

**Appendix C**

**Pringuer-James Consulting Engineers  
Basement Impact Assessment**

**Site Investigation Report  
Soil Consultants Ltd.  
Report Ref: C9117/JRCB/OT**

# Soil Consultants Ltd

Ground Investigation - Geotechnical Analysis - Contamination Assessment

9117/JRCB/OT  
Client: Risetall Ltd

Site Investigation Report - 10A Belmont Street, London NW1 8HH

Consulting Engineers: Pringuer-James

## GROUND INVESTIGATION REPORT

### PROPOSED REDEVELOPMENT:

**10A BELMONT STREET  
LONDON NW1 8HH**



**Client:**  
**RISETALL LTD**  
**46 Great Marlborough Street**  
**London W1F 7JW**

**Consulting Engineers:** **PRINGUER-JAMES CONSULTING ENGINEERS LTD**  
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**London TW9 2SS**

**Report ref:** **9117/JRCB/OT**

**Date:** **1<sup>st</sup> February 2012 [Rev 1]**

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## GROUND INVESTIGATION REPORT

### PROPOSED REDEVELOPMENT:

**10A BELMONT STREET  
LONDON NW1 8HH**

### DOCUMENT ISSUE STATUS:

Issue	Date	Description	Author	Checked/approved
Rev 0	30 January 2012	First issue	John Bartley	Opher Tolkovsky
Rev 1	1 February 2012	Client name change	John Bartley	Opher Tolkovsky

1<sup>st</sup> February 2012 [Rev 1]

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**APPENDIX****Fieldwork, in-situ testing and monitoring**

- ✚ Borehole records
- ✚ Standard Penetration Test results

**Laboratory testing**

- ✚ Index property testing
- ✚ Plasticity chart
- ✚ Unconsolidated undrained triaxial test results [QUT]
- ✚ Soluble sulphate/pH testing

**Ground profiles**

- ✚ Plot of SPT 'N' value and undrained cohesion versus elevation

**Plans & drawings**

- ✚ Development plans
- ✚ Piling GA drawings and loading sheet
- ✚ Site Plan
- ✚ Location Plan

**1.0 INTRODUCTION**

Consideration is being given to the construction of a new 5-storey extension to 10A Belmont Street, together with two additional storeys on the existing building. In connection with the proposed works, Soil Consultants were commissioned to carry out a ground investigation to identify the ground sequence and determine the geotechnical parameters of the soils.

This report describes the investigation undertaken, gives a summary of the ground conditions encountered and then provides foundation design recommendations. The required scope of work did not include a Desk Study of Contamination/Environmental Appraisal.

This report has been prepared for the benefit of the Client and associated parties directly involved with the design and construction of the project under direction of the Client. No reliance can be assumed by others without the written agreement of Soil Consultants Ltd.

**2.0 SITE DESCRIPTION**

The site is located in a mixed commercial/residential area in Chalk Farm, north London, with its centre at approximate NGR 528360N 184390E. The existing building, which measures about 12m x 37m in plan, is a 5-storey brick-built office block which lies to the east of Belmont Street. Access to the front of the building [west facing] is via a paved walkway off Belmont Street that passes behind a commercial property immediately to the west. A number of 3-storey residential properties adjoin the north facing elevation of the building.

A car park is present to the rear [east side] of the building with approximate dimensions 35m x 20m - this is accessible via a short lane off Ferdinand Street, the entrance to which is approximately 35m from the junction with the A502 Chalk Farm Road. The access road is spanned by a commercial property on the east side of the car park. On the northern side of the car park are a number of small businesses, including what appears to be a builders merchants or similar, and on the south side is a wholesale beverages depot that adjoins the south-east corner of the building.

An electricity substation is present approximately 10m north-east of the building, behind a builders merchants on the north side of the car park. Some semi mature to mature trees are present in between the surrounding buildings and lining Belmont Street, with the closest tree being located approximately 5m north-east, adjacent to the substation.

The site and its surroundings are generally flat and level, with an approximate elevation of +29mOD [interpolated from OS data].

The current site features are shown on the Site Plan, which is included in the Appendix, and in a number of photographs on the front cover of this report.

**3.0 EXPLORATORY WORK**

The investigation comprised the following elements.

**Cable percussive borehole**

One borehole [BH No 1] was carried out at a position agreed with the Consulting Engineers in December 2011. The borehole was taken to a depth of 20m and in-situ Standard Penetration Tests [SPT] and sampling were carried out at appropriate intervals - a monitoring pipe was installed to 4m depth.

**Geotechnical laboratory testing**

The following geotechnical laboratory testing was completed:

- ✚ natural moisture content
- ✚ index properties [Atterberg Limits]
- ✚ unconsolidated undrained triaxial compression tests [102mm diameter sample]

The engineering logs of the exploratory holes and the laboratory testing results are included in the Appendix.





## **APPENDIX**

### **Fieldwork, in-situ testing and monitoring**

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### **Laboratory testing**

- ✚ Index property testing
- ✚ Plasticity chart
- ✚ Unconsolidated undrained triaxial test results [QUT]

### **Ground profiles**

- ✚ Plot of SPT 'N' value and undrained cohesion versus depth

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## **APPENDIX**

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# Soil Consultants Ltd

Ground Investigation - Geotechnical Analysis - Contamination Assessment

## FOREWORD FOR CABLE PERCUSSIVE DRILLING - GUIDANCE NOTES

### GENERAL

The Borehole Records are compiled from the driller's description of the strata encountered, an examination of the samples by our Geotechnical Engineer and the results of in-situ and laboratory tests. Based on this data, the report presents an opinion on the configuration of strata within the site. However, such reasonable assumptions are given for guidance only and no liability can be accepted for changes in conditions not revealed by the boreholes.

### BORING METHODS

The Cable Percussion technique of boring is normally employed and allows the ground conditions to be reasonably well established. However, some disturbance of the ground is inevitable, particularly some "softening" of the upper zone of clay immediately beneath a granular soil. The presence of thin layers of different soils within a stratum may not always be detected.

### GROUND WATER

The depth at which ground water was struck is entered on the Borehole Records. However, this observation may not indicate the true water level at that period. Due to the speed of boring and the relatively small diameter of the borehole, natural ground water may be present at a depth slightly higher than the water strike. Moreover, ground water levels are subject to variations caused by changes in the local drainage conditions and by seasonal effects. When a moderate inflow of water does take place, boring is suspended for at least 10 minutes to enable a more accurate short-term water level to be achieved. An estimate of the rate of inflow is also given. This is a relative term and serves only as a guide to the probable flow of water into an excavation.

Further observations of the water level made during the progress of the borehole are shown including end of shift and overnight readings and the depth at which water was sealed off by the borehole casing, if applicable.

Whilst drilling through granular soils, it is usually necessary to introduce water into the borehole to permit their extraction. When additional water has been used a remark is made on the Borehole Record and the implications are discussed in the text.

### SAMPLES

Undisturbed samples of the predominantly cohesive soils are obtained using a 100mm diameter open-drive sampler. In granular soils, disturbed bulk samples are taken and placed in polythene bags. Small jar samples are taken at frequent intervals in all soils for subsequent visual examination. Where ground water is encountered in sufficient quantity, a sample of the ground water is also taken.

### IN-SITU STANDARD PENETRATION TESTS

This test is performed in accordance with the procedure given in B.S.1377:1990. The individual blow count record for each test is given on a separate table. The 'N' value is normally the number of blows to achieve a penetration of 0.3m following a seating distance of 0.15m and is quoted at the mid-depth of the test zone. However if a change of stratum occurs within the test zone then a revised 'N' value is calculated to assess one layer in particular. In hard strata full penetration may not be obtained. In such cases the suffix + indicates that the result has been extrapolated from the limited penetration achieved. Where ground water has affected the measured values, the resultant 'N' values have been placed in brackets since it is unlikely to represent the true in-situ density of the soil.

Site: 10A Belmont Street, London NW1 8HH					Borehole No: 1			
Location:					Sheet: 1 of 3			
Client: Risetall Ltd					Report No: 9117/JRC			
Engineer: Pringuer-James Consulting Engineers Ltd								
Comments	Samples		Field Test	Strata		Strata Description	Legend	
	Type	Depth (m)		Depth (m)	Level (mOD)			
BH carried out on 13 Dec 2011	D	0.25		0.00	B	+ 29.00	ASPHALT surfacing [100mm] over road-base and brick	0
	D	0.50		0.25		+ 28.75	MADE GROUND: dark grey and black ashy sand with gravel, brick fragments and clinker - locally clayey	
Service pit to 1.20m BH/casing dia: 150mm	D	1.00		0.95		+ 28.05	MADE GROUND: soft [locally very soft] brown/grey and brown/orange sandy clay with brick fragments, gravel and occasional clinker	1
Ground-water inflow at 1.80m Rose to 1.58m [20 minutes]	S/D	1.80	7					2
	D	2.00						
	S/D	2.80	7					
	D	3.00		3.10	B	+ 25.90	Firm becoming stiff brown fissured CLAY with blue/grey gleying and scattered selenite crystals. Locally silty and slightly sandy	3
BH cased to 3.50m								
	S/D	3.80	12					4
	D	4.00						
	U	4.50						5
	D	5.00						
								6
	S/D	6.30	19					
	D	6.75						7
	U	7.50						
	D	8.00						8
	S/D	9.30	22					9
	D	9.75						
								10
Constructed using cable percussive techniques								
Key: U = Undisturbed B = Bulk D = Small disturbed W = Water S = SPT 'N' [soil spoon sampled] C = SPT 'N' [solid cone] HV = Hand Vane (kPa) PP = Pocket Penetrometer (kg/cm²)								
Remarks :- BH level inferred from OS contours - approximate only								Borehole No: 1

[\* = extrapolated SPT 'N' value]

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SCL Chart Generator Ver 1.4

Site: 10A Belmont Street, London NW1 8HH				Borehole No: 1				
Location:				Sheet: 2 of 3				
Client: Risetall Ltd				Report No: 9117/JRCB				
Engineer: Pringuer-James Consulting Engineers Ltd								
Comments	Samples		Field Test	Strata		Strata Description	Legend	
	Type	Depth (m)		Depth (m)	Level (mOD)			
	U	10.50		10.00	+ 19.00	Stiff brown fissured CLAY with blue/grey gleying and scattered selenite crystals. Locally silty and slightly sandy	10	
	D	11.00		11.00			11	
				11.30	+ 17.70	Stiff becoming very stiff grey fissured CLAY, locally silty and slightly sandy with occasional partings of silty fine sand	12	
	S/D	12.30	27	12.00			13	
	D	12.75		13.00			14	
	U	13.50		14.00			15	
	D	14.00		15.00			16	
	S/D	15.30	30	16.00			17	
	D	15.75		17.00			18	
	U	16.50		18.00			19	
	D	17.00		19.00			20	
	S/D	18.30	40	20.00	+ 9.00		End of Borehole at 20m depth	20
	D	18.75						
	U	19.50						
BH dry on completion	D	19.80		20.00	+ 9.00			
Constructed using cable percussive techniques								
Key: U = Undisturbed B = Bulk D = Small disturbed W = Water S = SPT 'N' (soil spoon sample) C = SPT 'N' (solid cone) HV = Hand Vane (kPa) PP = Pocket Penetrometer (kg/cm²)								
Remarks :-							Borehole No: 1	

[\* = extrapolated SPT 'N' value]

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SCL Chart Generator v1.0.2

Site: 10A Belmont Street, London NW1 8HH		Borehole No: 1	
Location:		Sheet 3 of 3	
Client: Risetall Ltd		Report No: 9117/JRCB	
Engineer: Pringuer-James Consulting Engineers Ltd			

**Borehole Installation and Backfill Details**

Depth (m) | Elevation (mOD)

Ground Level | 0.00 | 29.00

Concrete | 0.50 | 28.50

Bentonite | 1.00 | 28.00

Filter Gravel | 4.00 | 25.00

Bentonite | 4.50 | 24.50

Arisings | 20.00 | 9.00

Surfacing over sub-base

Made ground

Made ground

London Clay

Remarks :-	[i] Pipe diameter: 35mm	Borehole No: 1
	[ii] Tip at 4m depth [ 25m OD approx]	
	[iii] Gas tap fitted	

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SCL Chart Generator v1.0.2



Site Location		10A Belmont Street, London NW1 8HH							Report No:		9117/JRCB	
IN-SITU STANDARD PENETRATION TEST RESULTS												
Borehole No:	Start depth [m]	Test Type	Blow counts per 75 mm							SPT (N)	Remarks	
1	1.50	S	1	1	2	2	1	2	7			
1	2.50	S	2	2	1	1	2	3	7			
1	3.50	S	2	2	3	3	3	3	12			
1	6.00	S	3	3	4	4	5	6	19			
1	9.00	S	3	4	5	5	6	6	22			
1	12.00	S	4	6	6	6	7	8	27			
1	15.00	S	5	6	6	7	8	9	30			
1	18.00	S	6	7	8	10	10	12	40			

APPENDIX

Laboratory testing

- Index property testing
- Plasticity chart
- Unconsolidated undrained triaxial test results [QUT]
- Soluble sulphate/pH testing

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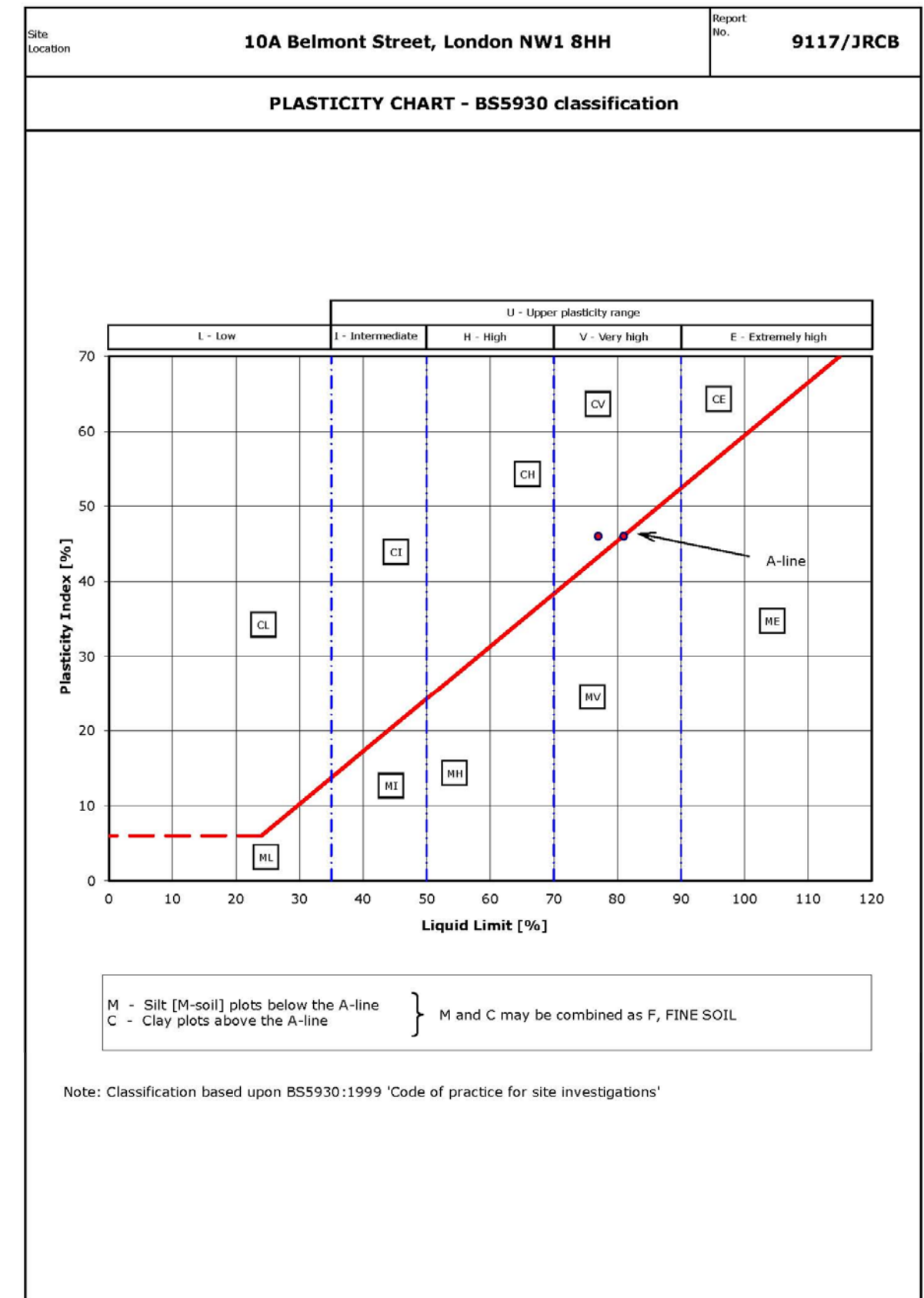
[SPT Sheet 1 of 1]

1<sup>st</sup> February 2012 [Rev 1]

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Site Location	10A Belmont Street, London NW1 8HH						Report No:	9117/JRCB
INDEX PROPERTY TEST RESULTS								
Sample Location	Depth [m]	Sample Description	Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	Percent Passing 425µm	Remarks
BH1	10.50	Brown CLAY with blue/grey gleying	31	81	35	46	>95	
BH2	19.50	Grey CLAY	28	77	31	46	>95	
Notes:								
- Moisture content test: BS 1377:Part 2 [1990] Clause 3.2 [value in brackets = calculated matrix moisture content for comparison with LL and PL]								
- Liquid and Plastic Limit: BS 1377:Part 2 [1990] Clauses 4.4, 5.2, 5.3, 5.4 is carried out on fine grained soil matrix								
- Percent passing 425 micron sieve is by estimation, by hand* or by wet sieving**								
- LOI = Loss on Ignition								
Sample examined by JRCB (Engineer)								
Results checked by JRCB (Engineer)								
Certificate date : 30-Jan-12								

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Site Location		10A Belmont Street, London NW1 8HH							Report No:	9117/JRCB
TRIAXIAL COMPRESSION TEST RESULTS										
Key : 38, 102 = dia in mm, U=Undrained, M= Multistage, MC = Moisture Content, QD = Quick Drained Test										
Borehole No:	Depth [m]	Test Type	Cell Pressure [kN/m2]	Comp Strength [kN/m2]	Bulk Density [Mg/m3]	Moisture Content [%]	Cohesion [kN/m2]	Angle of Friction [deg]	Remarks	
1	4.50	102U	100	122	1.80	35	61	0		
1	7.50	102U	180	152	1.92	34	76	0		
1	10.50	102U	210	169	1.95	31	85	0		
1	13.50	102U	270	318	1.97	28	159	0		
1	16.50	102U	330	252	1.98	28	126	0		
1	19.50	102U	390	323	1.99	28	161	0		

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[Triaxial Sheet 1 of 1]

Site Location		10A Belmont Street, London NW1 8HH							Report No:	9117/JRCB
TRIAXIAL COMPRESSION TEST RESULTS										
Key : 38, 102 = dia in mm, U=Undrained, M= Multistage, MC = Moisture Content, QD = Quick Drained Test										
Borehole No:	Depth [m]	Test Type	Cell Pressure [kN/m2]	Comp Strength [kN/m2]	Bulk Density [Mg/m3]	Moisture Content [%]	Cohesion [kN/m2]	Angle of Friction [deg]	Remarks	
1	4.50	102U	100	122	1.80	35	61	0		
1	7.50	102U	180	152	1.92	34	76	0		
1	10.50	102U	210	169	1.95	31	85	0		
1	13.50	102U	270	318	1.97	28	159	0		
1	16.50	102U	330	252	1.98	28	126	0		
1	19.50	102U	390	323	1.99	28	161	0		

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[Triaxial Sheet 1 of 1]



Site Location		10A Belmont Street, London NW1 8HH							Report No:	9117/JRCB
TRIAxIAL COMPRESSION TEST RESULTS										
Key : 38, 102 = dia in mm, U=Undrained, M= Multistage, MC = Moisture Content, QD = Quick Drained Test										
Borehole No:	Depth [m]	Test Type	Cell Pressure [kN/m2]	Comp Strength [kN/m2]	Bulk Density [Mg/m3]	Moisture Content [%]	Cohesion [kN/m2]	Angle of Friction [deg]	Remarks	
1	4.50	102U	100	122	1.80	35	61	0		
1	7.50	102U	180	152	1.92	34	76	0		
1	10.50	102U	210	169	1.95	31	85	0		
1	13.50	102U	270	318	1.97	28	159	0		
1	16.50	102U	330	252	1.98	28	126	0		
1	19.50	102U	390	323	1.99	28	161	0		

[Triaxial Sheet 1 of 1]

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**QTS Environmental Report No: 8289**

Site Reference: Belmont St

Project / Job Ref: 9117/JRCB

Order No: None Supplied

Sample Receipt Date: 05/01/2012

Sample Scheduled Date: 05/01/2012

Report Issue Number: 1

Reporting Date: 11/01/2012

Authorised by:

Russell Jarvis  
Director  
On behalf of QTS Environmental Ltd

Authorised by:

Kevin Old  
Director  
On behalf of QTS Environmental Ltd

QTS Environmental Ltd - Registered in England No 06620874

Page 1 of 4



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**Lenham Heath**  
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**Kent ME17 2JN**  
**Tel : 01622 851105**



Soil Analysis Certificate				
QTS Environmental Report No: 8289	Date Sampled	13/12/11	13/12/11	13/12/11
Soil Consultants Ltd	Time Sampled	None Supplied	None Supplied	None Supplied
Site Reference: Belmont St	TP / BH No	BH1	BH1	BH1
Project / Job Ref: 9117/JRCB	Additional Refs	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	3.00	8.00	14.00
Reporting Date: 11/01/2012	QTS Sample No	37990	37991	37992

Determinand	Unit	MDL	Accreditation				
Stone Content	%	<0.1	NONE	<0.1	<0.1	<0.1	

General Inorganics	Unit	MDL	Accreditation				
pH	pH Units	+ / - 0.1	MCERTS	7.8	7.6	8.0	
W/S Sulphate as SO <sub>4</sub> (2:1)	g/l	< 0.01	NONE	0.19	2.46	0.49	

Analytical results are expressed on a dry weight basis where samples are dried at less than 30°C. Analysis carried out on the dried sample is corrected for the stone content. Stone content is classified as material greater than 10mm in diameter.



**QTS Environmental Ltd**  
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<b>Soil Analysis Certificate - Sample Descriptions</b>	
QTS Environmental Report No: 8289	
Soil Consultants Ltd	
Site Reference: Belmont St	
Project / Job Ref: 9117/JRCB	
Order No: None Supplied	
Reporting Date: 11/01/2012	

[illegible]



QTS Environmental Ltd  
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Tel : 01622 851105



9117/JRCB/OT  
Client: Risetall Ltd

Site Investigation Report – 10A Belmont Street, London NW1 8HH

Consulting Engineers: Pringuer-James

APPENDIX

Ground profiles

- Plot of SPT 'N' value and undrained cohesion versus depth

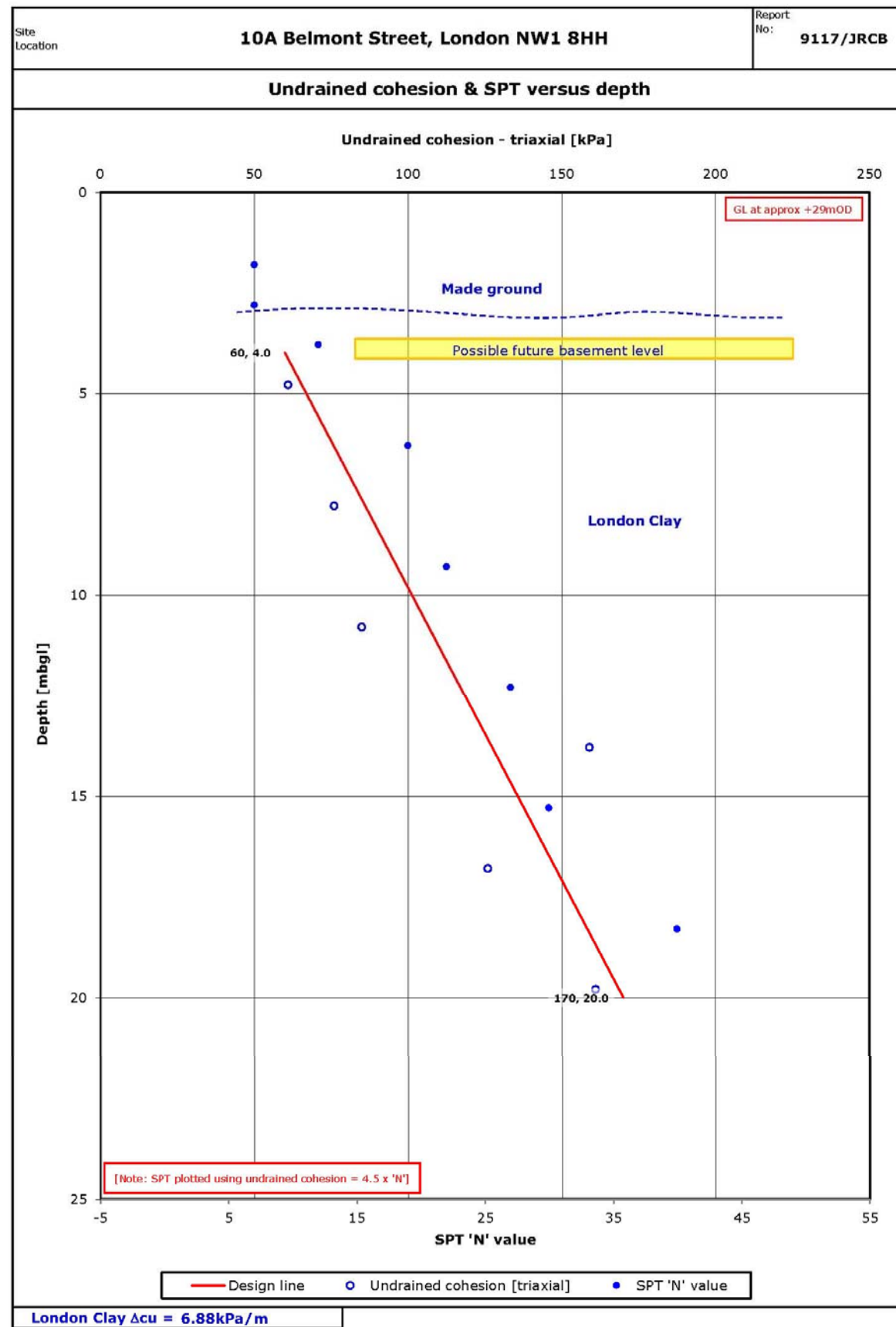
Soil Analysis Certificate - Methodology & Miscellaneous Information	
QTS Environmental Report No: 8289	
Soil Consultants Ltd	
Site Reference: Belmont St	
Project / Job Ref: 9117/JRCB	
Order No: None Supplied	
Reporting Date: 11/01/2012	

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	AR	Fibrous Material Screen	Visual screening of samples for fibrous material	E024
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water followed by titration using silver nitrate	E021
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by turbidimeter	E020
Soil	D	Fluoride - Water Soluble	Test Kit	E023
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E011
Soil	D	Loss on Ignition @ 450°C	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	D	Phosphorus	Determination of phosphorus by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Sulphate (as SO <sub>4</sub> ) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	D	Sulphate (as SO <sub>4</sub> ) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	AR	Sulphide	Determination of sulphide by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia, potassium iodide/iodate followed by ICP-OES	E002
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E011
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E009
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E009
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E010
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E009
Soil	AR	EPH (C10 - C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	VPH (C6 - C10)	Determination of hydrocarbons C6-C10 by headspace GC-MS	E001
Soil	AR	EPH TEXAS	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	TPH CWG	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	TPH LQM	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	EPH (with florilil cleanup)	Determination of acetone/hexane extractable hydrocarbons with florilil cleanup step by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001

Key

D Dried  
AR As Received





Soil Consultants Ltd

9117/JRCB/OT  
Client: Risetall Ltd

Site Investigation Report - 10A Belmont Street, London NW1 8HH

Consulting Engineers: Pringuer-James

**APPENDIX****Plans & drawings**

- Development plans
- Piling GA drawings and loading sheet
- Site Plan
- Location Plan

1<sup>st</sup> February 2012 [Rev 1]

Soil Consultants Ltd