



Geotechnical &
Environmental
Associates

Tyttenhanger House
Coursers Road
St Albans
Herts AL4 0PG

Site
Nice Place & Far End, Compton Avenue,
Highgate, N6 4LH

**Trial Pit
Number**
TP3

Excavation Method
Manual

Dimensions
600x700x1400

Ground Level (mOD)
104.22

Client
Pastor Real Estate Limited

Job Number
J11150

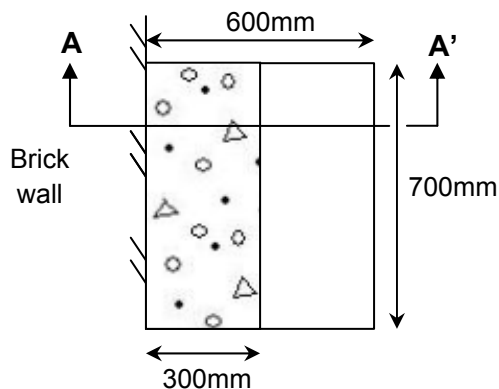
Location
Far End

Dates
19/07/11

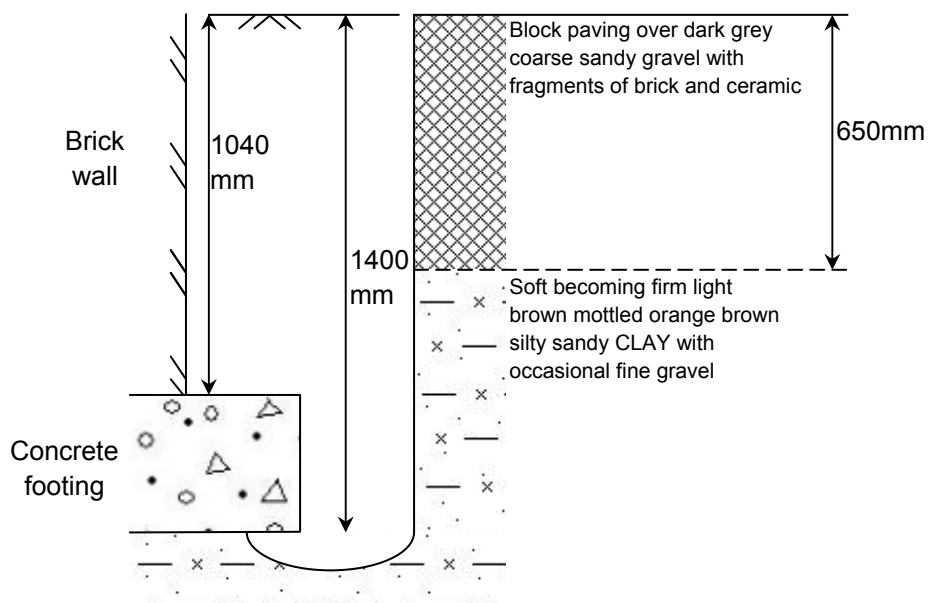
Engineer
Conisbee Consulting Engineers

Job Number
Sheet 1 / 1

PLAN



SECTION A-A



Remarks

- (1) No standing water encountered
- (2) No collapse during excavation
- (3) No services encountered

Scale

1 : 20

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CA



Geotechnical &
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Tyttenhanger House
Coursers Road
St Albans
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Site
Nice Place & Far End, Compton Avenue,
Highgate, N6 4LH

**Trial Pit
Number**
TP4

Excavation Method
Manual

Dimensions
550x800x1250

Ground Level (mOD)
103.798

Client
Pastor Real Estate Limited

Job Number
J11150

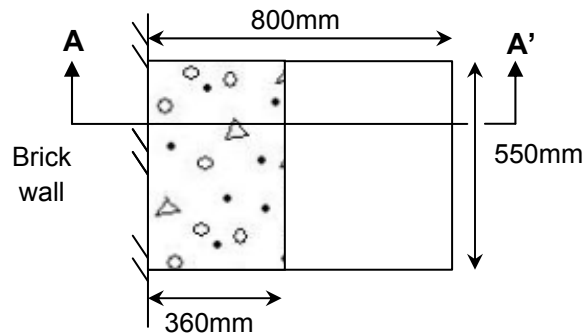
Location
Far End

Dates
19/07/11

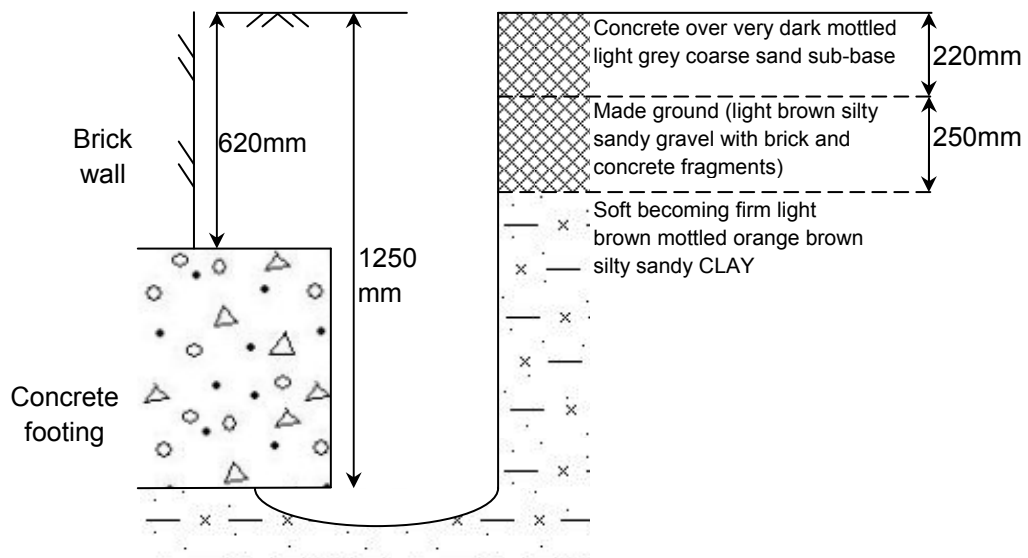
Engineer
Conisbee Consulting Engineers

Job Number
Sheet 1 / 1

PLAN



SECTION A-A



Remarks

- (1) No standing water encountered
- (2) Partial collapse during excavation
- (3) No services encountered

Scale

1 : 20

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Site
Nice Place & Far End, Compton Avenue,
Highgate, N6 4LH

**Trial Pit
Number**
TP5

Excavation Method
Manual

Dimensions
600x500x880

Ground Level (mOD)
103.25

Client
Pastor Real Estate Limited

Job Number
J11150

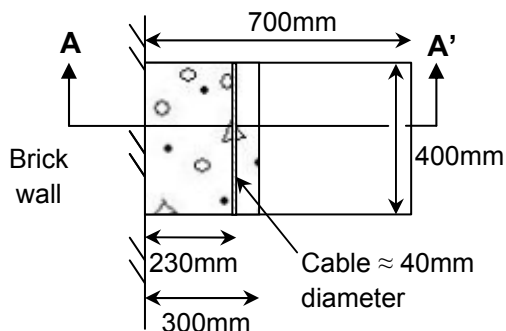
Location
Nice Place

Dates
19/07/11

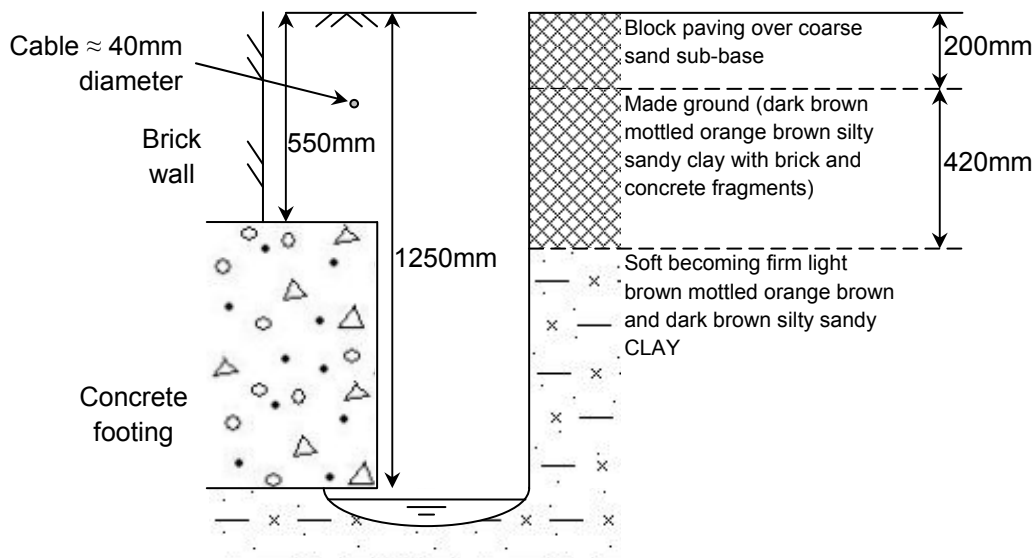
Engineer
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Job Number
Sheet 1 / 1

PLAN



SECTION A-A



Remarks

- (1) Standing water at 1.28m below GL
- (2) Partial collapse of excavation overnight
- (3) 40mm diameter cable encountered

Scale

1 : 20

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Site
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**Trial Pit
Number**
TP6

Excavation Method
Manual

Dimensions
600x500x880

Ground Level (mOD)
103.41

Client
Pastor Real Estate Limited

Job Number
J11150

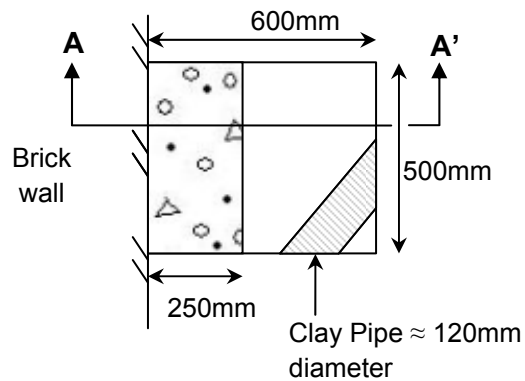
Location
Nice Place

Dates
19/07/11

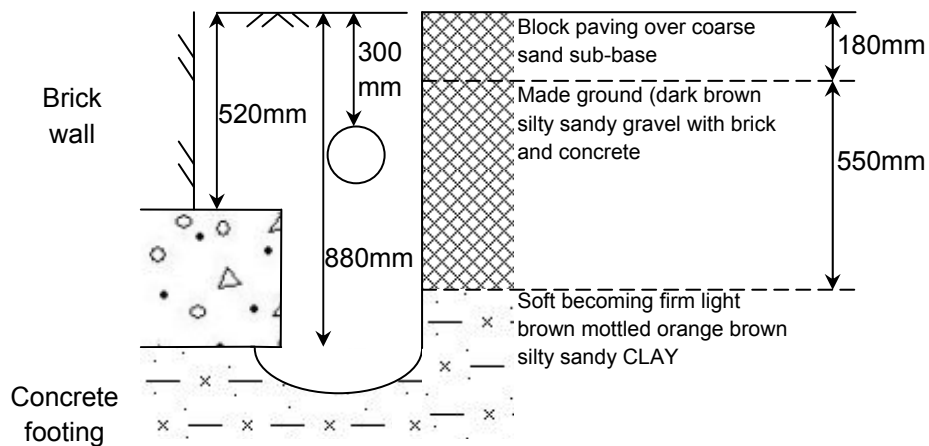
Engineer
Conisbee Consulting Engineers

Job Number
Sheet 1 / 1

PLAN



SECTION A-A



Remarks

- (1) Moisture encountered at base (no standing water)
- (2) Partial collapse of excavation overnight
- (3) 120mm diameter clay pipe encountered

Scale

1 : 20

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Site
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**Trial Pit
Number**
TP7

Excavation Method
Manual

Dimensions
800x600x1350

Ground Level (mOD)
103.41

Client
Pastor Real Estate Limited

Job Number
J11150

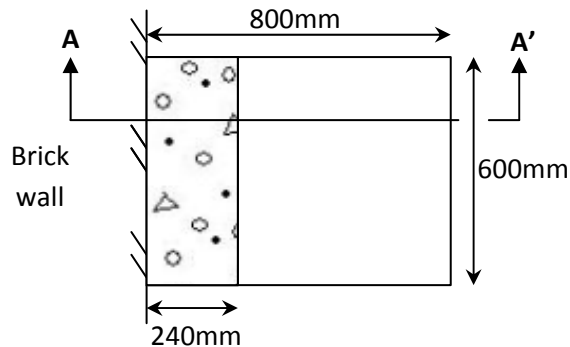
Location
Nice Place

Dates
19/07/11

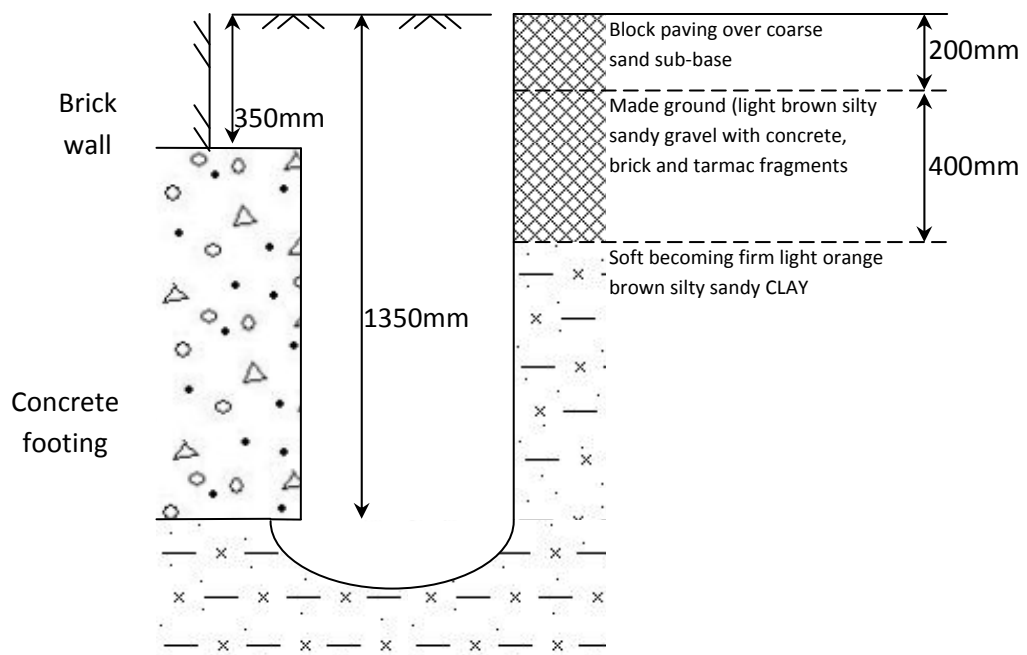
Engineer
Conisbee Consulting Engineers

Job Number
Sheet 1 / 1

PLAN



SECTION A-A



Remarks

- (1) No standing water encountered
- (2) Sides of excavation remained stable during excavation
- (3) No services encountered

Scale

1 : 20

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Site Nice Place & Far End, Compton Avenue, Highgate, N6 4LH

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Sheet
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Photograph 17
Trial Pit 1



Photograph 18
Trial Pit 2



Photograph 19
Trial Pit 3



Photograph 20
Trial Pit 4

Site Nice Place & Far End, Compton Avenue, Highgate, N6 4LH

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Sheet
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Photograph 21
Trial Pit 5



Photograph 22
Trial Pit 6



Photograph 23
Trial Pit 7

PROJECT NAME	NICE PLACE & FAR END, COMPTON AVENUE HIGHGATE N6 4LH - Job Number: J11150	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Date</td> <td style="width: 50%;">12/08/2011</td> </tr> <tr> <td>Approved</td> <td><i>J. Sturges</i></td> </tr> <tr> <td>Page</td> <td>1 of 5</td> </tr> </table>	Date	12/08/2011	Approved	<i>J. Sturges</i>	Page	1 of 5
Date	12/08/2011							
Approved	<i>J. Sturges</i>							
Page	1 of 5							
PROJECT NO:	GEO / 17182							

Sample details				Description	Classification Tests					Density Tests		Undrained Triaxial Compression Tests			Chemical Tests			Other tests and comments
Borehole	Depth	No.	Type		MC	LL	PL	PI	<425 mic	Bulk	Dry	Cell Pressure	Deviator Stress	Shear Stress	pH	2:1 W/S SO4	Ground Water SO4	
No.	(m)				(%)	(%)	(%)		(%)	(Mg/m³)	(Mg/m³)	(kPa)	(kPa)	(kPa)		(g/l)	(g/l)	
BH1	1.00	D2	D	Mottled brown orange and grey silty CLAY with rare fine siltstone and rootlets	23	62	24	38	99									
BH1	2.00	U1	U	Firm mottled grey orange brown sandy CLAY	24					1.94	1.56	40	125	62				
BH1	4.00	U2	U	Firm dark grey slightly sandy CLAY	26					2.00	1.59	80	152	76				
BH1	6.00	U3	U	Stiff dark grey sandy CLAY	26					1.96	1.56	120	234	117				
BH1	9.00	U4	U	Stiff dark grey sandy CLAY with rare silt	24					2.02	1.63	180	208	104				
BH1	12.00	U5	U	Stiff dark grey brown sandy CLAY with rare silt	22					2.02	1.65	240	275	138				
BH1	15.00	U6	U	Stiff dark grey CLAY with rare silt	23					2.05	1.66	300	437	218				
BH1	18.00	U7	U	Stiff dark grey CLAY	27					1.97	1.55	360	273	137				
BH1	21.00	U8	U	Stiff dark grey laminated CLAY	22					1.99	1.64	420	361	180				
BH1	24.50	U9	U	Stiff dark grey CLAY with rare silt and coarse gravel	28					1.97	1.54	490	278	139				
BH2	1.50	D3	D	Mottled brown orange and grey fine sandy CLAY with rare rootlets	29	51	23	28	100									
BH3	1.20	U1	U	Firm mottled orange grey slightly sandy CLAY with rare roots and rootlets	29					1.91	1.48	24	132	66				

SUMMARY OF GEOTECHNICAL TESTING

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Test Report by GEOLABS Limited Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX

Authorised Signatories: ☐ J R Masters (Qual Mgr) ☐ C F Wallace (Tech Mgr) ☒ J Sturges (Ops Mgr) ☐ Simon Burke (Snr Tech) ☐ J J M Powell (Tech Dir)

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PROJECT NAME	NICE PLACE & FAR END, COMPTON AVENUE										Date	12/08/2011
	HIGHGATE N6 4LH - Job Number: J11150										Approved	<i>J Sturges</i>
	PROJECT NO: GEO / 17182										Page	2 of 5

Sample details				Description	Classification Tests					Density Tests		Undrained Triaxial Compression Tests			Chemical Tests			Other tests and comments
Borehole No.	Depth (m)	No.	Type		MC (%)	LL (%)	PL (%)	PI	<425 mic (%)	Bulk (Mg/m³)	Dry (Mg/m³)	Cell Pressure (kPa)	Deviator Stress (kPa)	Shear Stress (kPa)	pH	2:1 W/S SO4 (g/l)	Ground Water SO4 (g/l)	
BH3	3.00	U2	U	Firm dark grey slightly sandy CLAY	28					1.94	1.52	60	129	65				
BH3	5.00	U3	U	Firm dark grey slightly sandy CLAY	23					2.06	1.67	100	177	89				
BH3	7.50	U4	U	Firm dark grey slightly sandy CLAY	23					2.09	1.70	150	233	116				
BH3	10.50	U5	U	Stiff dark grey brown fine sandy CLAY with rare shell fragments	23					2.04	1.67	210	335	168				
BH3	13.50	U6	U	Stiff fissured dark grey brown silty CLAY with rare fine sand and shell fragments	23					2.05	1.66	270	353	176				
BH3	16.50	U7	U	Stiff fissured dark grey brown CLAY with rare pyrite	26					1.99	1.57	330	289	144				
BH3	19.50	U8	U	Stiff fissured grey brown CLAY	26					1.98	1.58	390	381	191				
BH3	22.50	U9	U	Very stiff fissured grey brown CLAY	24					1.95	1.57	450	304	152				
BH4	0.90	D2	D	Mottled brown orange and grey fine sandy CLAY with rare rootlets	30	65	25	40	100									
BH4	1.20	U1	U	Firm to stiff orange brown and grey fine sandy CLAY with rare rootlets	28					1.91	1.49	24	148	74				
BH4	1.70	D3	D	Mottled brown orange and grey fine sandy CLAY sandy CLAY with rare rootlets	33										8.1	0.094		
BH4	2.00	D4	D	Dark orange and grey fine sandy CLAY	31	45	21	24	100									

SUMMARY OF GEOTECHNICAL TESTING

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PROJECT NAME	NICE PLACE & FAR END, COMPTON AVENUE HIGHGATE N6 4LH - Job Number: J11150	Date 12/08/2011
PROJECT NO:	GEO / 17182	Approved <i>J Sturges</i>
		Page 3 of 5

Sample details				Description	Classification Tests					Density Tests		Undrained Triaxial Compression Tests			Chemical Tests			Other tests and comments
Borehole	Depth	No.	Type		MC	LL	PL	PI	<425 mic	Bulk	Dry	Cell Pressure	Deviator Stress	Shear Stress	pH	2:1 W/S SO4	Ground Water SO4	
No.	(m)				(%)	(%)	(%)		(%)	(Mg/m³)	(Mg/m³)	(kPa)	(kPa)	(kPa)		(g/l)	(g/l)	
BH4	3.00	U2	U	Stiff brown and orange brown fine sandy silty CLAY	26					1.99	1.58	60	122	61				
BH4	3.50	D5	D	Grey fine sandy silty CLAY	26													
BH4	4.00	D6	D	Grey fine sandy silty CLAY	25													
BH4	5.00	U3	U	Firm to stiff grey fine sandy silty CLAY	26					2.05	1.63	100	198	99				
BH4	7.50	U4	U	Stiff grey silty CLAY with pockets of fine sand	23					2.04	1.66	150	221	111				
BH4	7.90	D9	D												6.1	0.65		
BH4	10.50	U5	U	Stiff grey silty CLAY (horizontal crack at base of sample)	24					2.03	1.64	210	221	110				
BH4	12.00	D13	D												7.1	1.3		
BH4	13.50	U6	U	Stiff grey fine sandy silty CLAY with rare shell fragments	25					2.07	1.65	270	354	177				
BH4	16.50	U7	U	Very stiff fissured dark grey brown CLAY	27					1.99	1.57	3300	335	168				
BH4	19.50	U8	U	Very stiff fissured dark grey brown CLAY	25					2.01	1.61	390	331	166				
BH4	22.50	U9	U	Very stiff fissured dark grey brown CLAY	27					1.98	1.56	450	295	147				

SUMMARY OF GEOTECHNICAL TESTING

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PROJECT NAME	NICE PLACE & FAR END, COMPTON AVENUE HIGHGATE N6 4LH - Job Number: J11150	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Date</td> <td style="width: 50%;">12/08/2011</td> </tr> <tr> <td>Approved</td> <td><i>J Sturges</i></td> </tr> <tr> <td>Page</td> <td>4 of 5</td> </tr> </table>	Date	12/08/2011	Approved	<i>J Sturges</i>	Page	4 of 5
Date	12/08/2011							
Approved	<i>J Sturges</i>							
Page	4 of 5							
PROJECT NO:	GEO / 17182							

Sample details				Description	Classification Tests					Density Tests		Undrained Triaxial Compression Tests			Chemical Tests			Other tests and comments
Borehole	Depth	No.	Type		MC	LL	PL	PI	<425 mic	Bulk	Dry	Cell Pressure	Deviator Stress	Shear Stress	pH	2:1 W/S SO4	Ground Water SO4	
No.	(m)				(%)	(%)	(%)		(%)	(Mg/m³)	(Mg/m³)	(kPa)	(kPa)	(kPa)		(g/l)	(g/l)	
BH5	2.00	U1	U	Firm brown grey mottled fine sandy CLAY	28					1.96	1.53	40	112	56				
BH5	4.00	U2	U	Firm to stiff grey fine sandy silty CLAY	26					2.01	1.60	80	138	69				
BH5	6.00	U3	U	Stiff dark grey brown silty CLAY with pockets of fine sand	23					2.02	1.64	120	283	142				
BH5	9.00	U4	U	Stiff grey fine sandy silty CLAY	23					2.03	1.66	180	269	134				
BH5	12.00	U5	U	Very stiff dark grey fine sandy silty CLAY	21					2.08	1.72	240	531	265				
BH5	15.00	U6	U	Stiff fissured grey CLAY	25					2.03	1.62	300	390	195				
BH5	18.00	U7	U	Very stiff fissured dark grey CLAY	26					1.99	1.58	360	283	141				
BH5	21.00	U8	U	Very stiff fissured dark grey silty CLAY with occasional pockets of fine sand	27					2.02	1.59	420	386	193				
BH7	0.70	D2	D	Mottled brown orange grey fine sandy CLAY with rare rootlets	20	60	27	33	100									
BH7	1.50	D3	D	Mottled orange brown and grey fine sandy CLAY	24													
BH7	2.50	D4	D	Mottled orange brown and grey fine sandy CLAY	28	47	23	24	100									
BH7	3.50	D5	D	Grey brown and dark orange fine sandy CLAY with rare fine sandstone gravel	27													

SUMMARY OF GEOTECHNICAL TESTING

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PROJECT NAME	NICE PLACE & FAR END, COMPTON AVENUE HIGHGATE N6 4LH - Job Number: J11150	Date 12/08/2011
PROJECT NO:	GEO / 17182	Approved <i>J Sturges</i>
		Page 5 of 5

Sample details				Description	Classification Tests					Density Tests		Undrained Triaxial Compression Tests			Chemical Tests			Other tests and comments
Borehole No.	Depth (m)	No.	Type		MC (%)	LL (%)	PL (%)	PI	<425 mic (%)	Bulk (Mg/m³)	Dry (Mg/m³)	Cell Pressure (kPa)	Deviator Stress (kPa)	Shear Stress (kPa)	pH	2:1 W/S SO4 (g/l)	Ground Water SO4 (g/l)	
BH7	4.50	D6	D	Dark grey fine sandy CLAY	26													
BH7	5.50	D7	D												5.6	0.43		

BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

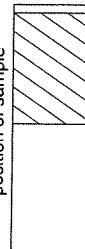
Borehole Number: BH1
 Sample Number: U1
 Depth (m): 2.00

Description:
 Firm mottled grey orange brown sandy CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.9
Diameter (mm):	103.8
Moisture Content (%):	24
Bulk Density (Mg/m ³):	1.94
Dry Density (Mg/m ³):	1.56
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.8
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	40
Strain at failure (%):	12.9
Maximum Deviator Stress (kPa):	125
Shear Stress Cu (kPa):	62
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH1
 Sample Number: U2
 Depth (m): 4.00

Description:
 Firm dark grey slightly sandy CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.6
Diameter (mm):	103.4
Moisture Content (%):	26
Bulk Density (Mg/m³):	2.00
Dry Density (Mg/m³):	1.59
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	1.1
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	80
Strain at failure (%):	20.0
Maximum Deviator Stress (kPa):	152
Shear Stress τ_c (kPa):	76
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



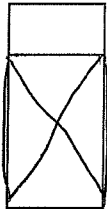
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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

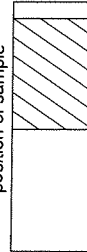
Borehole Number: BH1
 Sample Number: U3
 Depth (m): 6.00

Description:
 Stiff dark grey sandy CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.2
Diameter (mm):	104.8
Moisture Content (%):	26
Bulk Density (Mg/m³):	1.96
Dry Density (Mg/m³):	1.56
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	1.1
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	120
Strain at failure (%):	20.0
Maximum Deviator Stress (kPa):	234
Shear Stress Cu (kPa):	117
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

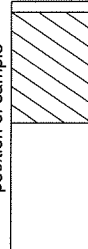
Borehole Number: BH1
Sample Number: U4
Depth (m): 9.00

Description:
Stiff dark grey sandy CLAY with rare silt

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.6
Diameter (mm):	103.4
Moisture Content (%):	24
Bulk Density (Mg/m ³):	2.02
Dry Density (Mg/m ³):	1.63
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.9
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	180
Strain at failure (%):	15.4
Maximum Deviator Stress (kPa):	208
Shear Stress Cu (kPa):	104
Mode of failure:	

Orientation and position of sample



Checked and Approved

Initials:

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Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

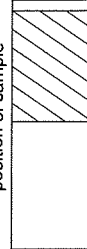
Borehole Number: BH1
Sample Number: U5
Depth (m): 12.00

Description:
Stiff dark grey brown sandy CLAY with rare silt

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.3
Diameter (mm):	103.3
Moisture Content (%):	22
Bulk Density (Mg/m³):	2.02
Dry Density (Mg/m³):	1.65
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	240
Strain at failure (%):	8.4
Maximum Deviator Stress (kPa):	275
Shear Stress Cu (kPa):	138
Mode of failure:	

Orientation and position of sample



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Initials:

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Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

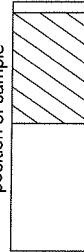
Borehole Number: BH1
 Sample Number: U6
 Depth (m): 15.00

Description:
 Stiff dark grey CLAY with rare silt

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.3
Diameter (mm):	102.1
Moisture Content (%):	23
Bulk Density (Mg/m³):	2.05
Dry Density (Mg/m³):	1.66
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.7
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	300
Strain at failure (%):	10.9
Maximum Deviator Stress (kPa):	437
Shear Stress τ_c (kPa):	218
Mode of failure:	

Orientation and
position of sample



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Initials:

 Date: 12/08/2011

Project Number:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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Quick Undrained Triaxial Test

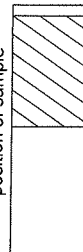
Borehole Number: BH1
 Sample Number: U7
 Depth (m): 18.00

Description:
 Stiff dark grey CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.2
Diameter (mm):	103.4
Moisture Content (%):	27
Bulk Density (Mg/m³):	1.97
Dry Density (Mg/m³):	1.55
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.7
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	360
Strain at failure (%):	10.9
Maximum Deviator Stress (kPa):	273
Shear Stress Cu (kPa):	137
Mode of failure:	

Orientation and
position of sample



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Project Number:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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Quick Undrained Triaxial Test

Borehole Number: BH1
 Sample Number: U8
 Depth (m): 21.00

Description:
 Stiff dark grey laminated CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	195.7
Diameter (mm):	103.2
Moisture Content (%):	22
Bulk Density (Mg/m ³):	1.99
Dry Density (Mg/m ³):	1.64
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.3
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	420
Strain at failure (%):	3.3
Maximum Deviator Stress (kPa):	361
Shear Stress Cu (kPa):	180
Mode of failure:	

Orientation and
position of sample



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**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

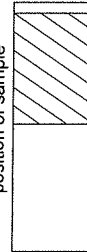
Borehole Number: BH1
 Sample Number: U9
 Depth (m): 24.50

Description:
 Stiff dark grey CLAY with rare
 silt and coarse gravel

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.6
Diameter (mm):	103.5
Moisture Content (%):	28
Bulk Density (Mg/m³):	1.97
Dry Density (Mg/m³):	1.54
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.2
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	490
Strain at failure (%):	2.2
Maximum Deviator Stress (kPa):	278
Shear Stress τ_c (kPa):	139
Mode of failure:	

Orientation and
position of sample



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Initials:

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Project Number:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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Quick Undrained Triaxial Test

Borehole Number: BH3
 Sample Number: U1
 Depth (m): 1.20

Description:
 Firm mottled orange grey slightly sandy CLAY
 with rare roots and rootlets

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.8
Diameter (mm):	104.2
Moisture Content (%):	29
Bulk Density (Mg/m³):	1.91
Dry Density (Mg/m³):	1.48
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	1.0
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	24
Strain at failure (%):	17.8
Maximum Deviator Stress (kPa):	132
Shear Stress Cu (kPa):	66
Mode of failure:	

Orientation and
position of sample



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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



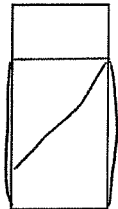
GEOLABS®

BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH3
 Sample Number: U2
 Depth (m): 3.00

Description:
 Firm dark grey slightly sandy CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.8
Diameter (mm):	103.5
Moisture Content (%):	28
Bulk Density (Mg/m ³):	1.94
Dry Density (Mg/m ³):	1.52
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	1.1
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	60
Strain at failure (%):	20.3
Maximum Deviator Stress (kPa):	129
Shear Stress Cu (kPa):	65
Mode of failure:	

Orientation and
position of sample



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Initials:

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Project Number:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

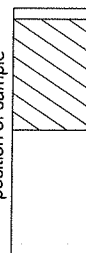
Borehole Number: BH3
 Sample Number: U3
 Depth (m): 5.00

Description:
 Firm dark grey slightly sandy CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.2
Diameter (mm):	102.1
Moisture Content (%):	23
Bulk Density (Mg/m³):	2.06
Dry Density (Mg/m³):	1.67
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.5
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	100
Strain at failure (%):	7.0
Maximum Deviator Stress (kPa):	177
Shear Stress C_u (kPa):	89
Mode of failure:	

Orientation and
position of sample



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Initials:

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Date: 12/08/2011

Project Number:

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Project Name:

NICE PLACE & FAR END, COMPTON AVENUE

HIGHGATE N6 4LH - Job Number: J11150



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH3
 Sample Number: U4
 Depth (m): 7.50

Description:
 Firm dark grey slightly sandy CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.3
Diameter (mm):	101.4
Moisture Content (%):	23
Bulk Density (Mg/m³):	2.09
Dry Density (Mg/m³):	1.70
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.9
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	150
Strain at failure (%):	15.3
Maximum Deviator Stress (kPa):	233
Shear Stress Cu (kPa):	116
Mode of failure:	

Orientation and
position of sample



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Initials:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

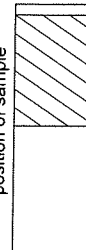
Borehole Number: BH3
 Sample Number: U5
 Depth (m): 10.50

Description:
 Stiff dark grey brown fine sandy CLAY
 with rare shell fragments

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.3
Moisture Content (%):	23
Bulk Density (Mg/m³):	2.04
Dry Density (Mg/m³):	1.67
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	210
Strain at failure (%):	9.4
Maximum Deviator Stress (kPa):	335
Shear Stress σ_v (kPa):	168
Mode of failure:	

Orientation and
position of sample



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**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

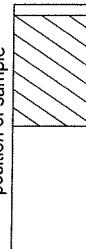
Borehole Number: BH3
 Sample Number: U6
 Depth (m): 13.50

Description:
 Stiff fissured dark grey brown silty CLAY
 with rare fine sand and shell fragments

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.5
Diameter (mm):	102.6
Moisture Content (%):	23
Bulk Density (Mg/m ³):	2.05
Dry Density (Mg/m ³):	1.66
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.8
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	270
Strain at failure (%):	11.9
Maximum Deviator Stress (kPa):	353
Shear Stress Cu (kPa):	176
Mode of failure:	

Orientation and
position of sample



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**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH3
 Sample Number: U7
 Depth (m): 16.50

Description:
 Stiff fissured dark grey brown CLAY
 with rare pyrite

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.0
Diameter (mm):	102.9
Moisture Content (%):	26
Bulk Density (Mg/m³):	1.99
Dry Density (Mg/m³):	1.57
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	330
Strain at failure (%):	8.0
Maximum Deviator Stress (kPa):	289
Shear Stress τ_c (kPa):	144
Mode of failure:	

Orientation and
position of sample



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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

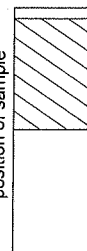
Borehole Number: BH3
 Sample Number: U8
 Depth (m): 19.50

Description:
 Stiff fissured grey brown CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.0
Moisture Content (%):	26
Bulk Density (Mg/m ³):	1.98
Dry Density (Mg/m ³):	1.58
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	390
Strain at failure (%):	8.4
Maximum Deviator Stress (kPa):	381
Shear Stress Cu (kPa):	191
Mode of failure:	

Orientation and
position of sample



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Project Number:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH3
 Sample Number: U9
 Depth (m): 22.50

Description:
 Very stiff fissured grey brown CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	197.0
Diameter (mm):	103.4
Moisture Content (%):	24
Bulk Density (Mg/m³):	1.95
Dry Density (Mg/m³):	1.57
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.5
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	450
Strain at failure (%):	6.6
Maximum Deviator Stress (kPa):	304
Shear Stress Cu (kPa):	152
Mode of failure:	

Orientation and
position of sample



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Project Number:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



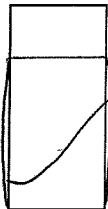
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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH4
 Sample Number: U1
 Depth (m): 1.20

Description:
 Firm to stiff orange brown and grey fine sandy
 CLAY with rare rootlets

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.5
Diameter (mm):	103.5
Moisture Content (%):	28
Bulk Density (Mg/m ³):	1.91
Dry Density (Mg/m ³):	1.49
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	1.1
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	24
Strain at failure (%):	20.0
Maximum Deviator Stress (kPa):	148
Shear Stress Cu (kPa):	74
Mode of failure:	

Orientation and
position of sample



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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH4
 Sample Number: U2
 Depth (m): 3.00

Description:
 Stiff brown and orange brown fine sandy silty CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.5
Moisture Content (%):	26
Bulk Density (Mg/m³):	1.99
Dry Density (Mg/m³):	1.58
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.4
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	60
Strain at failure (%):	5.0
Maximum Deviator Stress (kPa):	122
Shear Stress σ_v (kPa):	61
Mode of failure:	

Orientation and
position of sample



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Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

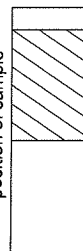
Borehole Number: BH4
 Sample Number: U3
 Depth (m): 5.00

Description:
 Firm to stiff grey fine sandy silty CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.0
Diameter (mm):	102.5
Moisture Content (%):	26
Bulk Density (Mg/m ³):	2.05
Dry Density (Mg/m ³):	1.63
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.8
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	100
Strain at failure (%):	12.4
Maximum Deviator Stress (kPa):	198
Shear Stress Cu (kPa):	99
Mode of failure:	

Orientation and
position of sample



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Project Name:

NICE PLACE & FAR END, COMPTON AVENUE

HIGHGATE N6 4LH - Job Number: J11150



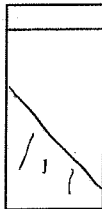
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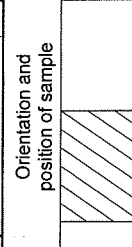
BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH4
 Sample Number: U4
 Depth (m): 7.50

Description:
 Stiff grey silty CLAY
 with pockets of fine sand

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.3
Moisture Content (%):	23
Bulk Density (Mg/m³):	2.04
Dry Density (Mg/m³):	1.66
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	150
Strain at failure (%):	8.9
Maximum Deviator Stress (kPa):	221
Shear Stress C_u (kPa):	111
Mode of failure:	



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**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH4
 Sample Number: U5
 Depth (m): 10.50

Description:
 Stiff grey silty CLAY
 (horizontal crack at base of sample)

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.5
Moisture Content (%):	24
Bulk Density (Mg/m³):	2.03
Dry Density (Mg/m³):	1.64
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.9
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	210
Strain at failure (%):	15.8
Maximum Deviator Stress (kPa):	221
Shear Stress Cu (kPa):	110
Mode of failure:	

Orientation and
position of sample



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Initials:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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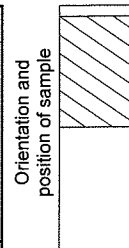
BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH4
 Sample Number: U6
 Depth (m): 13.50

Description:
 Stiff grey fine sandy silty CLAY
 with rare shell fragments

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	201.5
Diameter (mm):	102.8
Moisture Content (%):	25
Bulk Density (Mg/m ³):	2.07
Dry Density (Mg/m ³):	1.65
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.4
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	270
Strain at failure (%):	6.0
Maximum Deviator Stress (kPa):	354
Shear Stress τ_c (kPa):	177
Mode of failure:	



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Initials:

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Project Number:

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Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

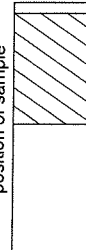
Borehole Number: BH4
 Sample Number: U7
 Depth (m): 16.50

Description:
 Very stiff fissured dark grey brown CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.9
Moisture Content (%):	27
Bulk Density (Mg/m³):	1.99
Dry Density (Mg/m³):	1.57
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.7
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	3300
Strain at failure (%):	11.4
Maximum Deviator Stress (kPa):	335
Shear Stress C_u (kPa):	168
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

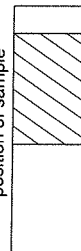
Borehole Number: BH4
 Sample Number: U8
 Depth (m): 19.50

Description:
 Very stiff fissured dark grey brown CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	102.4
Moisture Content (%):	25
Bulk Density (Mg/m ³):	2.01
Dry Density (Mg/m ³):	1.61
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.3
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	390
Strain at failure (%):	4.5
Maximum Deviator Stress (kPa):	331
Shear Stress Cu (kPa):	166
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



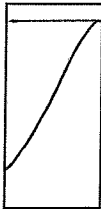
GEOLABS®

BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

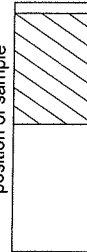
Borehole Number: BH4
 Sample Number: U9
 Depth (m): 22.50

Description:
 Very stiff fissured dark grey brown CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.3
Moisture Content (%):	27
Bulk Density (Mg/m³):	1.98
Dry Density (Mg/m³):	1.56
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.5
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	450
Strain at failure (%):	6.4
Maximum Deviator Stress (kPa):	295
Shear Stress Cu (kPa):	147
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

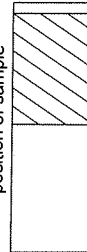
Borehole Number: BH5
 Sample Number: U1
 Depth (m): 2.00

Description:
 Firm brown grey mottled fine sandy CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	102.4
Moisture Content (%):	28
Bulk Density (Mg/m³):	1.96
Dry Density (Mg/m³):	1.53
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	1.1
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	40
Strain at failure (%):	20.0
Maximum Deviator Stress (kPa):	112
Shear Stress Cu (kPa):	56
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

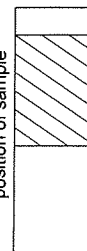
Borehole Number: BH5
 Sample Number: U2
 Depth (m): 4.00

Description:
 Firm to stiff grey fine sandy silty CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	102.6
Moisture Content (%):	26
Bulk Density (Mg/m ³):	2.01
Dry Density (Mg/m ³):	1.60
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	80
Strain at failure (%):	9.4
Maximum Deviator Stress (kPa):	138
Shear Stress Cu (kPa):	69
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH5
 Sample Number: U3
 Depth (m): 6.00

Description:
 Stiff dark grey brown silty CLAY with
 pockets of fine sand

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.1
Moisture Content (%):	23
Bulk Density (Mg/m ³):	2.02
Dry Density (Mg/m ³):	1.64
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.7
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	120
Strain at failure (%):	10.4
Maximum Deviator Stress (kPa):	283
Shear Stress Cu (kPa):	142
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



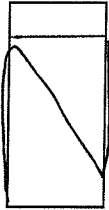
GEOLABS®

BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

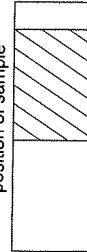
Borehole Number: BH5
Sample Number: U4
Depth (m): 9.00

Description:
Stiff grey fine sandy silty CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.5
Diameter (mm):	102.6
Moisture Content (%):	23
Bulk Density (Mg/m ³):	2.03
Dry Density (Mg/m ³):	1.66
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.8
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	180
Strain at failure (%):	12.3
Maximum Deviator Stress (kPa):	269
Shear Stress τ_c (kPa):	134
Mode of failure:	

Orientation and
position of sample



Checked and
Approved

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH5
 Sample Number: U5
 Depth (m): 12.00

Description:
 Very stiff dark grey fine sandy silty CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	102.9
Moisture Content (%):	21
Bulk Density (Mg/m ³):	2.08
Dry Density (Mg/m ³):	1.72
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.5
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	240
Strain at failure (%):	7.4
Maximum Deviator Stress (kPa):	531
Shear Stress Cu (kPa):	265
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

NICE PLACE & FAR END, COMPTON AVENUE

HIGHGATE N6 4LH - Job Number: J11150



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH5
 Sample Number: U6
 Depth (m): 15.00

Description:
 Stiff fissured grey CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	103.1
Moisture Content (%):	25
Bulk Density (Mg/m³):	2.03
Dry Density (Mg/m³):	1.62
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	300
Strain at failure (%):	9.9
Maximum Deviator Stress (kPa):	390
Shear Stress Cu (kPa):	195
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



GEOLABS®

BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

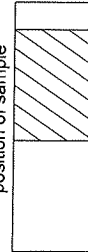
Borehole Number: BH5
 Sample Number: U7
 Depth (m): 18.00

Description:
 Very stiff fissured dark grey CLAY

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	102.8
Moisture Content (%):	26
Bulk Density (Mg/m³):	1.99
Dry Density (Mg/m³):	1.58
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.5
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	360
Strain at failure (%):	6.4
Maximum Deviator Stress (kPa):	283
Shear Stress τ_c (kPa):	141
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



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BS1377 : Part 7 : Clause 8 : 1990
Quick Undrained Triaxial Test

Borehole Number: BH5
 Sample Number: U8
 Depth (m): 21.00

Description:
 Very stiff fissured dark grey silty CLAY
 with occasional pockets of fine sand

Single Stage Specimen

Specimen details	Single Specimen
Specimen condition:	Undisturbed
Length (mm):	202.0
Diameter (mm):	102.9
Moisture Content (%):	27
Bulk Density (Mg/m ³):	2.02
Dry Density (Mg/m ³):	1.59
Test details	
Latex membrane thickness (mm):	0.3
Membrane correction (kPa):	0.6
Axial displacement rate (%/min):	2.0
Cell pressure (kPa):	420
Strain at failure (%):	7.9
Maximum Deviator Stress (kPa):	386
Shear Stress τ_c (kPa):	193
Mode of failure:	

Orientation and
position of sample



**Checked and
Approved**

Initials:

JS

Date: 12/08/2011

Project Number:

GEO / 17182

Project Name:

**NICE PLACE & FAR END, COMPTON AVENUE
 HIGHGATE N6 4LH - Job Number: J11150**



GEOLABS®

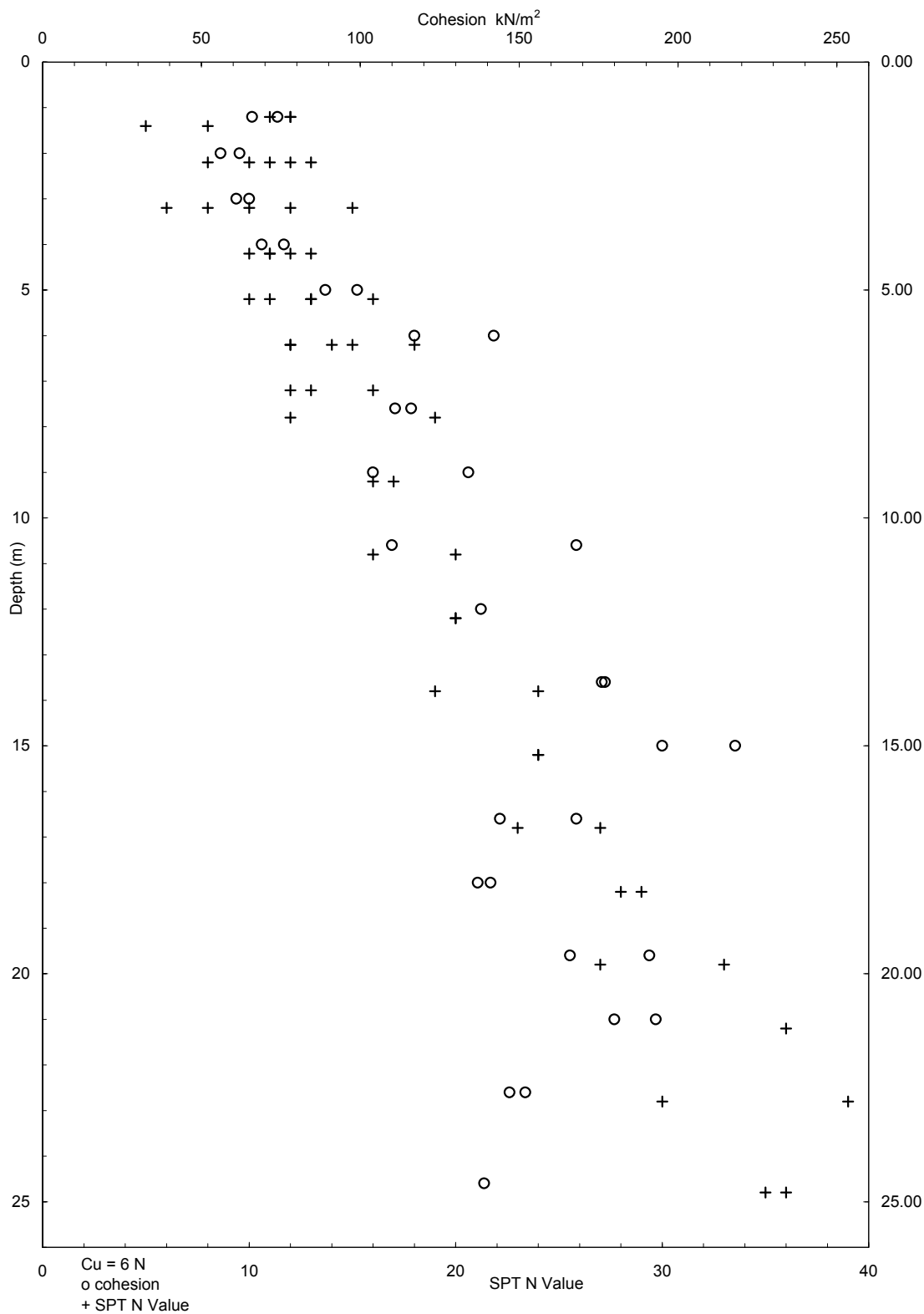
Site Nice Place & Far End, Compton Avenue, Highgate, N6 4LH

Client Pastor Real Estate Limited

Engineer Conisbee

Job Number
J11150

Sheet
1 / 1



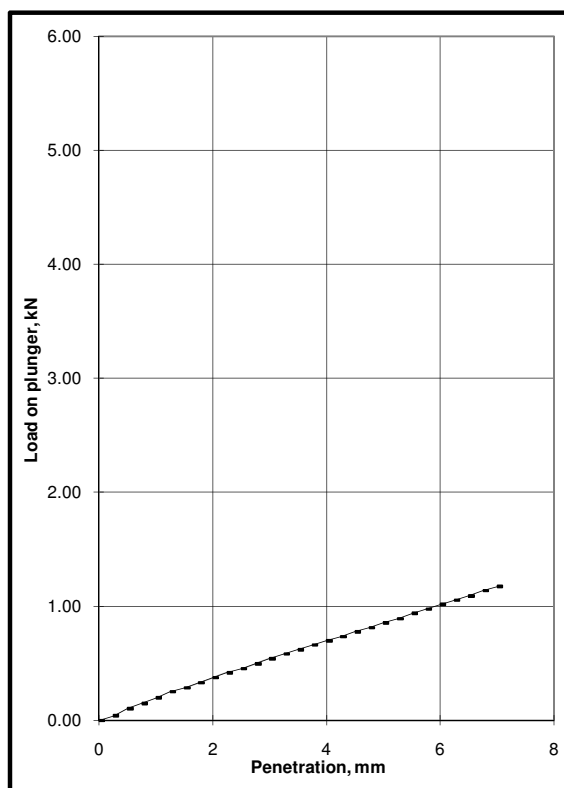
CBR TEST REPORT

Client:	GEA	Report No:	GGB010719
Site:	Nice Place	Report date:	GGB010811
Location Ref:	CBR1	Depth (m):	0.40
		Test date:	GGB010719

Visual description: Dark grey brown slightly gravelly, slightly sandy clay. Gravel is coarse to medium subrounded.

Moisture content (%):		17	Proving Ring kN:		10
TEST DETAILS:	Surcharge kg:	9	Seating load N:	10	

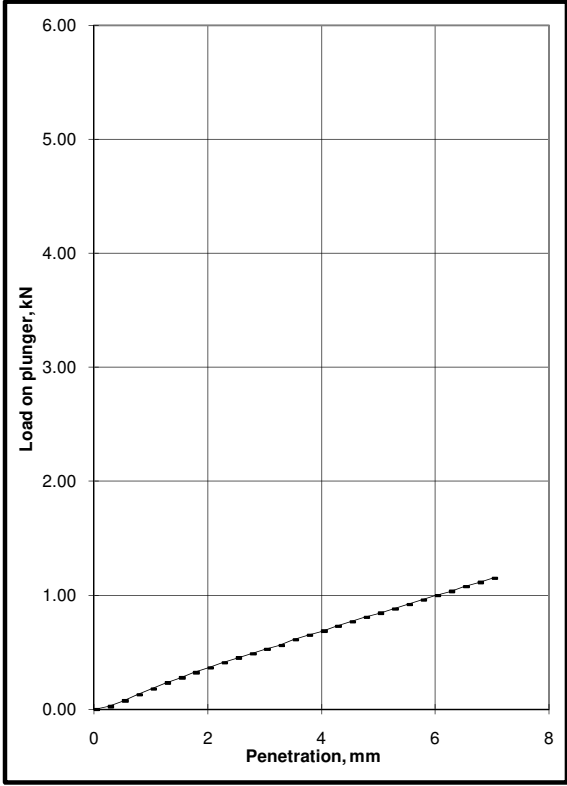
Force - penetration curve



CBR %
4.3

17/08/2011	Determination of the in-situ California Bearing Ratio (CBR)	Approved
	BS 1377 : Part 9 : Clause 4 : 1990	Initials : Date :

CBR TEST REPORT

Client: GEA	Report No: GGB010719			
Site: Nice Place	Report date: GGB010811			
Location Ref: CBR2	Depth (m): 0.35	Test date: GGB010719		
Visual description: Stiff brown clay				
Moisture content (%): 23	Proving Ring kN: 10			
TEST DETAILS: Surcharge kg: 9	Seating load N: 10			
<u>Force - penetration curve</u>  <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tr> <th style="padding: 2px 10px;">CBR %</th> </tr> <tr> <td style="text-align: center; padding: 2px 10px;">4.2</td> </tr> </table>			CBR %	4.2
CBR %				
4.2				
17/08/2011	Determination of the in-situ California Bearing Ratio (CBR) BS 1377 : Part 9 : Clause 4 : 1990	Approved Initials : Date :		

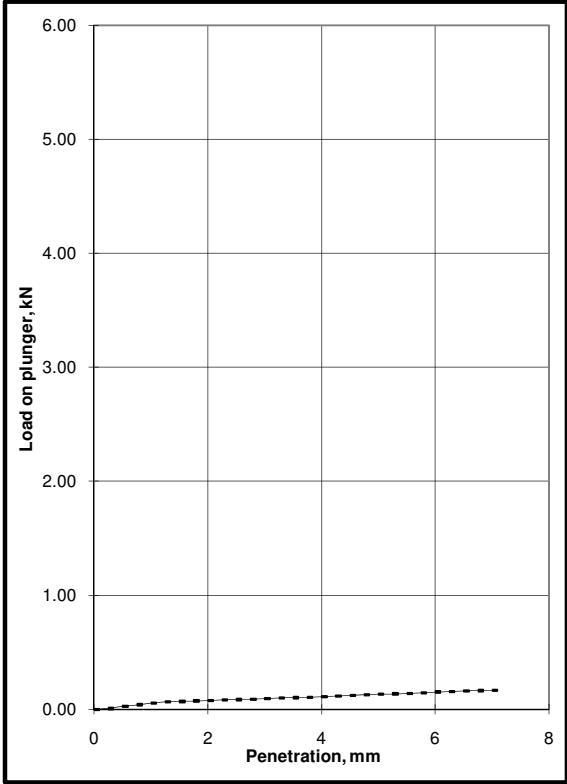
CBR TEST REPORT

Client: GEA	Report No: GGB010719	
Site: Nice Place	Report date: GGB010811	
Location Ref: CBR3	Depth (m): 0.35	Test date: GGB010719

Visual description: Soft grey brown slightly sandy clay.

Moisture content (%): 18	Proving Ring kN: 10	
TEST DETAILS: Surcharge kg: 9	Seating load N: 10	

Force - penetration curve



CBR %
0.7

17/08/2011	Determination of the in-situ California Bearing Ratio (CBR)	Approved Initials : Date :
BS 1377 : Part 9 : Clause 4 : 1990		

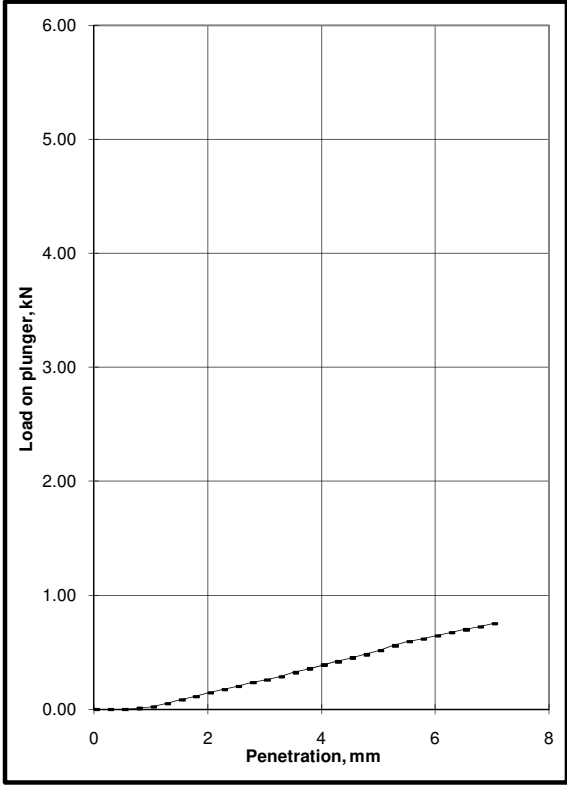
CBR TEST REPORT

Client: GEA	Report No: GGB010719	
Site: Nice Place	Report date: GGB010811	
Location Ref: CBR4	Depth (m): 0.35	Test date: GGB010719

Visual description: Stiff grey brown occasionally gravelly clay. Gravel is coarse to medium angular flint

Moisture content (%): 28	Proving Ring kN: 10	
TEST DETAILS: Surcharge kg: 9	Seating load N: 10	

Force - penetration curve



CBR %
2.6

17/08/2011	Determination of the in-situ California Bearing Ratio (CBR)	Approved Initials : Date :
BS 1377 : Part 9 : Clause 4 : 1990		

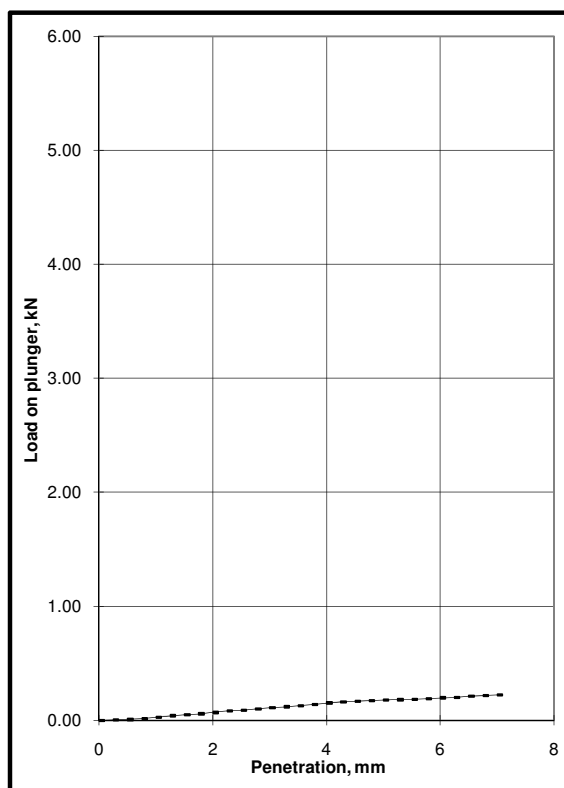
CBR TEST REPORT

Client:	GEA	Report No:	GGB010719
Site:	Nice Place	Report date:	GGB010811
Location Ref:	CBR5	Depth (m):	0.35
		Test date:	GGB010719

Visual description: Brown grey sandy gravelly clay. Gravel is coarse to fine subangular subrounded flint.

Moisture content (%):	20	Proving Ring kN:	10
TEST DETAILS:	Surcharge kg:	9	Seating load N:
			10

Force - penetration curve



CBR %

0.9

17/08/2011	Determination of the in-situ California Bearing Ratio (CBR)	Approved
	BS 1377 : Part 9 : Clause 4 : 1990	Initials : Date :

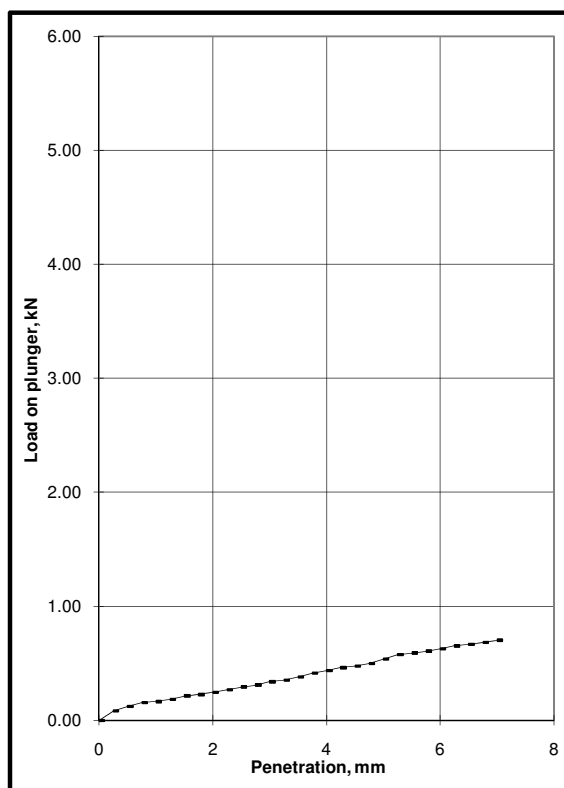
CBR TEST REPORT

Client:	GEA	Report No:	GGB010719
Site:	Nice Place	Report date:	GGB010811
Location Ref:	CBR6	Depth (m):	0.40
		Test date:	GGB010719

Visual description: Brown sandy clay.

Moisture content (%):		16	Proving Ring kN:		10
TEST DETAILS:	Surcharge kg:	9	Seating load N:	10	

Force - penetration curve



CBR %

2.7

17/08/2011	Determination of the in-situ California Bearing Ratio (CBR)	Approved
	BS 1377 : Part 9 : Clause 4 : 1990	Initials : Date :

GEA
Tyttenhanger House
Coursers Road
St Albans Herts
AL4 0PG

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 25 July 2011



Report Date
02 August 2011

FAO Caroline Anderson

J11150 - Nice Place & Far End, Compton Avenue, Highgate, N6 4LH

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

					124628		
					AG27951	AG27952	AG27953
					TP5	TP3	TP7
					20/07/2011	20/07/2011	20/07/2011
					0.3m	0.3m	0.3m
					SOIL	SOIL	SOIL
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2300	Cyanide (total)	57125	mg kg ⁻¹	M	<0.50	<0.50	<0.50
2325	Sulfide	18496258	mg kg ⁻¹	M	2.2	31	2.5
2625	Total Organic Carbon		%	M	0.45	5.2	0.81
2220	Chloride (extractable)	16887006	g l ⁻¹	M	<0.010	<0.010	<0.010
2430	Sulfate (total) as SO ₄		mg kg ⁻¹		7800	2500	800
2450	Arsenic	7440382	mg kg ⁻¹	M	10	11	9.9
	Cadmium	7440439	mg kg ⁻¹	M	<0.10	0.27	0.19
	Chromium	7440473	mg kg ⁻¹	M	35	18	11
	Copper	7440508	mg kg ⁻¹	M	23	170	9.0
	Mercury	7439976	mg kg ⁻¹	M	<0.10	1.1	<0.10
	Nickel	7440020	mg kg ⁻¹	M	39	20	11
	Lead	7439921	mg kg ⁻¹	M	25	1500	66
	Selenium	7782492	mg kg ⁻¹	M	0.29	<0.20	<0.20
	Zinc	7440666	mg kg ⁻¹	M	79	520	46
2676	TPH >C5-C6		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1
	TPH >C6-C7		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1
	TPH >C7-C8		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C8-C10		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C10-C12		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C12-C16		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C16-C21		mg kg ⁻¹	M	< 0.1	0.76	< 0.1
	TPH >C21-C35		mg kg ⁻¹	M	< 0.1	1.3	< 0.1
	Total Petroleum Hydrocarbons		mg kg ⁻¹	U	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg ⁻¹	M	< 0.1	0.78	< 0.1
	Acenaphthylene	208968	mg kg ⁻¹	M	< 0.1	0.26	< 0.1
	Acenaphthene	83329	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	Fluorene	86737	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1

All tests undertaken between 25/07/2011 and 28/07/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Column page 1

Report page 1 of 2

LIMS sample ID range AG27951 to AG27953

GEA
Tyttenhanger House
Coursers Road
St Albans Herts
AL4 0PG

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 25 July 2011



Report Date
02 August 2011

FAO Caroline Anderson

J11150 - Nice Place & Far End, Compton Avenue, Highgate, N6 4LH

					124628		
					AG27951	AG27952	AG27953
					TP5	TP3	TP7
					20/07/2011	20/07/2011	20/07/2011
					0.3m	0.3m	0.3m
					SOIL	SOIL	SOIL
2700	Phenanthrene	85018	mg kg ⁻¹	M	0.17	0.47	< 0.1
	Anthracene	120127	mg kg ⁻¹	M	< 0.1	0.14	< 0.1
	Fluoranthene	206440	mg kg ⁻¹	M	0.86	0.64	< 0.1
	Pyrene	129000	mg kg ⁻¹	M	0.66	0.47	< 0.1
	Benzo[a]anthracene	56553	mg kg ⁻¹	M	0.61	0.47	< 0.1
	Chrysene	218019	mg kg ⁻¹	M	0.46	0.36	< 0.1
	Benzo[b]fluoranthene	205992	mg kg ⁻¹	M	0.79	0.34	< 0.1
	Benzo[k]fluoranthene	207089	mg kg ⁻¹	M	0.41	0.19	< 0.1
	Benzo[a]pyrene	50328	mg kg ⁻¹	M	0.24	0.21	< 0.1
	Dibenzo[a,h]anthracene	53703	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg ⁻¹	M	0.26	0.11	< 0.1
	Benzo[g,h,i]perylene	191242	mg kg ⁻¹	M	0.46	< 0.1	< 0.1
	Total (of 16) PAHs		mg kg ⁻¹	M	4.9	4.4	< 2
2920	Phenols (total)		mg kg ⁻¹	N	<0.3	<0.3	<0.3
2010	pH			M	8.5	8.7	9.0
2030	Moisture		%	n/a	8.57	20.8	11.1
	Stones content (>50mm)		%	n/a	<0.02	<0.02	<0.02
2140	Soil colour			n/a	brown	brown	brown
	Soil texture			n/a	sand	sand	sand
	Other material			n/a	stones	stones	stones

All tests undertaken between 25/07/2011 and 28/07/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Column page 1

Report page 2 of 2

LIMS sample ID range AG27951 to AG27953

GEA
Tyttenhanger House
Coursers Road
St Albans Herts
AL4 0PG

LABORATORY TEST REPORT



Results of analysis of 3 samples
received 18 July 2011

Report Date
26 July 2011

FAO Caroline Anderson

J11150 - Nice Place & Far End, Compton Avenue, Highgate, N6 4LH

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

					118683		
					AG25910	AG25911	AG25912
					BH7	BH6	BH2
					13/07/2011	13/07/2011	13/07/2011
					0.3m	0.3m	0.2m
					SOIL	SOIL	SOIL
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2300	Cyanide (total)	57125	mg kg ⁻¹	M	<0.50	<0.50	<0.50
2325	Sulfide	18496258	mg kg ⁻¹	M	5.0	6.1	1.0
2625	Total Organic Carbon		%	M	1.8	2.7	1.8
2220	Chloride (extractable)	16887006	g l ⁻¹	M	<0.010	<0.010	<0.010
2430	Sulfate (total) as SO ₄		mg kg ⁻¹		400	600	100
2450	Arsenic	7440382	mg kg ⁻¹	M	14	16	5.9
	Cadmium	7440439	mg kg ⁻¹	M	<0.10	0.19	<0.10
	Chromium	7440473	mg kg ⁻¹	M	27	26	13
	Copper	7440508	mg kg ⁻¹	M	30	35	8.7
	Mercury	7439976	mg kg ⁻¹	M	0.54	0.29	0.68
	Nickel	7440020	mg kg ⁻¹	M	15	19	5.8
	Lead	7439921	mg kg ⁻¹	M	110	110	45
	Selenium	7782492	mg kg ⁻¹	M	0.47	0.46	<0.20
	Zinc	7440666	mg kg ⁻¹	M	86	100	26
2676	TPH >C5-C6		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1
	TPH >C6-C7		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1
	TPH >C7-C8		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C8-C10		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C10-C12		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C12-C16		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C16-C21		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	TPH >C21-C35		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	Total Petroleum Hydrocarbons		mg kg ⁻¹	U	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg ⁻¹	M	0.67	0.52	< 0.1
	Acenaphthylene	208968	mg kg ⁻¹	M	2.4	1.7	< 0.1
	Acenaphthene	83329	mg kg ⁻¹	M	2	0.95	< 0.1
	Fluorene	86737	mg kg ⁻¹	M	0.61	0.34	< 0.1

All tests undertaken between 19/07/2011 and 26/07/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Column page 1

Report page 1 of 2

LIMS sample ID range AG25910 to AG25912

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 18 July 2011

Report Date
26 July 2011

FAO Caroline Anderson

J11150 - Nice Place & Far End, Compton Avenue, Highgate, N6 4LH

					118683		
					AG25910	AG25911	AG25912
					BH7	BH6	BH2
					13/07/2011	13/07/2011	13/07/2011
					0.3m	0.3m	0.2m
					SOIL	SOIL	SOIL
2700	Phenanthrene	85018	mg kg ⁻¹	M	1.8	0.61	< 0.1
	Anthracene	120127	mg kg ⁻¹	M	0.21	< 0.1	< 0.1
	Fluoranthene	206440	mg kg ⁻¹	M	3.1	0.69	< 0.1
	Pyrene	129000	mg kg ⁻¹	M	2.2	0.56	< 0.1
	Benzo[a]anthracene	56553	mg kg ⁻¹	M	1.5	0.35	< 0.1
	Chrysene	218019	mg kg ⁻¹	M	1.7	0.39	< 0.1
	Benzo[b]fluoranthene	205992	mg kg ⁻¹	M	2	0.68	< 0.1
	Benzo[k]fluoranthene	207089	mg kg ⁻¹	M	1.1	0.49	< 0.1
	Benzo[a]pyrene	50328	mg kg ⁻¹	M	1.5	0.52	< 0.1
	Dibenzo[a,h]anthracene	53703	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg ⁻¹	M	0.93	0.36	< 0.1
	Benzo[g,h,i]perylene	191242	mg kg ⁻¹	M	1.3	0.44	< 0.1
	Total (of 16) PAHs		mg kg ⁻¹	M	23	8.6	< 2
2920	Phenols (total)		mg kg ⁻¹	N	<0.3	<0.3	<0.3
2010	pH			M	7.2	7.6	3.9
2030	Moisture		%	n/a	17.3	13.1	9.23
	Stones content (>50mm)		%	n/a	<0.02	<0.02	<0.02
2140	Soil colour			n/a	brawn	brawn	brawn
	Soil texture			n/a	loam	clay	sand
	Other material			n/a	stones roots	stones roots	stones roots

		Tyttenhanger House Coursers Road St Albans AL4 0PG		Generic Risk-Based Soil Guideline Values																																																																																																																																																																																																																						
Site Nice Place & Far End, Compton Avenue, London N6 4LH				Job Number J11150A																																																																																																																																																																																																																						
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C5-C6</td><td>55</td><td>LQM/CIEH</td></tr><tr><td>Aliphatic C6-C8</td><td>160</td><td>LQM/CIEH</td></tr><tr><td>Aliphatic C8-C10</td><td>46</td><td>LQM/CIEH</td></tr><tr><td>Aliphatic C10-C12</td><td>230</td><td>LQM/CIEH</td></tr><tr><td>Aliphatic C12-C16</td><td>1700</td><td>LQM/CIEH</td></tr><tr><td>Aliphatic C16-C35</td><td>64,000</td><td>LQM/CIEH</td></tr><tr><td>Aromatic C6-C7</td><td>See Benzene</td><td>LQM/CIEH</td></tr><tr><td>Aromatic C7-C8</td><td>See Toluene</td><td>LQM/CIEH</td></tr><tr><td>Aromatic C8-C10</td><td>65</td><td>LQM/CIEH</td></tr><tr><td>Aromatic C10-C12</td><td>160</td><td>LQM/CIEH</td></tr><tr><td>Aromatic C12-C16</td><td>310</td><td>LQM/CIEH</td></tr><tr><td>Aromatic C16-C21</td><td>480</td><td>LQM/CIEH</td></tr><tr><td>Aromatic C21-C35</td><td>1100</td><td>LQM/CIEH</td></tr><tr><td>PRO (C₅ –C₁₀)</td><td>646</td><td>Calc</td></tr><tr><td>DRO (C₁₂ –C₂₈)</td><td>66,490</td><td>Calc</td></tr><tr><td>Lube Oil (C₂₈ –C₄₄)</td><td>65,100</td><td>Calc</td></tr><tr><td>TPH</td><td>1000</td><td>Trigger for speciated testing</td></tr></table>			Contaminant	Guideline Value mg/kg	Data Source	Metals			Arsenic	32	SGV	Cadmium	10	SGV	Chromium (III)	3000	LQM/CIEH	Chromium (VI)	4.3	LQM/CIEH	Copper	2,330	LQM/CIEH	Lead	450	withdrawn SGV	Elemental Mercury	1	SGV	Inorganic Mercury	170	SGV	Nickel	130	LQM/CIEH	Selenium	350	SGV	Zinc	3,750	LQM/CIEH	Hydrocarbons			Benzene	0.18	SGV	Toluene	320	SGV	Ethyl Benzene	180	SGV	Xylene	120	SGV	Aliphatic C5-C6	55	LQM/CIEH	Aliphatic C6-C8	160	LQM/CIEH	Aliphatic C8-C10	46	LQM/CIEH	Aliphatic C10-C12	230	LQM/CIEH	Aliphatic C12-C16	1700	LQM/CIEH	Aliphatic C16-C35	64,000	LQM/CIEH	Aromatic C6-C7	See Benzene	LQM/CIEH	Aromatic C7-C8	See Toluene	LQM/CIEH	Aromatic C8-C10	65	LQM/CIEH	Aromatic C10-C12	160	LQM/CIEH	Aromatic C12-C16	310	LQM/CIEH	Aromatic C16-C21	480	LQM/CIEH	Aromatic C21-C35	1100	LQM/CIEH	PRO (C ₅ –C ₁₀)	646	Calc	DRO (C ₁₂ –C ₂₈)	66,490	Calc	Lube Oil (C ₂₈ –C 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colspan="3">PAH</td></tr><tr><td>Naphthalene</td><td>3.70</td><td>LQM/CIEH</td></tr><tr><td>Acenaphthylene</td><td>400</td><td>LQM/CIEH</td></tr><tr><td>Acenaphthene</td><td>480</td><td>LQM/CIEH</td></tr><tr><td>Fluorene</td><td>380</td><td>LQM/CIEH</td></tr><tr><td>Phenanthrene</td><td>200</td><td>LQM/CIEH</td></tr><tr><td>Anthracene</td><td>4,900</td><td>LQM/CIEH</td></tr><tr><td>Fluoranthene</td><td>460</td><td>LQM/CIEH</td></tr><tr><td>Pyrene</td><td>1,000</td><td>LQM/CIEH</td></tr><tr><td>Benzo(a) Anthracene</td><td>4.7</td><td>LQM/CIEH</td></tr><tr><td>Chrysene</td><td>8</td><td>LQM/CIEH</td></tr><tr><td>Benzo(b) Fluoranthene</td><td>6.5</td><td>LQM/CIEH</td></tr><tr><td>Benzo(k) Fluoranthene</td><td>9.6</td><td>LQM/CIEH</td></tr><tr><td>Benzo(a) pyrene</td><td>0.94</td><td>LQM/CIEH</td></tr><tr><td>Indeno(1 2 3 cd) Pyrene</td><td>3.9</td><td>LQM/CIEH</td></tr><tr><td>Dibenzo(a h) Anthracene</td><td>0.86</td><td>LQM/CIEH</td></tr><tr><td>Benzo (g h i) Perylene</td><td>46</td><td>LQM/CIEH</td></tr><tr><td>Total PAH</td><td>6.3</td><td>B(a)P / 0.15</td></tr><tr><td colspan="3">Chlorinated Solvents</td></tr><tr><td>1,1,1 trichloroethane (TCA)</td><td>12.9</td><td>LQM/CIEH</td></tr><tr><td>tetrachloroethane (PCA)</td><td>2.1</td><td>LQM/CIEH</td></tr><tr><td>tetrachloroethene (PCE)</td><td>2.1</td><td>LQM/CIEH</td></tr><tr><td>trichloroethene (TCE)</td><td>0.22</td><td>LQM/CIEH</td></tr><tr><td>1,2-dichloroethane (DCA)</td><td>0.008</td><td>LQM/CIEH</td></tr><tr><td>vinyl chloride (Chloroethene)</td><td>0.00064</td><td>LQM/CIEH</td></tr><tr><td>tetrachloromethane (Carbon tetra</td><td>0.039</td><td>LQM/CIEH</td></tr><tr><td>trichloromethane (Chloroform)</td><td>1.3</td><td>LQM/CIEH</td></tr></table>			Contaminant	Guideline Value mg/kg	Data Source	Anions			Soluble Sulphate	0.5 g/l	Structures	Sulphide	50	Structures	Chloride	400	Structures	Others			Organic Carbon (%)	6	Methanogenic potential	Total Cyanide	140	WRAS	Total Mono Phenols	290	SGV	PAH			Naphthalene	3.70	LQM/CIEH	Acenaphthylene	400	LQM/CIEH	Acenaphthene	480	LQM/CIEH	Fluorene	380	LQM/CIEH	Phenanthrene	200	LQM/CIEH	Anthracene	4,900	LQM/CIEH	Fluoranthene	460	LQM/CIEH	Pyrene	1,000	LQM/CIEH	Benzo(a) Anthracene	4.7	LQM/CIEH	Chrysene	8	LQM/CIEH	Benzo(b) Fluoranthene	6.5	LQM/CIEH	Benzo(k) Fluoranthene	9.6	LQM/CIEH	Benzo(a) pyrene	0.94	LQM/CIEH	Indeno(1 2 3 cd) Pyrene	3.9	LQM/CIEH	Dibenzo(a h) Anthracene	0.86	LQM/CIEH	Benzo (g h i) Perylene	46	LQM/CIEH	Total PAH	6.3	B(a)P / 0.15	Chlorinated Solvents			1,1,1 trichloroethane (TCA)	12.9	LQM/CIEH	tetrachloroethane (PCA)	2.1	LQM/CIEH	tetrachloroethene (PCE)	2.1	LQM/CIEH	trichloroethene (TCE)	0.22	LQM/CIEH	1,2-dichloroethane (DCA)	0.008	LQM/CIEH	vinyl chloride (Chloroethene)	0.00064	LQM/CIEH	tetrachloromethane (Carbon tetra	0.039	LQM/CIEH	trichloromethane (Chloroform)	1.3	LQM/CIEH
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Fluoranthene	460	LQM/CIEH																																																																																																																																																																																																																								
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1,1,1 trichloroethane (TCA)	12.9	LQM/CIEH																																																																																																																																																																																																																								
tetrachloroethane (PCA)	2.1	LQM/CIEH																																																																																																																																																																																																																								
tetrachloroethene (PCE)	2.1	LQM/CIEH																																																																																																																																																																																																																								
trichloroethene (TCE)	0.22	LQM/CIEH																																																																																																																																																																																																																								
1,2-dichloroethane (DCA)	0.008	LQM/CIEH																																																																																																																																																																																																																								
vinyl chloride (Chloroethene)	0.00064	LQM/CIEH																																																																																																																																																																																																																								
tetrachloromethane (Carbon tetra	0.039	LQM/CIEH																																																																																																																																																																																																																								
trichloromethane (Chloroform)	1.3	LQM/CIEH																																																																																																																																																																																																																								
Notes Concentrations measured below the above values may be considered to represent 'uncontaminated conditions' which do not pose a risk to human health. Concentrations measured in excess of these values indicate a potential risk, and thus require further, site specific risk assessment. SGV - Soil Guideline Value, derived from the CLEA model and published by Environment Agency 2009 withdrawn SGV - Former SGV, derived from the CLEA 2000 model and published by DEFRA pending confirmation of new approach to modeling lead LQM/CIEH - Generic Assessment Criteria for Human Health Risk Assessment 2nd edition (2009)derived using CLEA 1.04 model 2009 Calc - sum of nearest available carbon range specified including BTEX for PRO fraction B(a)P / 0.15 - GEA experience indicates that Benzo(a) pyrene (one of the most common and most carcinogenic of the PAHs) rarely exceeds 15% of the total PAH concentration, hence this Total PAH threshold is regarded as being conservative																																																																																																																																																																																																																										

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

35380198_1_1

Customer Reference:

J11150

National Grid Reference:

527180, 187840

Slice:

A

Site Area (Ha):

0.61

Search Buffer (m):

1000

Site Details:

Nice Place
Compton Avenue
LONDON
N6 4LH

Client Details:

Mr S Branch
GEA Ltd
Tyttenhanger House
Corsers Road
St Albans
Herts
AL4 0PG

Prepared For:

Pastor Real Estate

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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			1	
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1		Yes		
Pollution Incidents to Controlled Waters	pg 1		2	2	8
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 3	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites					
BGS 1:625,000 Solid Geology	pg 5	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 6			2	n/a
Fuel Station Entries	pg 6				1