

SITE INVESTIGATION FACTUAL REPORT

Report No: 169984

Client: Cunningham Lindsey - Maidstone

Site: 99 Greencroft Gardens, London

Client Ref: 7498207-

Date of Visit: 11/01/2014







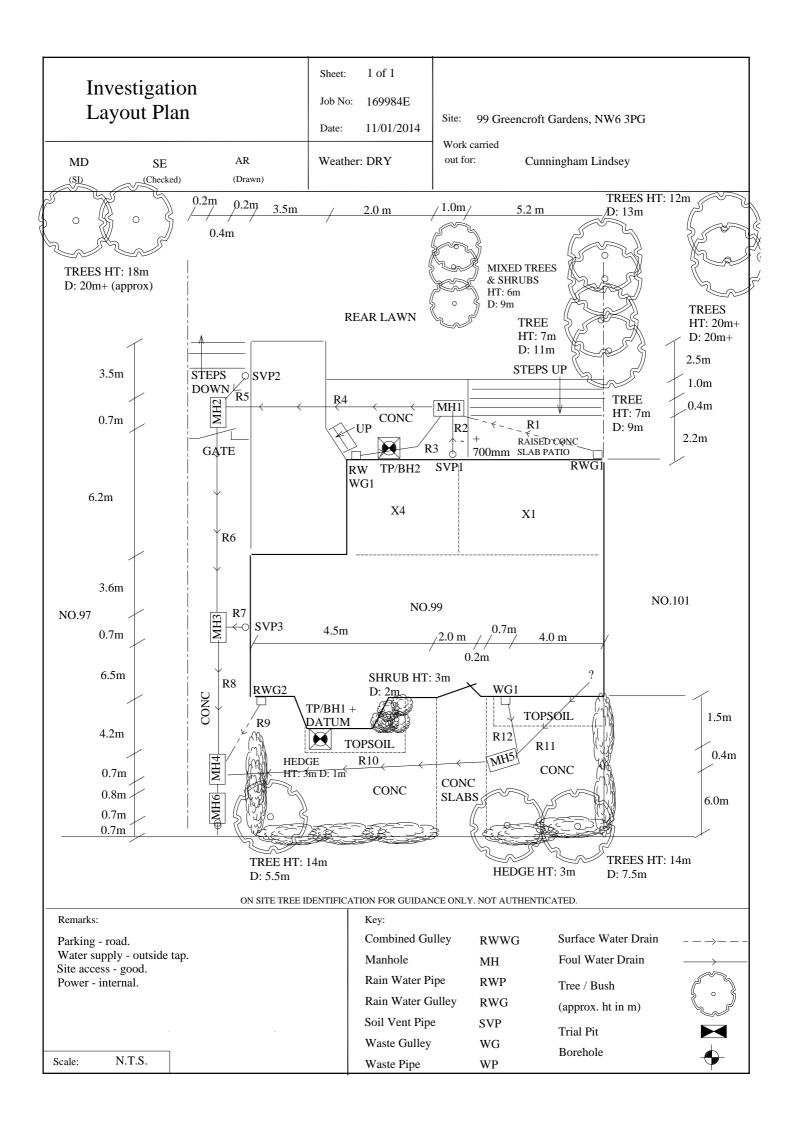


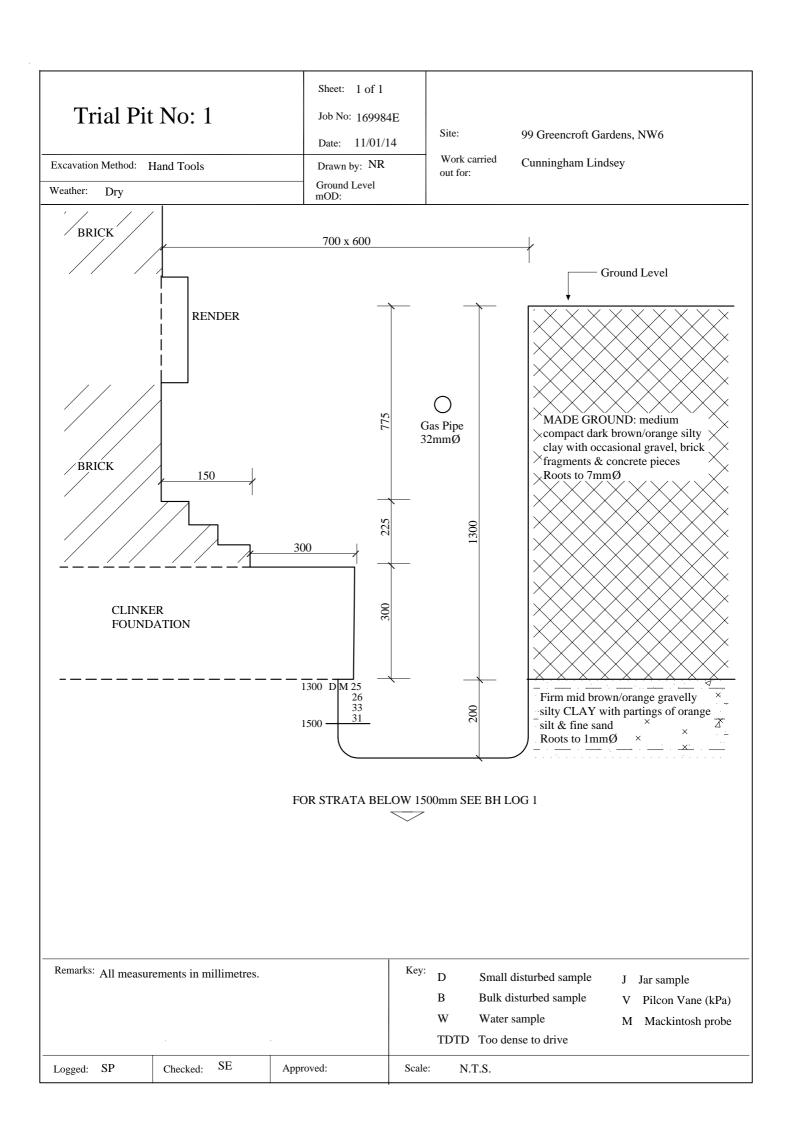


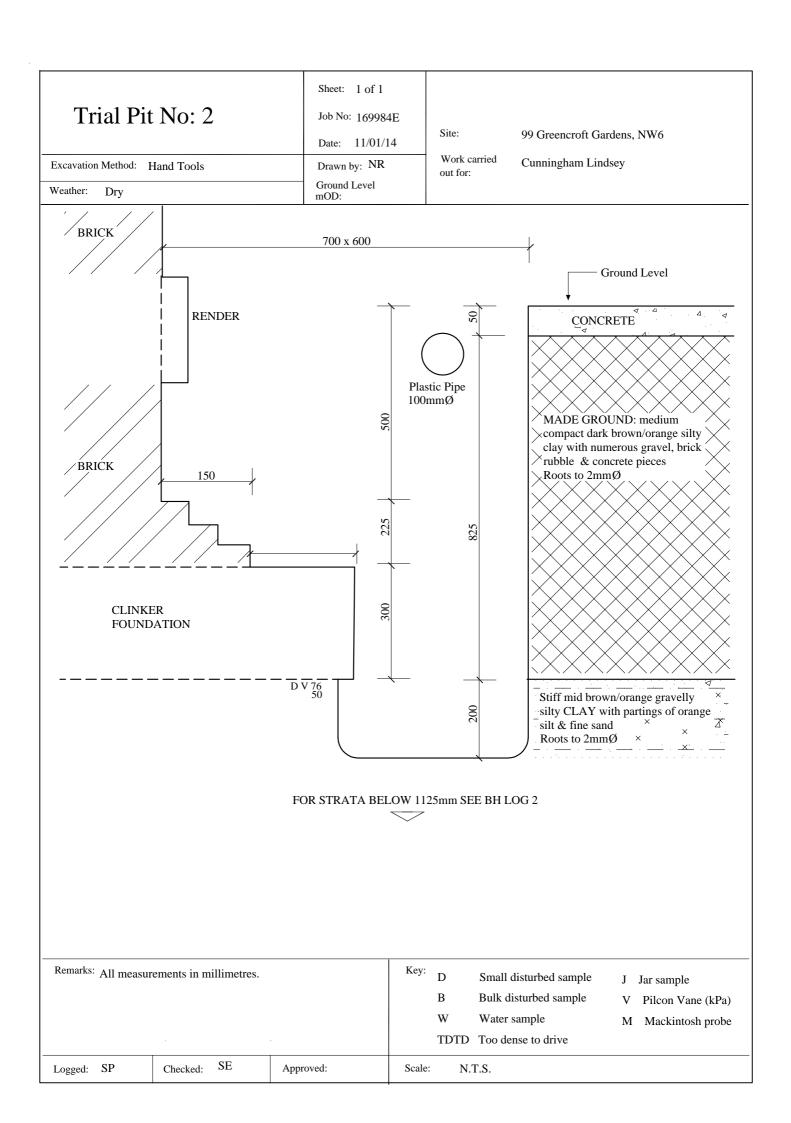




Home Emergency Response - Subsidence Investigation - Drainage Services - Crack & Level Monitoring - Property Video Surveys







Bor	ehole No:	1		Sheet:	1 of 1						
		& DATUM		Job No:	169984	4E	Site:			99 Greencroft Gardens, NW6	
Boring	Method:	CFA		Date:	11/01/2	2014					
Diamet	ter: 100mm	Coordinates:		Ground Level			Work Carried			Cunningham Lindsey	
Depth				mOD:	1		out for	:: Γest		Depth	
(m)	Е	Description of Strata		ness (m)	Legend	Sample		Result	Depth (m)	1 -	
	As Trial Pit 1			1.50						Roots to 1mm diameter to 3.0m	
	Firm mid brown CLAY with par sand	n/orange, gravelly si tings of orange silt o	lty & fine	0.20	o x o						
		orange grey veined tings of orange silt o		0.80	x x 	D	V	110 112	2.00		
2.50						D			2.50		
					x	D	V	130+ 130+	3.00	No roots observed below 3.0m	
	Stiff as above w	rith occasional crysta	als	3.50	x.	D			3.50		
					x	D	V	130+ 130+	4.00		
						D			4.50		
6.00					X x	D	V	130+ 130+	5.00		
3.00	BH ends	at 6.0m				1					
Remarks: BH dry & open on completion Datum installed at 6.0m no samples taken or strength tests carried out below 5.0m				insitu	1	В Вι	nall dis	D. Too I turbed san	mple	D Drive J Jar sample V Pilcon Vane (kPa) M Mackintosh Probe	
Logged:	SP	Checked: SE	Drawn by	NR		Scale:		NTS		Weather: Dry	

Bor	ehole No:	2			1 of 1 169984	1E	Site:			99 Greencroft Gardens, NW6
Boring	Method:	Hand Auger		Date:	11/01/2	2014				
Diamet		Coordinates:		Ground Level mOD:			Work Carried out for:			Cunningham Lindsey
Depth (m)				Thick- ness (m)	Legend	Sample	-	Гest Result	Depth (m)	Field Records/Comments Depth to water (m)
	As Trial Pit 2			1.125						Roots to 1mm diameter to 2.2m
1.50	CLAY with par sand Stiff mid brown CLAY with par	/orange, gravelly si tings of orange silt /orange, grey veine tings of orange silt ional fine gravel &	& fine d silty & fine	0.375	0 x 0 x	D	V	90 80	1.50	
2.00	said with occus	ional fine graver &	Crystals		x x	D	V	100 100	2.00	No roots observed below 2.2m
		/orange, grey veine tings of orange silt nal crystal		3.00	x	D	V	130+ 130+ 130+ 130+	3.00	
		·			x	D	V	130+ 130+	3.50	
						D	V	130+ 130+	4.00	
					x x 	D	V	130+ 130+	4.50	
5.00	BH ends	at 5.0m				D	V	130+ 130+	5.00	
Remarks: BH dry & open on completion						В Вυ	nall dis ılk distı	D. Too I turbed san	mple	D Drive J Jar sample V Pilcon Vane (kPa) M Mackintosh Probe
Logged: SP Checked: SE Drawn by NR Scale: NTS Weather: Dry										

Our Ref: 169984

Laboratory Testing Results

Location: 99. Greencroft Gardens, MW6 Work carried

out for:

Date Received: 13/01/2014 Cunningham Lindsey - Maidstone Date Tested: 13/01/2014 Date of Report: 22/01/2014

TP/BH	ample Ref Depth	Type	Moisture Content	Soil Fraction	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Modified Plasticity	Soil Class	Filter Paper Contact	Soil Sample	In situ Shear Vane	Organic Content	pH Value	Sulphate (g		Class
No	(m)	Туре	Content	> 0.425mm	Limit	Limit	maex	index	Index	Class	Time	Suction	Strength	Content	value	so ₃	so ₄	Class
	` ′		(%)[1]	(%)[2]	(%)[3]	(%)[4]	(%)[5]	[5]	(%)[6]	[7]	(h) [8]	(kPa)	(kPa) [9]	(%)[10]	[11]	[12]	[13]	[14]
1	1.30(U/S)	D	25	18	64	28	36	-0.10	29	СН	168	40						
	2.0	D	28	<5	70	25	45	0.05	45	CV	168	222	111					
	2.5	D	27	<5														
	3.0	D	29	<5	70	24	46	0.10	46	CV	168	162	> 130					
	3.5	D	30	<5														
	4.0	D	32	<5							168	162	> 130					
	4.5	D	30	<5														
	5.0	D	31	<5							168	174	> 130					

Test Methods / Notes

[1] BS 1377 : Part 2 : 1990, Test No 3.2

[2] Estimated if <5%, otherwise measured

[3] BS 1377: Part 2: 1990, Test No 4.4

[4] BS 1377: Part 2: 1990, Test No 5.3

[5] BS 1377: Part 2: 1990, Test No 5.4

[6] BRE Digest 240: 1993

[7] BS $5930:1981:Figure\,31$ - Plasticity Chart for the classification

[8] In-house method S9a adapted from BRE IP 4/93

[9] Values of shear strength were determined in situ by CET using

a Pilcon hand vane or Geonor vane (GV).

[10] BS 1377: Part 3: 1990, Test No 4

[11] BS 1377 : Part 2 : 1990, Test No 9

[12] BS 1377: Part 3: 1990, Test No 5.6

[13] $SO_4 = 1.2 \times SO_3$

[14] BRE Special Digest One (Concrete in Aggressive Ground) August 2005

Note that if the SO₄ content falls into the DS-4 or DS-5 class, it would be prudent to consider the sample as falling into the DS-4m or DS-5m class respectively unless water soluble magnesium testing is undertaken to prove otherwise

Kev

D Disturbed sample (small) В Disturbed sample (bulk) Undisturbed sample U W

Groundwater sample

Essentially Non-Plastic by inspection ENP

Date Sampled:

11/01/2014

U/S Underside of Foundation Our Ref: 169984

Laboratory Testing Results

Location: 99, Greencroft Gardens, MW6 Cunningham Lindsey - Maidstone Work carried

out for:

Date Received: 13/01/2014 Date Tested: 13/01/2014 Date of Report: 22/01/2014

11/01/2014

Date Sampled:

S	Sample Ref.		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity	Modified	Soil	Filter Paper	Soil	In situ	Organic	pН	Sulphate	Content	
TP/BH	Depth	Type	Content	Fraction	Limit	Limit	Index	Index	Plasticity	Class	Contact	Sample	Shear Vane	Content	Value	(g		Class
No.	(m)		(%)[1]	> 0.425mm (%) [2]	(%)[3]	(%)[4]	(%)[5]	[5]	Index (%)[6]	[7]	Time (h) [8]	Suction (kPa)	Strength (kPa) [9]	(%)[10]	[11]	so ₃ [12]	so ₄ [13]	[14]
2	0.93(U/S)	D	23	32	74	26	48	-0.05	32	CV	168	76	78					
	1.5	D	27	26	68	27	42	0.00	31	СН	168	36	85					
	2.0	D	29	<5									100					
	2.5	D	29	<5	66	25	40	0.10	40	СН	168	132	> 130					
	3.0	D	33	<5									> 130					
	3.5	D	33	<5	76	29	47	0.09	47	CV	168	124	> 130					
	4.0	D	32	<5									> 130					
	4.5	D	32	<5							168	165	> 130					
	5.0	D	31	<5							168	225	> 130					

Test Methods / Notes

- [1] BS 1377 : Part 2 : 1990, Test No 3.2
- [2] Estimated if <5%, otherwise measured
- [3] BS 1377: Part 2: 1990, Test No 4.4
- [4] BS 1377: Part 2: 1990, Test No 5.3
- [5] BS 1377: Part 2: 1990, Test No 5.4 [6] BRE Digest 240: 1993
- [7] BS 5930 : 1981 : Figure 31 Plasticity Chart for the classification
- of fine soils [8] In-house method S9a adapted from BRE IP 4/93

- [9] Values of shear strength were determined in situ by CET using
- a Pilcon hand vane or Geonor vane (GV).
- [10] BS 1377: Part 3: 1990, Test No 4
- [11] BS 1377 : Part 2 : 1990, Test No 9
- [12] BS 1377: Part 3: 1990, Test No 5.6
- [13] $SO_4 = 1.2 \times SO_3$
- [14] BRE Special Digest One (Concrete in Aggressive Ground) August 2005

Note that if the SO₄ content falls into the DS-4 or DS-5 class, it would be prudent to consider the sample as falling into the DS-4m or DS-5m class respectively unless water soluble magnesium testing is undertaken to prove otherwise Kev

D Disturbed sample (small) В Disturbed sample (bulk) U Undisturbed sample

Groundwater sample

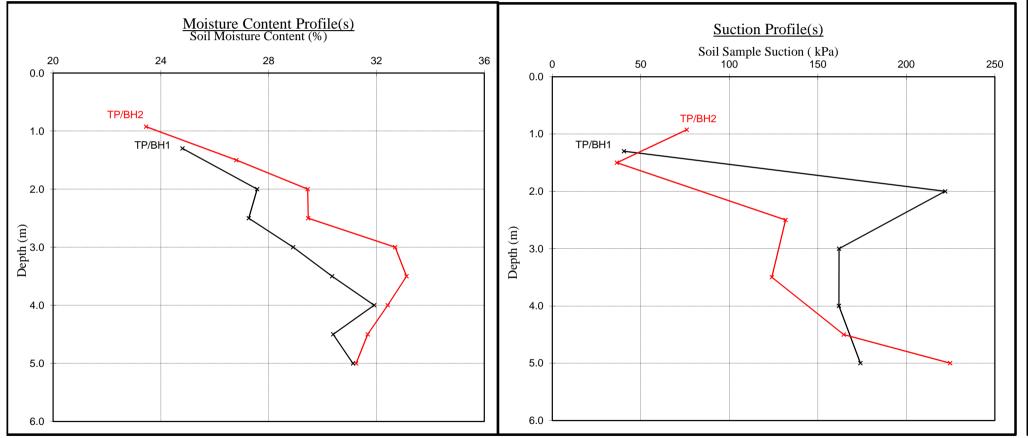
ENP Essentially Non-Plastic by inspection

U/S Underside of Foundation Moisture Content and Suction Profiles

Location: 99, Greencroft Gardens, MW6 Date Received: 13/01/2014

Work carried Cunningham Lindsey - Maidstone Note: Unless specifically noted the profiles have not been Date Tested: 13/01/2014

out for: Pate of Report : 22/01/2014



Notes

Our Ref:

169984

1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clays) at shallow depths.

Note

When shown, the theoretical equilibrium suction profiles are based on conventional assumptions associated with London Clay (and similarly overconsolidated clays) at shallow depths. Note that the sample disturbance component is dependant on the method of sampling and any subsequent recompaction. The above plots show this to be 100kPa which is the value suggested by the BRE on the basis of their limited number of tests on recompacted samples. This may or may not be appropriate in this instance and judgement should be exercised.

Date Sampled:

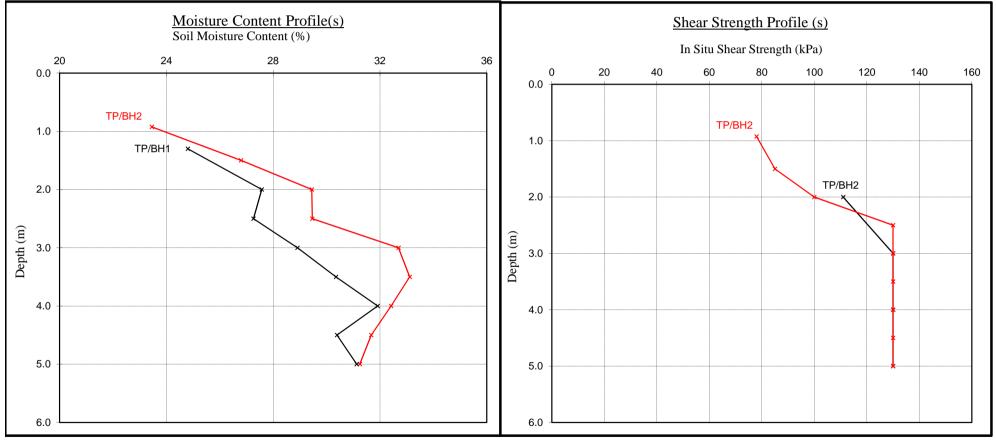
11/01/2014

Our Ref: 169984 Moisture Content and Shear Strength Profiles Date Sampled:

Location: 99, Greencroft Gardens, MW6 Date Received: 13/01/2014

Work carried Cunningham Lindsey - Maidstone Note: Unless specifically noted the profiles have not been Date Tested: 13/01/2014

out for: related to a site datum. Date of Report: 22/01/2014



Notes

 $1.\ \ If\ plotted,\ 0.4\ LL\ and\ PL+2\ (\ after\ Driscoll,\ 1983\)\ should\ only\ be\ applied\ to\ London\ Clay$ (and similarly overconsolidated clays) at shallow depths.

Note

Unless otherwise stated, values of Shear Strength were determined in situ by CET using a Pilcon Hand Vane the calibration of which is limited to a maximum reading of 130 kPa.

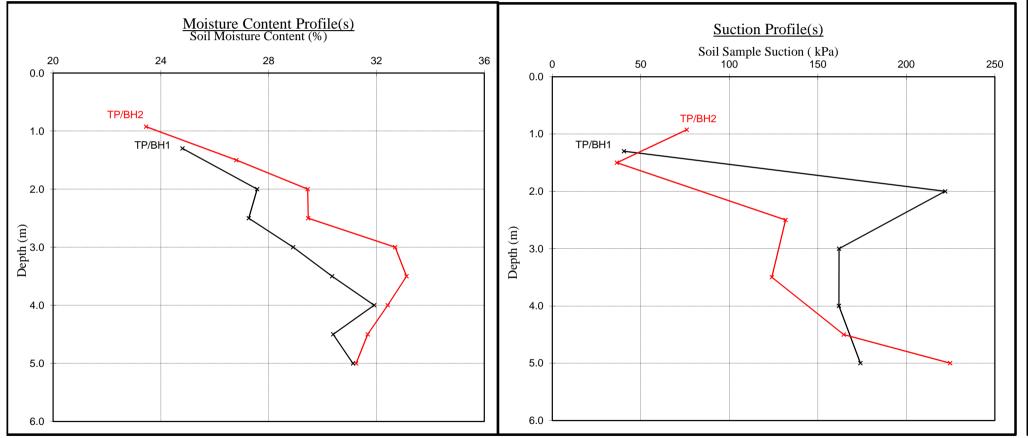
11/01/2014

Moisture Content and Suction Profiles

Location: 99, Greencroft Gardens, MW6 Date Received: 13/01/2014

Work carried Cunningham Lindsey - Maidstone Note: Unless specifically noted the profiles have not been Date Tested: 13/01/2014

out for: Pate of Report : 22/01/2014



Notes

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When shown, the theoretical equilibrium suction profiles are based on conventional assumptions associated with London Clay (and similarly overconsolidated clays) at shallow depths. Note that the sample disturbance component is dependant on the method of sampling and any subsequent recompaction. The above plots show this to be 100kPa which is the value suggested by the BRE on the basis of their limited number of tests on recompacted samples. This may or may not be appropriate in this instance and judgement should be exercised.

Date Sampled:

11/01/2014

EPSL

European Plant Science Laboratory

Sheet: 1 of 1

169984 Job No: Date:

Order No: 509375

16/01/2014 Work carried

Site:

out for: **Cunningham Lindsey**

99 Greencroft Gardens, London,

EPSL Ref: **R4399**

Certificate of Analysis

The following work was commissioned by CET on behalf of their client. Root samples were obtained in sealed packets from the above site with no reference given as to the types of tree or shrub from which they may have originated. The results were as follows -

Trial pit/ Borehole <u>number</u>	Root diameter (<u>mm</u>)	Tree, shrub or climber from which root originates	Result of starch test
TP1 (USF)	1 mm	Tilia spp. 2 roots	Positive
BH1 (to 3m)	<1 mm	Tilia spp. *	Negative
TP2 (USF)	1.5 mm	Platanus spp. 2 roots	Positive
BH2 (to 2.2m)	<1 mm	probably Populus spp. but possibly Salix spp. ** 3 roots	Negative

^{*} Plus 1 other too decayed for identification.

Tilia spp. are limes.

Platanus spp. include London plane and Oriental plane. Populus spp. are poplars and aspen; Salix spp. are willows.

MDM

Address for correspondence: EPSL, Intec, Parc Menai, Bangor, Gwynedd, North Wales, LL57 4FG

Telephone: 01248 672 652

e-mail: lab@marishalthompson.co.uk

Head of Laboratory Services: M.D. Mitchell B.Sc. (Hons), M.Phil. Plant Anatomist: Dr G S Turner B.Sc. (Hons), M.Sc., Ph.D Consultant: Dr M P Denne B.Sc. (Hons), M.Sc., Ph.D

Registered in England. No 295427, Registered Office: 6G Greensfield Court, Alnwick, Northumberland, NE66 2DE

^{**} All in a state of decay.

To: Cunningham Lindsey - Maidstone

4 North Court

South Park Business Village

Armstrong Road

ME15 6JZ

Kent

169984 Our Ref:

7498207 Your Ref:

Date: 13-Jan-14

Ftao: Yiu-Shan Wong

ESTIMATE

Site:-

99 Greencroft Gardens, London

No recommendations required to the private drainage surveyed.

Amount

Notes

Repairs to shared runs and off boundary pipe-work may be the responsibility of the water authority.

Total

£0.00

Condition Grade

A - Structurally sound with no leakage evident.

B - Cracks and fractures observed.

C - Structurally unsound

plus VAT @20% Total + VAT

£0.00

£0.00

Sheet: 1 of 5

Job No: 169984

Date: 11-Jan-14

Site: 99 Greencroft Gardens, London

0))01

Work carried Cunningham Lindsey - Maidstone

out for:

MANHOLE DETAILS

Manhole	Depth to Invert	Condition	
MH1	350mm	As built	
MH2	775mm	As built	
MH3	1000mm	As built	
MH4	1250mm	As built	
MH5	850mm	As built	
MH6	3200mm	Poor	

CCTV Survey:-

1. Drainage Run:

From manhole 1 run 1 to rain water gully 1 - 100mm clay surface water - Upstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Raised concrete slab patio
0.1	MC	Lined	
4.4	FH	Reached RWG1	

2 Drainage Run:

From manhole 1 run 2 to soil vent pipe 1 - 100mm plastic foul water - Upstream (not shared)

Surface Material/

Metres:	Code:	Observations:	Condition:
0.0		Start	Concrete
1.9	LU		
2.1	FH	Reached SVP	

Water Test Grade:

2 - Medium Loss over 2 minutes

0 - Unable to fill 3 - Slow Loss over 5 minutes

1 - Heavy Loss 4 - No Loss

Sheet: 2 of 5

Job No: 169984

Date: 11-Jan-04

99 Greencroft Gardens, London Site:

Work carried Cunningham Lindsey - Maidstone

out for:

3 Drainage Run:

From manhole 1 run 3 to rain water waste gully 1 - 100mm plastic combined - Upstream (not shared)

Surface Material/

Metres:	Code:	Observations:	Condition:
0.0		Start	Concrete
0.2	LR	Slight	
1.2	LR		
1.8	DE	20%	
2.6	LL		
2.9	FH	Reached RWWG1	

Drainage Run:

From manhole 1 run 4 to manhole 2 - 100mm clay combined - Downstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.1	MC	Cast iron	
2.0			Under house
5.5			Concrete
5.7	FH	Reached MH2	

Drainage Run:

From manhole 5 run 5 to soil vent pipe 2 - 100mm plastic foul water - Upstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.1	LU		
0.8	GO	Line levels out	
3.3	LU		
3.5	FH	Reached SVP2	

Water Test Grade:

- 2 Medium Loss over 2 minutes
- 0 Unable to fill 3 - Slow Loss over 5 minutes
- 1 Heavy Loss 4 - No Loss

Sheet: 3 of 5

Job No: 169984

11-Jan-14

Site: 99 Greencroft Gardens, London

Work carried Cunningham Lindsey - Maidstone

out for:

6 Drainage Run:

From manhole 2 run 6 to manhole 3 - 100mm liner combined - Downstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
2.0	WL	10%	
2.8	ESL	From 5 o'clock to 7 o'clock - 10%	
4.0	ESL	From 5 o'clock to 7 o'clock - 10%	
9.7	FH	Reached MH3	

7 Drainage Run:

From manhole 3 run 7 to soil vent pipe 3 - 100mm clay foul water - Upstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.2	LU		
0.6	FH	Reached SVP3	

8 Drainage Run:

From manhole 3 run 8 to manhole 4 - 100mm cast iron combined - Downstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
8.5	WL	10%	
10.0	DE	10%	
10.4	WL	25%	
11.0	WL	50%	
11.2	CU	Due to interceptor blocked in MH6	
11.8	FH	Reached MH4	

Water Test Grade:

- 2 Medium Loss over 2 minutes
- 0 Unable to fill 3 Slow Loss over 5 minutes
- 1 Heavy Loss 4 No Loss

Sheet: 4 of 5

Job No: 169984

Date: 11-Jan-14

Site: 99 Greencroft Gardens, London

Work carried Cunningham Lindsey - Maidstone

out for:

9 Drainage Run:

From manhole 4 run 9 to rain water gully 2 - 100mm clay surface water - Upstream (not shared)

Metres:	Code:	Observations:	Condition:
0.0		Start	Concrete
0.4	LU		
0.4	LL		
1.2	GO	Line levels out	
1.5	FH	Unable to push - too many bends	

10 Drainage Run:

From manhole 4 run 10 to manhole 5 - 100mm cast iron combined - Upstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.2			Topsoil
0.3	DE	20%	
1.0	DE	40%	Concrete
5.5	ESH	From 12 o'clock to 12 o'clock - 50%	
5.5	FH	Unable to push	
	GO	Survey completed on run 10	

11 Drainage Run:

From manhole 5 run 10 to manhole 4 - 100mm cast iron combined - Downstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.2			Concrete slabs
2.2			Concrete
6.0			Topsoil
6.2	ESM	30%	
7.0			Concrete
7.8	FH	Reached MH4	

Water Test Grade:

0 - Unable to fill

- 2 Medium Loss over 2 minutes
- 3 Slow Loss over 5 minutes
- 1 Heavy Loss 4 No Loss

Sheet: 5 of 5

Job No: 169984

11-Jan-14

Site: 99 Greencroft Gardens, London

Work carried Cunningham Lindsey - Maidstone

out for:

12 Drainage Run:

From manhole 5 run 11 to unknown - 100mm plastic foul water - Upstream (not shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
5.6	LU		
6.1	GO	Line levels out	
6.9	FH	Unable to push	

13 Drainage Run:

Break -in - waste gully 1 run 12 to manhole 5 - 100mm plastic foul water - Downstream (not shared)

Surface Material/

Metres:	Code:	Observations:	Condition:
0.0		Start	Concrete
1.0	LR		
1.5	FH	Reached MH5	

- END OF SURVEY -

Our assessment of the drainage system is based on our visual inspection and on information collated at the time of the survey. Where assumptions have been made these are based on our experience and do not constitute any form of guarantee, nor do we guarantee that further deterioration will not occur following this survey. CCTV video records will be stored for a period of 3 months from date of inspection and then destroyed.

Water Test Grade:

2 - Medium Loss over 2 minutes

0 - Unable to fill 3 - Slow Loss over 5 minutes

1 - Heavy Loss 4 - No Loss

Water Authority Sewer Condition Codes

В	Broken pipe at (or from to) o'clock	JN	Junction ato'clock, diametermm
BR	Branch Major	JX	Junction defective at o'clock, diameter mm
CC	Crack circumferential from to o'clock	LC	Lining of sewer changes/starts/finishes at this point
\mathbf{CL}	Crack longitudinal @ o'clock	LD	Line of sewer deviates down
CM	Cracks multiple from to o'clock	LL	Line of sewer deviates left
CN	Connection at o'clock, diameter mm	LN	Line defect at (or from to) o'clock
CNI	Connection at o'clock, diameter mm, intrusion mm	LR	Line of sewer deviates right
CU	Camera under water	LU	Line of sewer deviates up
CX	Connection defective at o'clock	MB	Missing bricks at (or from to) o'clock
CXI	Connection defective at o'clock, diameter mm,	MC	Material of sewer changes at this point
	intrusion mm	MH	Manhole/node
D	Deformed sewer %	MM	Mortar missing medium at (or from to) o'clock
DB	Displaced bricks at (or from to) o'clock	MS	Mortar missing surface at (or from to) o'clock
DC	Dimension of sewer changes at this point	MΓ	Mortar missing total at (or from to) o'clock
DE	Debris (non silt/grease) % cross-sectional loss	OB	Obstruction % height/diameter loss
DEG	Debris grease % cross-sectional area loss	OJL	Open joint large
DES	Debris silt % cross-sectional area loss	OJM	I Open joint medium
DI	Dropped invert, gap mm	PC	Length of pipe forming sewer changes at this point,
EHJ	Encrustation heavy from to o'clock % cross-sectional		new lengthmm
	area loss (at joint)	RFJ	Roots fine (at joint)
ELJ	Encrustation light from to o'clock%	RMJ	Roots mass % cross-sectional area loss (at joint)
EMJ	Encrustation medium from to o'clock $\%$, cross-sectional	RTJ	Roots tap (at joint)
	area loss (at joint)	SA	Survey abandoned
ESH	Scale heavy % cross-sectional area loss from to	SC	Shape of sewer changes at this point
	o'clock	SSL	Surface damage, spalling large at (or from to)
ESL	Scale light from to o'clock		o'clock
ESM	Scale medium % cross-sectional area loss from to o'clock	SSM	I Surface damage, spalling medium at (or from to) o'clock
FC	Fracture circumferential from to o'clock	SSS	Surface damage, spalling slight at (or from to)
FL	Fracture longitudinal at o'clock		o'clock
FM	Fractures multiple from to o'clock	SWI	Surface damage, wear large at (or from to)
GO	General observation at this point		o'clock
GP	General photograph number taken at this point	SWN	Surface damage, wear medium at (or from to)
Н	Hole in sewer at o'clock		o'clock
IJ	Infiltration dripper at (or from to) o'clock (at joint)	SWS	Surface damage, wear slight at (or from to)
IGJ	Infiltration gusher at (or from to) o'clock (at joint)		o'clock
IRJ	Infiltration runner at (or from to) o'clock (at joint)	\mathbf{V}	Vermin (rats and mice)
ISJ	Infiltration seeper at (or from to) o'clock (at joint)	\mathbf{WL}	Water level % height/diameter
JDM	Joint displaced medium	X	Sewer collapsed % cross-sectional area loss
JDL	Joint displaced large	FH	End of survey
	-		-

Contract: 169984 Site Address: 99 Greencroft Gardens, London	Date: 11-Jan-14 Operative Initial: MD Page: 1 of 2
M/H: 1 Depth: 350mm 2 3 Chamber Dimension (mm):	Depths of run if different to invert level:- Run Manhole Condition As built
M/H: 2 Depth: 775mm 5 4 Chamber Dimension (mm):	Depths of run if different to invert level:- Run 5 500mm Manhole Condition As built
M/H: 3 Depth: 1000mm 6 7 Chamber Dimension (mm):	Depths of run if different to invert level:- Run Manhole Condition As built
Internal Back Drop External Back Drop Interceptor	Water Pressure Test Results From: To: Pass / Fail

Contract: 169984 Site Address: 99 Greencroft Gardens, London	Date: 13-Jan-14 Operative Initial: MD Page: 2 of 2
M/H: 4 Depth: 1250mm 8 9 10	Depths of run if different to invert level:- Run Manhole Condition As built
Chamber Dimension (mm): M/H: 5 Depth: 850mm 11 12 7 Chamber Dimension (mm):	Depths of run if different to invert level:- Run 11 300mm 12 500mm
M/H: 6 Depth: 3200mm 13 Chamber Dimension (mm):	Depths of run if different to invert level:- Run Manhole Condition Poor Blocked at interceptor
Internal Back Drop External Back Drop Interceptor	Water Pressure Test Results From: To: Pass / Fail