

K SOILS

Unconsolidated Undrained Triaxial Compression tests without measurement of pore pressure Summary of Results

Tests carried out in accordance with BS1377:Part 7: 1990 clause 8 or 9 as appropriate to test

Job No.			Project Name						Programme Samples received 07/12/2017								
23871			Glenilla Road											07/12/2017 04/01/2018			
Project No	0.												05/01/2018				
J17299			GEA									sting S			16/01/2018		
	1	Sar	nple				Dor	nsity		I				At fail			
Hole No.	_ ·			_	Sail Description	Test Type		1	w	Length	Diameter	σ3	Axial			М	Remarks
noie ivo.	Ref	Тор	Base	т уре	Soil Description	,,	bulk	dry					Suain	σ1 - σ		o d	Remarks
		m	m	Mg/m3 % mm mm kPa				kPa	%	kPa	kPa	е					
BH1	-	2.00	2.45	U	Medium strength greenish brown slightly mottled bluish grey silty CLAY	UU	1.95	1.51	29	205	105	40	11	101	51	С	
BH1	-	4.00	4.45	U	High strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals	UU	1.93	1.45	33	205	105	80	8.8	183	91	В	
BH1	-	6.50	6.95	U	Medium strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals	UU	1.91	1.44	33	205	105	130	10	146	73	С	
BH1	-	9.50	9.95	U	High strength fissured dark brown and brown silty CLAY	UU	1.95	1.51	29	205	105	190	6.3	276	138	В	
BH1	-	12.50	12.95	U	Very high strength slightly fissured dark grey silty CLAY	UU	2.00	1.56	28	205	105	250	9.3	321	161	В	
BH1	-	15.50	15.95	U	Very high strength slightly fissured dark grey silty CLAY	UU	1.97	1.51	30	205	105	310	6.8	302	151	В	
BH1	-	18.50	18.95	U	High strength slightly fissured dark grey silty CLAY	UU	1.99	1.54	29	205	105	370	3.4	267	134	В	
-	UUM	- Multist	-	on a s	• .	σ3 σ1 - σ3 cu	Maxir	oressure	rrected		r stress ½ (σ1 - σ		of failur	re ;	B - E P - F	Plasti	

suffix R - remoulded or recompacted

C - Compound



Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU
Tel: 01923 711 288
Email: james@k4soils.com

Initials: J.P

Checked and Approved

Date:

18/01/2018

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

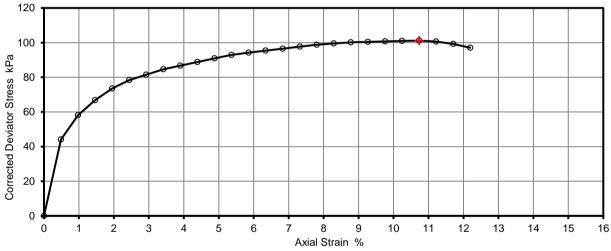
MSF-5-R7b

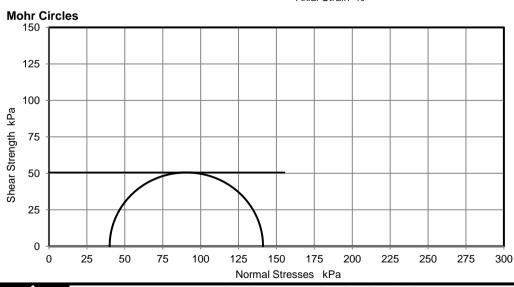
14	Unconsolidated		Triaxial measurement of	Job Ref	23871	•
SOILS	pore pressure -			Borehole/Pit No.	BH1 - 2.00 2.45 U 07/12/2017	
Site Name	Glenilla Road			Sample No.	-	
Project No.	J17299	Client	GEA	Depth Top	2.00	m
Soil Description				Depth Base	2.45	m
	Medium strength g	reenish brown sl	Sample Type	U		
		silty CLAY	Samples received	07/12/2017		
				Schedules received	04/01/2018	
Test Method BS1377 : Part 7 : 1990, clause 8, single specimen			gle specimen	Date of test	16/01/2018	

Remarks		

* I	
<u> </u>	
E .	
ιχ.	
<u>.</u>	
₹	
Position within sample	
ţ)	
isc	
<u>~</u>	

Test Number	1	
Length	205.0	mm
Diameter	105.0	mm
Bulk Density	1.95	Mg/m3
Moisture Content	29	%
Dry Density	1.51	Mg/m3
Rate of Strain	2.0	%/min
Cell Pressure	40	kPa
Axial Strain	10.7	%
Deviator Stress, (σ1 - σ3)f	101	kPa
Undrained Shear Strength, cu	51	kPa ½(σ1 - σ3)f
Mode of Failure	Compound	





Deviator stress corrected for area change and membrane effects

Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.



Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU
Tel: 01923 711 288

Email: James@k4soils.com

Checked and Approved Initials: J.P

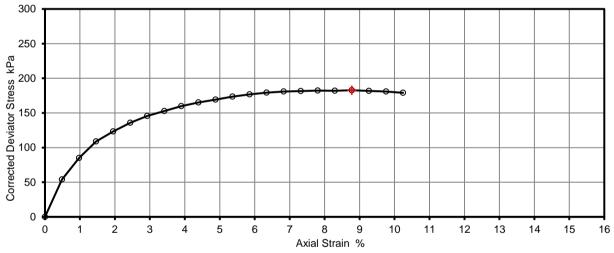
Date 18/01/2018

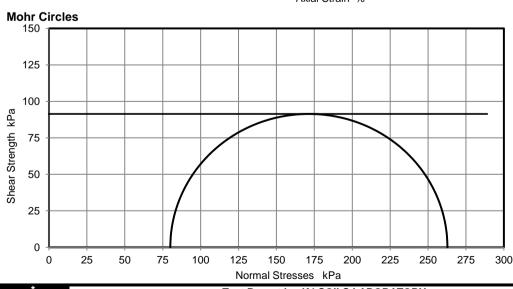
MSF-5 R7

4	Unconsolidated		Triaxial measurement of	Job Ref	23871	
SOILS	pore pressure -			Borehole/Pit No.	BH1 - 4.00 m	
Site Name	Glenilla Road		Sample No.	-		
Project No.	ct No. J17299 Client GEA Depth Top				4.00	m
			Depth Base	4.45	m	
Soil Description	High strength fissur	ed brown slightl	Sample Type	Sample Type U		
	CLAY with scattered selenite crystals			Samples received	07/12/2017	
			Schedules received	04/01/2018		
Test Method BS1377: Part 7: 1990, clause 8, single specimen			gle specimen	Date of test	16/01/2018	

ble	ĺ
Position within sample	
within	
ition	
Posi	

Test Number	1	
Length	205.0	mm
Diameter	105.0	mm
Bulk Density	1.93	Mg/m3
Moisture Content	33	%
Dry Density	1.45	Mg/m3
Rate of Strain	2.0	%/min
Cell Pressure	80	kPa
Axial Strain	8.8	%
Deviator Stress, (σ1 - σ3)f	183	kPa
Undrained Shear Strength, cu	91	kPa ½(σ1 - σ3)f
Mode of Failure	Brittle	





Deviator stress corrected for area change and membrane effects

Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.



Test Report by K4 SOILS LABORATORY **Unit 8 Olds Close Olds Approach** Watford Herts WD18 9RU Tel: 01923 711 288

Email: James@k4soils.com

Initials:

Approved J.P

Checked and

18/01/2018 Date MSF-5 R7

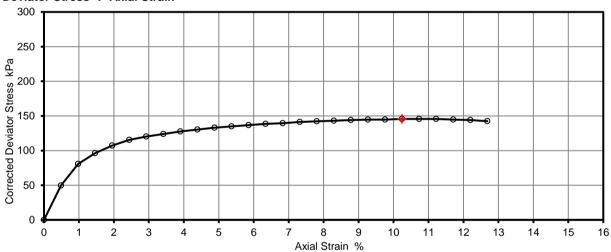
Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

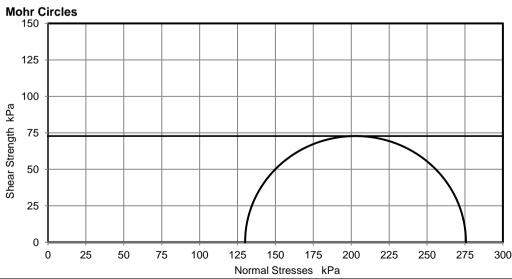
	Soil Description Depth Top Depth Base Depth Base	1	Unconsolidated			Job Ref	23871	
Project No. J17299 Client GEA Depth Top 6.50 m Soil Description Medium strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals Depth Base 6.95 m Sample Type U Samples received 07/12/2017 Schedules received 04/01/2018	Project No. J17299 Client GEA Depth Top 6.50 Soil Description Medium strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals Test Method BS1377 : Part 7 : 1990, clause 8, single specimen Date of test 16/01/2018 Test Number 1	SOILS	•			Borehole/Pit No.	BH1	
Soil Description Medium strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals Depth Base 6.95 m Sample Type U Samples received 07/12/2017 Schedules received 04/01/2018	Soil Description Medium strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals Test Method BS1377 : Part 7 : 1990, clause 8, single specimen Test Number Depth Base 6.95 Sample Type U Samples received 07/12/2017 Schedules received 04/01/2018	Site Name	Glenilla Road			Sample No.	-	
Soil Description Medium strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals Sample Type U Samples received 07/12/2017 Schedules received 04/01/2018	Soil Description Medium strength fissured brown slightly mottled bluish grey silty CLAY with scattered selenite crystals Samples received Samples received O7/12/2017 Schedules received O4/01/2018 Test Method BS1377: Part 7: 1990, clause 8, single specimen Date of test Test Number 1	Project No.	J17299	Client	GEA	Depth Top	6.50	m
Soil Description Medium strength fissured brown slightly mottled bluish grey slity Samples received O7/12/2017	Soil Description Medium strength fissured brown slightly mottled bluish grey slity Samples received O7/12/2017	Soil Description			Depth Base	6.95	m	
Samples received 07/12/2017 Schedules received 04/01/2018	CLAY with scattered selenite crystals Samples received 07/12/2017 Schedules received 04/01/2018 Test Method BS1377 : Part 7 : 1990, clause 8, single specimen Date of test 16/01/2018 Clemarks Test Number 1		Medium strength fiss	ured brown sligh	Sample Type	U		
	Test Method BS1377 : Part 7 : 1990, clause 8, single specimen Date of test 16/01/2018 Test Number 1		CLAY w	vith scattered se	Samples received	07/12/2017		
Test Method BS1377: Part 7: 1990, clause 8, single specimen Date of test 16/01/2018	Remarks Test Number 1					Schedules received	04/01/2018	BH1 - 6.50 m 6.95 m U 07/12/2017 04/01/2018 16/01/2018
		Test Method	BS1377 : Part 7 : 199	00, clause 8, sin	gle specimen	Date of test	16/01/2018	
	Longin 200.0 Illin			Length		205.0	mm	

Remarks			

ple	I
sample	
Position within	
on v	ļ
ositi	
Δ.	l

Test Number	1	
Length	205.0	mm
Diameter	105.0	mm
Bulk Density	1.91	Mg/m3
Moisture Content	33	%
Dry Density	1.44	Mg/m3
Rate of Strain	4.0	%/min
Cell Pressure	130	kPa
Axial Strain	10.2	%
Deviator Stress, (σ1 - σ3)f	146	kPa
Undrained Shear Strength, cu	73	kPa ½(σ1 - σ3)t
Mode of Failure	Compound	





Deviator stress corrected for area change and membrane effects

Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.



Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU
Tel: 01923 711 288

Tel: 01923 711 288
Email: James@k4soils.com

Approved Initials: J.P

Checked and

Date

18/01/2018

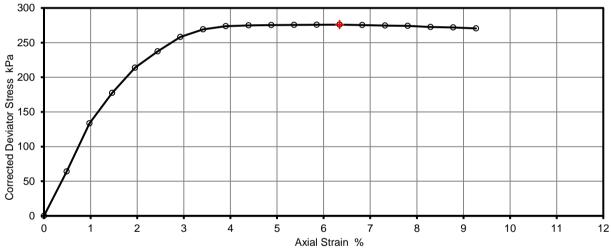
MSF-5 R7

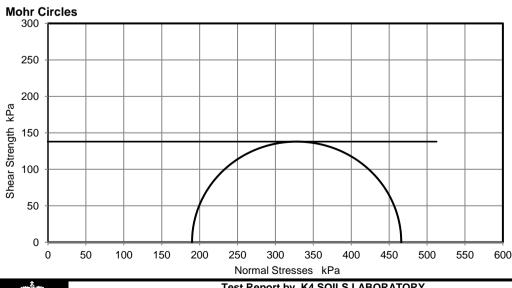
4	Unconsolidated Undrained Triaxial Compression Test without measurement of		Job Ref	23871		
SOILS	•	pore pressure - single specimen		Borehole/Pit No.	BH1	
Site Name	Glenilla Road			Sample No.	-	
Project No.	J17299	Client	GEA	Depth Top	9.50	m
				Depth Base	9.95	m
Cail Deparintion	Lligh atropath fine			Sample Type	U	
Soil Description	High strength fissured dark brown and brown silty CLAY		Samples received	07/12/2017		
			Schedules received	04/01/2018		
Test Method	BS1377 : Part 7 : 199	00, clause 8, sing	gle specimen	Date of test	16/01/2018	

Remarks		

Position within sample	
am	ĺ
S	
큹	
⋛	
o	ŀ
siti	
Ъ	
	ı

Test Number	1	
Length	205.0	mm
Diameter	105.0	mm
Bulk Density	1.95	Mg/m3
Moisture Content	29	%
Dry Density	1.51	Mg/m3
Rate of Strain	2.0	%/min
Cell Pressure	190	kPa
Axial Strain	6.3	%
Deviator Stress, (σ1 - σ3)f	276	kPa
Undrained Shear Strength, cu	138	kPa ½(σ1 - σ3)f
Mode of Failure	Brittle	





Deviator stress corrected for area change and membrane effects

Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.



Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU
Tel: 01923 711 288

Tel: 01923 711 288
Email: James@k4soils.com

Date 18/01/2018

Initials:

Checked and

Approved

J.P

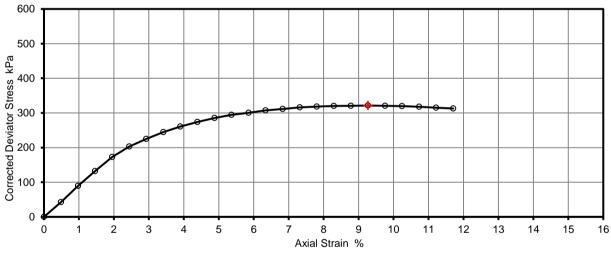
MSF-5 R7

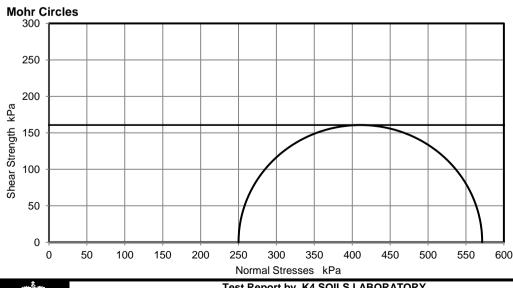
4	Unconsolidated Undrained Triaxial Compression Test without measurement of		Job Ref	23871		
SOILS	•	pore pressure - single specimen		Borehole/Pit No.	BH1	
Site Name	Glenilla Road		Sample No.	-		
Project No.	J17299	Client	GEA	Depth Top	12.50	m
			Depth Base	12.95	m	
Soil Description			Sample Type	U		
Soil Description	very night strengt	Very high strength slightly fissured dark grey silty CLAY		Samples received	07/12/2017	
			Schedules received	04/01/2018		
Test Method	BS1377 : Part 7 : 199	BS1377 : Part 7 : 1990, clause 8, single specimen		Date of test	16/01/2018	

Remarks			

ple	Ī
Position within sample	
ithin	
N N	
ositic	
ď	l

Test Number	1	
rest Number	'	
Length	205.0	mm
Diameter	105.0	mm
Bulk Density	2.00	Mg/m3
Moisture Content	28	%
Dry Density	1.56	Mg/m3
Rate of Strain	2.0	%/min
Cell Pressure	250	kPa
Axial Strain	9.3	%
Deviator Stress, (σ1 - σ3)f	321	kPa
Undrained Shear Strength, cu	161	kPa ½(σ1 - σ3)f
Mode of Failure	Brittle	





Deviator stress corrected for area change and membrane effects

Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.



Test Report by K4 SOILS LABORATORY **Unit 8 Olds Close Olds Approach** Watford Herts WD18 9RU Tel: 01923 711 288

Email: James@k4soils.com

Approved J.P Initials:

18/01/2018 Date MSF-5 R7

Checked and

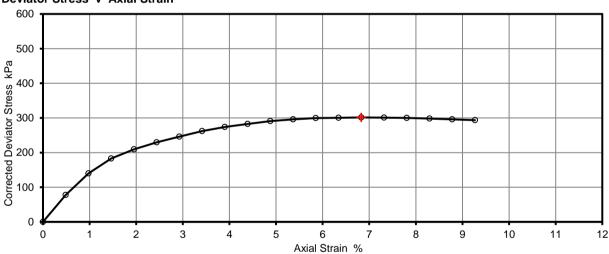
Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

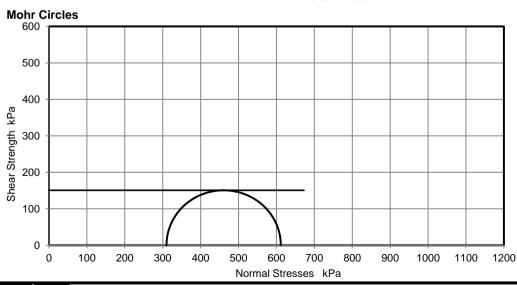
14	Unconsolidated Undrained Triaxial Compression Test without measurement of		Job Ref	23871		
SOILS	pore pressure -			Borehole/Pit No.	BH1	
Site Name	Glenilla Road			Sample No.	-	
Project No.	J17299	Client	GEA	Depth Top	15.50	m
					15.95	m
	Manufacture at a second				U	
Soil Description	very nigh streng	ith slightly fissure	ed dark grey silty CLAY	Samples received	07/12/2017	
				Schedules received	04/01/2018	
Test Method	BS1377 : Part 7 : 19	90, clause 8, sin	gle specimen	Date of test	16/01/2018	
Remarks		Test Number		<u> </u>	1	
· · · · · · · · · · · · · · · · · · ·		Length		205.0	mm	
		Diameter		105.0	mm	
		Bulk Density		1.97	Mg/m3	

Remarks		

(I)	,
βl	
san	
in 8	
/ith	
N N	
Position within sample	
os	
ш	l

Test Number	1	
Length	205.0	mm
Diameter	105.0	mm
Bulk Density	1.97	Mg/m3
Moisture Content	30	%
Dry Density	1.51	Mg/m3
Rate of Strain	2.0	%/min
Cell Pressure	310	kPa
Axial Strain	6.8	%
Deviator Stress, (σ1 - σ3)f	302	kPa
Undrained Shear Strength, cu	151	kPa ½(σ1 - σ3)f
Mode of Failure	Brittle	





Deviator stress corrected for area change and membrane effects

Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.



Test Report by K4 SOILS LABORATORY **Unit 8 Olds Close Olds Approach** Watford Herts WD18 9RU Tel: 01923 711 288

Email: James@k4soils.com

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

Checked and **Approved**

J.P Initials:

18/01/2018

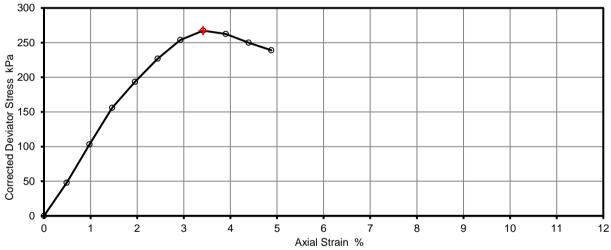
MSF-5 R7

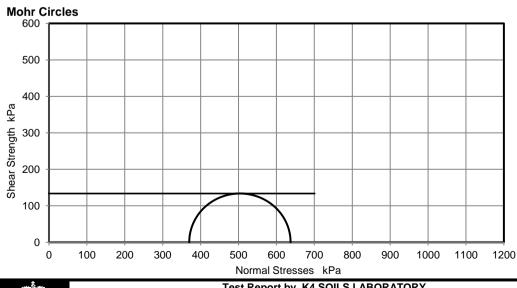
pore pressure - single specimen Borehole/Pit No. BH1 Site Name Glenilla Road Sample No. - Project No. J17299 Client GEA Depth Top 18.50 m	1	Unconsolidated Undrained Triaxial Compression Test without measurement of		Job Ref	23871		
Project No. J17299 Client GEA Depth Top 18.50 m Soil Description High strength slightly fissured dark grey silty CLAY Sample Type U Samples received 07/12/2017 Schedules received 04/01/2018	SOILS				Borehole/Pit No.	BH1	
Soil Description High strength slightly fissured dark grey silty CLAY Sample Type U Samples received 07/12/2017 Schedules received 04/01/2018	Site Name	Glenilla Road	enilla Road			-	
Soil Description High strength slightly fissured dark grey silty CLAY Samples received 07/12/2017 Schedules received 04/01/2018	Project No.	J17299	Client	GEA	Depth Top	18.50	m
Soil Description High strength slightly fissured dark grey silty CLAY Samples received 07/12/2017 Schedules received 04/01/2018						18.95	m
Samples received 07/12/2017	Cail Departmen	cription High strength slightly fissured dark grey silty CLAY			Sample Type	U	
	Soil Description				Samples received	07/12/2017	
Test Method BS1377 : Part 7 : 1990, clause 8, single specimen Date of test 16/01/2018					Schedules received	04/01/2018	
	Test Method	BS1377 : Part 7 : 199	00, clause 8, sin	gle specimen	Date of test	16/01/2018	
	Remarks		Test Number		205.0		

Remarks		

Jple	
san	
within	
_	l
Position within sample	

Test Number	1	
Length	205.0	mm
Diameter	105.0	mm
Bulk Density	1.99	Mg/m3
Moisture Content	29	%
Dry Density	1.54	Mg/m3
Rate of Strain	2.0	%/min
Cell Pressure	370	kPa
Axial Strain	3.4	%
Deviator Stress, (σ1 - σ3)f	267	kPa
Undrained Shear Strength, cu	134	kPa ½(σ1 - σ3)f
Mode of Failure	Brittle	





Deviator stress corrected for area change and membrane effects

Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.



Test Report by K4 SOILS LABORATORY **Unit 8 Olds Close Olds Approach** Watford Herts WD18 9RU Tel: 01923 711 288

Email: James@k4soils.com

Date

Initials:

18/01/2018

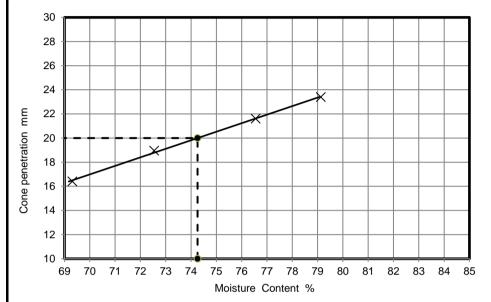
Checked and

Approved

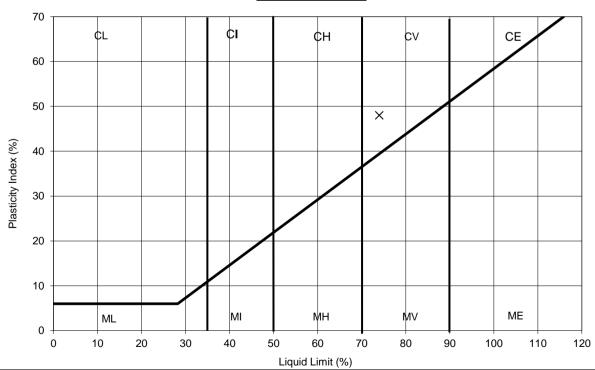
J.P

MSF-5 R7

(K	LIQUID LIMIT,		IT AND PLASTICITY	Job No.	23871	
SOILS		INDEX		Borehole/Pit No.	BH1	
Site Name	Glenilla Road	Glenilla Road			-	
Project No.	J17299 Client GEA		Depth Top	2.00	m	
			Depth Base	2.45	m	
	Madison also and associate boson allelet to a settled back to see the			Sample Type	U	
Soil Description	Medium strength gre	Medium strength greenish brown slightly mottled bluish grey silty CLAY			07/12/2017	
					04/01/2018	
				Project Started	05/01/2018	
				Date Tested	17/01/2018	

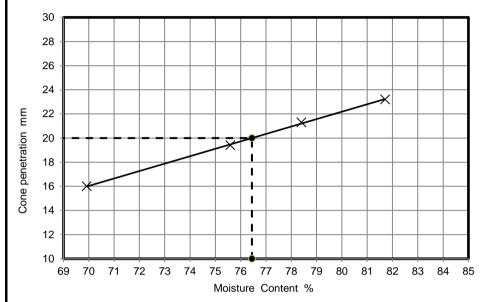


NATURAL MOISTURE CONTENT	29	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	74	%
PLASTIC LIMIT	26	%
PLASTICITY INDEX	48	%

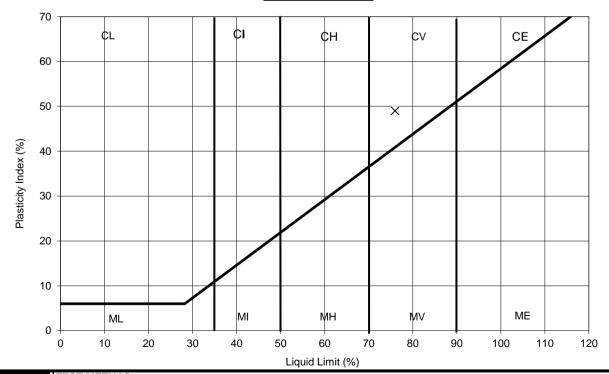


	QÎQ	<u> TEST METHOD</u>	Checked and
		BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method	Approved
Ξ	∠	BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index	
	(≯≮)∄	BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying	Initials: J.P
Ξ	<u>ـ</u> ير	Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU	Date: 18/01/2018
	UKAS TESTING	Tel: 01923 711 288 Email: James@k4soils.com	
	2519	Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)	MSF-5 R2

(4)	LIQUID LIMIT,		IT AND PLASTICITY	Job No.	23871	
SOILS	INDEX			Borehole/Pit No.	BH1	
Site Name	Glenilla Road	Glenilla Road		Sample No.	-	
Project No.	J17299 Client GEA		Depth Top	3.70	m	
			-	Depth Base	-	m
			Sample Type	D		
Soil Description	Brown slig	Brown slightly mottled pale grey silty CLAY			07/12/2017	
				Schedules received	04/01/2018	
				Project Started	05/01/2018	
				Date Tested	17/01/2018	

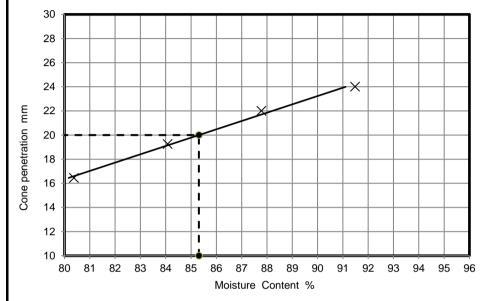


NATURAL MOISTURE CONTENT	31	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	76	%
PLASTIC LIMIT	27	%
PLASTICITY INDEX	49	%

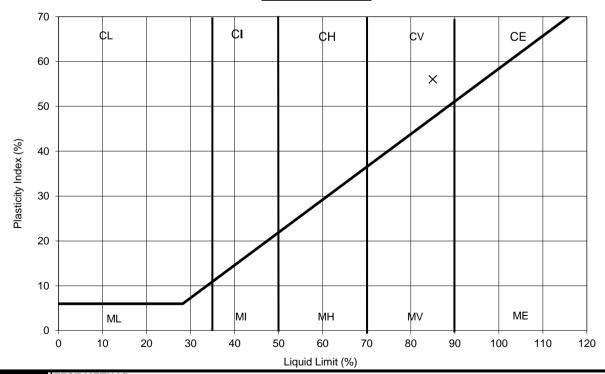


	QÎQ	<u> TEST METHOD</u>	Checked and
		BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method	Approved
Ξ	∠	BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index	
	(≯≮)∄	BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying	Initials: J.P
Ξ	<u>ـ</u> ير	Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU	Date: 18/01/2018
	UKAS TESTING	Tel: 01923 711 288 Email: James@k4soils.com	
	2519	Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)	MSF-5 R2

(K	LIQUID LIMIT,		IT AND PLASTICITY	Job No.	23871	
SOILS	INDEX			Borehole/Pit No.	BH2	
Site Name	Glenilla Road	Glenilla Road			-	
Project No.	J17299 Client GEA		Depth Top	2.00	m	
		·			=	m
	0 111 111 11 11 11 11 11 11 11			Sample Type	D	
Soil Description	Greyish brown slight	Greyish brown slightly gravelly silty CLAY (gravel is fine and sub- angular)			07/12/2017	
					04/01/2018	
				Project Started	05/01/2018	
				Date Tested	17/01/2018	

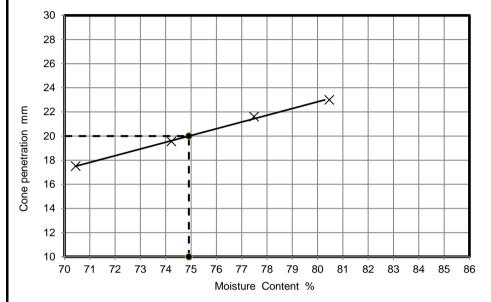


NATURAL MOISTURE CONTENT	45	%
% PASSING 425µm SIEVE	98	%
LIQUID LIMIT	85	%
PLASTIC LIMIT	29	%
PLASTICITY INDEX	56	%

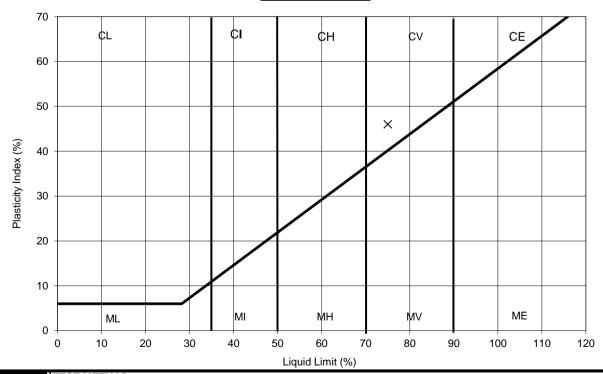


	June Breeze	IEST METHOD	Checked and
		BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method	Approved
Ξ,		BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index	
	(≯≰)∃	BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying	Initials: J.P
ΙĒ.		Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU	Date: 18/01/2018
	UKAS TESTING	Tel: 01923 711 288 Email: James@k4soils.com	
	2519	Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)	MSF-5 R2

(K	LIQUID LIMIT,		Job No.	23871		
SOILS		INDEX		Borehole/Pit No.	ВН3	
Site Name	Glenilla Road			Sample No.	-	
Project No.	J17299 Client GEA		GEA	Depth Top	2.50	m
				Depth Base	-	m
	Cray alimbthy areas allow	ماند، ۱۸۷ ساند		Sample Type	D	
Soil Description	, , , , ,	siity CLAY with that evel is fine and sul	aces of fine brick fragments	Samples received 07/12/		
	(gra	iver is fille and sur	o-angular)	Schedules received	d 04/01/2018	
				Project Started	05/01/2018	
				Date Tested	17/01/2018	



NATURAL MOISTURE CONTENT	36	%
% PASSING 425µm SIEVE	96	%
LIQUID LIMIT	75	%
PLASTIC LIMIT	29	%
PLASTICITY INDEX	46	%



hada		20101111 art 2 for add of oil 1 food i 2010 art	Approved Initials: J.P
Ξ	U K A S TESTING	Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU Tel: 01923 711 288 Email: James@k4soils.com	Date: 18/01/2018
	2519	Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)	MSF-5 R2

K	1 SOILS		Sur	nma	ary of Natural Moisture Co	ntent, L	iquid.	Limit	and Pla	astic L	imit Results
Job No.			Project	Name							ramme
23	871		Glenilla	Road					Samples Schedule		07/12/2017 04/01/2018
Project No. Client									Project st		05/01/2018
J17299 GEA					T	1			Testing S	tarted	17/01/2018
Hole No.	Ref	Sai Top	mple Base	Туре	Soil Description	NMC	Passing 425µm	LL	PL	PI	Remarks
	Kei	m	m m			%	%	%	%	%	
BH1	-	2.00	2.45	U	Medium strength greenish brown slightly mottled bluish grey silty CLAY	29	100	74	26	48	
BH1	-	3.70	-	D	Brown slightly mottled pale grey silty CLAY	31	100	76	27	49	
BH2	-	2.00	-	D	Greyish brown slightly gravelly silty CLAY (gravel is fine and sub-angular)	45	98	85	29	56	
вн3	-	2.50	-	D	Grey slightly gravelly silty CLAY with traces of fine brick fragments (gravel is fine and sub-angular)	36	96	75	29	46	
ВН3		3.30	-	D	Brownish grey silty CLAY	35					
UKAS	Natura	al Moistur	ls: BS13 re Content s: clause 4	t : clau	se 3.2		Close Old: Herts WD 01923 711	s Appro 18 9RU 288	ach		Checked and Approved Initials J.P Date: 18/01/2018
2519	Appr	oved Sig	natories:	K.Pha	ure (Tech.Mgr) J.Phaure (Lab.Mgr)						MSF-5-R1





Unit A2
Windmill Road
Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BY

Telephone: (01424) 718618 Facsimile: (01424) 729911 info@elab-uk.co.uk

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 18-15703

Issue: 1

Date of Issue: 18/01/2018

Contact: James Phaure

Customer Details: K4 Soils Laboratory Ltd

Unit 8 Watford

HertfordshireWD18 9RU

Quotation No: Q16-00568

Order No: Not Supplied

Customer Reference: 23871

Date Received: 15/01/2018

Date Approved: 18/01/2018

Details: Glenilla Road

2 (

Mike Varley, Technical Manager

Approved by:

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683



Sample Summary

Report No.: 18-15703

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
123428	BH1 1.60	Not Provided	15/01/2018	Silty loam	а
123429	BH2 2.00	Not Provided	15/01/2018	Silty clayey loam	а



Results Summary

Report No.: 18-15703

Report No 10-13/03					
		Reference	123428	123429	
	Cu	Reference			
		Sample ID			
		Sa	mple Type	SOIL	SOIL
		Sampl	e Location	BH1	BH2
	;	Sample	Depth (m)	1.60	2.00
		Sam	pling Date	Not Provided	Not Provided
Determinand	LOD				
Miscellaneous					
Soil Organic Matter	U	%	0.1	4.2	4.8





Method Summary Report No.: 18-15703

Parameter		Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Soil organic matter	U	Air dried sample	18/01/2018	BS1377:P3	Titrimetry





Report Information

Report No.: 18-15703

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
Ν	do not currently hold UKAS accreditation
٨	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"

Soil sample results are expressed on an air dried basis (dried at < 30°C) Comments or interpretations are beyond the scope of UKAS accreditation The results relate only to the items tested PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Deviation Codes

eviation	Codes
а	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
С	Sample not received in appropriate containers
d	Sample not received in cooled condition
е	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)
here a sa	ample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month All water samples will be retained for 7 days following the date of the test report Charges may apply to extended sample storage





Caroline Anderson

Geotechnical & Environmental Associates Widbury Barn Widbury Hill Ware Hertfordshire SG127QE i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404 **f:** 01923 237404

e: reception@i2analytical.com

e: caroline@gea-ltd.co.uk

Analytical Report Number: 17-70095

Project / Site name: 30 Glenilla Road, London NW3 4AN Samples received on: 07/12/2017

Your job number: J17299 Samples instructed on: 07/12/2017

Your order number: J17299 Analysis completed by: 14/12/2017

Report Issue Number: 1 Report issued on: 14/12/2017

Samples Analysed: 3 soil samples

Signed:

Jordan Hill Reporting Manager

For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are : soils - 4 weeks from reporting

leachates - 2 weeks from reporting waters - 2 weeks from reporting asbestos - 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.





Project / Site name: 30 Glenilla Road, London NW3 4AN

Your Order No: J17299

Lab Sample Number		872036	872037	872038	1			
Sample Reference								
Sample Number				TP1 None Supplied	TP3 None Supplied	TP2 None Supplied		
Depth (m)				0.50	0.50	0.80		
Date Sampled				01/12/2017	01/12/2017	01/12/2017		
Time Taken				1130	1130	1130		
		_	Ac					
Analytical Parameter	_	Limit of detection	Accreditation Status					
(Soil Analysis)	Units	ait o	dita					
		3 %	tion					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	.	
Moisture Content	%	N/A	NONE	22	19	22		
Total mass of sample received	kg	0.001	NONE	1.1	1.5	1.5		
							•	
Asbestos in Soil	Туре	N/A	ISO 17025	Not-detected	Not-detected	Not-detected		
General Inorganics pH - Automated	pH Units	N/A	MCERTS	8.3	8.2	8.5	1	
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1		
Total Sulphate as SO ₄	mg/kg	50	MCERTS	730	590	3900		
Water Soluble SO4 16hr extraction (2:1 Leachate		0.00:		2.225				
Equivalent) Sulphide	g/l mg/kg	0.00125	MCERTS	0.035	0.051	0.059	 	
Sulphide Water Soluble Chloride (2:1)	mg/kg mg/kg	1	MCERTS MCERTS	9.6 3.9	2.9 7.8	2.4 22	1	
Total Organic Carbon (TOC)	mg/kg %	0.1	MCERTS	0.7	0.8	0.5	†	
Total Phenois								
Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0		
Consider d PAUL								
Speciated PAHs Naphthalene		0.05	MCEDIC	< 0.05	< 0.05	< 0.0F	1	
Acenaphthylene	mg/kg mg/kg	0.05	MCERTS MCERTS	< 0.05	< 0.05	< 0.05 < 0.05		
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.42		
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.37		
Phenanthrene	mg/kg	0.05	MCERTS	1.6	0.75	3.6		
Anthracene	mg/kg	0.05	MCERTS	0.40	0.15	0.65		
Fluoranthene	mg/kg	0.05	MCERTS	4.3	0.81	3.4		
Pyrene Benzo(a)anthracene	mg/kg mg/kg	0.05	MCERTS MCERTS	3.9 2.2	0.66 0.34	2.8 1.1		
Chrysene	mg/kg	0.05	MCERTS	1.9	0.43	1.4	1	
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	3.3	0.51	1.5		
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.97	0.20	0.56		
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.2	0.32	0.96		
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.2	< 0.05	0.40		
Dibenz(a,h)anthracene Benzo(ghi)perylene	mg/kg mg/kg	0.05	MCERTS MCERTS	< 0.05 1.3	< 0.05 < 0.05	< 0.05 0.47	1	
penzo(giii/peryietie	my/ky	0.03	PICERTS	1.3	\ 0.03	0.7/	1	
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	23.3	4.17	17.7		
Heavy Metals / Metalloids	m=/l-=	1	MCEDIC	15	11	12	I	
Arsenic (aqua regia extractable) Cadmium (aqua regia extractable)	mg/kg mg/kg	0.2	MCERTS MCERTS	< 0.2	11 < 0.2	< 0.2	1	
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	43	29	37		
Copper (aqua regia extractable)	mg/kg	1	MCERTS	37	32	39		
Lead (aqua regia extractable)	mg/kg	1	MCERTS	200	240	64		
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.8	< 0.3	1	
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	31	17	28	 	
Selenium (aqua regia extractable) Zinc (aqua regia extractable)	mg/kg mg/kg	1	MCERTS MCERTS	< 1.0 91	< 1.0 56	< 1.0 64		
Emis (aqua regia extractable)	mg/kg		LICENTO	<u> </u>	. 30	<u> </u>		
Petroleum Hydrocarbons								
E						_	•	I
TPH C10 - C40	mg/kg	10	MCERTS	42	69	58	1	
TPH (C8 - C10)	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	1	
TPH (C10 - C12)	mg/kg	2	MCERTS	< 2.0	< 2.0	2.9	†	
TPH (C12 - C16)	mg/kg	4	MCERTS	< 4.0	7.5	14		
TPH (C16 - C21)	mg/kg	1	MCERTS	17	17	26		
					·			





Project / Site name: 30 Glenilla Road, London NW3 4AN

Your Order No: J17299

Lab Sample Number				872036	872037	872038	
Sample Reference				TP1	TP3	TP2	
Sample Number				None Supplied	None Supplied	None Supplied	
Depth (m)				0.50	0.50	0.80	
Date Sampled				01/12/2017	01/12/2017	01/12/2017	
Time Taken				1130	1130	1130	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
TPH (C21 - C35)	mg/kg	1	MCERTS	17	37	14	





Project / Site name: 30 Glenilla Road, London NW3 4AN

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
872036	TP1	None Supplied	0.50	Brown clay and sand.
872037	TP3	None Supplied	0.50	Brown clay and sand.
872038	TP2	None Supplied	0.80	Brown clay and sand.





Project / Site name: 30 Glenilla Road, London NW3 4AN

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests. 2:1 extraction.	L082-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L099-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP- OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests, 2:1 water:soil extraction, analysis by ICP-OES.	L038-PL	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode.	In-house method	L010-PL	D	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests'''	L009-PL	D	MCERTS
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L038-PL	D	MCERTS
TPH Banding in Soil by FID	Determination of hexane extractable hydrocarbons in soil by GC-FID.	In-house method, TPH with carbon banding.	L076-PL	W	MCERTS
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding.	L076-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.



Widbury Barn Widbury Hill Ware Herts SG12 7QE

Generic Risk-Based Soil Screening Values

ite 30 Glenilla Road, London NW3 4AN

Job Number J17299

Client SG Consulting Ltd

Engineer Davies Maguire

Sheet 1 / 1

Proposed End Use Residential with plant uptake

Soil pH 8

Soil Organic Matter content % 1.0

Contaminant	Screening Value mg/kg	Data Source
	Metals	
Arsenic	37	C4SL
Cadmium	26	C4SL
Chromium (III)	3000	LQM/CIEH
Chromium (VI)	21	C4SL
Copper	2,330	LQM/CIEH
Lead	200	C4SL
Elemental Mercury	1	SGV
Inorganic Mercury	170	SGV
Nickel	97	LQM/CIEH
Selenium	350	SGV
Zinc	3,750	LQM/CIEH
F	Hydrocarbons	
Benzene	0.2	C4SL
Toluene	120	SGV
Ethyl Benzene	65	SGV
Xylene	42	SGV
Aliphatic C5-C6	30	LQM/CIEH
Aliphatic C6-C8	73	LQM/CIEH
Aliphatic C8-C10	19	LQM/CIEH
Aliphatic C10-C12	93	LQM/CIEH
Aliphatic C12-C16	740	LQM/CIEH
Aliphatic C16-C35	45,000	LQM/CIEH
Aromatic C6-C7	See Benzene	LQM/CIEH
Aromatic C7-C8	See Toluene	LQM/CIEH
Aromatic C8-C10	27	LQM/CIEH
Aromatic C10-C12	69	LQM/CIEH
Aromatic C12-C16	140	LQM/CIEH
Aromatic C16-C21	250	LQM/CIEH
Aromatic C21-C35	890	LQM/CIEH
PRO (C ₅ –C ₁₀)	269	Calc
DRO (C ₁₂ –C ₂₈)	46,130	Calc
Lube Oil (C ₂₈ -C ₄₄)	45,890	Calc
TPH	1000	Trigger for speciated
		testing

Contaminant	Screening Value mg/kg	Data Source
A	nions	
Soluble Sulphate	500 mg/l	Structures
Sulphide	50	Structures
Chloride	400	Structures
	Others	
Organic Carbon (%)	6	Methanogenic potential
Total Cyanide	140	WRAS
Total Mono Phenols	184	SGV
Name that are	PAH	0.401 0.1.014/01511
Naphthalene	2.20	C4SL exp & LQM/CIEH
Acenaphthylene	170	LQM/CIEH
Acenaphthene	210	LQM/CIEH
Fluorene	160	LQM/CIEH
Phenanthrene	92	LQM/CIEH
Anthracene	2,300	LQM/CIEH
Fluoranthene	260	LQM/CIEH
Pyrene	560	LQM/CIEH
Benzo(a) Anthracene	4.3	C4SL exp & LQM/CIEH
Chrysene	8	C4SL exp & LQM/CIEH
Benzo(b) Fluoranthene	7.7	C4SL exp & LQM/CIEH
Benzo(k) Fluoranthene	12.1	C4SL exp & LQM/CIEH
Benzo(a) pyrene	4.35	C4SL
Indeno(1 2 3 cd) Pyrene	4.4	C4SL exp & LQM/CIEH
Dibenzo(a h) Anthracene	1.10	C4SL exp & LQM/CIEH
Benzo (g h i) Perylene	65	C4SL exp & LQM/CIEH
Screening value for PAH	62.1	B(a)P / 0.15
Chlorina	ted Solven	ts
1,1,1 trichloroethane (TCA)	11.7	LQM/CIEH
tetrachloroethane (PCA)	0.56	LQM/CIEH
tetrachloroethene (PCE)	1.01	LQM/CIEH
trichloroethene (TCE)	0.134	LQM/CIEH
1,2-dichloroethane (DCA)	0.0054	LQM/CIEH
vinyl chloride (Chloroethene)	0.000953	LQM/CIEH
tetrachloromethane (Carbon tetra	0.018	LQM/CIEH
trichloromethane (Chloroform)	0.888	LQM/CIEH

Notes

Concentrations measured below the above values may be considered to represent 'uncontaminated conditions' which pose 'LOW' risk to human

health. Concentrations measured in excess of these values indicate a potential risk which require further, site specific risk assessment.

SGV - Soil Guideline Value, derived from the CLEA model and published by Environment Agency 2009

LQM/CIEH - Generic Assessment Criteria for Human Health Risk Assessment 2nd edition (2009)derived using CLEA 1.04 model 2009

C4SL - Defra Category 4 Screening value based on Low Level of Toxicological Risk

C4SL exp & LQM/CIEH calculated using C4SL revisions to exposure assessment but LQM/CIEH health criteria values

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



Geotechnical & Environmental Associates Widbury Barn | Widbury Hill | Ware | SG12 7QE

Standard Penetration Test Results

Site : 30 Glenilla Road, London NW3 4AN

Job Number J17299

Client : S G Consulting Limited

Sheet

Engineer: Davies Maguire

1 / 1

Borehole	Base of	End of	End of	Test Type	Seating per 7	Blows 5mm	Blows	or each 7	5mm pen	etration		_	
Number	Base of Borehole (m)	End of Seating Drive (m)	End of Test Drive (m)	Туре	1	2	1	2	3	4	Result	Comme	nts
H1	1.00	1.15	1.45	SPT	1	0	0	1	2	2	N=5		
H1	3.00	3.15	3.45	SPT	1	2	2	3	3	4	N=12		
BH1	5.00	5.15	5.45	SPT	1	2	3	3	4	8	N=18		
BH1	8.00	8.15	8.45	SPT	2	2	3	4	4	6	N=17		
BH1	11.00	11.15	11.45	SPT	2	3	4	5	5	7	N=21		
3H1	14.00	14.15	14.45	SPT	2	3	4	5	6	7	N=22		
3H1	17.00	17.15	17.45	SPT	3	4	5	6	7	9	N=27		
BH1	20.00	20.15	20.45	SPT	3	5	6	7	8	11	N=32		
	1												



Envirocheck® Report:

Datasheet

Order Details:

Order Number:

148399303_1_1

Customer Reference:

J17299

National Grid Reference:

527120, 184870

Slice:

Α

Site Area (Ha):

0.04

Search Buffer (m):

1000

Site Details:

30, Glenilla Road LONDON NW3 4AN

Client Details:

Mr S Branch GEA Ltd Widbury Barn Widbury Hill Ware Herts SG12 7QE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	18
Industrial Land Use	23
Sensitive Land Use	53
Data Currency	54
Data Suppliers	61
Useful Contacts	62

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/Natural Resources Wales 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.

Copyright Notice

© Landmark Information Group Limited 2017. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

The Data provided in this report was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v53.0



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1			Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
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			5	11
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3				Yes
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 3				37
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 9				4 (*15)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 14	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 14		1		1
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
OS Water Network Lines	pg 14		1		2



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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 Landfill Coverage	pg 16	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 16			3	3
Potentially Infilled Land (Water)	pg 16				1
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 16				2
Registered Waste Treatment or Disposal Sites					
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					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry					
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry	pg 18		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 21	Yes			
CBSCB Compensation District			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	pg 21	Yes	Yes	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 21	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	Yes	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 23		4	57	143
Fuel Station Entries	pg 40			1	2
Points of Interest - Commercial Services	pg 40			33	25
Points of Interest - Education and Health	pg 45			1	5
Points of Interest - Manufacturing and Production	pg 45			2	2
Points of Interest - Public Infrastructure	pg 46			5	10
Points of Interest - Recreational and Environmental	pg 47				23
Gas Pipelines					
Underground Electrical Cables	pg 49		4	2	28



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 53			1	
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Page 1 of 62

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	350	1	526850 185100
	Local Authority Pol	lution Prevention and Controls				
1	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Perkins Dry Cleaners 171 Haverstock Hill, London, Nw3 4qs London Borough of Camden, Pollution Projects Team PPC/DC7 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A13NE (NE)	266	2	527342 185055
	Local Authority Pol	lution Prevention and Controls				
1	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Swan Dry Cleaners 163 Haverstock Hill, London, Nw3 4qt London Borough of Camden, Pollution Projects Team PPC/DC42 24th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A13NE (NE)	275	2	527371 185032
	Local Authority Pol	lution Prevention and Controls				
2	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Pyramid Cleaners 52 Besize Lane, London, Nw3 5ar London Borough of Camden, Pollution Projects Team PPC/DC8 1st January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A13NW (NW)	267	2	526872 184985
3	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Belsize Park Service Station 215 Haverstock Hill, LONDON, NW3 4RE London Borough of Camden, Pollution Projects Team PPC21 2nd January 1999 Local Authority Pollution Prevention and Control PG1/14 Petrol filling station Permitted Automatically positioned to the address	A18SE (N)	343	2	527187 185227
		lution Prevention and Controls				
4	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Chequers Textile Care Ltd 48 Englands Lane, London, Nw3 4ue London Borough of Camden, Pollution Projects Team PPC/DC47 5th December 2006 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A14SW (SE)	469	2	527498 184580
	Local Authority Pol	lution Prevention and Controls				
5	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	The Royal Free Hospital Pond Street, LONDON, NW3 2QG London Borough of Camden, Pollution Projects Team Not Given 24th July 1992 Local Authority Air Pollution Control PG5/1Clinical waste incineration processes under 1 tonne an hour Authorisation revokedRevoked Manually positioned to the address or location	A18SE (N)	547	2	527296 185410
	Local Authority Pol	lution Prevention and Controls				
6	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Kings Dry Cleaners 25 Winchester Road, London, E4 London Borough of Waltham Forest, Environmental Health Department DC05 6th July 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Manually positioned to the address or location	A8NW (SW)	625	3	526812 184310



Map ID		Details		Estimated Distance From Site	Contact	NGR
7	Local Authority Pol Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Top Choice Dry Cleaners 96 Fleet Road, London, Nw3 2qx London Borough of Camden, Pollution Projects Team PPC/DC13 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted	A19SW (NE)	705	2	527529 185471
	Positional Accuracy:	Located by supplier to within 10m				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls B P Harmony 104a Finchley Road, London, NW3 5EY London Borough of Camden, Pollution Projects Team Not Given 1st July 1999 Local Authority Air Pollution Control PG1/14 Petrol filling station Authorised Automatically positioned to the address	A12SE (SW)	707	2	526471 184554
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	By Harmony 104a Finchley Road, LONDON, NW3 5EY London Borough of Camden, Pollution Projects Team PPC18 1st July 1999 Local Authority Pollution Prevention and Control PG1/14 Petrol filling station Permitted Automatically positioned to the address	A12SE (SW)	707	2	526471 184554
9	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls The Dry Cleaners Of Hampstead 80 Haverstock Hill, London, Nw3 2be London Borough of Camden, Pollution Projects Team PPC/DC41 25th June 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A14SE (E)	761	2	527875 184684
10	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Swiss Cottage Dry Cleaners 121 Finchley Road, London, Nw3 6hy London Borough of Camden, Pollution Projects Team PPC/DC10 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A7NE (SW)	762	2	526626 184270
11	Local Authority Pol Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Visage 171 Malden Road, London, Nw5 4ht London Borough of Camden, Pollution Projects Team PPC/DC50 1st February 2008 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Manually positioned to the address or location	A14NE (E)	861	2	527961 185143
12	Local Authority Pol Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Is Dry Cleaners 6 Canfield Gardens, London, Nw6 3bs London Borough of Camden, Pollution Projects Team PPC/DC18 5th February 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A12SW (W)	874	2	526257 184662



Page 3 of 62

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Pol	lution Prevention and Controls				
13	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Hampstead Express Dry Cleaning 279a Finchley Road, London, Nw3 6lt London Borough of Camden, Pollution Projects Team PPC/DC6 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A12NW (W)	931	2	526178 184902
		lution Prevention and Controls				
13	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Janet'S Hand Laundry Ltd 281a Finchley Road, London, Nw3 6nd London Borough of Camden, Pollution Projects Team PPC/DC14 12th January 2007 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Permitted Located by supplier to within 10m	A12NW (W)	944	2	526167 184924
	Nearest Surface Wa	ater Feature	A 7815	050		500700
			A7NE (SW)	659	<u> </u>	526768 184296
	Registered Radioac	tive Substances				
14	Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Royal Free Hampstead NHS Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AV8011 25th October 1996 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA	A18SE (N)	536	4	527292 185400
	Status:	Authorisation superseded by a substantial or non substantial variationSuperseded				
	Positional Accuracy:	Automatically positioned to the address				
14	Registered Radioac Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Royal Free And University College Medical School Of University College London Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region Bz9758 5th January 2006 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Minor variation to authorisation under RSA	A18SE (N)	537	4	527299 185399
	Status:	Application has been authorised and any conditions apply to the operatorAuthorised Manually positioned to the address or location				
	Registered Radioac	* '				
14	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Royal Free And University College Medical School Of University College London Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region By6010 3rd August 2005 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Substantial variation to authorisation under RSA Authorisation superseded by a substantial or non substantial	A18SE (N)	537	4	527299 185399
		variationSuperseded Manually positioned to the address or location				
	Registered Radioactive Substances					
14	Name: Location: Authority: Permit Reference: Dated: Process Type:	Royal Free And University College Medical School Of University College London Royal Free Hospital, Pond Street, London, NW3 2QG Environment Agency, Thames Region Bw7635 1st December 2003 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)	A18SE (N)	537	4	527299 185399
	Description: Status: Positional Accuracy:	Minor variation to authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Manually positioned to the address or location				



Page 9 of 62

Map ID		Details		Estimated Distance From Site	Contact	NGR
	Registered Radioad	tive Substances				
14	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free Hampstead Nhs Trust Royal Free Hospital, Pond Street, LONDON, NW3 2QG Environment Agency, Thames Region AB4095 31st March 1991 Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Authorisation under RSA Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A18SE (N)	547	4	527297 185410
	Registered Radioactive Substances					
14	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Royal Free Hampstead NHS Trust Royal Free Hospital, Pond Street, Hampstead, LONDON, Greater London, NW3 2QG Environment Agency, Thames Region AR0373 11th July 1995 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A18SE (N)	549	4	527302 185410
	Registered Radioad	tive Substances				
15	Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Polymasc Pharmaceuticals Plc Anthony Nolan Building, Royal Free Hospital Site, Fleet Road; Hampstead, LONDON, Greater London, NW3 2EZ Environment Agency, Thames Region AU4924 20th February 1996 Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Registration under the Act of an open source which is also the subject of an authorisation	A19SW (NE)	709	4	527500 185495
	Status: Positional Accuracy:	Authorisation either revoked or cancelledCancelled Manually positioned to the address or location				
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden 28/39/39/0219 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London. 01 January 31 December 1st April 2008 Not Supplied Located by supplier to within 10m	A8NW (SW)	657	4	526800 184280
	Water Abstractions					
17	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden Th/039/0039/087 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London 01 April 31 March 5th December 2013 Not Supplied Located by supplier to within 10m	A7NE (SW)	698	4	526750 184261



Agency & Hydrological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden Th/039/0039/087 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: General Washing/Process Washing Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London 01 April 31 March 5th December 2013 Not Supplied Located by supplier to within 10m	A7NE (SW)	698	4	526750 184261
17	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	London Borough Of Camden Th/039/0039/087 1 Swiss Cottage Open Space- Borehole Environment Agency, Thames Region Municipal Grounds: Lake And Pond Throughflow Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Swiss Cottage Open Space, Winchester Road, London 01 April 31 March 5th December 2013 Not Supplied Located by supplier to within 10m	A7NE (SW)	698	4	526750 184261
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Thames Water Utilities Ltd Th/039/0039/058 1 Borehole At Barrow Hill Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 101 April 31 March 1st April 2013 Not Supplied Located by supplier to within 10m	A4NW (SE)	1270	4	527636 183697
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Thames Water Utilities Ltd 28/39/39/0231 1 Barrow Hill Pumping Station - Borehole Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Barrow Hill Pumping Station 01 January 31 December 1st April 2007 Not Supplied Located by supplier to within 10m	A4NW (SE)	1278	4	527640 183690



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator:	(S)	1996	4	526902 182872
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 39 West London Scale: 1:100,000	A13SE (W)	0	4	527124 184872
	Drift Deposits None Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (W)	0	1	527124 184872
	Superficial Aquifer Designations No Data Available Source Protection Zones				
18	Name: Barrow Hill Source: Environment Agency, Head Office Reference: Th405 Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 travel time whichever is greater.	A13SW (S)	209	4	527097 184648
19	Source Protection Zones Name: Barrow Hill Source: Environment Agency, Head Office Reference: Th405 Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A9SW (S)	983	4	527497 183950
	Extreme Flooding from Rivers or Sea without Defences None Flooding from Rivers or Sea without Defences				
	None Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None Flood Defences				
20	None OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5204.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (E)	60	5	527199 184869
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	796	5	527315 185663



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 172.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hampstead Ponds Catchment Name: Thames Primacy: 1	A18NE (N)	938	5	527233 185821



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Lan	ndfill Coverage				
	Name:	London Borough of Camden - Has no landfill data to supply		0	6	527124 184872
	Potentially Infilled L	_and (Non-Water)				
23	Bearing Ref: Use: Date of Mapping:	NE Unknown Filled Ground (Pit, quarry etc) 1996	A13NE (NE)	369	8	527347 185189
	Potentially Infilled L	and (Non-Water)				
24	Bearing Ref: Use: Date of Mapping:	NE Unknown Filled Ground (Pit, quarry etc) 1996	A18SE (NE)	372	8	527284 185228
	Potentially Infilled L	and (Non-Water)				
25	Bearing Ref: Use: Date of Mapping:	NW Unknown Filled Ground (Pit, quarry etc) 1996	A12NE (NW)	385	8	526763 185029
	Potentially Infilled L	and (Non-Water)				
26	Bearing Ref: Use: Date of Mapping:	NE Unknown Filled Ground (Pit, quarry etc) 1996	A19SW (NE)	504	8	527473 185261
	Potentially Infilled L	and (Non-Water)				
27	Bearing Ref: Use: Date of Mapping:	W Unknown Filled Ground (Pit, quarry etc) 1991	A12NE (W)	656	8	526467 184999
	Potentially Infilled L	and (Non-Water)				
28	Bearing Ref: Use: Date of Mapping:	NW Unknown Filled Ground (Pit, quarry etc) 1996	A17SE (NW)	658	8	526616 185296
	Potentially Infilled L	_and (Water)				
29	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1873	A18NE (N)	775	8	527250 185654
	Registered Waste T	ransfer Sites				
30	Licence Holder: Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate:	BR Goods Yard at 269 Finchley Road, CAMDEN, London, NW3 As Site Address Environment Agency - Thames Region, North East Area Transfer Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per	A12SW (W)	912	4	526200 184780
	Waste Source Restrictions:	year) No known restriction on source of waste				
	Licence Status: Dated: Preceded By Licence:	Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled 1st February 1992 DL140				
	Superseded By Licence:	Not Given				
		Manually positioned to the address or location Not Supplied Lwra Cat. A = Inert Wastes Lwra Cat. Bi Gen.Non-Putresc Max.Waste Permitted By Licence-Stated				
	Prohibited Waste	Clinical - As In Coll/Disp.Regs Of '88 Liquid/Slurry/Sludge Wastes Poisonous, Noxious, Polluting Wastes Special Wastes Waste N.O.S.				



Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	l Geology				
	Description:	Thames Group	A13SE (W)	0	1	527124 184872
	BGS Estimated Soil	Chemistry	(,			10.0.2
	No data available					
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured	British Geological Survey, National Geoscience Information Service 527169, 184808 Topsoil London 20.70 mg/kg	A13SE (SE)	71	1	527169 184808
	Concentration:					
	Chromium Measured Concentration: Lead Measured Concentration:	2153.80 mg/kg				
	Nickel Measured Concentration:	34.90 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured	British Geological Survey, National Geoscience Information Service 526703, 184701 Topsoil London 32.80 mg/kg 0.70 mg/kg	A12SE (W)	436	1	526703 184701
	Concentration: Chromium Measured	79.00 mg/kg				
	Concentration: Lead Measured Concentration:	770.10 mg/kg				
	Nickel Measured Concentration:	44.30 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured Concentration: Chromium Measured		A12NE (NW)	453	1	526763 185153
	Concentration: Lead Measured	617.70 mg/kg				
	Concentration: Nickel Measured Concentration:	22.30 mg/kg				
	BGS Measured Urba	an Soil Chemistry				
	Source: Grid: Soil Sample Type: Sample Area: Arsenic Measured Concentration: Cadmium Measured	British Geological Survey, National Geoscience Information Service 527216, 185357 Topsoil London 19.70 mg/kg	A18SE (N)	476	1	527216 185357
	Concentration: Chromium Measured					
	Concentration: Lead Measured Concentration:	626.10 mg/kg				
	Nickel Measured Concentration:	27.60 mg/kg				



Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Che	emistry Averages				
	Source: Sample Area:	British Geological Survey, National Geoscience Information Service London	A13SE (W)	0	1	527124 184872
	Count Id: Arsenic Minimum Concentration:	7209 1.00 mg/kg				
	Arsenic Average Concentration:	17.00 mg/kg				
	Arsenic Maximum Concentration:	161.00 mg/kg				
	Cadmium Minimum Concentration:	0.10 mg/kg				
	Cadmium Average Concentration:	0.90 mg/kg				
	Cadmium Maximum Concentration:	165.20 mg/kg				
	Chromium Minimum Concentration:	13.00 mg/kg				
	Chromium Average Concentration:	79.00 mg/kg				
	Chromium Maximum Concentration:	2094.00 mg/kg				
	Lead Minimum Concentration:	11.00 mg/kg				
	Lead Average Concentration:	280.00 mg/kg				
	Lead Maximum Concentration:	10000.00 mg/kg				
	Nickel Minimum Concentration:	2.00 mg/kg				
	Nickel Average Concentration:	28.00 mg/kg				
	Nickel Maximum Concentration:	506.00 mg/kg				
	Coal Mining Affecte	d Areas				
	In an area that might	not be affected by coal mining				
	Non Coal Mining Ar	eas of Great Britain				
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	527124 184872
	Potential for Collaps	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NE (N)	112	1	527124 185000
		essible Ground Stability Hazards	A420E	0	4	F07404
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13SE (W)	U	1	527124 184872
	Potential for Compr Hazard Potential:	essible Ground Stability Hazards No Hazard	A13NE	112	1	527124
	Source:	British Geological Survey, National Geoscience Information Service	(N)	112		185000
	Potential for Ground Hazard Potential:	d Dissolution Stability Hazards No Hazard	A13SE	0	1	527124
	Source:	British Geological Survey, National Geoscience Information Service	(W)	0	'	184872
	Potential for Ground Hazard Potential:	d Dissolution Stability Hazards No Hazard	A13NE	112	1	527124
	Source:	British Geological Survey, National Geoscience Information Service	(N)	112		185000
	Potential for Landsl Hazard Potential:	ide Ground Stability Hazards Very Low	A13SE	0	1	527124
	Source:	British Geological Survey, National Geoscience Information Service	(W)	, , , , , , , , , , , , , , , , , , ,	ı	184872
	Potential for Landsl Hazard Potential:	ide Ground Stability Hazards Very Low	A13NE	112	1	527124
	Source:	British Geological Survey, National Geoscience Information Service	(N)	112	1	185000
	Potential for Runnir Hazard Potential:	ng Sand Ground Stability Hazards No Hazard	A13SE	0	1	527124
	Source:	British Geological Survey, National Geoscience Information Service	(W)		•	184872
	Potential for Runnir Hazard Potential:	ng Sand Ground Stability Hazards No Hazard	A13NE	112	1	527124
	Source:	British Geological Survey, National Geoscience Information Service	(N)			185000



Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	527124 184872
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	A13NE (N)	112	1	527124 185000
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a Lower probability radon area (less than 1% of homes are	A13SE	0	1	527124
	Source:	estimated to be at or above the Action Level). British Geological Survey, National Geoscience Information Service	(W)			184872
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	527124 184872



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Contemporary Trad Name: Location: Classification: Status:	47 Jours Design 19, Glenloch Road, London, NW3 4DJ Soft Furnishings - Manufacturers Inactive	A13NE (NE)	79	-	527191 184943
	Positional Accuracy:	Automatically positioned to the address				
32	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Chalcot House Services Flat 1, 51, Belsize Park Gardens, London, NW3 4JL Commercial Cleaning Services Inactive Automatically positioned to the address	A13SE (SE)	146	-	527202 184737
33	Contemporary Trad Name: Location: Classification: Status:	e Directory Entries Pearl & Black English Originals 13, Belsize Grove, London, NW3 4UX Stationery Manufacturers Inactive	A13NE (E)	200	-	527340 184878
	-	Automatically positioned to the address				
34	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Pro Cleaners Hampstead 1, Glenloch Road, London, NW3 4BX Cleaning Services - Domestic Inactive Automatically positioned to the address	A13NE (NE)	250	-	527313 185063
34	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Perkins 171, Haverstock Hill, London, NW3 4QS Dry Cleaners Active Automatically positioned to the address	A13NE (NE)	266	-	527343 185055
34	Contemporary Trad Name: Location: Classification: Status:	•••	A13NE (NE)	266	-	527343 185055
34	Contemporary Trad Name: Location: Classification: Status:	e Directory Entries Cleaners St Pancras 165a, Haverstock Hill, London, NW3 4QT Carpet, Curtain & Upholstery Cleaners Inactive Automatically positioned to the address	A13NE (NE)	271	-	527365 185035
34	Contemporary Trad Name: Location: Classification: Status:	e Directory Entries Pest Control Haverstock Hill, London, NW3 4QT Pest & Vermin Control Inactive	A13NE (NE)	277	-	527372 185034
34	Contemporary Trad Name: Location: Classification: Status:	Manually positioned within the geographical locality e Directory Entries Swans 163, Haverstock Hill, London, NW3 4QT Dry Cleaners Active Automatically positioned to the address	A13NE (NE)	277	-	527372 185034
35	Contemporary Trad Name: Location: Classification: Status:		A13SE (E)	261	-	527399 184857
36	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Pyramid Cleaners 52, Belsize Lane, London, NW3 5AR Dry Cleaners Active Automatically positioned to the address	A13NW (NW)	265	-	526874 184984
37	Contemporary Trad Name: Location: Classification: Status:		A13NE (NE)	269	-	527267 185121



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
37	Name: Location: Classification: Status: Positional Accuracy:	Bromine & Chemicals Ltd Second Floor, 201, Haverstock Hill, London, NW3 4QG Chemicals - Distributors & Wholesalers Inactive Automatically positioned to the address	A13NE (NE)	269	-	527267 185121
	Contemporary Trad	e Directory Entries				
37	Name: Location: Classification: Status: Positional Accuracy:	The Master Cleaners 189, Haverstock Hill, London, NW3 4QG Dry Cleaners Active Automatically positioned to the address	A13NE (NE)	270	-	527300 185100
	Contemporary Trad	e Directory Entries				
37	Name: Location: Classification: Status:	Pest Control Hempstead Haverstock Hill, London, NW3 4QG Pest & Vermin Control Inactive Manually positioned within the geographical locality	A13NE (NE)	277	-	527284 185120
	Contemporary Trad	e Directory Entries				
37	Name: Location: Classification: Status: Positional Accuracy:	Belsize Park Carpet Cleaners 197, Haverstock Hill, London, NW3 4QG Carpet, Curtain & Upholstery Cleaners Inactive Automatically positioned to the address	A13NE (NE)	277	-	527284 185120
	Contemporary Trad	e Directory Entries				
37	Name: Location: Classification: Status: Positional Accuracy:	Pip Printing 197, Haverstock Hill, London, NW3 4QG Printers Inactive Automatically positioned to the address	A13NE (NE)	277	-	527284 185120
	Contemporary Trad					
38	Name: Location: Classification: Status:	Gayle Mcvay 52, Belsize Park Gardens, London, NW3 4ND Hats & Caps - Manufacturers Inactive Automatically positioned to the address	A13SE (SE)	285	-	527379 184728
	Contemporary Trad					
39	Name: Location: Classification: Status:	Pearl & Black Interchange Studios, Hampstead Town Hall Centre, 321 Haverstoc, London, NW3 4QP Greeting Card Publishers & Wholesalers Inactive Manually positioned within the geographical locality	A13NE (N)	285	-	527216 185161
	Contemporary Trad					
40	Name: Location: Classification: Status:	Haywood Motors A, 23, Lambolle Place, London, NW3 4PG Garage Services Active Automatically positioned to the address	A13SE (SE)	311	-	527361 184663
	Contemporary Trad	e Directory Entries				
40	Name: Location: Classification: Status: Positional Accuracy:	Belsize Motors A, 23, Lambolle Place, London, NW3 4PG Garage Services Inactive Automatically positioned to the address	A13SE (SE)	311	-	527361 184663
	Contemporary Trad					
40	Name: Location: Classification: Status:	J A Harnett 4, Lancaster Stables, Lambolle Place, London, NW3 4PH Antiques - Repairing & Restoring Inactive Automatically positioned to the address	A13SE (SE)	325	_	527379 184661
	Contemporary Trad					
41	Name: Location: Classification: Status:	Porsheworx Engineering 2, Lambolle Place, London, NW3 4PD Garage Services Active Automatically positioned to the address	A13SE (SE)	311	_	527303 184607



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Belsize Motors 3, Lambolle Place, London, NW3 4PD Car Engine Tuning & Diagnostic Services Inactive Automatically positioned to the address	A13SE (SE)	314	-	527299 184600
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Autotech Hamstead 3, Lambolle Place, London, NW3 4PD Garage Services Active Automatically positioned to the address	A13SE (SE)	314	-	527299 184600
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hampstead Motor Services Uk Ltd 4, Lambolle Place, London, NW3 4PD Garage Services Active Automatically positioned to the address	A13SE (SE)	319	-	527295 184591
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Beta Lighting Ltd 19, Eton Garages, Lambolle Place, London, NW3 4PE Lighting Manufacturers Inactive Automatically positioned to the address	A13SE (SE)	327	-	527332 184610
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Rayden 17, Eton Garages, Lambolle Place, London, NW3 4PE Car Body Repairs Inactive Automatically positioned to the address	A13SE (SE)	334	-	527326 184596
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Little & Pace Motors 2-3 Eton Garages,Lambolle PI, London, NW3 4PE Garage Services Inactive Manually positioned to the address or location	A13SE (SE)	346	-	527346 184596
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hmc Fleet Maintenance Centre 3, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Inactive Automatically positioned to the address	A13SE (SE)	355	-	527346 184585
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Little & Pace 3, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Inactive Automatically positioned to the address	A13SE (SE)	355	-	527346 184585
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Little & Pace 3, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Active Automatically positioned to the address	A13SE (SE)	355	-	527346 184585
41	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Mark One Motors 5-6, Eton Garages, Lambolle Place, London, NW3 4PE Garage Services Inactive Automatically positioned to the address	A13SE (SE)	362	-	527339 184570
42	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Belsize Park Cleaners 192, Haverstock Hill, London, NW3 2AJ Cleaning Services - Domestic Inactive Automatically positioned to the address	A13NE (NE)	321	-	527358 185118
42	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Belsize Park Cleaners 192, Haverstock Hill, London, NW3 2AJ Cleaning Services - Domestic Inactive Automatically positioned to the address	A13NE (NE)	321	-	527358 185118



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Cleaners Belsize Park 200, Haverstock Hill, London, NW3 2AG Carpet, Curtain & Upholstery Cleaners Inactive Automatically positioned to the address	A13NE (NE)	324	-	527333 185143
42	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Printline Printers B, 200, Haverstock Hill, London, NW3 2AG Printers Active Automatically positioned to the address	A13NE (NE)	326	-	527329 185149
43	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Gems Dry Cleaning Co Ltd 90, Belsize Lane, London, NW3 5BE Dry Cleaners Active Automatically positioned to the address	A12SE (W)	325	-	526784 184870
43	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Daily Carpet Cleaning 90 Belsize Lane, London, NW3 5BE Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	A12SE (W)	325	-	526784 184870
43	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Mr Lewis Cohens Fry Cleaning Co 90, Belsize Lane, London, NW3 5BE Dry Cleaners Inactive Automatically positioned to the address	A12SE (W)	325	-	526784 184870
43	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Smoother You Ltd 1, McCrone Mews, Belsize Lane, London, NW3 5BG Electrolysis Inactive Automatically positioned to the address	A12NE (W)	332	-	526777 184884
43	Contemporary Trad Name: Location: Classification: Status:	* *	A12NE (W)	341	-	526768 184884
43	Contemporary Trad Name: Location: Classification: Status:		A12NE (W)	341	-	526768 184884
43	Contemporary Trad Name: Location: Classification: Status:		A12NE (W)	342	-	526770 184911
43	Contemporary Trad Name: Location: Classification: Status:		A12NE (W)	361	-	526749 184894
43	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Continental Autos 10, Daleham Mews, London, NW3 5DB Garage Services Inactive Automatically positioned to the address	A12NE (W)	364	-	526749 184917
44	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Belzier Park Service Station Belzier Park Service Station, 215, Haverstock Hill, London, NW3 4QE Petrol Filling Stations Inactive Automatically positioned to the address	A18SE (N)	343	-	527188 185227



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Contemporary Trade Directory Entries Name: Bp Location: Belzier Park Service Station, 215, Haverstock Hill, London, NW3 4C Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	343	-	527188 185227
45	Contemporary Trade Directory Entries Name: Cedo Ltd Location: 32, Eton Avenue, London, NW3 3HL Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	359	-	527135 184498
46	Contemporary Trade Directory Entries Name: Cleaners Of Camden Location: 34, Primrose Gardens, London, NW3 4TN Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	369	-	527485 184753
47	Contemporary Trade Directory Entries Name: Oven Cleaning Belsize Park Location: 250, Haverstock Hill, London, NW3 2AE Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	432	-	527169 185319
48	Contemporary Trade Directory Entries Name: No1derland.Com Location: 11, Aspern Grove, LONDON, NW3 2AU Classification: Musical Instrument - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	447	-	527356 185276
49	Contemporary Trade Directory Entries Name: Red Grey Ltd Location: 32, Englands Lane, London, NW3 4UE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	461	-	527522 184625
49	Contemporary Trade Directory Entries Name: Allchin Pharmacy Location: 28, Englands Lane, London, NW3 4UE Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	471	-	527536 184627
50	Contemporary Trade Directory Entries Name: Chequers Dry Cleaners Location: 48, Englands Lane, London, NW3 4UE Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	472	-	527502 184579
50	Contemporary Trade Directory Entries Name: Chase Dry Cleaners Location: 74 Whittom, Primrose Hill Rd, London, NW3 4AB Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	495	-	527493 184534
50	Contemporary Trade Directory Entries Name: R K P Hardware D I Y Location: 51, Englands Lane, LONDON, NW3 4YD Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	499	-	527517 184557
51	Contemporary Trade Directory Entries Name: Drennan & Co Location: 64, Belsize Park, London, NW3 4EH Classification: Door & Gate Operating Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	475	-	526723 184584
52	Contemporary Trade Directory Entries Name: Camden & Islington Trust Location: 17, Lyndhurst Gardens, London, NW3 5NU Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	491	-	526829 185274



Map ID	D	etails	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Contemporary Trade Directory Entries Name: Zapem Pest Control Lond Location: 26, Downside Crescent, L Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned	ondon, NW3 2AS	A14NW (NE)	495	-	527537 185179
53	Contemporary Trade Directory Entries Name: Camden Cleaners Location: 14, Lawn Road, London, Classification: Carpet, Curtain & Uphols Status: Inactive Positional Accuracy: Automatically positioned	tery Cleaners	A14NW (NE)	532	-	527581 185180
54	Contemporary Trade Directory Entries Name: Kara Services Location: 38, Fellows Road, Londor Classification: Cleaning Services - Dome Status: Inactive Positional Accuracy: Automatically positioned	estic	A8NE (SE)	497	-	527417 184459
55	Contemporary Trade Directory Entries Name: Hot Chiu Location: Garden Flat, 26, Fitzjohns Classification: Food Products - Manufact Status: Inactive Positional Accuracy: Automatically positioned		A12SE (W)	502	-	526607 184839
56	Contemporary Trade Directory Entries Name: The Tavistock & Portman Location: 120 Belsize Lane, Londor Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned	n, NW3 5BA	A12SE (W)	526	-	526612 184688
57	Contemporary Trade Directory Entries Name: Scotts Location: Flat 15, Bray, Fellows Ro Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned		A8NE (S)	535	-	527247 184337
58	Contemporary Trade Directory Entries Name: Clean 4 You Location: 55, Belsize Park, London Classification: Cleaning Services - Dome Status: Inactive Positional Accuracy: Automatically positioned	estic	A12SE (SW)	542	-	526650 184571
59	Contemporary Trade Directory Entries Name: The Royal Free Hospital Location: Royal Free Hospital, Pon-Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned	d Street, London, NW3 2QG	A18SE (N)	547	-	527297 185410
59	Contemporary Trade Directory Entries Name: The Royal Free Hospital Location: Pond Street, London, NW. Classification: Hospitals Status: Active Positional Accuracy: Manually positioned within	/3 2QG	A18SE (N)	547	-	527297 185410
59	Contemporary Trade Directory Entries Name: The Royal Free Hospital: Location: Royal Free Hospital, Pon- Classification: Corrosion Prevention & C Status: Inactive Positional Accuracy: Automatically positioned	d Street, London, NW3 2QG control	A18SE (N)	547	-	527297 185410
60	Contemporary Trade Directory Entries Name: Bloomsbury Dsp Location: 77b, Fleet Road, London, Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned		A18SE (NE)	601	-	527442 185404
61	Contemporary Trade Directory Entries Name: Plycraft Industries Location: 7, Parkhill Road, London, Classification: Furniture Manufacturers - Status: Inactive Positional Accuracy: Automatically positioned	NW3 2YH Home & Office	A14NW (E)	606	-	527746 184892



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	Contemporary Trade Directory Entries Name: Cork & Bottle Wines Ltd Location: 47, Ainger Road, London, NW3 3AH Classification: Bottle Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	987	-	527797 184141
120	Fuel Station Entries Name: Belsize Park Service Station Location: Belzier Park Service Station, 215, Haverstock Hill, London, NW3 4QE Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A18SE (N)	343	-	527187 185227
121	Fuel Station Entries Name: Hampstead Service Station Location: 104a, Finchley Road, London, NW3 5EY Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A12SE (SW)	707	-	526471 184554
122	Fuel Station Entries Name: Court Service Station Location: 160a Malden Road, Kentish Town, LONDON, NW5 4BT Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A14NE (E)	948	-	528033 185200
123	Points of Interest - Commercial Services Name: Targus Seatrade Location: 201 Haverstock Hill, London, NW3 4QG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	271	7	527272 185121
124	Points of Interest - Commercial Services Name: Haywood Motors (Fleetmead) Location: 23A Lambolle Place, London, NW3 4PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	311	7	527361 184663
124	Points of Interest - Commercial Services Name: Belsize Motors Location: 23 Lambolle Place, London, NW3 4PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	311	7	527361 184662
124	Points of Interest - Commercial Services Name: Haywood Motors Location: A 23 Lambolle Place, London, NW3 4PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	311	7	527361 184663
124	Points of Interest - Commercial Services Name: Belsize Motors Location: A 23 Lambolle Place, London, NW3 4PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	311	7	527361 184663
124	Points of Interest - Commercial Services Name: Haywood Motors Location: 23A Lambolle Place, London, NW3 4PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	311	7	527361 184662
124	Points of Interest - Commercial Services Name: Belsize Motors Location: 23a Lambolle Place, London, NW3 4PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	311	7	527361 184663



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	Name: Location: Category: Class Code:	Commercial Services Court Service Station 160 Malden Road, London, NW5 4BT Repair and Servicing Vehicle Repair, Testing and Servicing Positioned to address or location	A14NE (E)	954	7	528053 185158
139	Name: Location: Category: Class Code:	Commercial Services Automotive Couture UK Ltd 186 Finchley Road, London, NW3 6BX Repair and Servicing Vehicle Repair, Testing and Servicing Positioned to address or location	A12NW (W)	973	7	526151 185030
140	Name: Location: Category: Class Code:	Commercial Services Abbey Asbestos Management Ltd Flat 50 Penshurst, Queens Crescent, London, NW5 3QH Recycling Services Recycling, Reclamation and Disposal Positioned to address or location	A14SE (E)	973	7	528090 184672
141	Name: Location: Category: Class Code:	Education and Health Daleham House 5 Daleham Gardens, London, NW3 5BY Health Practitioners and Establishments Hospitals Positioned to address or location	A12SE (W)	445	7	526684 184727
142	Name: Location: Category: Class Code:	Education and Health Eating Disorders Intensive Service Royal Free Hospital, Pond Street, London, NW3 2QG Health Practitioners and Establishments Hospitals Positioned to address or location	A18SE (N)	547	7	527297 185410
142	Name: Location: Category: Class Code:	Education and Health Royal Free Hospital Royal Free Hospital, Pond Street, London, NW3 2QG Health Practitioners and Establishments Hospitals Positioned to address or location	A18SE (N)	547	7	527297 185410
142	Name: Location: Category: Class Code:	Education and Health Royal Free Hospital Royal Free Hospital, Pond Street, London, NW3 2QG Health Practitioners and Establishments Hospitals Positioned to address or location	A18SE (N)	547	7	527297 185410
142	Name: Location: Category: Class Code:	Education and Health Royal Free Hospital Royal Free Hospital, Pond Street, London, NW3 2QG Health Practitioners and Establishments Accident & Emergency Department Positioned to address or location	A18SE (N)	547	7	527297 185410
142	Name: Location: Category: Class Code:	Education and Health Royal Free Hospital Royal Free Hospital, Pond Street, London, NW3 2QG Health Practitioners and Establishments Accident & Emergency Department Positioned to address or location	A18SE (N)	576	7	527240 185454
143	Name: Location: Category: Class Code:	Manufacturing and Production Zarka Marble Ltd 43 Belsize Lane, London, NW3 5AU Extractive Industries Stone Quarrying and Preparation Positioned to address or location	A13NW (W)	254	7	526861 184917
143	Name: Location: Category: Class Code:	Manufacturing and Production Zarka Marble Ltd 43 Belsize Lane, London, NW3 5AU Extractive Industries Stone Quarrying and Preparation Positioned to address or location	A13NW (W)	254	7	526861 184917
144	Name: Location: Category: Class Code:	Manufacturing and Production Works Not Supplied Industrial Features Unspecified Works Or Factories Positioned to an adjacent address or location	A18NE (N)	864	7	527251 185744



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	Name: Location: Category: Class Code:	Recreational and Environmental Playground Eton College Road, NW3 Recreational Playgrounds Positioned to address or location	A9NE (SE)	984	7	528008 184419
160	Name: Location: Category: Class Code:	Recreational and Environmental Playground Not Supplied Recreational Playgrounds Positioned to an adjacent address or location	A9NE (SE)	988	7	528011 184416
161	Name: Location: Category: Class Code:	Recreational and Environmental Play Area Broadhurst Gardens, NW6 Recreational Playgrounds Positioned to address or location	A12SW (W)	997	7	526127 184687
162	Underground Elect Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	cical Cables 265403 Commissioned Pilot (Communication) 4th June 2013	A13NW (W)	191	8	526920 184892
163	Underground Elect Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	rical Cables 265525 Commissioned Pilot (Communication) 4th June 2013	A13NW (W)	193	8	526919 184892
164	Underground Elect Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	cical Cables 264253 Commissioned Pilot (Communication) 4th June 2013	A13NW (W)	226	8	526894 184930
165	Underground Electi Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	rical Cables 265545 Commissioned Pilot (Communication) 4th June 2013	A13NW (W)	232	8	526888 184934
166	Underground Election Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	rical Cables 265402 Commissioned Pilot (Communication) 4th June 2013	A13SW (SW)	313	8	526882 184645
167	Underground Election Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	rical Cables 265524 Commissioned Pilot (Communication) 4th June 2013	A13SW (SW)	314	8	526880 184644
168	Underground Election Unique Feature Identifier: Cable Status: Cable Type: Record Last Updated:	rical Cables 264471 Commissioned Pilot (Communication) 4th June 2013	A7NE (SW)	559	8	526775 184412



Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Nature Rese	rves				
196	Name: Multiple Area: Area (m2): Source: Designation Date:	Belsize Wood N 2723.06 Natural England 1st October 2004	A19SW (NE)	484	9	527492 185214



Data Suppliers

A selection of organisations who provide data within this report

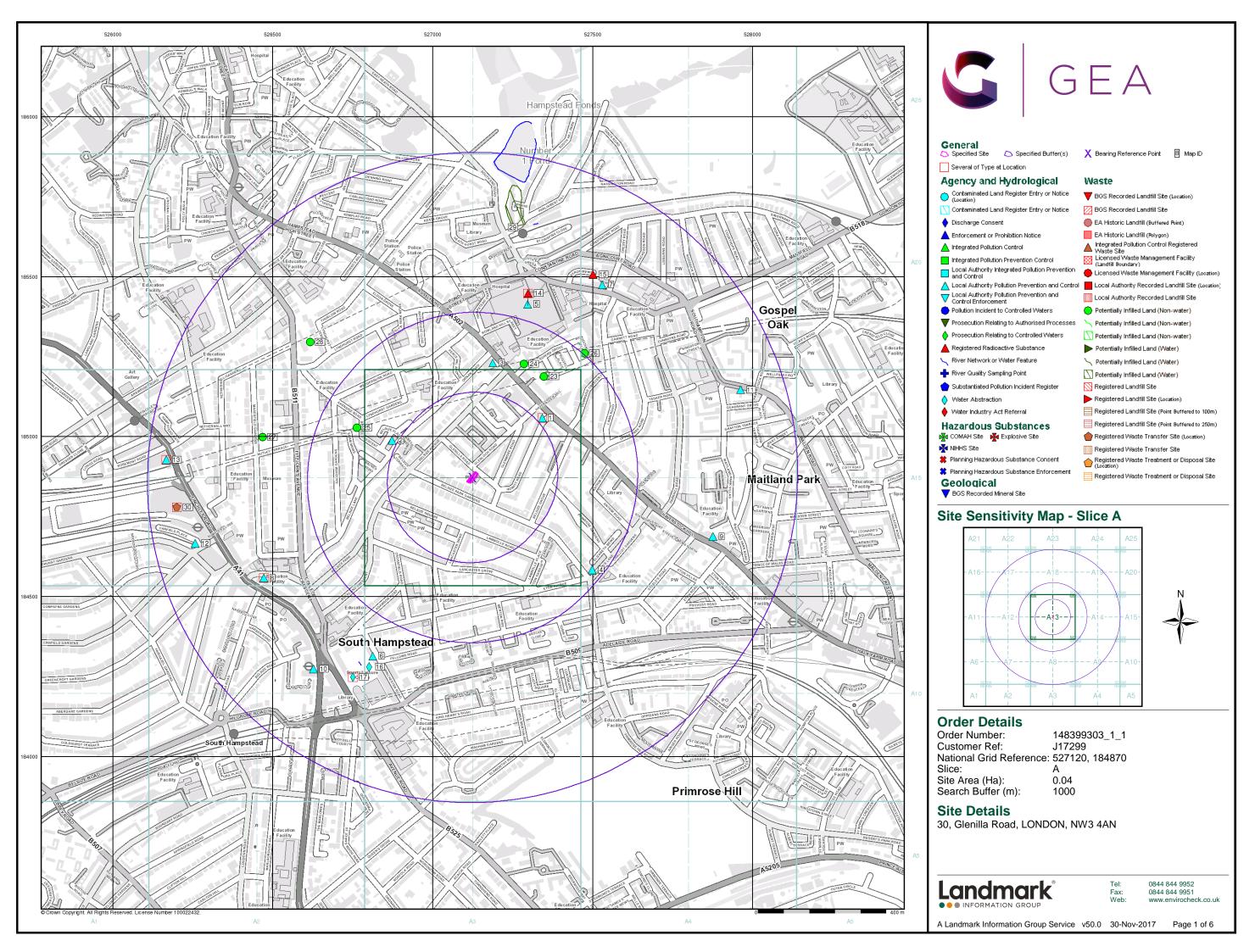
Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE WASA
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	peterbrett

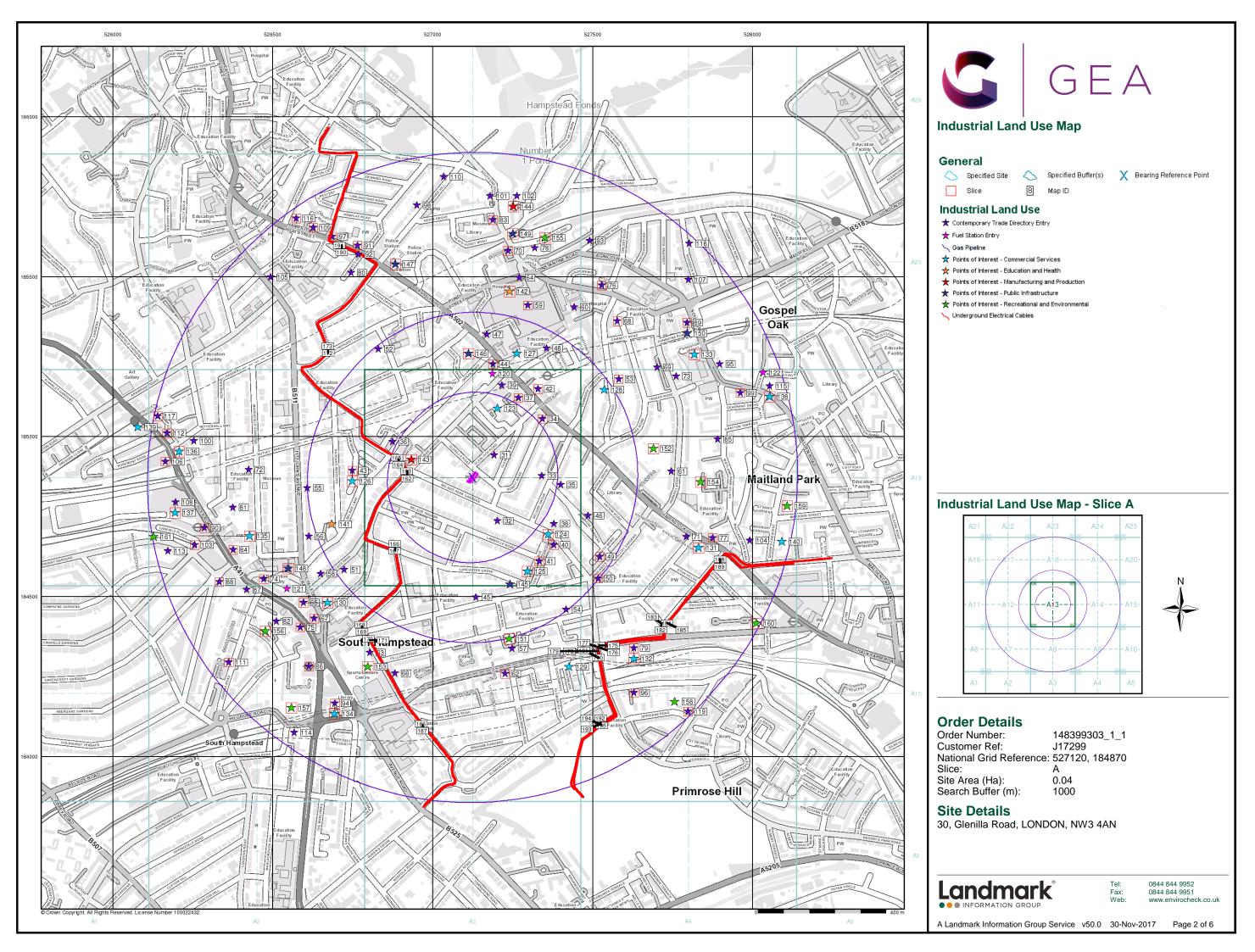


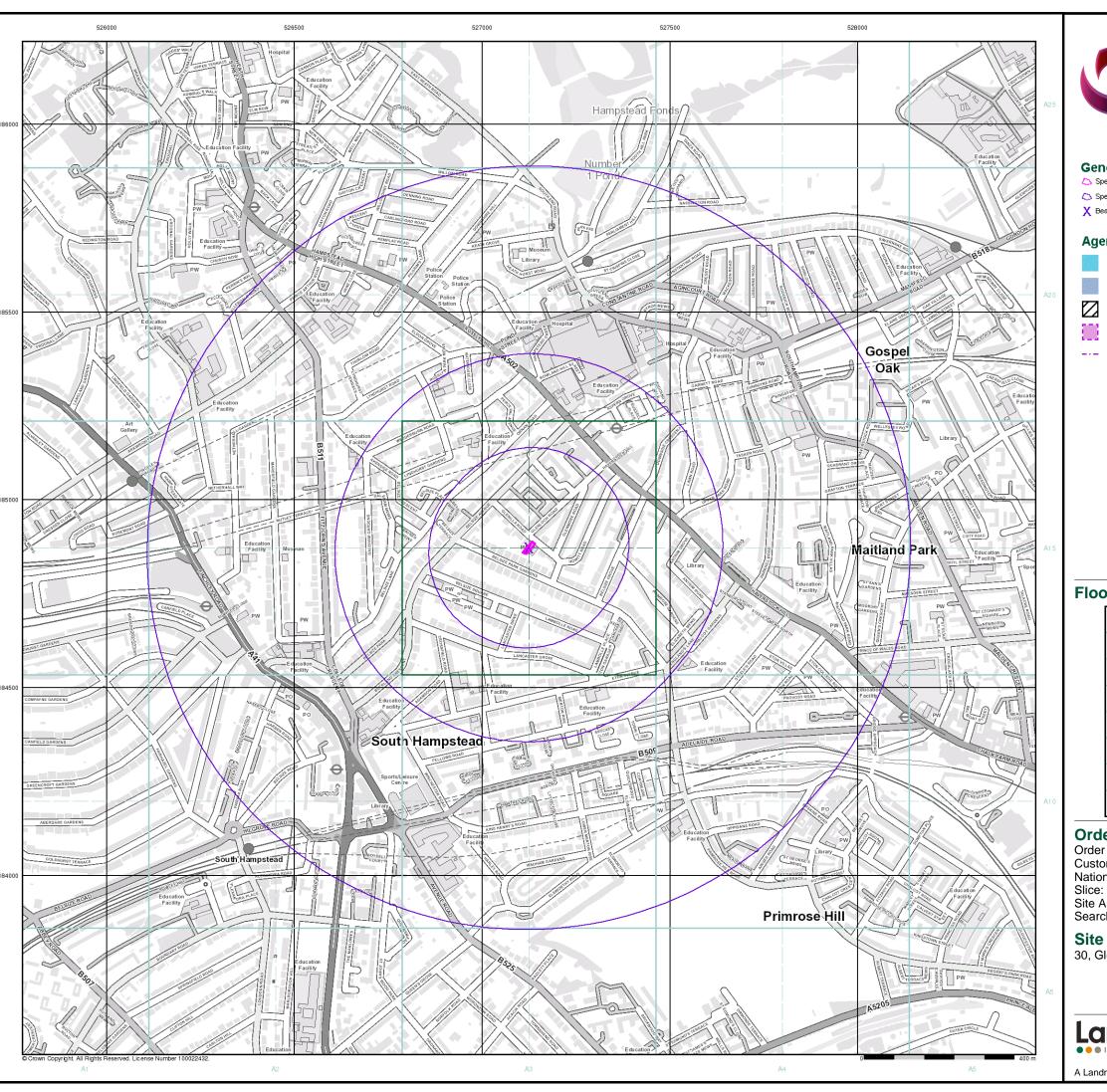
Useful Contacts

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	London Borough of Camden - Pollution Projects Team Seventh Floor, Town Hall Extension, Argyle Street, London, WC1H 8EQ	Telephone: 020 7278 4444 Fax: 020 7860 5713 Website: www.camden.gov.uk
3	London Borough of Waltham Forest - Environmental Health Department 154 Blackhorse Road, Walthamstow, London, E17 6NW	Telephone: 020 8496 3000 Fax: 0181 524 8960 Website: www.lbwf.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 023 8079 2000 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	London Borough of Camden Town Hall, Judd Street, London, WC1H 9JE	Telephone: 020 7974 4444 Fax: 020 7974 6866 Email: info@camden.gov.uk Website: www.camden.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

 $Please\ note\ that\ the\ Environment\ Agency\ /\ Natural\ Resources\ Wales\ /\ SEPA\ have\ a\ charging\ policy\ in\ place\ for\ enquiries.$









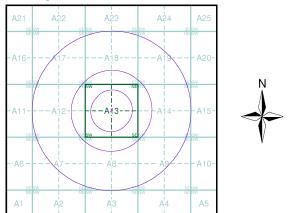
General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- --- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 148399303_1_1

Customer Ref: J17299 National Grid Reference: 527120, 184870

Site Area (Ha): Search Buffer (m): 0.04 1000

Site Details

30, Glenilla Road, LONDON, NW3 4AN

Landmark

0844 844 9952 0844 844 9951

A Landmark Information Group Service v50.0 30-Nov-2017 Page 3 of 6