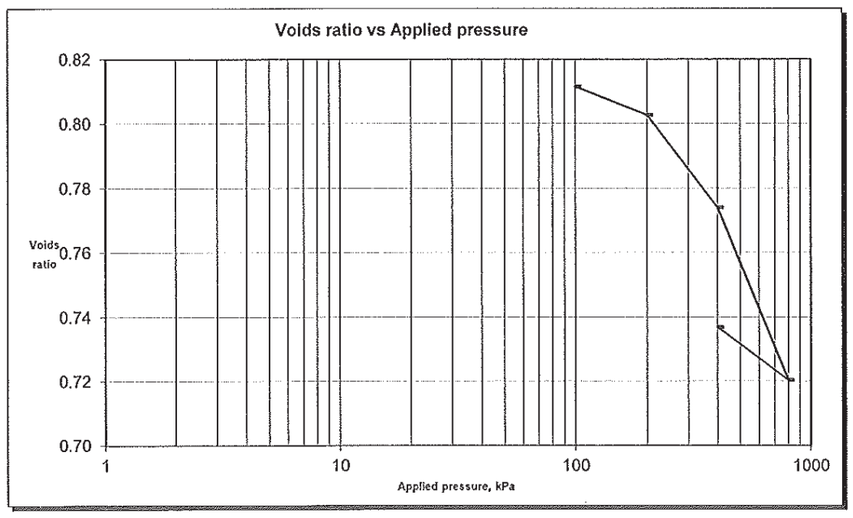
Depth within original sample m : 6.60 Orientation within original sample : Vertical

Specimen details

		Initial	Final
Height	mm :	19.06	19.13
Diameter	mm :	75	-
Bulk density	Mg/m3 :	1.93	1.91
Moisture content	% :	28	28
Dry density	Mg/m3 :	1.50	1.50
Voids Ratio	:	0.83	0.83
Degree of saturation	% :	94.0	-
Particle density	Mg/m3 :	2.74	-
Swelling pressure	kPa :	-	-

Consolidation Stage

Stage number	Applied Pressure kPa	Voids Ratio	Coefficient of Consolidation m2/year	Coefficient of Compressibility m2/MN	Stage number	Applied Pressure kPa	Voids Ratio	Coefficient of Consolidation m2/year	Coefficient of Compressibility m2/MN
1	100	0.8115	81.67	0.077	11				
2	200	0.8027	9.88	0.049	12				
3	400	0.7740	1.99	0.080	13				
4	800	0.7204	0.85	0.076	14				
5	400	0.7368	1.39	0.024	15				
6					16				
7					17				
8					18				
9					19				
10					20				



UKAS TESTING 2519

One-Dimensional Consolidation Test

BS 1377 : Part 5 : Clause 3 & 4 : 1990

Determination of the one-dimensional consolidation properties

Approved by

Initials : kp

Date : 18/07/2013

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford WD18 9RU Sheet 2/2

Test Results relate only to the sample numbers shown above. Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

All samples connected with this report ,incl any on 'hold' will be stored and disposed off according to Company policy.Acopy of this policy is available on request.

Client name & address:		**Samples Rec**	04/07/2013	**K4 SOILS**
Site Analytical Services		**Project Start**	05/07/2013	
Project Name:	50 Avenue Road, Camden, London, NW8 6HS	**Testing Start**	10/07/2013	
Project No:	13/20821 **Our Job / report no:** 14900	**Date Reported:**	18/07/2013	
Sample description: pockets		**Sample no/ type:**	U	**BH no:** BH1
				Depth (m): 9.50

Trimmings		Detemination 1	Detemination 2
Wet wt. + tin	g	135.78	135.78
Dry wt. + tin	g	114.52	114.52
Wt. tin	g	37.86	37.86
Moisture content	%	27.7	27.7
Average moisture content	%	27.73	

Depth within original sample	m	9.6
Specimen preparation		Remoulded
Particle density	Mg/m3 2.74	Assumed
Laboratory Temperature	°C	22
Degree of saturation	%	97.0
Swelling pressure	kPa	
Equivalent height of solid particles	mm	10.60

Specimen details		Initial	Final
Height	mm	18.90	18.04
Ring diameter	mm	74.86	-
Wet wt. specimen + ring	g	282.50	281.63
Dry wt. specimen + ring	g	-	247.08
Wt. of ring	g	119.19	-
Bulk density	Mg/m3	1.963	2.046
Moisture content	%	27.7	27.0
Dry density	Mg/m3	1.537	1.611
Voids Ratio		0.7822	0.7011

*No allowance made for apparatus deformation!

Consolidation Stage

Stage Number	Applied Pressure kPa	Specimen ht. At start of stage mm	Initial height gauge reading	Final height gauge reading	Curve fitting method t50/t90	Specimen ht.at end of stage mm	Voids Ratio	Coefficient of Consolidation m2/year	Coefficeint of Compressibility m2/MN
	100	18.90	-2177	-2248	0.49	18.758	0.7688	80.31	0.075
	200	18.76	-2248	-2301	5.30	18.652	0.7589	7.33	0.057
	400	18.65	-2301	-2440	22.10	18.374	0.7326	1.72	0.075
	800	18.37	-2440	-2712	94.10	17.830	0.6813	0.39	0.074
	400	17.83	-2712	-2609	96.00	18.036	0.7008	0.37	0.029

UKAS TESTING 2519

One-Dimensional Consolidation Test

BS 1377 : Part 5 : Clause 3 & 4 : 1990

Determination of the one-dimensional consolidation properties

Approved by

Initials : kp

Date : 18/07/2013

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford WD18 9RU Sheet 1/2

Test Results relate only to the sample numbers shown above. Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

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Client name & address:		**Samples Received**	04/07/2013
Site Analytical Services		**Project Started**	05/07/2013
Project Name:	50 Avenue Road, Camden, London, NW8 6HS	**Testing Started**	10/07/2013
Project No:	13/20821 **Our Job / report no:** 14900	**Date Reported:**	18/07/2013
Sample description:		**Sample no/ type:**	U
Very high strength brown slightly silty/fine sandy CLAY with scattered traces of selenite and occasional orange brown sandy pockets			

K4 SOILS

BH no:	BH1
Depth (m):	9.50

Test details

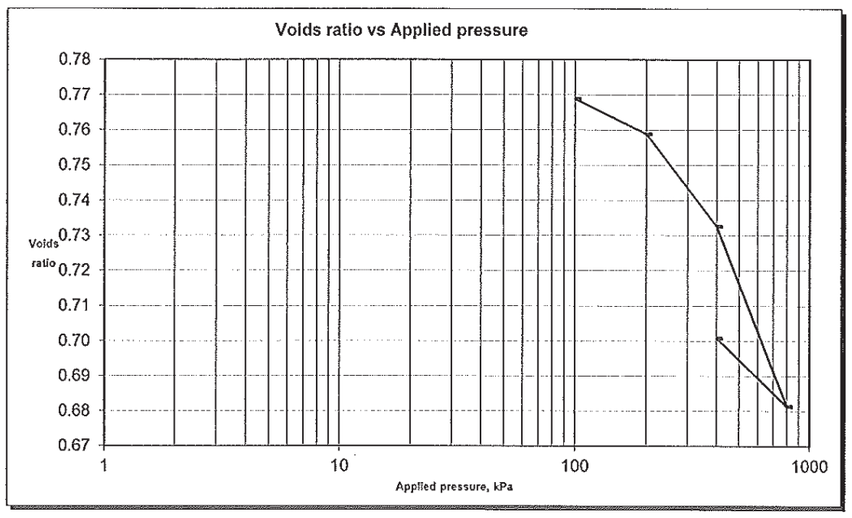
Depth within original sample m : 9.60 Orientation within original sample : Vertical

Specimen details

		Initial	Final
Height	mm :	18.90	18.04
Diameter	mm :	75	-
Bulk density	Mg/m3 :	1.96	2.05
Moisture content	% :	28	27
Dry density	Mg/m3 :	1.54	1.61
Voids Ratio	:	0.78	0.70
Degree of saturation	% :	97.0	-
Particle density	Mg/m3 :	2.74	-
Swelling pressure	kPa :	-	-

Consolidation Stage

Stage number	Applied Pressure kPa	Voids Ratio	Coefficient of Consolidation m2/year	Coefficient of Compressibility m2/MN	Stage number	Applied Pressure kPa	Voids Ratio	Coefficient of Consolidation m2/year	Coefficient of Compressibility m2/MN
1	100	0.7688	80.31	0.075	11				
2	200	0.7589	7.33	0.057	12				
3	400	0.7326	1.72	0.075	13				
4	800	0.6813	0.39	0.074	14				
5	400	0.7008	0.37	0.029	15				
6					16				
7					17				
8					18				
9					19				
10					20				



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