

GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

Telephone:- 01327 860947/860060 Fax:- 01327 860430 Email: groundtech@listersgeotechnics.co.uk

PROJECT INFORMATION		SAMPLE INFORMATION		
Site Location:-	Latchmere House, Church Road, Ham Common, Richmond, Surrey	Laboratory Tests Undertaken:-		
Client:-	Jones Lang Lasalle	TEST TYPE	TEST METHOD	TESTED
Client Reference:-	-	Natural Moisture Contents (MC%)	(BS 1377:Part 2:1990 Clause 3.2)	✓
Date Samples Received:-	25th July 2012	Liquid Limits (%)	(BS 1377:Part 2:1990 Clause 4.3)	✓
Date Testing Completed:-	23rd August 2012	Plastic Limits (%)	(BS 1377:Part 2:1990 Clause 5.3)	✓
		Plasticity Index (%)	(BS 1377:Part 2:1990 Clause 5.4)	✓
		Linear Shrinkage (%)	(BS 1377:Part 2:1990 Clause 6.5)	
		PSD - Wet Sieving	(BS 1377:Part 2:1990 Clause 9.2)	✓
		Engineering Sample Descriptions	(BS 5930 : Section 6)	
		Passing 425/63 (µm)	-	✓
		Hydrometer	(BS 1377:Part 2:1990 Clause 9.5)	
		Loss on Ignition (%)	-	✓
		Soil Suctions (kPa)	BRE Digest IP 4/93, 1993	
		Bulk Density (Mg/m ³)	(BS 1377:Part 2:1990 Clause 7.2)	
		Strength Tests	(BS 1377:Part 7:1990 Clause 8 & 9)	
		Soluble Sulphate Content (SO ⁴ g/l)	(BS 1377:Part 3:1990 Clause 5.3)	✓
		pH value	(BS 1377:Part 3:1990 Clause 9.4)	✓
		California Bearing Ratios (CBR)	(BS 1377:Part 4:1990 Clause 7)	
		Compaction Tests	(BS 1377:Part 4:1990 Clauses 3.0-3.6)	
The results relate only to the samples tested				
This test-report may not be reproduced, except with full and written approval of GROUNDTECH LABORATORIES		Laboratory testing in accord with BS EN ISO/IEC 17025-2000 and Quality Management in accord with ISO 9001		
Signed on behalf of GroundTech Laboratories:- _____			Technical Signatory	Quality Assured to ISO 9001
Report Date August 2012	GEOTECHNICAL LABORATORY TEST RESULTS			Project Ref 12.07.020

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SAMPLES				CLASSIFICATION TESTS						CLASSIFICATION TESTS						STRENGTH TESTS					CHEMICAL TESTS									
Test Location	Sample Type	Sample Depth -m	Test Type	MC %	LL %	PL %	PI %	Passing 425 µm %	Modified PI %	Class	Passing 63 µm %	MC/LL	PL+2%	Liquidity Index	Loss on Ignition %	Soil Suction kPa	Bulk Density Mg/m ³	Test Type	Cell Pressure kN/m ²	Deviator Stress kN/m ²	Apparent Cohesion kN/m ²	φ	pH Value	Soluble Sulphate Content SO ₄ g/l						
CT 1	D	0.10	PSD	6											3								5.0	0.06						
	D	0.50		2																										
	D	1.00		12																										
	D	1.60		9																										
	D	2.00		7																										
CT 2	D	0.10	PSD	8											3								6.1	0.12						
	D	0.50		7																										
	D	0.90		10																										
	D	1.50		6																										
	D	2.00		4																										
CT 3	D	2.50	PSD	7																										
	D	0.10	PSD	12											3								6.1	0.12						
	D	0.60		12																										
	D	1.00		17																										
	D	1.60		19																										
D	1.75	8																												
CT 4	D	2.00	PSD	4																										
	D	2.50		4																										
	D	0.12		18																										
Symbols:				U	Undisturbed Sample					R	Remoulded					PI	Plasticity Index					T	Triaxial Undrained					L	100mm specimen	
				D	Disturbed Sample					63	Passing 63µm					F	Filter Paper Suction Tests					M	Multistage Triaxial					S	38mm specimen	
				B	Bulk Sample					H	Hydrometer					CC	Continuous Core					HP	Hand Penetrometer							
				W	Water Sample					PSD	Wet Sieving					V	Vane Test													
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CT 4	D	0.40	PSD	16											3								6.6	0.08						
	D	0.90		13																										
	D	1.50		7																										
	D	2.10		7																										
	D	2.50		11																										
	D	3.00		14																										
	D	3.50		13																										
CT 5	D	4.00	10																											
	D	0.10	PSD	6											4															
	D	0.70		15																										
	D	1.10		13																										
	D	1.50		7																										
	D	2.00		6																										
	D	2.50		6																										
	D	3.00		11																										
	D	3.50		12																										
	D	4.00		13																										
D	4.50	9																												
CT 6	D	0.10		10										3																
Symbols:				U	Undisturbed Sample					R	Remoulded					PI	Plasticity Index					T	Triaxial Undrained					L	100mm specimen	
				D	Disturbed Sample					63	Passing 63µm					F	Filter Paper Suction Tests					M	Multistage Triaxial					S	38mm specimen	
				B	Bulk Sample					H	Hydrometer					CC	Continuous Core					HP	Hand Penetrometer							
				W	Water Sample					PSD	Wet Sieving					V	Vane Test													
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CT 6	D	0.60	PSD	6																			6.1	0.12						
	D	0.90		9																										
	D	1.40		6																										
	D	2.00		5																										
	D	2.50		4																										
CT 7	D	0.10	PSD	11										3																
	D	0.50		6																										
	D	1.10		4																										
CT 8	D	1.50	PSD	4										4																
	D	0.10		13																										
	D	0.50		10																										
	D	1.10		8																										
	D	1.50		10																										
CT 9	D	2.00	PSD	10																										
	D	2.50		7																										
	D	0.20		7																										
	D	0.50		13																										
	D	1.00	PSD	15																										
	D	1.60		5																										
Symbols:				U	Undisturbed Sample					R	Remoulded					PI	Plasticity Index					T	Triaxial Undrained					L	100mm specimen	
				D	Disturbed Sample					63	Passing 63µm					F	Filter Paper Suction Tests					M	Multistage Triaxial					S	38mm specimen	
				B	Bulk Sample					H	Hydrometer					CC	Continuous Core					HP	Hand Penetrometer							
				W	Water Sample					PSD	Wet Sieving					V	Vane Test													
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CT 9	D	2.00		15																			6.6	0.08						
	D	2.50	PSD	13																										
CT 10	D	0.13		7											4															
	D	0.40		17																										
	D	1.10		18																										
	D	1.70		10																										
	D	2.00	PSD	10																										
	D	2.50		12																										
CT 11	D	0.10		14											3															
	D	0.50		11																										
	D	1.00	PSD	10																										
	D	1.50		12																										
	D	2.00		6																										
	D	2.50	PSD	6																										
CT 12	D	0.10		10											5															
	D	0.40		9																			7.0	0.10						
	D	0.90		8																										
	D	1.50	PSD	8																										
	D	2.00		4																										
Symbols:				U	Undisturbed Sample					R	Remoulded					PI	Plasticity Index					T	Triaxial Undrained					L	100mm specimen	
				D	Disturbed Sample					63	Passing 63µm					F	Filter Paper Suction Tests					M	Multistage Triaxial					S	38mm specimen	
				B	Bulk Sample					H	Hydrometer					CC	Continuous Core					HP	Hand Penetrometer							
				W	Water Sample					PSD	Wet Sieving					V	Vane Test													
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CT 12	D	2.50	PSD	6																										
	D	3.00		10																										
	D	3.50		5																										
	D	4.00		13																										
	D	4.50		14																										
CT 13	D	0.10	PSD	14											8															
	D	0.40		4																										
	D	1.00		7																										
	D	1.50		7																										
	D	2.10		6																										
CT 14	D	2.50	PSD	7																										
	D	0.05		8																										
	D	0.25		14												3								7.0	0.21					
	D	0.60		7																										
	D	1.00		14																										
CT 15	D	1.50	PSD	13																										
	D	2.00		4																										
	D	2.50		3																										
D	0.07	6																												
Symbols:				U	Undisturbed Sample					R	Remoulded					PI	Plasticity Index					T	Triaxial Undrained					L	100mm specimen	
				D	Disturbed Sample					63	Passing 63µm					F	Filter Paper Suction Tests					M	Multistage Triaxial					S	38mm specimen	
				B	Bulk Sample					H	Hydrometer					CC	Continuous Core					HP	Hand Penetrometer							
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CT 15	D	0.25	PSD	7																										
	D	0.50		6																										
	D	1.00		12																										
	D	1.50		10																										
	D	2.00		4																										
	D	2.50		5																										
	D	3.00		18																										
	D	3.50		13																										
	D	4.00		12																										
	D	4.50		13																										
CT 16	D	5.00	PSD	10																										
	D	5.50		13																										
	D	0.10		11												4														
	D	0.50		5																										
	D	1.00		11																										
	D	1.60		6																										
	D	2.00		5																										
D	2.50	7																												
D	3.00	13																												
Symbols:				U	Undisturbed Sample					R	Remoulded					PI	Plasticity Index					T	Triaxial Undrained					L	100mm specimen	
				D	Disturbed Sample					63	Passing 63µm					F	Filter Paper Suction Tests					M	Multistage Triaxial					S	38mm specimen	
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				W	Water Sample					PSD	Wet Sieving					V	Vane Test													
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CT 16	D	3.50	PSD	11																										
	D	4.00		16																										
	D	4.50		20																										
CT 17	D	0.10	PSD	5																										
	D	0.30		9																										
	D	0.90		16																										
CT 18	D	1.50	PSD	11																										
	D	2.00		8																										
	D	2.50		6																										
	D	0.10		17												4														
	D	0.40		13																				7.2	0.04					
D	1.00	8																												
D	1.50	8																												
D	1.90	7																												
Symbols:				U	Undisturbed Sample					R	Remoulded					PI	Plasticity Index					T	Triaxial Undrained					L	100mm specimen	
				D	Disturbed Sample					63	Passing 63µm					F	Filter Paper Suction Tests					M	Multistage Triaxial					S	38mm specimen	
				B	Bulk Sample					H	Hydrometer					CC	Continuous Core					HP	Hand Penetrometer							
				W	Water Sample					PSD	Wet Sieving					V	Vane Test													
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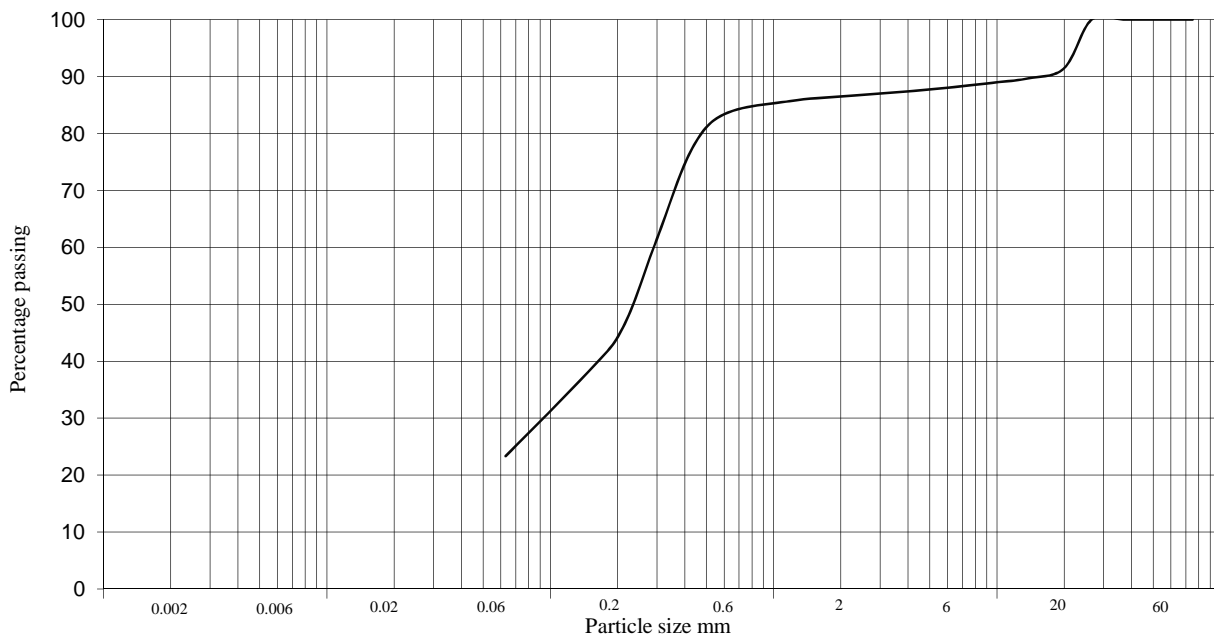
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 1	50mm			
Sample Depth:	1.00m -1.60m	37.5mm			
Sample Description:		26.5mm			
		20mm	91.50		
		14mm	89.72		
		10mm	89.00		
		6.3mm	88.13		
		5mm	87.72		
Hydrometer No.:		3.5mm	87.17		
SG Gs:		2mm	86.48		
Water Visc. (N):		1.18mm	85.69		
Dry Mass of Soil after pretreatment (g):		600µm	83.39		
		425µm	76.89		
		300µm	61.53		
		212µm	46.02		
		150µm	38.42		
		63µm	23.33		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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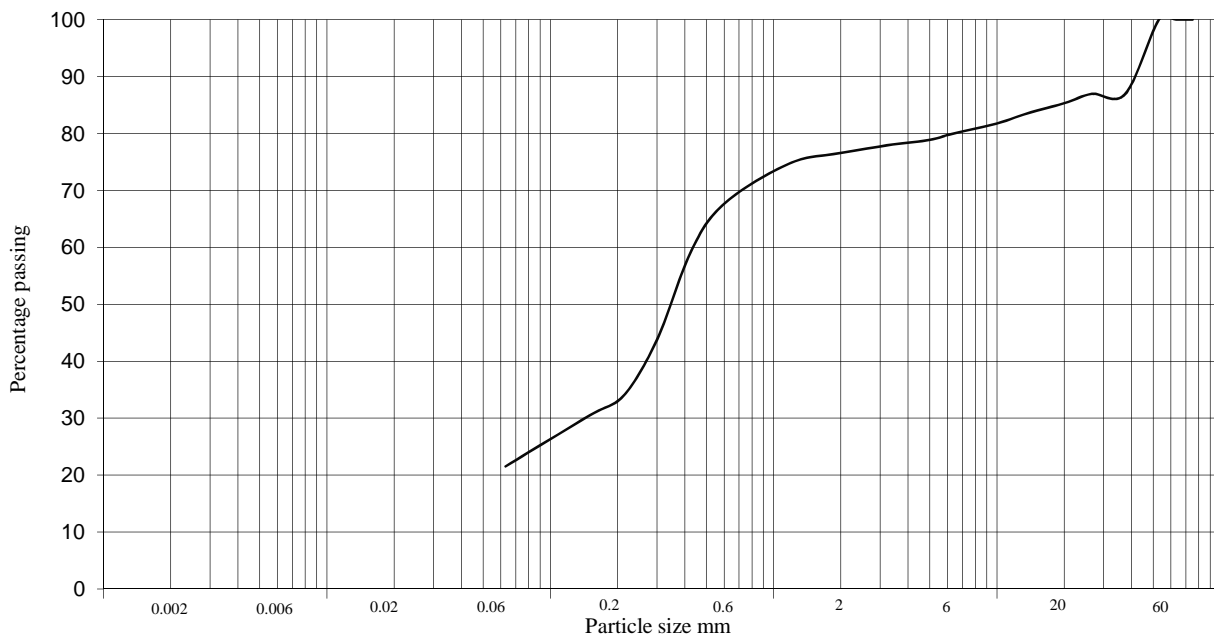
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Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 2 Sample Depth: 0.90m -1.50m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
		75mm			
		63mm			
		50mm			
		37.5mm	86.93		
		26.5mm			
		20mm			
		14mm	83.65		
		10mm	81.76		
		6.3mm	79.93		
		5mm	78.86		
		3.5mm	78.00		
		2mm	76.54		
		1.18mm	74.74		
		600µm	67.65		
		425µm	59.16		
		300µm	43.74		
		212µm	33.87		
		150µm	30.49		
		63µm	21.52		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

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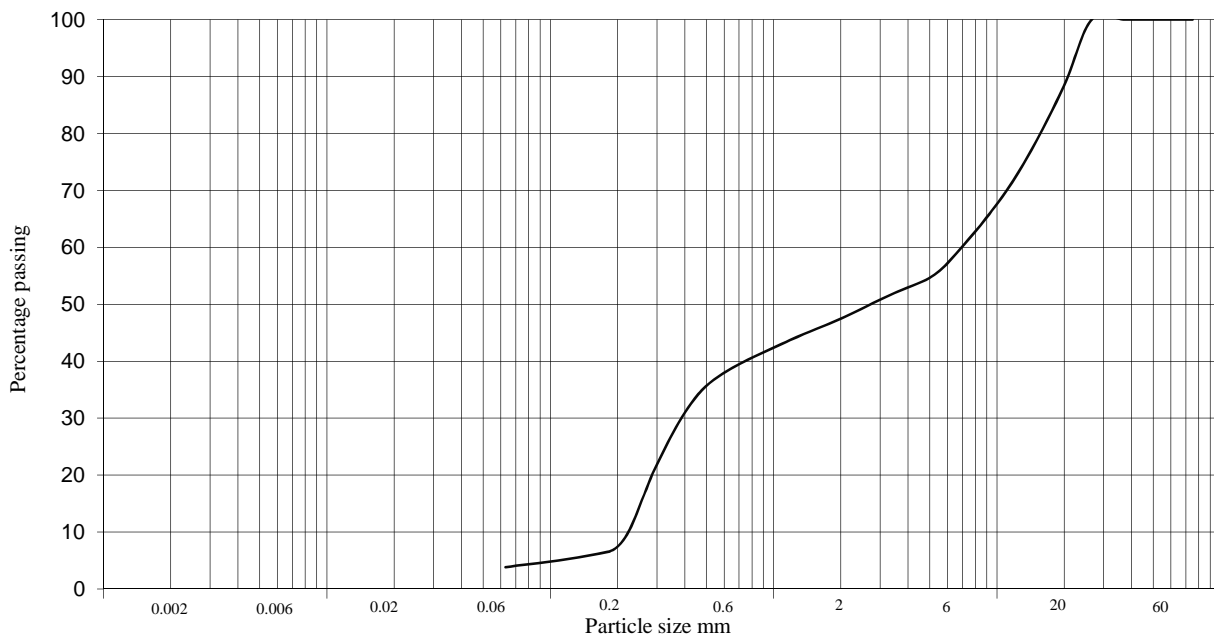
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 2	50mm			
Sample Depth:	2.50m -3.00m	37.5mm			
Sample Description:		26.5mm			
		20mm	88.52		
		14mm	76.58		
		10mm	67.64		
		6.3mm	58.12		
		5mm	54.68		
Hydrometer No.:		3.5mm	51.72		
SG Gs:		2mm	47.48		
Water Visc. (N):		1.18mm	43.68		
Dry Mass of Soil after pretreatment (g):		600µm	37.97		
		425µm	32.50		
		300µm	21.90		
		212µm	8.54		
		150µm	5.91		
		63µm	3.81		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

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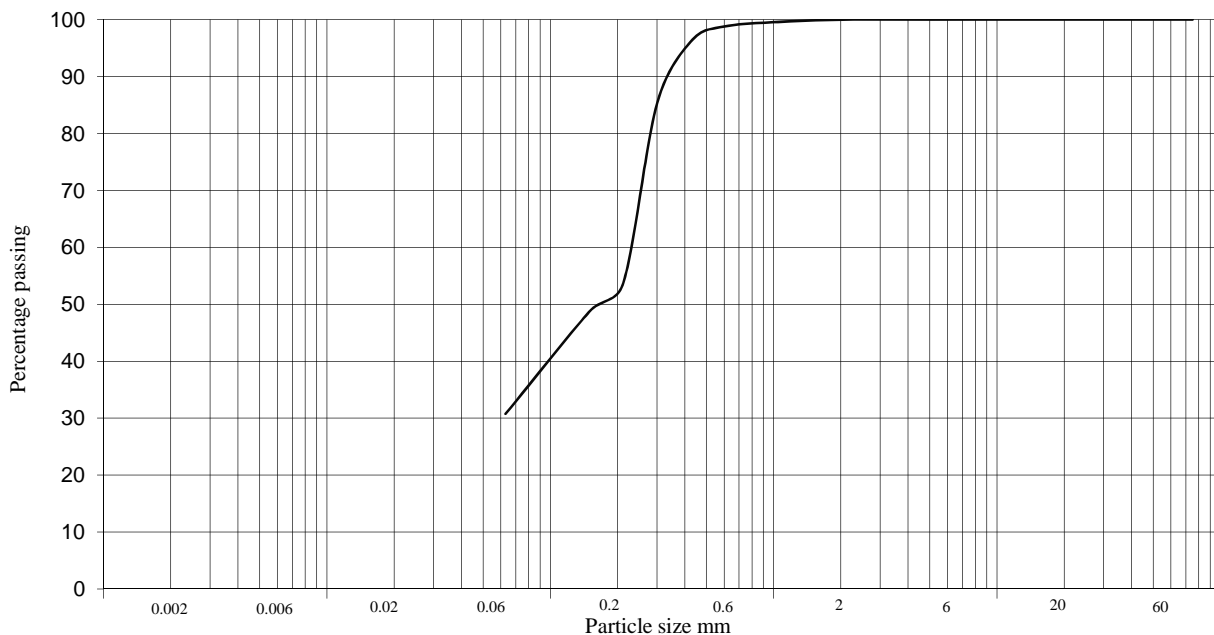
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Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 3 Sample Depth: 1.00m -1.60m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
		75mm			
		63mm			
		50mm			
		37.5mm			
		26.5mm			
		20mm			
		14mm			
		10mm			
		6.3mm			
		5mm			
		3.5mm			
		2mm			
		1.18mm	99.67		
		600µm	98.79		
		425µm	96.12		
		300µm	85.23		
		212µm	53.75		
		150µm	48.78		
		63µm	30.76		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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Geotechnical Testing Facility

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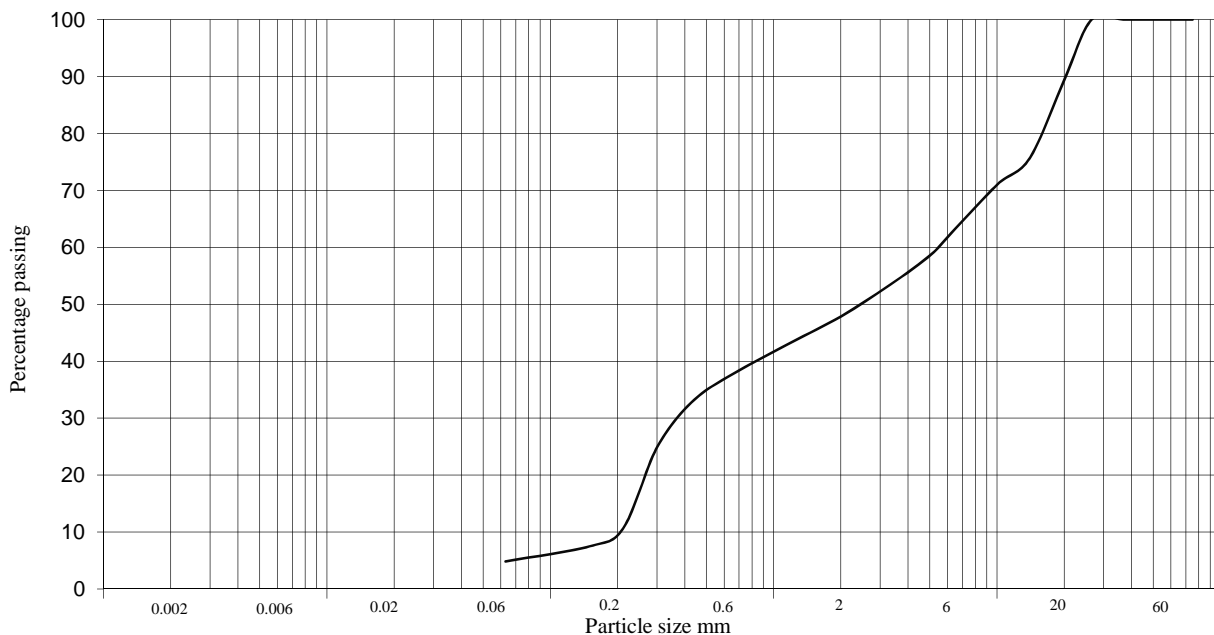
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 3	50mm			
Sample Depth:	2.00m -2.50m	37.5mm			
Sample Description:		26.5mm			
		20mm	89.45		
		14mm	75.70		
		10mm	71.00		
		6.3mm	62.71		
		5mm	58.56		
Hydrometer No.:		3.5mm	53.57		
SG Gs:		2mm	47.87		
Water Visc. (N):		1.18mm	43.19		
Dry Mass of Soil after pretreatment (g):		600µm	36.89		
		425µm	32.63		
		300µm	24.86		
		212µm	10.69		
		150µm	7.50		
		63µm	4.84		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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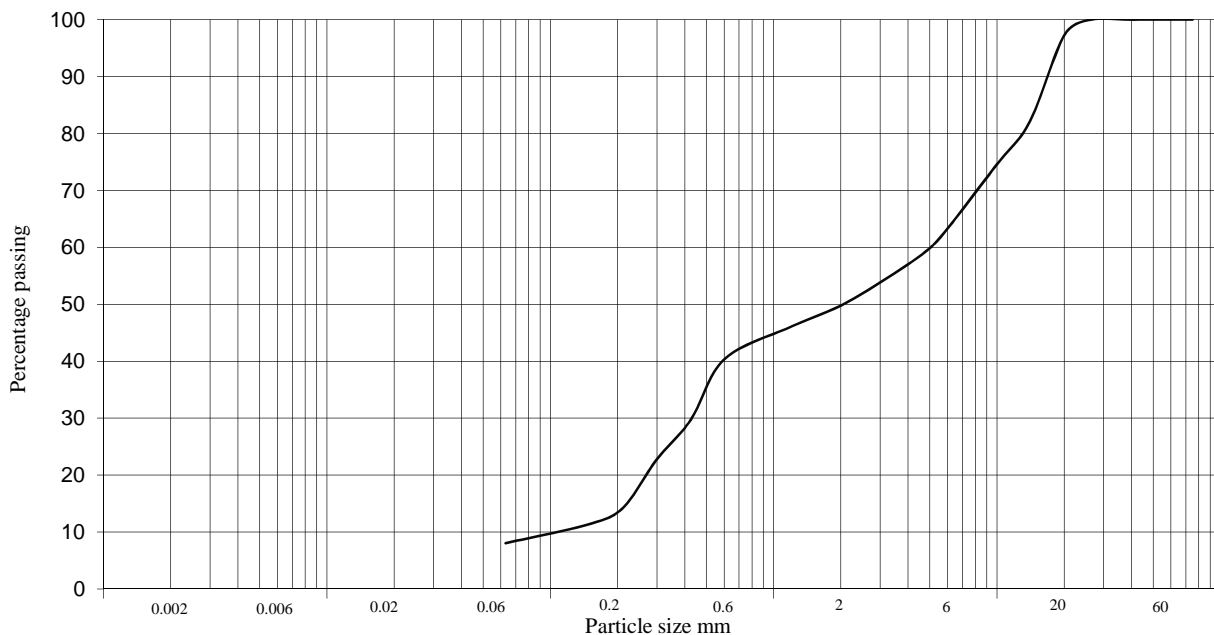
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Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 4	50mm			
Sample Depth:	1.50m -2.10m	37.5mm			
Sample Description:		26.5mm			
		20mm	97.27		
		14mm	82.08		
		10mm	74.62		
		6.3mm	64.37		
		5mm	59.89		
Hydrometer No.:		3.5mm	55.05		
SG Gs:		2mm	49.81		
Water Visc. (N):		1.18mm	45.98		
Dry Mass of Soil after pretreatment (g):		600µm	40.33		
		425µm	29.72		
		300µm	22.81		
		212µm	14.32		
		150µm	11.42		
		63µm	8.05		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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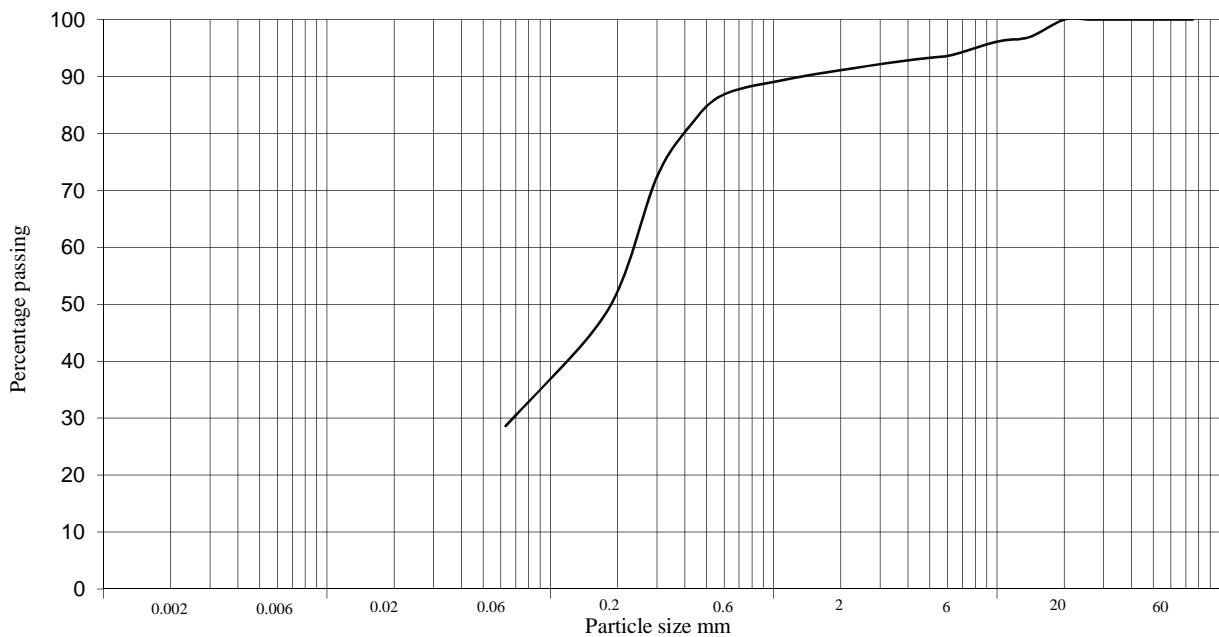
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Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 5	50mm			
Sample Depth:	1.10m -1.50m	37.5mm			
Sample Description:		26.5mm			
		20mm			
		14mm	96.94		
		10mm	96.13		
		6.3mm	93.79		
		5mm	93.30		
Hydrometer No.:		3.5mm	92.46		
SG Gs:		2mm	91.11		
Water Visc. (N):		1.18mm	89.60		
Dry Mass of Soil after pretreatment (g):		600µm	86.86		
		425µm	81.51		
		300µm	72.39		
		212µm	54.68		
		150µm	44.53		
		63µm	28.60		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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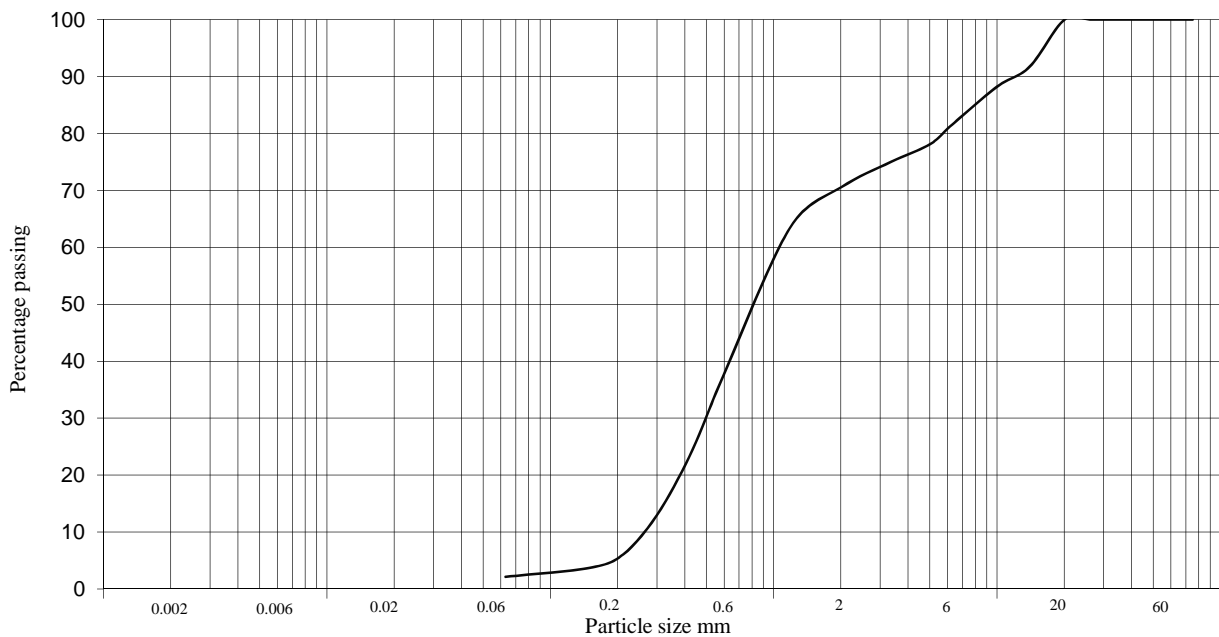
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 5 Sample Depth: 4.00m -4.50m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		75mm			
		63mm			
		50mm			
		37.5mm			
		26.5mm			
		20mm			
		14mm	91.75		
		10mm	88.25		
		6.3mm	81.59		
		5mm	78.11		
		3.5mm	75.02		
		2mm	70.56		
		1.18mm	63.40		
		600µm	37.83		
		425µm	23.79		
	300µm	12.99			
	212µm	6.09			
	150µm	3.69			
	63µm	2.13			



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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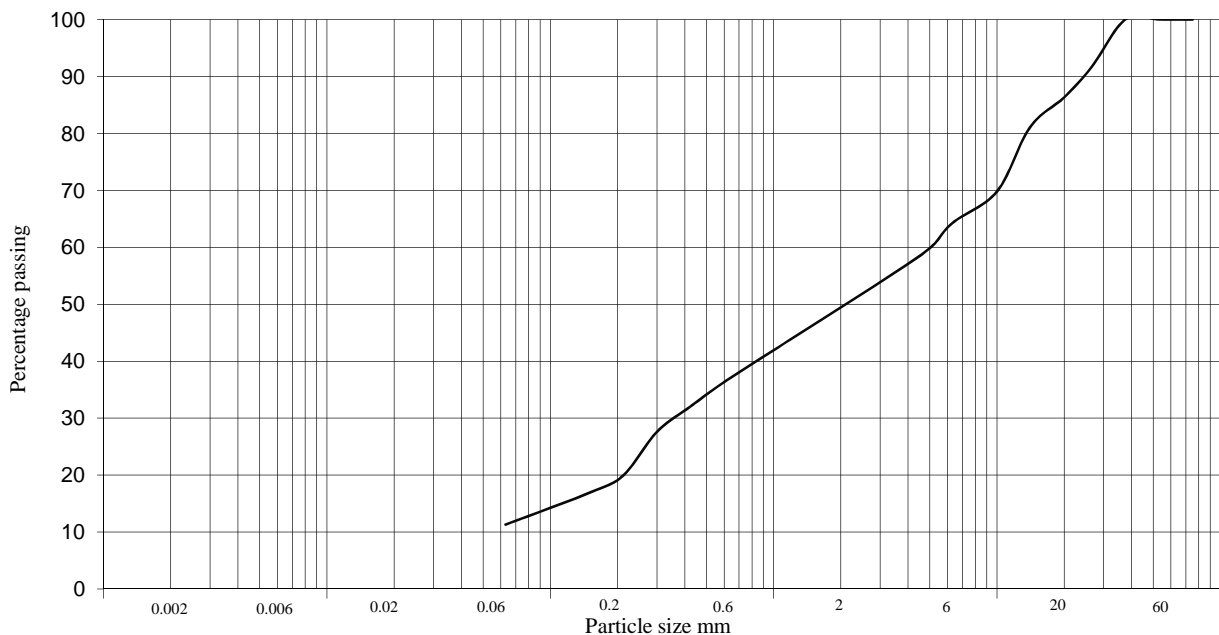
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Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 6	50mm			
Sample Depth:	1.40m -2.00m	37.5mm			
Sample Description:		26.5mm	91.67		
		20mm			
		14mm	81.04		
		10mm	69.83		
		6.3mm	64.25		
		5mm	59.84		
Hydrometer No.:		3.5mm	55.12		
SG Gs:		2mm	49.45		
Water Visc. (N):		1.18mm	43.74		
Dry Mass of Soil after pretreatment (g):		600µm	36.33		
		425µm	32.07		
		300µm	27.60		
		212µm	19.93		
		150µm	16.91		
		63µm	11.29		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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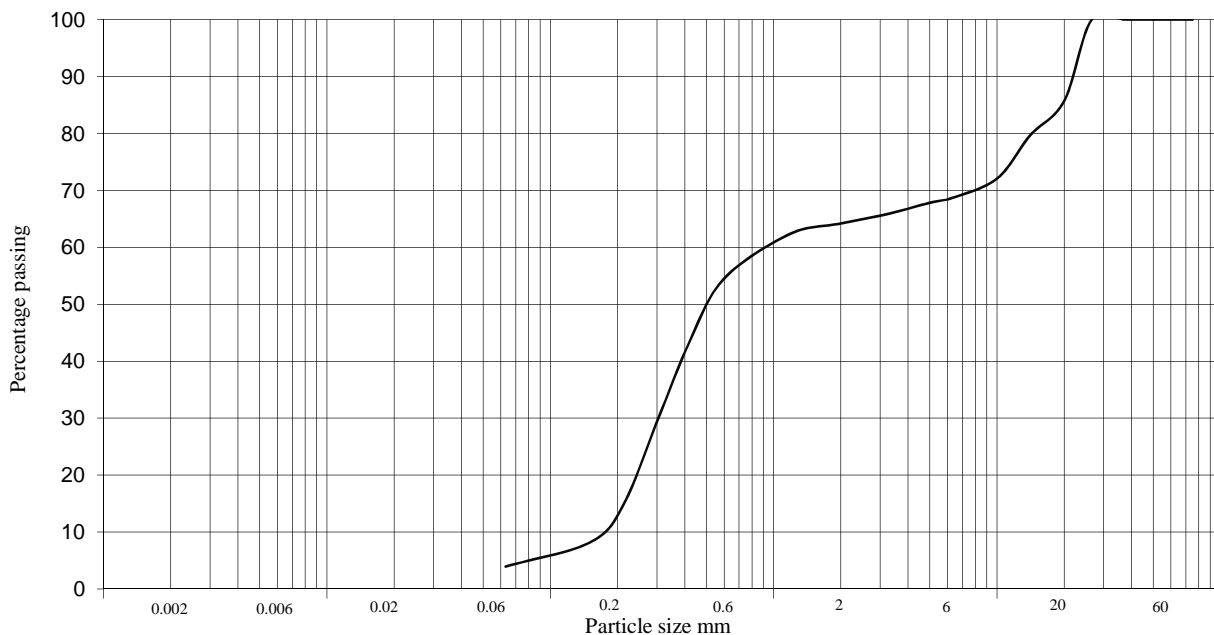
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Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 6	50mm			
Sample Depth:	2.50m -3.00m	37.5mm			
Sample Description:		26.5mm			
		20mm	85.77		
		14mm	79.59		
		10mm	72.09		
		6.3mm	68.68		
		5mm	67.84		
Hydrometer No.:		3.5mm	66.01		
SG Gs:		2mm	64.20		
Water Visc. (N):		1.18mm	62.35		
Dry Mass of Soil after pretreatment (g):		600µm	54.54		
		425µm	43.95		
		300µm	29.38		
		212µm	14.75		
		150µm	8.17		
		63µm	3.95		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

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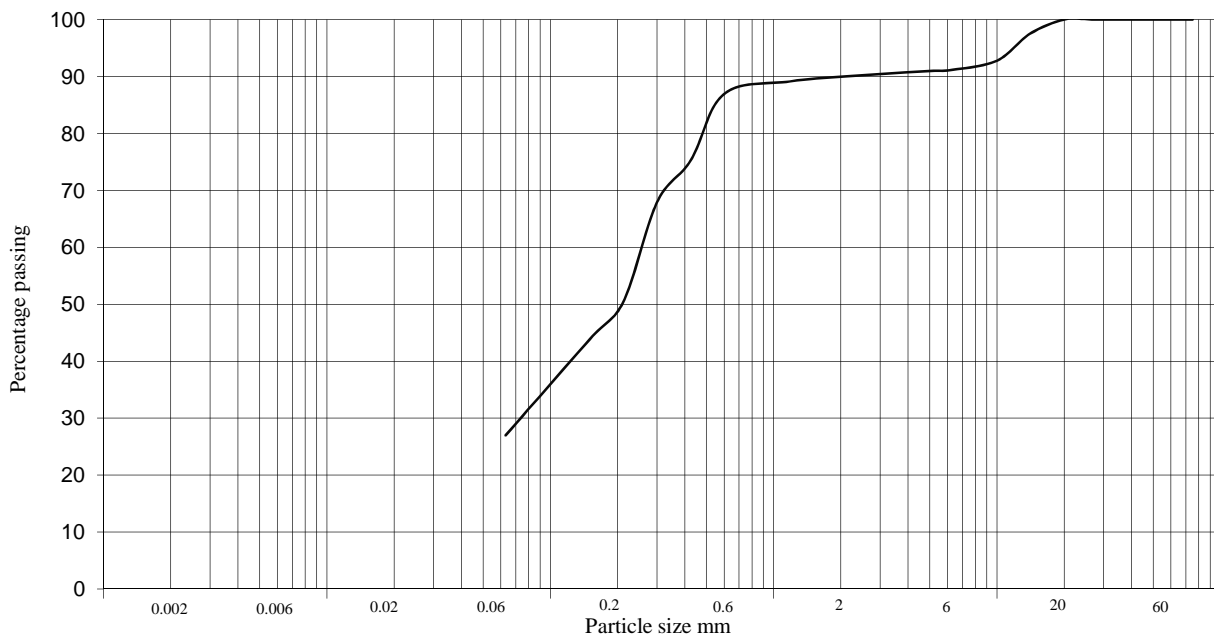
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Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 7	50mm			
Sample Depth:	0.50m -1.10m	37.5mm			
Sample Description:		26.5mm			
		20mm			
		14mm	97.46		
		10mm	92.77		
		6.3mm	91.14		
		5mm	90.94		
Hydrometer No.:		3.5mm	90.54		
SG Gs:		2mm	89.93		
Water Visc. (N):		1.18mm	89.10		
Dry Mass of Soil after pretreatment (g):		600µm	86.95		
		425µm	75.24		
		300µm	67.87		
		212µm	50.38		
		150µm	43.83		
		63µm	26.97		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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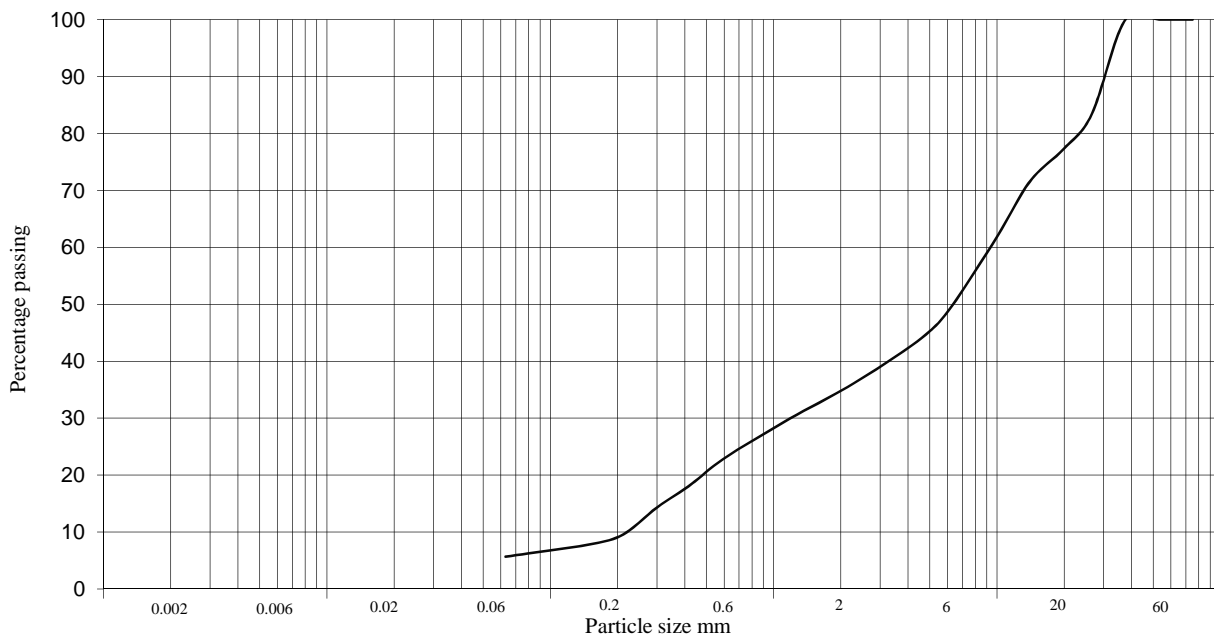
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Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 7	50mm			
Sample Depth:	1.50m -2.10m	37.5mm			
Sample Description:		26.5mm	83.31		
		20mm	77.39		
		14mm	71.53		
		10mm	61.87		
		6.3mm	49.79		
		5mm	45.27		
Hydrometer No.:		3.5mm	40.25		
SG Gs:		2mm	34.79		
Water Visc. (N):		1.18mm	29.90		
Dry Mass of Soil after pretreatment (g):		600µm	22.93		
		425µm	18.32		
		300µm	14.30		
		212µm	9.57		
		150µm	7.81		
		63µm	5.66		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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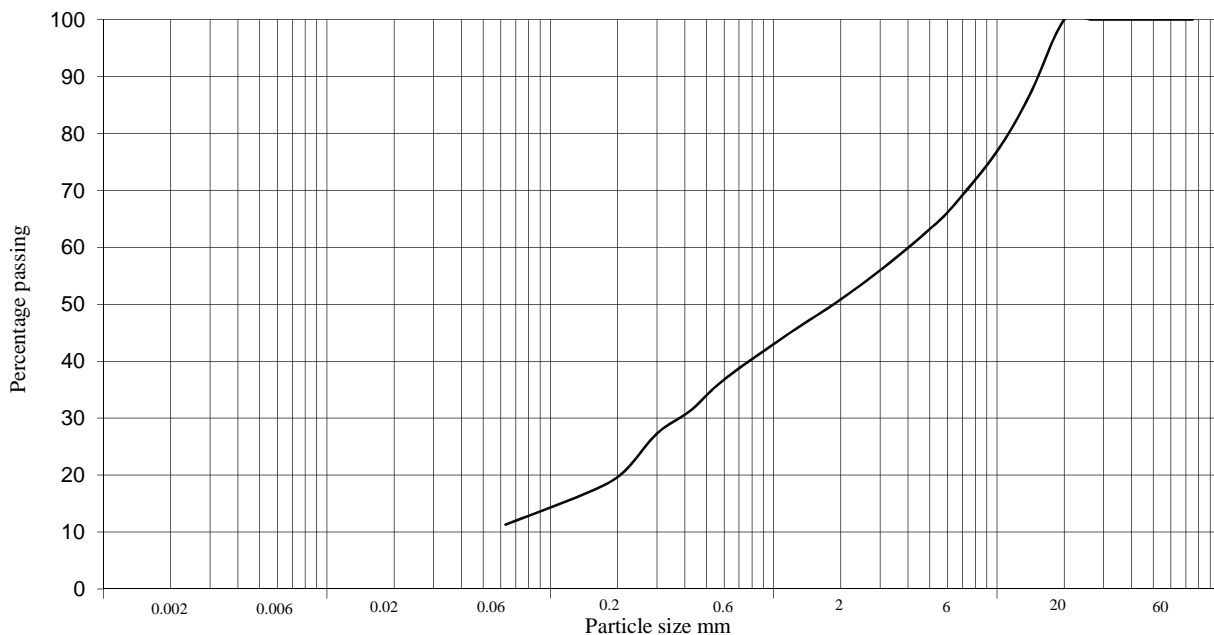
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 8	50mm			
Sample Depth:	1.10m -1.50m	37.5mm			
Sample Description:		26.5mm			
		20mm			
		14mm	86.79		
		10mm	76.91		
		6.3mm	67.08		
		5mm	63.24		
Hydrometer No.:		3.5mm	57.48		
SG Gs:		2mm	50.88		
Water Visc. (N):		1.18mm	44.98		
Dry Mass of Soil after pretreatment (g):		600µm	36.81		
		425µm	31.38		
		300µm	27.32		
		212µm	20.50		
		150µm	17.10		
		63µm	11.32		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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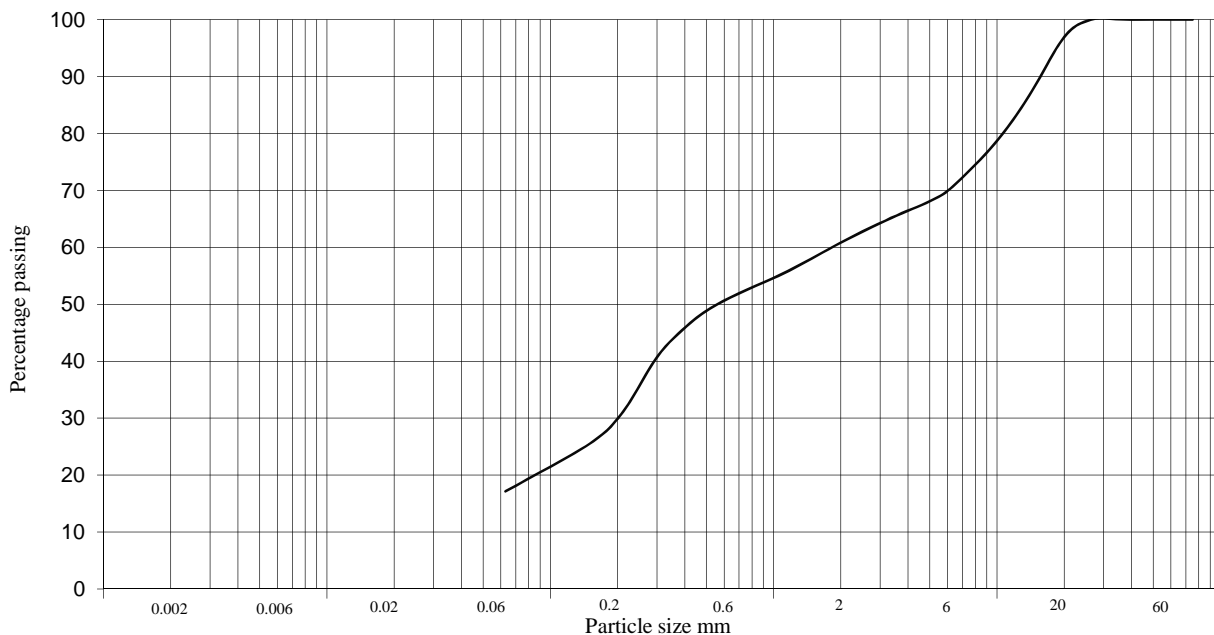
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 9	50mm			
Sample Depth:	1.00m -1.60m	37.5mm			
Sample Description:		26.5mm			
		20mm	96.96		
		14mm	86.82		
		10mm	78.72		
		6.3mm	70.61		
		5mm	68.12		
Hydrometer No.:		3.5mm	65.14		
SG Gs:		2mm	60.85		
Water Visc. (N):		1.18mm	55.96		
Dry Mass of Soil after pretreatment (g):		600µm	50.64		
		425µm	46.77		
		300µm	40.69		
		212µm	31.17		
		150µm	25.51		
		63µm	17.13		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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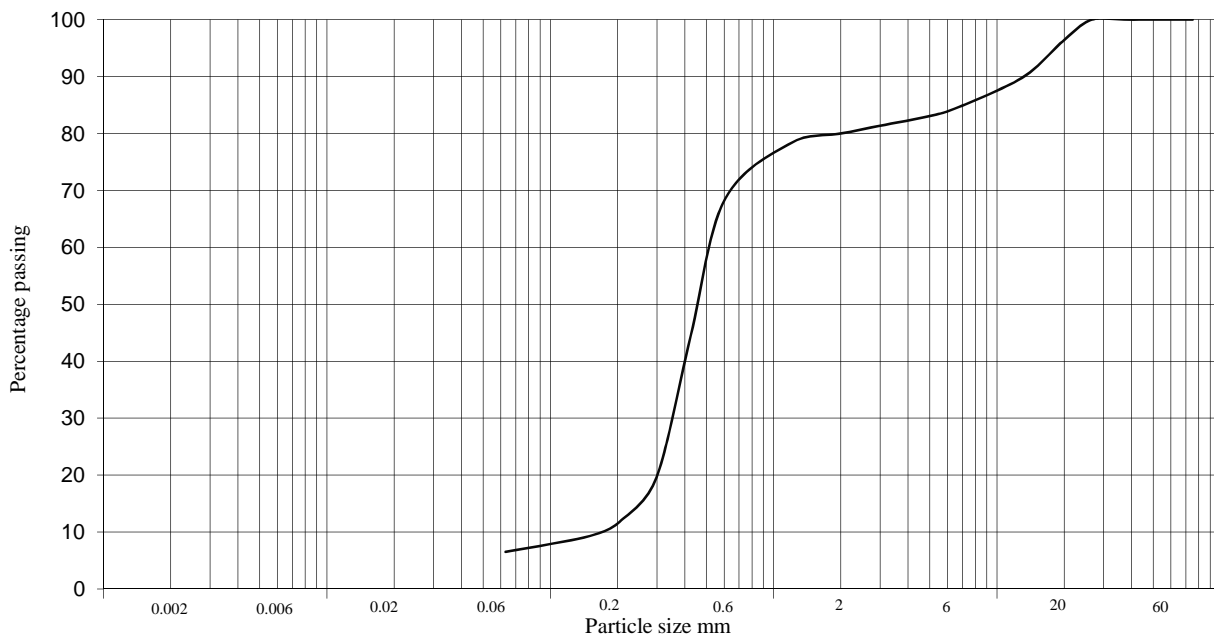
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Email: groundtech@listersgeotechnics.co.uk

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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 9	50mm			
Sample Depth:	2.50m -3.00m	37.5mm			
Sample Description:		26.5mm			
		20mm	96.47		
		14mm	90.72		
		10mm	87.55		
		6.3mm	84.21		
		5mm	83.08		
Hydrometer No.:		3.5mm	81.73		
SG Gs:		2mm	80.00		
Water Visc. (N):		1.18mm	78.24		
Dry Mass of Soil after pretreatment (g):		600µm	68.21		
		425µm	44.50		
		300µm	19.81		
		212µm	12.34		
		150µm	9.29		
		63µm	6.51		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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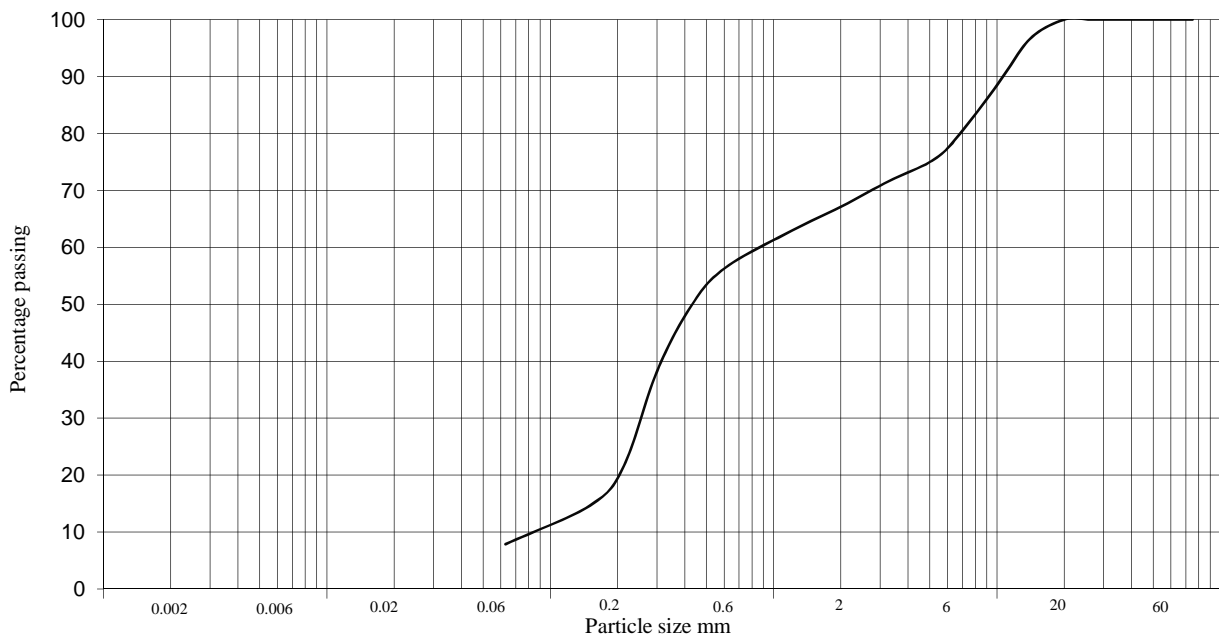
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Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

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Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 10 Sample Depth: 2.00m -2.50m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
		75mm			
		63mm			
		50mm			
		37.5mm			
		26.5mm			
		20mm			
		14mm	96.58		
		10mm	88.49		
		6.3mm	78.31		
		5mm	74.99		
		3.5mm	71.80		
		2mm	67.15		
		1.18mm	62.75		
		600µm	56.28		
		425µm	49.60		
		300µm	38.21		
		212µm	21.38		
		150µm	14.64		
		63µm	7.86		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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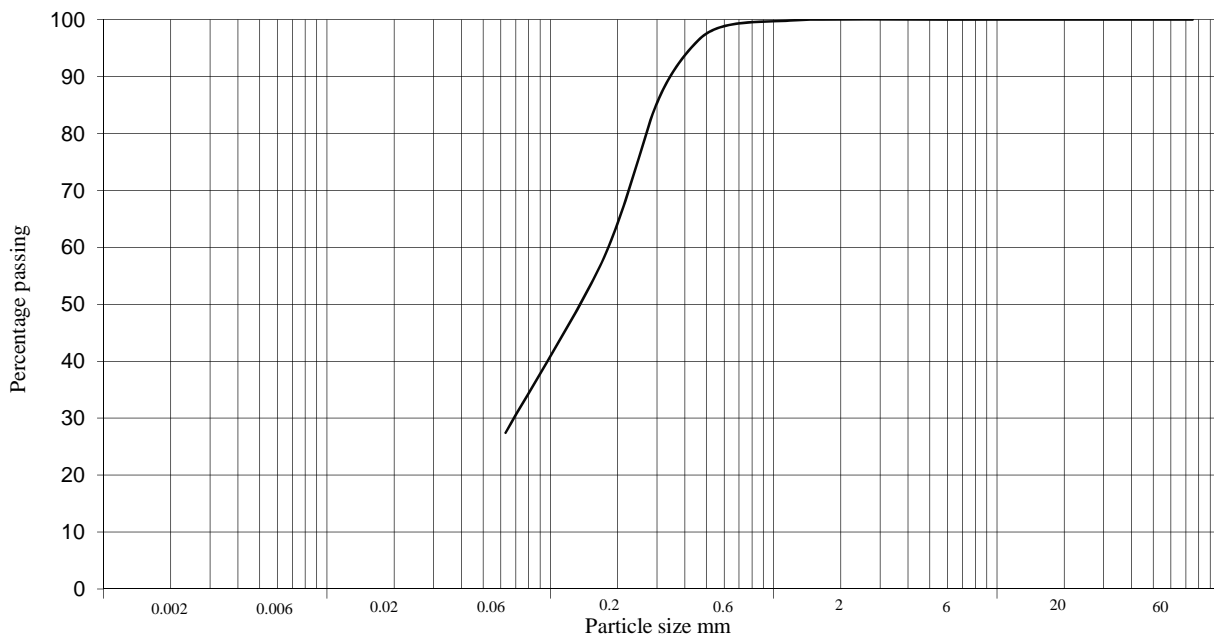
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Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

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Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 11 Sample Depth: 1.00m -1.50m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
		75mm			
		63mm			
		50mm			
		37.5mm			
		26.5mm			
		20mm			
		14mm			
		10mm			
		6.3mm			
		5mm			
		3.5mm			
		2mm			
		1.18mm	99.81		
		600µm	98.83		
		425µm	94.92		
		300µm	85.33		
		212µm	67.05		
		150µm	53.11		
		63µm	27.45		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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Client: Jones Lang Lasalle

Site: Latchmere House, Church Road, Ham
Common, Richmond

Test Location: CT 11

Sample Depth: 2.50m -3.00m

Sample Description:

Hydrometer No.:

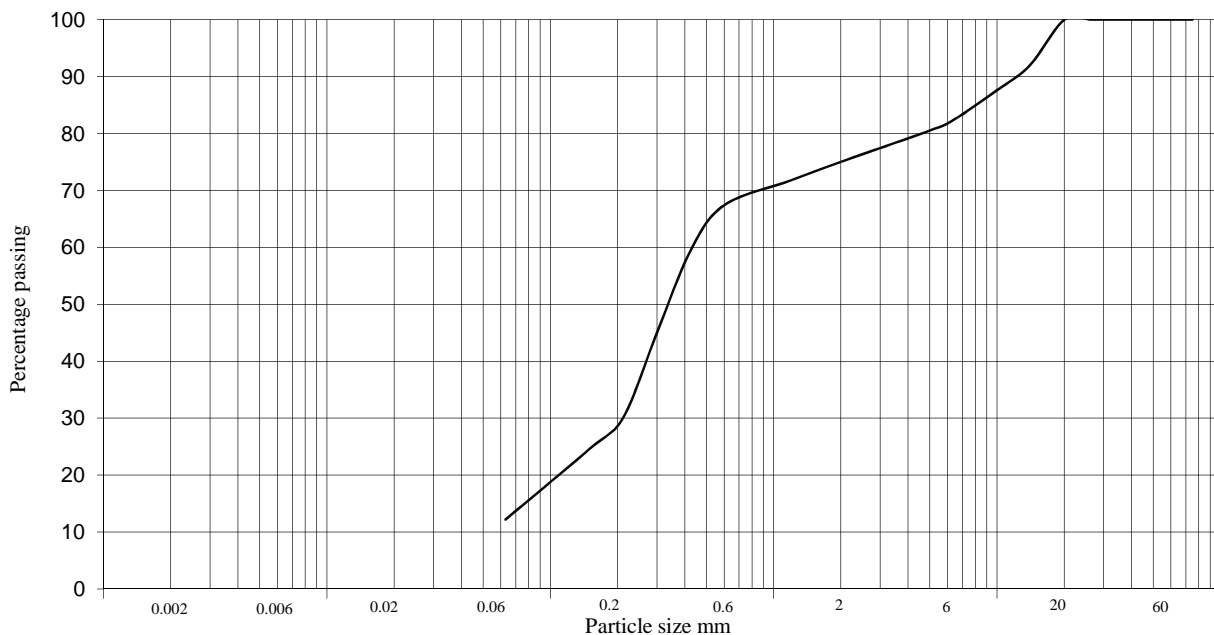
SG Gs:

Water Visc. (N):

Dry Mass of Soil after pretreatment (g):

Test Method: BS 1377 : Part 2 : 1990 : 9.2

BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
75mm			
63mm			
50mm			
37.5mm			
26.5mm			
20mm			
14mm	91.94		
10mm	87.60		
6.3mm	82.23		
5mm	80.51		
3.5mm	78.09		
2mm	75.01		
1.18mm	71.68		
600µm	67.39		
425µm	59.48		
300µm	45.00		
212µm	30.10		
150µm	24.60		
63µm	12.19		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date
August 2012

PARTICLE SIZE DISTRIBUTION

Client Ref

Project Ref
12.07.020

GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

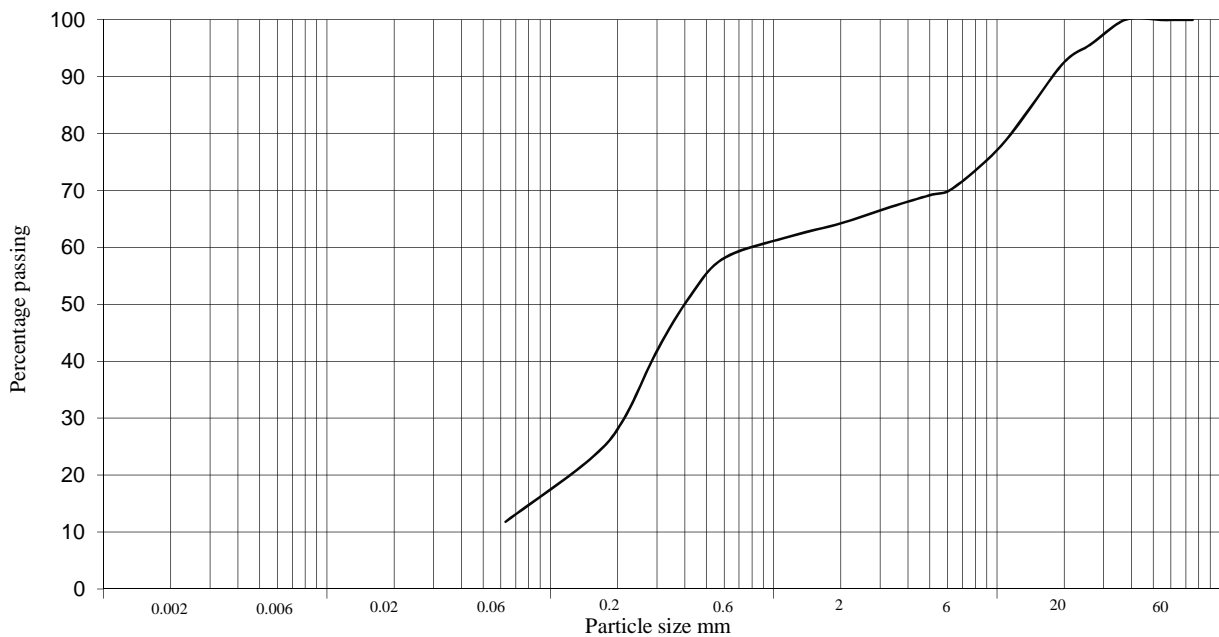
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
Assured
ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 12	50mm			
Sample Depth:	1.50m -2.00m	37.5mm			
Sample Description:		26.5mm	95.78		
		20mm	92.57		
		14mm	84.44		
		10mm	77.09		
		6.3mm	70.32		
		5mm	69.18		
Hydrometer No.:		3.5mm	67.14		
SG Gs:		2mm	64.25		
Water Visc. (N):		1.18mm	61.93		
Dry Mass of Soil after pretreatment (g):		600µm	58.14		
		425µm	51.60		
		300µm	41.85		
		212µm	29.71		
		150µm	22.75		
		63µm	11.82		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

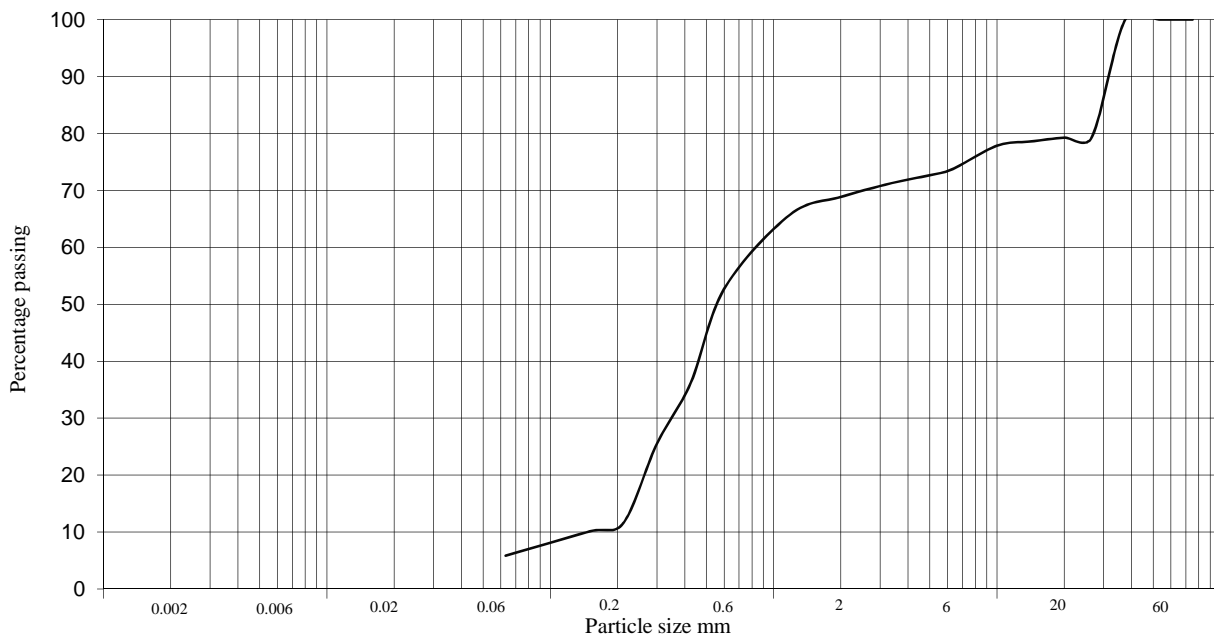
Telephone:- 01327 860947/860060

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Email: groundtech@listersgeotechnics.co.uk

**Quality
Assured
ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 12	50mm			
Sample Depth:	4.50m -5.00m	37.5mm			
Sample Description:		26.5mm	79.26		
		20mm			
		14mm			
		10mm	77.85		
		6.3mm	73.72		
		5mm	72.65		
Hydrometer No.:		3.5mm	71.24		
SG Gs:		2mm	68.84		
Water Visc. (N):		1.18mm	65.72		
Dry Mass of Soil after pretreatment (g):		600µm	52.70		
		425µm	36.22		
		300µm	25.55		
		212µm	11.59		
		150µm	10.14		
		63µm	5.88		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

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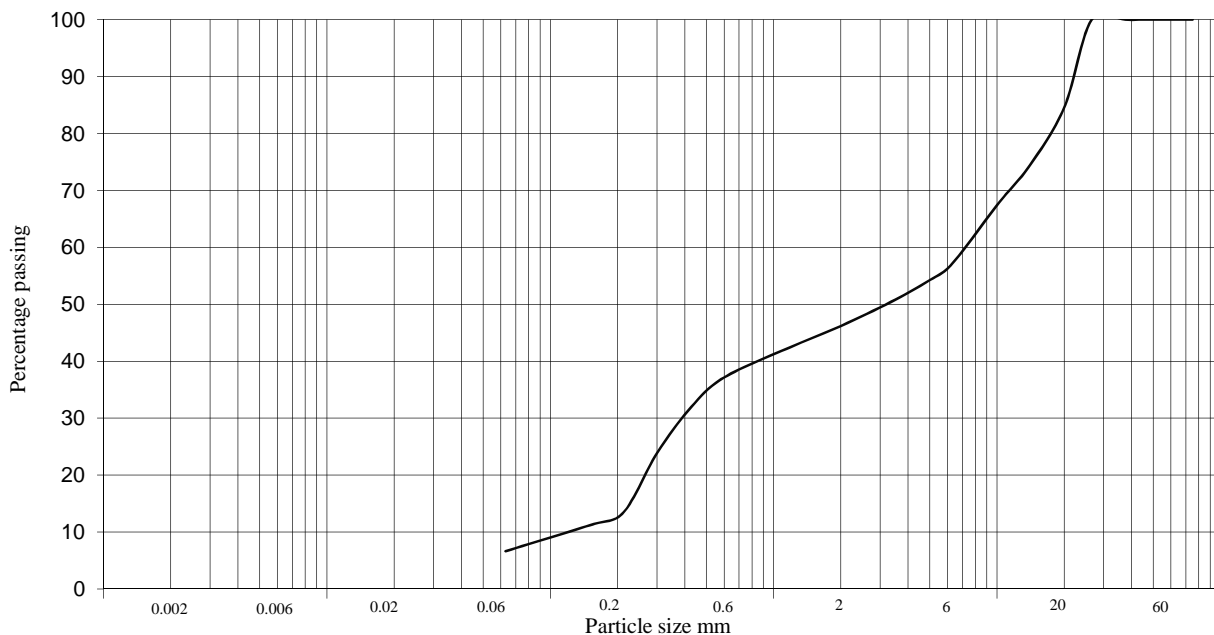
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
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ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 13	50mm			
Sample Depth:	2.50m -3.00m	37.5mm			
Sample Description:		26.5mm			
		20mm	84.62		
		14mm	74.38		
		10mm	67.43		
		6.3mm	57.13		
		5mm	54.24		
Hydrometer No.:		3.5mm	50.42		
SG Gs:		2mm	46.19		
Water Visc. (N):		1.18mm	42.43		
Dry Mass of Soil after pretreatment (g):		600µm	37.15		
		425µm	31.85		
		300µm	23.84		
		212µm	13.39		
		150µm	11.19		
		63µm	6.62		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

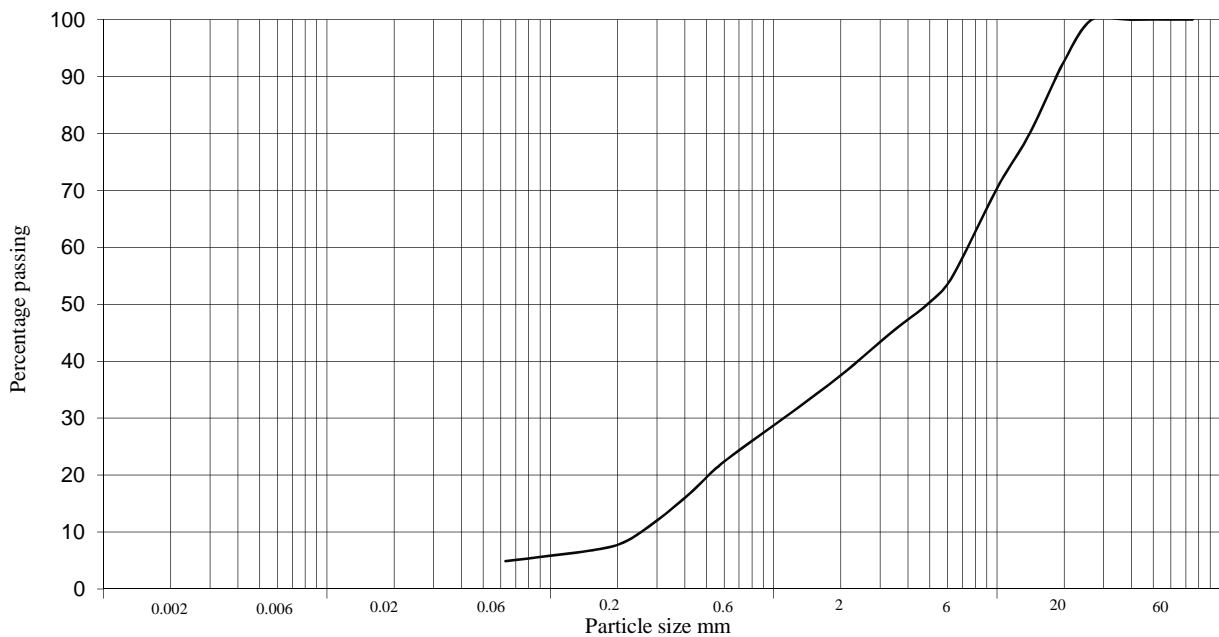
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
Assured
ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 14 Sample Depth: 2.00m -2.50m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		75mm			
		63mm			
		50mm			
		37.5mm			
		26.5mm			
		20mm	92.83		
		14mm	80.03		
		10mm	70.42		
		6.3mm	54.85		
		5mm	50.39		
		3.5mm	45.02		
		2mm	37.57		
		1.18mm	30.80		
		600µm	22.40		
		425µm	16.94		
	300µm	12.04			
	212µm	8.17			
	150µm	6.75			
	63µm	4.91			



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

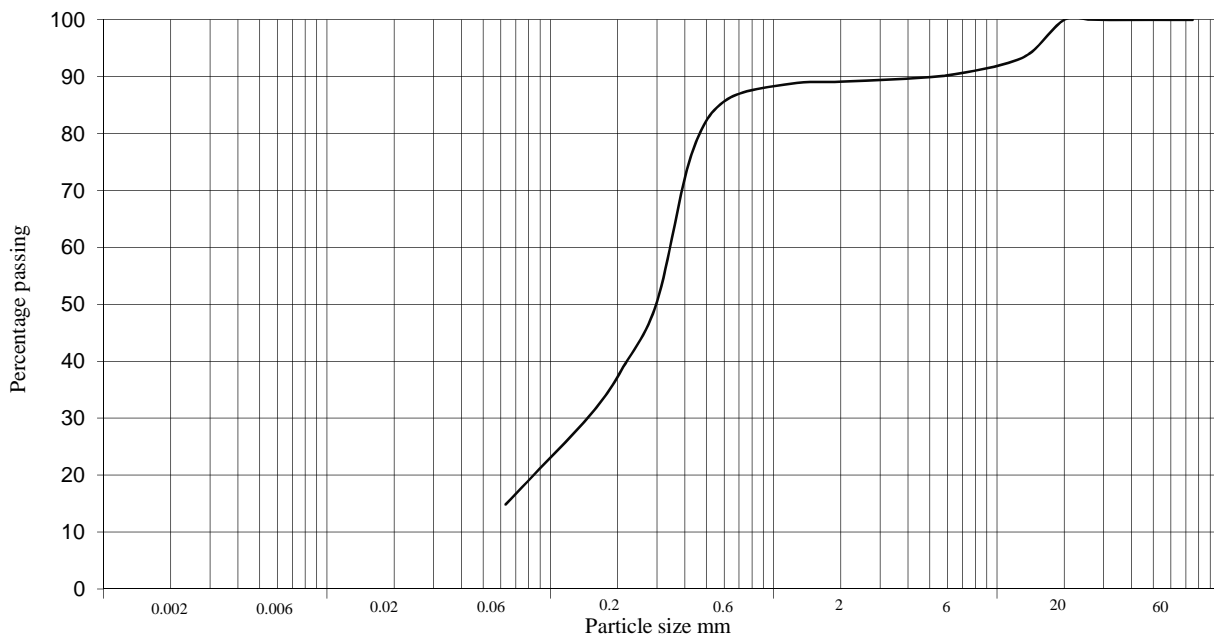
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

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ISO 9001**

Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 15 Sample Depth: 1.00m -1.50m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
	75mm				
	63mm				
	50mm				
	37.5mm				
	26.5mm				
	20mm				
	14mm	94.09			
	10mm	91.89			
	6.3mm	90.35			
	5mm	89.92			
	3.5mm	89.49			
	2mm	89.10			
	1.18mm	88.74			
	600µm	85.66			
	425µm	75.93			
	300µm	50.45			
	212µm	39.00			
	150µm	30.47			
	63µm	14.84			



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

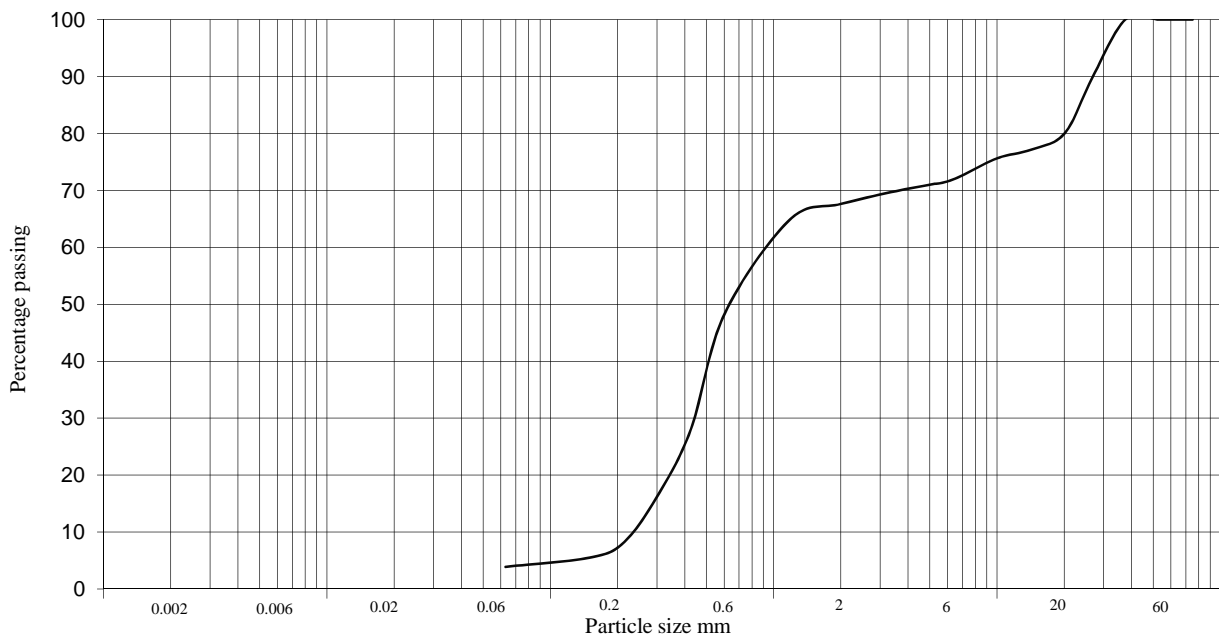
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
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ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 15	50mm			
Sample Depth:	5.50m -6.00m	37.5mm			
Sample Description:		26.5mm	89.56		
		20mm	79.96		
		14mm	77.07		
		10mm	75.62		
		6.3mm	71.84		
		5mm	71.00		
Hydrometer No.:		3.5mm	69.68		
SG Gs:		2mm	67.60		
Water Visc. (N):		1.18mm	64.86		
Dry Mass of Soil after pretreatment (g):		600µm	48.17		
		425µm	28.00		
		300µm	16.19		
		212µm	8.07		
		150µm	5.49		
		63µm	3.87		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

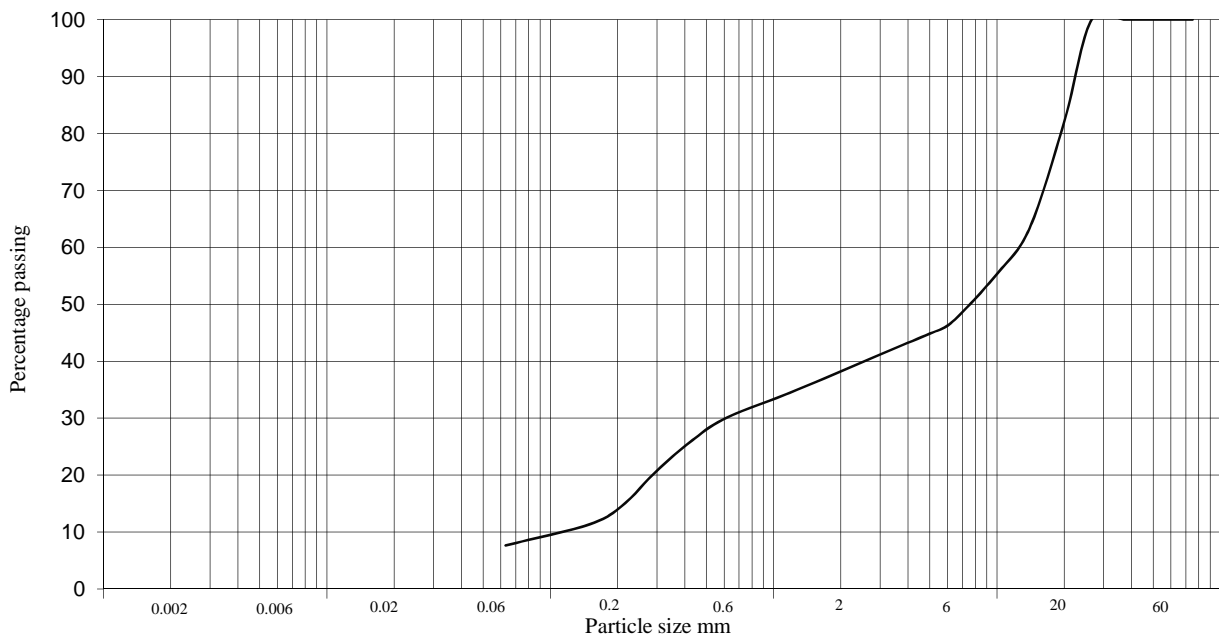
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
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ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 16	50mm			
Sample Depth:	1.60m -2.00m	37.5mm			
Sample Description:		26.5mm			
		20mm	82.15		
		14mm	63.45		
		10mm	55.37		
		6.3mm	46.92		
		5mm	44.87		
Hydrometer No.:		3.5mm	42.02		
SG Gs:		2mm	38.22		
Water Visc. (N):		1.18mm	34.47		
Dry Mass of Soil after pretreatment (g):		600µm	29.87		
		425µm	25.88		
		300µm	20.81		
		212µm	14.79		
		150µm	11.36		
		63µm	7.64		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

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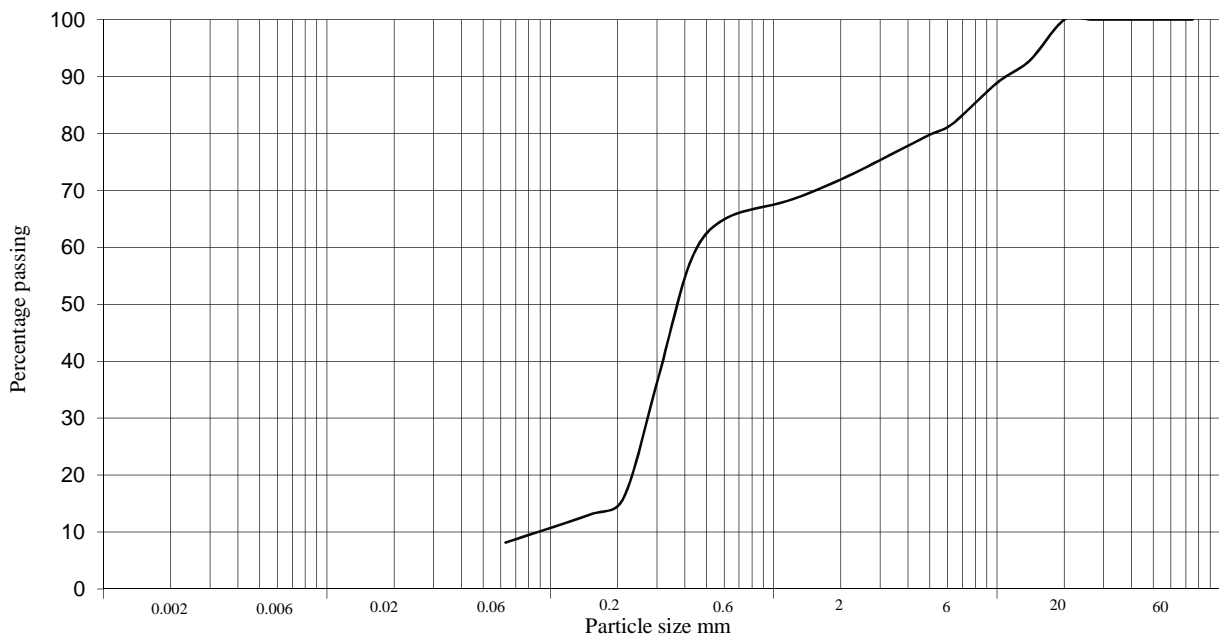
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
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ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 16	50mm			
Sample Depth:	3.50m -4.00m	37.5mm			
Sample Description:		26.5mm			
		20mm			
		14mm	92.82		
		10mm	88.91		
		6.3mm	81.68		
		5mm	79.79		
Hydrometer No.:		3.5mm	76.31		
SG Gs:		2mm	71.95		
Water Visc. (N):		1.18mm	68.29		
Dry Mass of Soil after pretreatment (g):		600µm	64.93		
		425µm	57.62		
		300µm	36.20		
		212µm	15.90		
		150µm	13.05		
		63µm	8.14		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

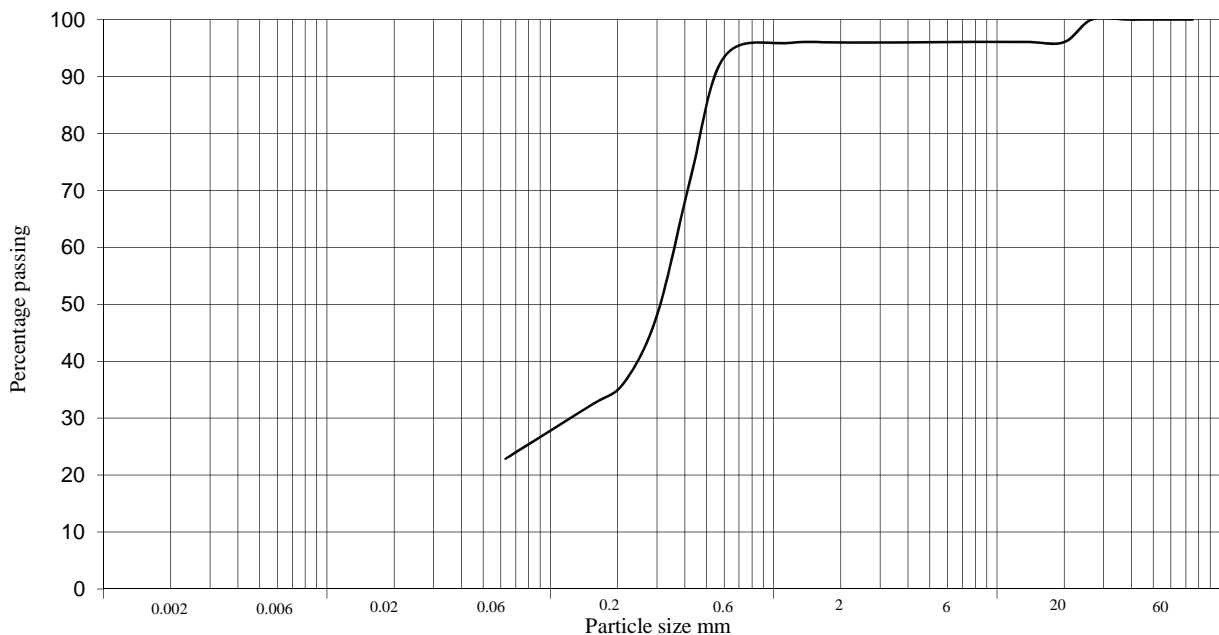
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
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ISO 9001**

Client: Jones Lang Lasalle Site: Latchmere House, Church Road, Ham Common, Richmond Test Location: CT 17 Sample Depth: 0.90m -1.50m Sample Description: Hydrometer No.: SG Gs: Water Visc. (N): Dry Mass of Soil after pretreatment (g):		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
	75mm				
	63mm				
	50mm				
	37.5mm				
	26.5mm				
	20mm	96.03			
	14mm				
	10mm				
	6.3mm				
	5mm				
	3.5mm	95.97			
	2mm	95.93			
	1.18mm	95.86			
	600µm	93.43			
	425µm	72.29			
	300µm	48.04			
	212µm	36.06			
	150µm	32.15			
	63µm	22.87			



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

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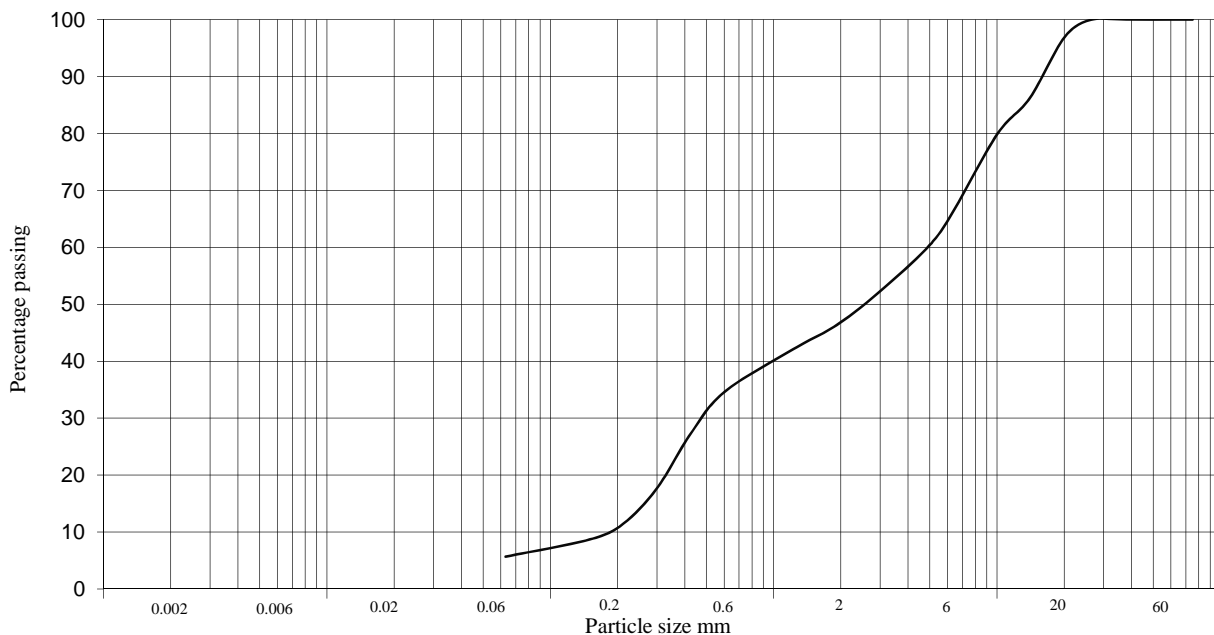
Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
Assured
ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 17	50mm			
Sample Depth:	2.50m -2.80m	37.5mm			
Sample Description:		26.5mm			
		20mm	96.88		
		14mm	86.21		
		10mm	79.86		
		6.3mm	66.01		
		5mm	60.43		
Hydrometer No.:		3.5mm	53.98		
SG Gs:		2mm	46.84		
Water Visc. (N):		1.18mm	41.77		
Dry Mass of Soil after pretreatment (g):		600µm	34.57		
		425µm	27.31		
		300µm	17.69		
		212µm	11.45		
		150µm	8.69		
		63µm	5.67		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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Geotechnical Testing Facility

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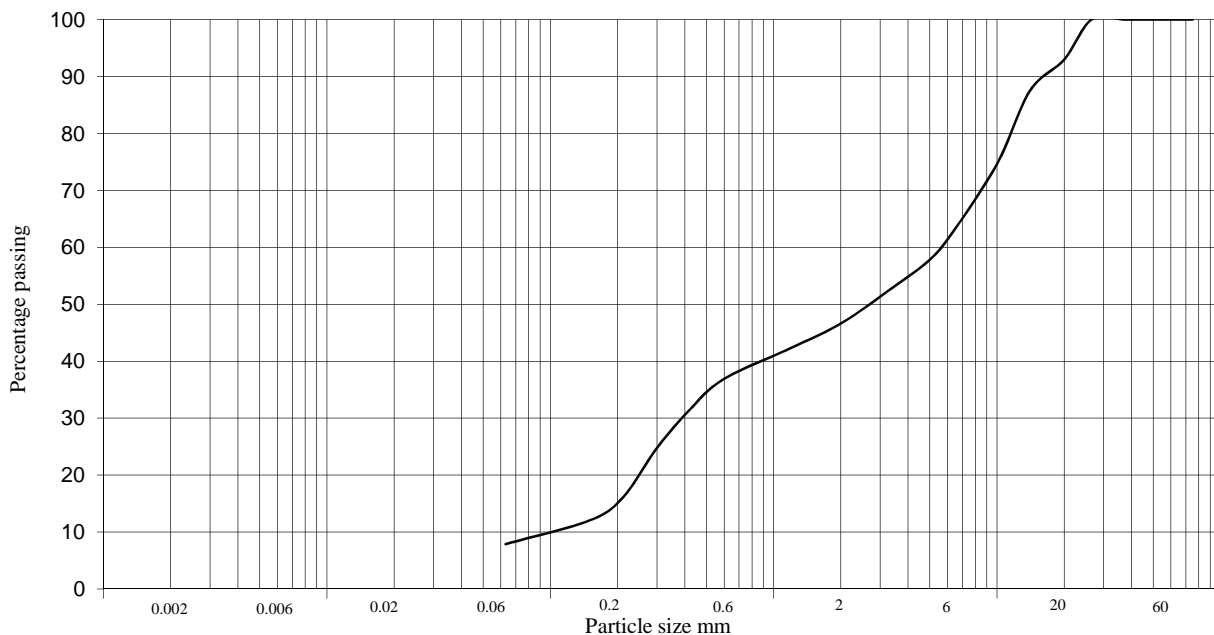
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Email: groundtech@listersgeotechnics.co.uk

**Quality
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ISO 9001**

		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Client:	Jones Lang Lasalle	75mm			
Site:	Latchmere House, Church Road, Ham Common, Richmond	63mm			
Test Location:	CT 18	50mm			
Sample Depth:	1.90m -2.60m	37.5mm			
Sample Description:		26.5mm			
		20mm	93.00		
		14mm	87.43		
		10mm	74.66		
		6.3mm	62.56		
		5mm	57.85		
Hydrometer No.:		3.5mm	52.73		
SG Gs:		2mm	46.64		
Water Visc. (N):		1.18mm	42.23		
Dry Mass of Soil after pretreatment (g):		600µm	36.92		
		425µm	31.68		
		300µm	24.78		
		212µm	16.16		
		150µm	12.06		
		63µm	7.88		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

Report Date August 2012	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref 12.07.020
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GroundTech Laboratories

Geotechnical Testing Facility

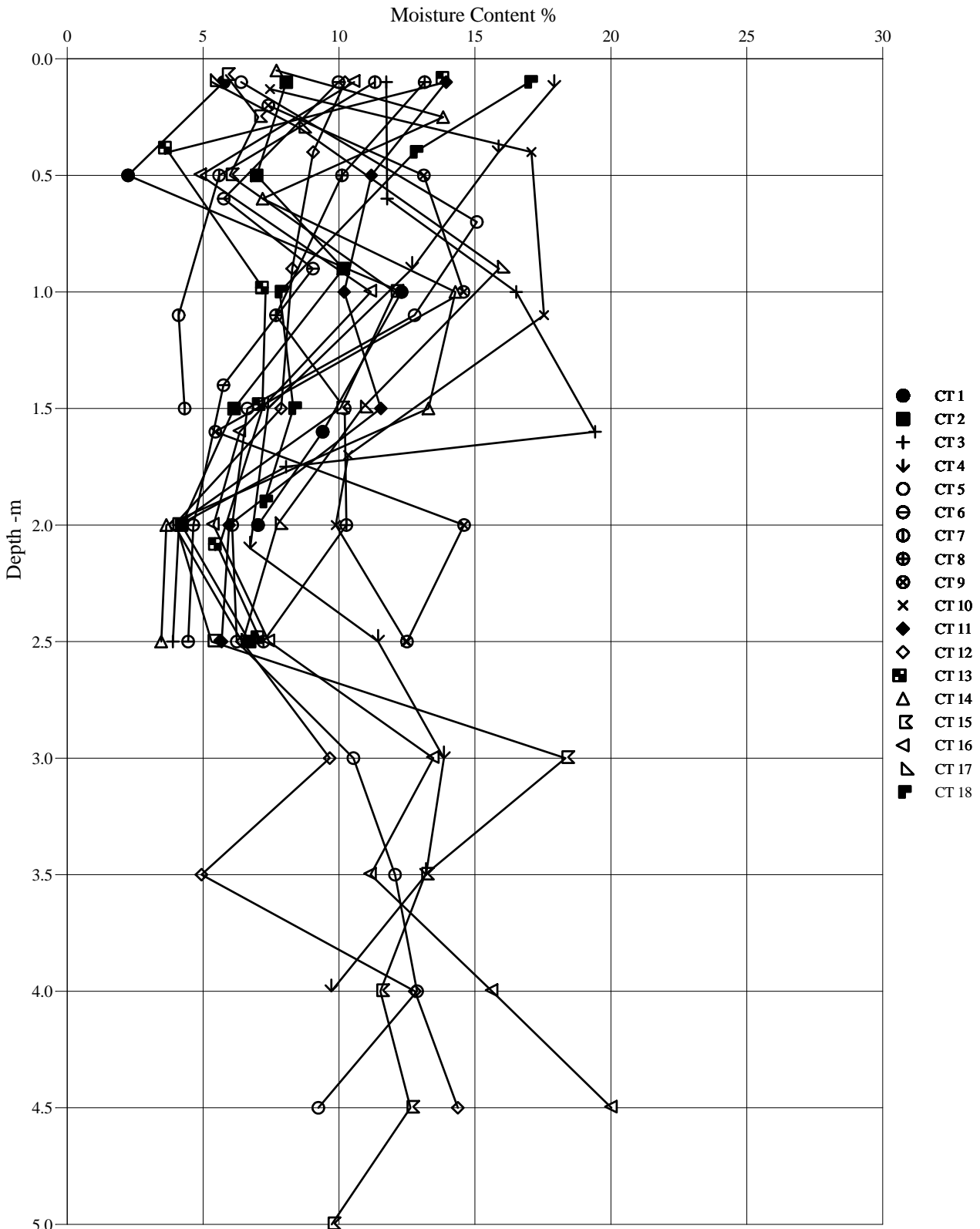
Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

Telephone:- 01327 860947/860060

Fax:- 01327 860430

Quality Assured to ISO9001

Site: **Latchmere House, Church Road, Ham Common, Richmond, Surrey**



Date
August 2012

MOISTURE CONTENT v DEPTH

Lab Ref. 12.07.020

Client Ref.

LABORATORY TEST REPORT

Results of analysis of 14 samples
 received 1 August 2012

Report Date
09 August 2012

FAO Murray Bateman

12-07-020 - Latchmere House, Richmond

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

SOP↓ Determinand↓

CAS No↓

Units↓

*

					210410					
					AH58704	AH58705	AH58706	AH58707	AH58708	AH58709
					1	4	5	6	8	9
					26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012
					0.50m	0.40m	0.70m	0.60m	0.50m	0.50m
					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2120	Boron (hot water soluble)	7440428	mg kg ⁻¹	M	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
2450	Arsenic	7440382	mg kg ⁻¹	M	5.6	<2.0	<2.0	3.7	<2.0	<2.0
	Cadmium	7440439	mg kg ⁻¹	M	0.15	<0.10	<0.10	<0.10	<0.10	<0.10
	Chromium	7440473	mg kg ⁻¹	M	10	12	12	16	8.9	10
	Copper	7440508	mg kg ⁻¹	M	55	5.7	13	17	<5.0	<5.0
	Mercury	7439976	mg kg ⁻¹	M	0.17	<0.10	0.12	0.17	<0.10	<0.10
	Nickel	7440020	mg kg ⁻¹	M	20	6.0	7.5	11	6.7	5.9
	Lead	7439921	mg kg ⁻¹	M	430	9.4	55	640	18	11
	Selenium	7782492	mg kg ⁻¹	M	0.62	<0.20	<0.20	<0.20	<0.20	<0.20
	Zinc	7440666	mg kg ⁻¹	M	140	16	20	45	<10	15
2670	TPH >C5-C6		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C6-C7		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C7-C8		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C8-C10		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C10-C12		mg kg ⁻¹	M	< 0.1	0.19	0.22	< 0.1	< 0.1	< 0.1
	TPH >C12-C16		mg kg ⁻¹	M	< 0.1	2.2	1.6	< 0.1	< 0.1	< 0.1
	TPH >C16-C21		mg kg ⁻¹	M	< 0.1	3.3	6.7	< 0.1	< 0.1	< 0.1
	TPH >C21-C35		mg kg ⁻¹	M	< 0.1	6.8	20	< 0.1	< 0.1	< 0.1
	Total Petroleum Hydrocarbons		mg kg ⁻¹	U	< 10	12	28	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Acenaphthylene	208968	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Acenaphthene	83329	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Fluorene	86737	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

LABORATORY TEST REPORT

Results of analysis of 14 samples
 received 1 August 2012

Report Date
09 August 2012

FAO Murray Bateman

12-07-020 - Latchmere House, Richmond

Login Batch No					210410					
Chemtest LIMS ID					AH58710	AH58711	AH58712	AH58713	AH58714	AH58715
Sample ID					10	11	12	13	14	15
Sample No										
Sampling Date					26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012
Depth					0.40m	0.50m	0.90m	0.40m	0.60m	0.50m
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SOP↓	Determinand↓	CAS No↓	Units↓							
2120	Boron (hot water soluble)	7440428	mg kg ⁻¹	M	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
2450	Arsenic	7440382	mg kg ⁻¹	M	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Cadmium	7440439	mg kg ⁻¹	M	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
	Chromium	7440473	mg kg ⁻¹	M	5.5	13	12	17	9.1	<5.0
	Copper	7440508	mg kg ⁻¹	M	<5.0	21	<5.0	7.5	<5.0	<5.0
	Mercury	7439976	mg kg ⁻¹	M	<0.10	0.33	<0.10	<0.10	<0.10	<0.10
	Nickel	7440020	mg kg ⁻¹	M	<5.0	9.9	7.4	7.8	<5.0	<5.0
	Lead	7439921	mg kg ⁻¹	M	<5.0	200	73	29	36	7.6
	Selenium	7782492	mg kg ⁻¹	M	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	Zinc	7440666	mg kg ⁻¹	M	<10	57	20	20	13	12
2670	TPH >C5-C6		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C6-C7		mg kg ⁻¹	U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C7-C8		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C8-C10		mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TPH >C10-C12		mg kg ⁻¹	M	0.31	< 0.1	0.32	< 0.1	< 0.1	0.21
	TPH >C12-C16		mg kg ⁻¹	M	1.4	< 0.1	1.3	0.91	< 0.1	2.0
	TPH >C16-C21		mg kg ⁻¹	M	2.7	< 0.1	2.6	1.5	< 0.1	30
	TPH >C21-C35		mg kg ⁻¹	M	8.7	< 0.1	7.4	2.9	< 0.1	64
	Total Petroleum Hydrocarbons		mg kg ⁻¹	U	13	< 10	12	< 10	< 10	97
2700	Naphthalene	91203	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Acenaphthylene	208968	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Acenaphthene	83329	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Fluorene	86737	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.12

LABORATORY TEST REPORT

Results of analysis of 14 samples
 received 1 August 2012

Report Date
 09 August 2012

FAO Murray Bateman

12-07-020 - Latchmere House, Richmond

Login Batch No					210410	
Chemtest LIMS ID					AH58716	AH58717
Sample ID					16	18
Sample No						
Sampling Date					26/7/2012	26/7/2012
Depth					0.50m	0.40m
Matrix					SOIL	SOIL
SOP↓	Determinand↓	CAS No↓	Units↓			
2120	Boron (hot water soluble)	7440428	mg kg ⁻¹	M	<0.4	<0.4
2450	Arsenic	7440382	mg kg ⁻¹	M	<2.0	<2.0
	Cadmium	7440439	mg kg ⁻¹	M	<0.10	<0.10
	Chromium	7440473	mg kg ⁻¹	M	<5.0	8.7
	Copper	7440508	mg kg ⁻¹	M	<5.0	5.4
	Mercury	7439976	mg kg ⁻¹	M	<0.10	0.10
	Nickel	7440020	mg kg ⁻¹	M	<5.0	<5.0
	Lead	7439921	mg kg ⁻¹	M	13	30
	Selenium	7782492	mg kg ⁻¹	M	<0.20	<0.20
	Zinc	7440666	mg kg ⁻¹	M	<10	13
2670	TPH >C5-C6		mg kg ⁻¹	U	< 0.1	< 0.1
	TPH >C6-C7		mg kg ⁻¹	U	< 0.1	< 0.1
	TPH >C7-C8		mg kg ⁻¹	M	< 0.1	< 0.1
	TPH >C8-C10		mg kg ⁻¹	M	< 0.1	< 0.1
	TPH >C10-C12		mg kg ⁻¹	M	< 0.1	< 0.1
	TPH >C12-C16		mg kg ⁻¹	M	1.8	0.86
	TPH >C16-C21		mg kg ⁻¹	M	1.6	1.7
	TPH >C21-C35		mg kg ⁻¹	M	3.1	5.6
	Total Petroleum Hydrocarbons		mg kg ⁻¹	U	< 10	< 10
2700	Naphthalene	91203	mg kg ⁻¹	M	0.17	0.37
	Acenaphthylene	208968	mg kg ⁻¹	M	0.23	0.94
	Acenaphthene	83329	mg kg ⁻¹	M	0.28	< 0.1
	Fluorene	86737	mg kg ⁻¹	M	0.26	0.65

LABORATORY TEST REPORT

Results of analysis of 14 samples
 received 1 August 2012

Report Date
09 August 2012

FAO Murray Bateman

12-07-020 - Latchmere House, Richmond

210410										
				AH58704	AH58705	AH58706	AH58707	AH58708	AH58709	
				1	4	5	6	8	9	
				26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012	
				0.50m	0.40m	0.70m	0.60m	0.50m	0.50m	
				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
2700	Phenanthrene	85018	mg kg ⁻¹	M	< 0.1	< 0.1	0.37	< 0.1	< 0.1	< 0.1
	Anthracene	120127	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Fluoranthene	206440	mg kg ⁻¹	M	< 0.1	< 0.1	1.1	< 0.1	< 0.1	< 0.1
	Pyrene	129000	mg kg ⁻¹	M	< 0.1	< 0.1	1.1	< 0.1	< 0.1	< 0.1
	Benzo[a]anthracene	56553	mg kg ⁻¹	M	< 0.1	< 0.1	0.77	< 0.1	< 0.1	< 0.1
	Chrysene	218019	mg kg ⁻¹	M	< 0.1	< 0.1	0.77	< 0.1	< 0.1	< 0.1
	Benzo[b]fluoranthene	205992	mg kg ⁻¹	M	< 0.1	< 0.1	0.7	< 0.1	< 0.1	< 0.1
	Benzo[k]fluoranthene	207089	mg kg ⁻¹	M	< 0.1	< 0.1	0.59	< 0.1	< 0.1	< 0.1
	Benzo[a]pyrene	50328	mg kg ⁻¹	M	< 0.1	< 0.1	0.75	< 0.1	< 0.1	< 0.1
	Dibenzo[a,h]anthracene	53703	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg ⁻¹	M	< 0.1	< 0.1	0.44	< 0.1	< 0.1	< 0.1
	Benzo[g,h,i]perylene	191242	mg kg ⁻¹	M	< 0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1
	Total (of 16) PAHs		mg kg ⁻¹	M	< 2	< 2	6.9	< 2	< 2	< 2

LABORATORY TEST REPORT

Results of analysis of 14 samples
 received 1 August 2012

Report Date
 09 August 2012

FAO Murray Bateman

12-07-020 - Latchmere House, Richmond

210410					
AH58710	AH58711	AH58712	AH58713	AH58714	AH58715
10	11	12	13	14	15
26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012	26/7/2012
0.40m	0.50m	0.90m	0.40m	0.60m	0.50m
SOIL	SOIL	SOIL	SOIL	SOIL	SOIL

2700					AH58710	AH58711	AH58712	AH58713	AH58714	AH58715
	Phenanthrene	85018	mg kg ⁻¹	M	0.29	< 0.1	< 0.1	< 0.1	< 0.1	2.4
	Anthracene	120127	mg kg ⁻¹	M	0.16	< 0.1	< 0.1	< 0.1	< 0.1	0.87
	Fluoranthene	206440	mg kg ⁻¹	M	1.6	< 0.1	0.69	< 0.1	< 0.1	7.5
	Pyrene	129000	mg kg ⁻¹	M	1.3	< 0.1	0.62	< 0.1	< 0.1	6.4
	Benzo[a]anthracene	56553	mg kg ⁻¹	M	1.1	< 0.1	0.22	< 0.1	< 0.1	4.1
	Chrysene	218019	mg kg ⁻¹	M	1.1	< 0.1	0.26	< 0.1	< 0.1	4.2
	Benzo[b]fluoranthene	205992	mg kg ⁻¹	M	0.98	< 0.1	0.33	< 0.1	< 0.1	3.2
	Benzo[k]fluoranthene	207089	mg kg ⁻¹	M	0.67	< 0.1	0.18	< 0.1	< 0.1	2.2
	Benzo[a]pyrene	50328	mg kg ⁻¹	M	1.1	< 0.1	0.17	< 0.1	< 0.1	3.8
	Dibenzo[a,h]anthracene	53703	mg kg ⁻¹	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.5
	Indeno[1,2,3-cd]pyrene	193395	mg kg ⁻¹	M	0.68	< 0.1	< 0.1	< 0.1	< 0.1	0.67
	Benzo[g,h,i]perylene	191242	mg kg ⁻¹	M	0.69	< 0.1	0.22	< 0.1	< 0.1	2
	Total (of 16) PAHs		mg kg ⁻¹	M	9.7	< 2	2.7	< 2	< 2	38

LABORATORY TEST REPORT

Results of analysis of 14 samples
 received 1 August 2012

Report Date
 09 August 2012

FAO Murray Bateman

12-07-020 - Latchmere House, Richmond

210410	
AH58716	AH58717
16	18
26/7/2012	26/7/2012
0.50m	0.40m
SOIL	SOIL

2700	Phenanthrene	85018	mg kg ⁻¹	M	< 0.1	0.73
	Anthracene	120127	mg kg ⁻¹	M	< 0.1	0.38
	Fluoranthene	206440	mg kg ⁻¹	M	0.13	0.81
	Pyrene	129000	mg kg ⁻¹	M	< 0.1	0.28
	Benzo[a]anthracene	56553	mg kg ⁻¹	M	0.3	0.28
	Chrysene	218019	mg kg ⁻¹	M	1.4	0.24
	Benzo[b]fluoranthene	205992	mg kg ⁻¹	M	< 0.1	0.52
	Benzo[k]fluoranthene	207089	mg kg ⁻¹	M	0.2	0.33
	Benzo[a]pyrene	50328	mg kg ⁻¹	M	0.16	1.2
	Dibenzo[a,h]anthracene	53703	mg kg ⁻¹	M	0.1	0.14
	Indeno[1,2,3-cd]pyrene	193395	mg kg ⁻¹	M	0.28	0.96
	Benzo[g,h,i]perylene	191242	mg kg ⁻¹	M	0.86	1.7
	Total (of 16) PAHs		mg kg ⁻¹	M	4.4	9.5

APPENDIX 'C'
Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

40288424_1_1

Customer Reference:

12.07.020

National Grid Reference:

518510, 171310

Slice:

A

Site Area (Ha):

3.5

Search Buffer (m):

1000

Site Details:

H M Resettlement Prison, Latchmere House

Church Road, Ham

RICHMOND

Surrey

TW10 5HH

Client Details:

MR M Bateman

Listers Geotechnical Consultants Ltd

Slapton Hill Barn

Blakesley Road

Slapton

Nr Towcester

Northants

NN12 8QD

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	12
Hazardous Substances	-
Geological	13
Industrial Land Use	23
Sensitive Land Use	29
Data Currency	30
Data Suppliers	36
Useful Contacts	37

Introduction

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

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

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Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	2	3
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 2		1		4
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3			1	16
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 6				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				(*19)
Water Industry Act Referrals	pg 11				1
Groundwater Vulnerability	pg 11	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 12				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 13	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 13	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry	pg 18		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 21	Yes			
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 22		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	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		7	9	43
Fuel Station Entries	pg 28				3

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 29	1			
Marine Nature Reserves					
National Nature Reserves	pg 29			1	
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 29	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 29			1	
Special Areas of Conservation	pg 29			1	
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Latchmere Road Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1312 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Thames Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	32	1	518600 171400
1	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Latchmere Road Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1312 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Thames Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	32	1	518600 171400
2	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Parkleys Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1671 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Thames Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	386	1	518100 171600
2	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Parkleys Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1671 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Thames Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	386	1	518100 171600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Taylor Woodrow Plc Property Type: Industrial Parks & Estates Location: Former British Aerospace Site, Richmond Road, Kingston Upon Thames, Surrey Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntm.1615 Permit Version: 1 Effective Date: 25th October 1994 Issued Date: 25th October 1994 Revocation Date: 19th September 1995 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Into Land Discharge Environment: Receiving Water: Sands And Gravels Over London Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	705	1	517700 171230
4	<p>Discharge Consents</p> <p>Operator: Taylor Woodrow Plc Property Type: Industrial Parks & Estates Location: Former British Aerospace Site, Richmond Road, Kingston Upon Thames, Surrey Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntm.1614 Permit Version: 1 Effective Date: 25th October 1994 Issued Date: 25th October 1994 Revocation Date: 19th September 1995 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Into Land Discharge Environment: Receiving Water: Sands And Gravels Over London Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	763	1	517650 171330
5	<p>Discharge Consents</p> <p>Operator: J. Hennequin Property Type: Domestic Property (Single) Location: 27a Trowlock Island, Teddington, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0626 Permit Version: 1 Effective Date: 30th January 1986 Issued Date: 30th January 1986 Revocation Date: 22nd May 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Receiving Water: River Thames Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	854	1	517610 170910
6	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: The Ryders Location: Church Road, Ham, Tw10 5hl Authority: London Borough of Richmond upon Thames, Environmental Health Department Permit Reference: 32 Dated: 13th February 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A13NE (NE)	117	2	518747 171412
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Divine Dry Cleaners Location: 424 Richmond Road, Ham, Kt2 5pu Authority: London Borough of Richmond upon Thames, Environmental Health Department Permit Reference: 24 Dated: 29th March 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A12NW (W)	638	2	517805 171565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Local Authority Pollution Prevention and Controls Name: Albany Park Service Station Location: 215 Richmond Road, KINGSTON UPON THAMES, Surrey, KT2 5DD Authority: Royal Borough of Kingston upon Thames, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	3	518047 170637
9	Local Authority Pollution Prevention and Controls Name: Ham Cross Service Station Location: 297 Richmond Road, KINGSTON UPON THAMES, Surrey, KT2 5QU Authority: London Borough of Richmond upon Thames, Environmental Health Department Permit Reference: 16/PVR Dated: 31st December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	2	517745 171527
10	Local Authority Pollution Prevention and Controls Name: Shell Location: 164 London Road, KINGSTON UPON THAMES, Surrey, KT2 5HD Authority: Royal Borough of Kingston upon Thames, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A8SW (S)	879	3	518192 170312
	Nearest Surface Water Feature	A13NE (NE)	120	-	518741 171438
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Richmond Park Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th April 1991 Incident Reference: SE910080 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	384	1	519000 171500
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Ham Road Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 1st December 1991 Incident Reference: SE910346 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	535	1	517880 171370
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: KINGSTON Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 26th November 1991 Incident Reference: SE910323 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	685	1	517800 170900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: KINGSTON, Surrey Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 28th July 1997 Incident Reference: THSE1997028749 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	706	1	517700 171200
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Ham Road, KINGSTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 21st February 1993 Incident Reference: SE930047 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	731	1	517730 170940
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: TEDDINGTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 28th July 1996 Incident Reference: SE960390 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	797	1	517700 170850
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: KINGSTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th February 1991 Incident Reference: SE910033 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	816	1	517600 171400
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Ham Road Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 29th June 1992 Incident Reference: SE920207 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	843	1	517950 170480
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Ham Road Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th April 1992 Incident Reference: SE920139 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	851	1	517910 170500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Broom Park Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th May 1989 Incident Reference: N1890276 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	858	1	517900 170500
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Ham Road Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: Not Supplied Incident Reference: SE940286 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	858	1	517905 170495
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: One-Mile Tree Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 12th September 1991 Incident Reference: SE910265 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	862	1	517900 170495
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Gosshill Road Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 30th September 1992 Incident Reference: SE920302 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	873	1	517900 170480
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Ham Road Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 30th September 1992 Incident Reference: SE920303 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	877	1	517900 170475
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Hamm Road Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th November 1993 Incident Reference: SE930367 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	855	1	517800 170600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lower Hamm Road Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd November 1993 Incident Reference: SE930368 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	858	1	517800 170595
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: KINGSTON UPON THAMES Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Yes Incident Date: 10th August 1992 Incident Reference: SE920253 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11SE (W)	909	1	517500 171300
	River Quality Name: Thames GQA Grade: River Quality B Reach: Hogsmill - Teddington Estimated Distance (km): 2.7 Flow Rate: Flow less than 80 cumecs Flow Type: River Year: 2000	A7NW (SW)	795	1	517789 170710
	Water Abstractions Operator: Richmond Golf Club Licence Number: 28/39/35/0005 Permit Version: 101 Location: Richmond Golf Club - Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richmond Golf Club, Sudbrook Park Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st October 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SW (N)	1021	1	518200 172450
	Water Abstractions Operator: Richmond Golf Club Licence Number: 28/39/35/0005 Permit Version: 100 Location: Richmond Golf Club - Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 269 Yearly Rate (m3): 28200 Details: Richmond Golf Club, Sudbrook Park Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 11th February 1974 Permit End Date: 30th September 2007 Positional Accuracy: Located by supplier to within 100m	A23SW (N)	1021	1	518200 172450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Richmond Golf Club Licence Number: 28/39/35/0005 Permit Version: 101 Location: Richmond Golf Club - Borehole 'B' Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richmond Golf Club, Sudbrook Park Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st October 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22SE (N)	1221	1	518020 172600
	Water Abstractions Operator: Richmond Golf Club Licence Number: 28/39/35/0005 Permit Version: 100 Location: Richmond Golf Club - Borehole 'B' Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richmond Golf Club, Sudbrook Park Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 11th February 1974 Permit End Date: 30th September 2007 Positional Accuracy: Located by supplier to within 10m	A22SE (N)	1221	1	518020 172600
	Water Abstractions Operator: Richmond Golf Club Licence Number: 28/39/35/0005 Permit Version: 101 Location: Richmond Golf Club - Borehole 'C' Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richmond Golf Club, Sudbrook Park Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st October 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NW (N)	1383	1	518250 172830
	Water Abstractions Operator: Richmond Golf Club Licence Number: 28/39/35/0005 Permit Version: 100 Location: Richmond Golf Club - Borehole 'C' Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richmond Golf Club, Sudbrook Park Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 11th February 1974 Permit End Date: 30th September 2007 Positional Accuracy: Located by supplier to within 10m	A23NW (N)	1383	1	518250 172830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Lensbury Limited Licence Number: 28/39/34/0007 Permit Version: 102 Location: Borehole 'B' At Lensbury Club, Teddington Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Lensbury Club, Teddington, Middlesex. Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 23rd November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1386	1	517020 171260
	Water Abstractions Operator: Lensbury Limited Licence Number: 28/39/34/0007 Permit Version: 101 Location: Borehole 'B' At Lensbury Club, Teddington Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lensbury Club, Teddington, Middlesex Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 22nd December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1386	1	517020 171260
	Water Abstractions Operator: Trustees Of The Lensbury Club Licence Number: 28/39/34/0007 Permit Version: 100 Location: Borehole 'B' At Lensbury Club, Teddington Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 91 Yearly Rate (m3): 6000 Details: Lensbury Club, Teddington, Middlesex Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 25th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1405	1	517000 171200
	Water Abstractions Operator: Bg Plc Licence Number: 28/39/33/0020 Permit Version: 1 Location: Richmond Road, Kingston - Point 'B' Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richmond Road, Kingston Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th August 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	1425	1	518000 169800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Bg Plc Licence Number: 28/39/33/0020 Permit Version: 1 Location: Richmond Road, Kingston - Point 'A' Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richmond Road, Kingston Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th August 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	1553	1	517900 169700
	Water Abstractions Operator: The Catholic Education Service Licence Number: 28/39/34/0010 Permit Version: 1 Location: Borehole 'A' At Lensbury Club, Teddington Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Kingston Road, Teddington, M'Sex Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1725	1	516680 171240
	Water Abstractions Operator: The Catholic Education Service Licence Number: 28/39/34/0010 Permit Version: 1 Location: Borehole 'A' At Lensbury Club, Teddington Authority: Environment Agency, Thames Region Abstraction: Private Water Undertaking: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Kingston Road, Teddington, M'Sex Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1725	1	516680 171240
	Water Abstractions Operator: Trustees Of The Lensbury Club Licence Number: 28/39/34/0007 Permit Version: 100 Location: Borehole 'A' At Lensbury Club, Teddington Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 91 Yearly Rate (m3): 6000 Details: Lensbury Club, Teddington, Middlesex Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 25th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1805	1	516600 171200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Petersham Nurseries Limited Licence Number: 28/39/35/0004 Permit Version: 100 Location: Gravels At 143 Petersham Road, Richmond, Surrey Authority: Environment Agency, Thames Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 27 Yearly Rate (m3): 227 Details: Gravels At 143 Petersham Road, Richmond, Surrey Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 9th July 1973 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1872	1	518100 173300
	Water Abstractions Operator: Petersham Nurseries Limited Licence Number: 28/39/35/0004 Permit Version: 100 Location: Gravels At 143 Petersham Road, Richmond, Surrey Authority: Environment Agency, Thames Region Abstraction: Horticulture and Nurseries: Spray Irrigation - Spray Irrigation Definition Order Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Gravels At 143 Petersham Road, Richmond, Surrey Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 9th July 1973 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1872	1	518100 173300
	Water Abstractions Operator: Petersham Nurseries Limited Licence Number: 28/39/35/0004 Permit Version: 102 Location: Gravels At 143 Petersham Road, Richmond, Surrey Authority: Environment Agency, Thames Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Petersham Nurseries, Petersham Road, Richmond, Surrey Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 15th May 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1896	1	518080 173320
	Water Abstractions Operator: Petersham Nurseries Limited Licence Number: 28/39/35/0004 Permit Version: 101 Location: Gravels At 143 Petersham Road, Richmond, Surrey Authority: Environment Agency, Thames Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Gravels At 143 Petersham Road, Richmond, Surrey Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 11th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1896	1	518080 173320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Petersham Nurseries Limited Licence Number: 28/39/35/0004 Permit Version: 101 Location: Gravels At 143 Petersham Road, Richmond, Surrey Authority: Environment Agency, Thames Region Abstraction: Horticulture and Nurseries: Spray Irrigation - Spray Irrigation Definition Order Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Gravels At 143 Petersham Road, Richmond, Surrey Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 11th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1896	1	518080 173320
22	Water Industry Act Referrals Name: Bae Systems Plc Location: Military Aircraft Division, Richmond Road, KINGSTON UPON THAMES, Surrey, KT2 5QS Authority: Environment Agency, Thames Region Permit Reference: AE2951 Dated: 20th February 1992 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	798	1	518149 170414
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 39 West London Scale: 1:100,000	A13NW (NW)	0	1	518507 171311
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 39 West London Scale: 1:100,000	A13NW (N)	0	1	518516 171411
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NW)	0	4	518507 171311
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (NW)	0	4	518507 171311
	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 None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Historical Landfill Sites Licence Holder: Not Supplied Location: Broom Road Name: Broom Road Recreation Ground Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11363 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 5810/0001 BGS Ref: Not Supplied Other Ref: 8RI001, RIC001	A7NW (SW)	825	1	517803 170642
	Local Authority Landfill Coverage Name: Royal Borough of Kingston Upon Thames - Has supplied landfill data		0	3	518494 171295
	Local Authority Landfill Coverage Name: London Borough of Richmond Upon Thames - Has no landfill data to supply		0	8	518507 171311

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: London Clay	A13NW (NW)	0	4	518507 171311
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13NW (NW)	0	5	518507 171311
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13SE (E)	66	5	518690 171254
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13SW (S)	147	5	518507 171000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13SE (S)	176	5	518561 171000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13SE (SE)	179	5	518753 171170
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A13SE (SE)	305	5	518754 171000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14NW (E)	311	5	518945 171408
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14NW (E)	314	5	518951 171381
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14NW (E)	358	5	519000 171311
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14SW (E)	372	5	519000 171222
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A12NE (W)	405	5	518000 171311
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A12SE (SW)	461	5	518000 171000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14SW (SE)	481	5	519000 171000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A19SW (NE)	485	5	519000 171701
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A19SW (NE)	491	5	518915 171787
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14SW (SE)	503	5	519028 171000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A18NW (N)	535	5	518507 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14NE (E)	576	5	519215 171379

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A18NE (N)	613	5	518771 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14SE (E)	638	5	519279 171279
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A18NE (NE)	642	5	518826 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A7NE (SW)	679	5	518000 170649
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A7NW (SW)	689	5	517805 170882
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A17NE (NW)	713	5	518000 172000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A19NW (NE)	717	5	519000 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A9NW (SE)	724	5	519000 170655
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A12SW (W)	739	5	517700 171000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A14SE (E)	855	5	519434 171000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A9SW (SE)	860	5	519000 170474
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic: no data Concentration: Cadmium: no data Concentration: Chromium: no data Concentration: Lead Concentration: no data Nickel: no data Concentration:	A7NW (SW)	861	5	517729 170682

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: London Arsenic no data Concentration: Cadmium no data Concentration: Chromium no data Concentration: Lead Concentration: no data Nickel no data Concentration:	A15SW (E)	955	5	519542 171000
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518729, 171261 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 22.00 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 66.00 mg/kg Concentration: Lead Measured 299.00 mg/kg Concentration: Nickel Measured 27.00 mg/kg Concentration:	A13SE (E)	106	4	518729 171261
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518252, 171247 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 47.00 mg/kg Concentration: Lead Measured 142.00 mg/kg Concentration: Nickel Measured 14.00 mg/kg Concentration:	A13SW (W)	156	4	518252 171247
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518733, 171753 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 56.00 mg/kg Concentration: Lead Measured 93.00 mg/kg Concentration: Nickel Measured 12.00 mg/kg Concentration:	A18SE (NE)	382	4	518733 171753
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518162, 171825 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 48.00 mg/kg Concentration: Lead Measured 100.00 mg/kg Concentration: Nickel Measured 12.00 mg/kg Concentration:	A17SE (NW)	474	4	518162 171825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518811, 170728 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 64.00 mg/kg Concentration: Lead Measured 159.00 mg/kg Concentration: Nickel Measured 22.00 mg/kg Concentration:	A8NE (SE)	544	4	518811 170728
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518172, 170659 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 36.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 83.00 mg/kg Concentration: Lead Measured 1170.00 mg/kg Concentration: Nickel Measured 27.00 mg/kg Concentration:	A7NE (SW)	569	4	518172 170659
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 517794, 171161 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 55.00 mg/kg Concentration: Lead Measured 188.00 mg/kg Concentration: Nickel Measured 18.00 mg/kg Concentration:	A12SW (W)	614	4	517794 171161
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 519264, 171291 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 13.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 43.00 mg/kg Concentration: Lead Measured 96.00 mg/kg Concentration: Nickel Measured 8.00 mg/kg Concentration:	A14SE (E)	623	4	519264 171291
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 519223, 171756 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 63.00 mg/kg Concentration: Lead Measured 59.00 mg/kg Concentration: Nickel Measured 12.00 mg/kg Concentration:	A19SE (NE)	697	4	519223 171756

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 517788, 171803 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 52.00 mg/kg Concentration: Lead Measured 85.00 mg/kg Concentration: Nickel Measured 14.00 mg/kg Concentration:	A17SW (NW)	758	4	517788 171803
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518755, 172256 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 13.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 59.00 mg/kg Concentration: Lead Measured 37.00 mg/kg Concentration: Nickel Measured 14.00 mg/kg Concentration:	A18NE (N)	840	4	518755 172256
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518303, 172289 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 22.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 61.00 mg/kg Concentration: Lead Measured 135.00 mg/kg Concentration: Nickel Measured 19.00 mg/kg Concentration:	A18NW (N)	841	4	518303 172289
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 519261, 170743 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 12.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 57.00 mg/kg Concentration: Lead Measured 67.00 mg/kg Concentration: Nickel Measured 12.00 mg/kg Concentration:	A9NE (SE)	846	4	519261 170743
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 517870, 172143 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 54.00 mg/kg Concentration: Lead Measured 81.00 mg/kg Concentration: Nickel Measured 15.00 mg/kg Concentration:	A17NE (NW)	906	4	517870 172143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518326, 170244 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 62.00 mg/kg Concentration: Lead Measured 766.00 mg/kg Concentration: Nickel Measured 25.00 mg/kg Concentration:	A3NW (S)	914	4	518326 170244
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 517659, 170666 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 61.00 mg/kg Concentration: Cadmium Measured 4.40 mg/kg Concentration: Chromium Measured 145.00 mg/kg Concentration: Lead Measured 1795.00 mg/kg Concentration: Nickel Measured 131.00 mg/kg Concentration:	A7NW (SW)	928	4	517659 170666
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 518738, 170255 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.00 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 63.00 mg/kg Concentration: Lead Measured 1219.00 mg/kg Concentration: Nickel Measured 28.00 mg/kg Concentration:	A3NE (S)	933	4	518738 170255
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7189 Arsenic Minimum 1.00 mg/kg Concentration: Arsenic Average 17.00 mg/kg Concentration: Arsenic Maximum 161.00 mg/kg Concentration: Cadmium Minimum 0.30 mg/kg Concentration: Cadmium Average 0.90 mg/kg Concentration: Cadmium Maximum 165.20 mg/kg Concentration: Chromium Minimum 13.00 mg/kg Concentration: Chromium Average 79.00 mg/kg Concentration: Chromium Maximum 2094.00 mg/kg Concentration: Lead Minimum 11.00 mg/kg Concentration: Lead Average 280.00 mg/kg Concentration: Lead Maximum 10000.00 mg/kg Concentration: Nickel Minimum 2.00 mg/kg Concentration: Nickel Average 28.00 mg/kg Concentration: Nickel Maximum 506.00 mg/kg Concentration:	A13NW (NW)	0	4	518507 171311

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	518507 171311
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	518507 171311
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	181	4	518754 171169
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	518507 171311
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	518507 171311
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	68	4	518692 171253
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	181	4	518754 171169
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	518507 171311
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	116	4	518556 171567
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	518507 171311
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	518507 171311

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Contemporary Trade Directory Entries Name: G T Harris Location: 9, Garth Close, Kingston upon Thames, Surrey, KT2 5PA Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	15	-	518565 171220
25	Contemporary Trade Directory Entries Name: S J M Cleaning Services Location: 131, Latchmere Lane, Kingston upon Thames, Surrey, KT2 5NX Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	73	-	518625 171197
26	Contemporary Trade Directory Entries Name: Tudor Dry Cleaners Location: 172, Tudor Drive, Kingston upon Thames, Surrey, KT2 5QG Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	77	-	518387 171111
27	Contemporary Trade Directory Entries Name: Shutter Light Ltd Location: 203, Tudor Drive, Kingston upon Thames, Surrey, KT2 5NU Classification: Shutters - Internal Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	94	-	518540 171089
28	Contemporary Trade Directory Entries Name: Granada Office Equipment Location: 38, Cardinal Avenue, Kingston upon Thames, Surrey, KT2 5SB Classification: Office Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	154	-	518408 171004
28	Contemporary Trade Directory Entries Name: Granada Typewriters & Copiers Location: 38, Cardinal Avenue, Kingston upon Thames, Surrey, KT2 5SB Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	154	-	518408 171004
29	Contemporary Trade Directory Entries Name: Pels Location: 30 Latchmere La, Kingston upon Thames, Surrey, KT2 5PD Classification: Machine Tool Accessories & Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	156	-	518642 171098
30	Contemporary Trade Directory Entries Name: Eden Scientific Ltd Location: 1, Beechrow, Church Road, Ham, Richmond, Surrey, TW10 5HE Classification: Laboratory Equipment, Instruments & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	354	-	518155 171625
31	Contemporary Trade Directory Entries Name: A.S. Services Location: 347, Park Road, Kingston upon Thames, Surrey, KT2 5LY Classification: Waste Disposal Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	358	-	518893 171063
31	Contemporary Trade Directory Entries Name: Sparkle & Shine Location: 4, Woodcote Close, Kingston upon Thames, Surrey, KT2 5LZ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	361	-	518877 171040
32	Contemporary Trade Directory Entries Name: M & S Partnership Location: 292, Tudor Drive, Kingston upon Thames, Surrey, KT2 5QL Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	425	-	518838 170914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Contemporary Trade Directory Entries Name: Johnstone'S Layland Decorating Centre Location: Unit 14, St. Georges Industrial Estate, Richmond Road, Kingston upon Thames, Surrey, KT2 5BQ Classification: Painting & Decorating Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	426	-	517984 171289
33	Contemporary Trade Directory Entries Name: Automated Process & Control Manufacturing Co Ltd Location: Unit 11, St. Georges Industrial Estate, Richmond Road, Kingston upon Thames, Surrey, KT2 5BQ Classification: Valve Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	435	-	517982 171323
33	Contemporary Trade Directory Entries Name: Anglo Abrasives Ltd Location: Unit 9, St. Georges Industrial Estate, Richmond Road, Kingston upon Thames, Surrey, KT2 5BQ Classification: Abrasive Products - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	437	-	517979 171342
34	Contemporary Trade Directory Entries Name: Toolstation Location: Unit 4, St. Georges Industrial Estate, Richmond Road, Kingston upon Thames, Surrey, KT2 5BQ Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	496	-	517919 171364
34	Contemporary Trade Directory Entries Name: Brewers Location: St. Georges Ind Est, Richmond Rd, Kingston upon Thames, Surrey, KT2 5BQ Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	499	-	517918 171341
35	Contemporary Trade Directory Entries Name: Ram Installations Location: 328, Richmond Road, Kingston upon Thames, Surrey, KT2 5PP Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	504	-	517920 171084
36	Contemporary Trade Directory Entries Name: Brookbrae Location: 7, Cranleigh Gardens, Kingston Upon Thames, Surrey, KT2 5TX Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	518	-	518820 170770
37	Contemporary Trade Directory Entries Name: Putney Builders Merchants Ltd Location: Unit 2, St. Georges Industrial Estate, Richmond Road, Kingston upon Thames, Surrey, KT2 5BQ Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	534	-	517882 171357
37	Contemporary Trade Directory Entries Name: Nikon Uk Ltd Location: Nikon House, 380, Richmond Road, Kingston upon Thames, Surrey, KT2 5PR Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	571	-	517845 171352
37	Contemporary Trade Directory Entries Name: Nikon Location: Nikon House, 380, Richmond Road, Kingston upon Thames, Surrey, KT2 5PR Classification: Photographic Equipment Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	571	-	517845 171352
38	Contemporary Trade Directory Entries Name: Microtees Location: 31, Barnfield Avenue, Kingston upon Thames, Surrey, KT2 5RD Classification: T-Shirts Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	547	-	517905 171576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Contemporary Trade Directory Entries Name: Ajinomoto Ag Location: 9, Spencer Court, Parkleys, Richmond, Surrey, TW10 5LP Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	558	-	517966 171709
40	Contemporary Trade Directory Entries Name: B 'N' S Salvage Location: Flat 26, Cranmer Court, Richmond Road, Kingston upon Thames, Surrey, KT2 5PY Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	611	-	517819 171512
41	Contemporary Trade Directory Entries Name: Divine Dry Cleaners Location: 424, Richmond Road, Kingston upon Thames, Surrey, KT2 5PU Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	639	-	517804 171566
41	Contemporary Trade Directory Entries Name: Sketchley Retail Ltd Location: 424, Richmond Road, Kingston upon Thames, Surrey, KT2 5PU Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	639	-	517804 171566
41	Contemporary Trade Directory Entries Name: M & J Hardware Location: 6, Parkleys Parade, Upper Ham Road, Richmond, Surrey, TW10 5LF Classification: Hardware Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (NW)	651	-	517806 171608
42	Contemporary Trade Directory Entries Name: Four Seasons Garage Location: 215, Richmond Road, Kingston upon Thames, Surrey, KT2 5DG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	-	518047 170637
42	Contemporary Trade Directory Entries Name: Albany Park Service Station Location: Richmond Road, Kingston upon Thames, Surrey, KT2 5DF Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	-	518047 170637
43	Contemporary Trade Directory Entries Name: Aristocrat Cleaners Location: 311, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	677	-	517763 171561
43	Contemporary Trade Directory Entries Name: Vetech Motor Services Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	-	517745 171527
43	Contemporary Trade Directory Entries Name: Hamcross Self Serve Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	-	517745 171527
43	Contemporary Trade Directory Entries Name: Crown Ltd Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	-	517745 171527

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Contemporary Trade Directory Entries Name: Crown Motorcycles Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	-	517745 171527
43	Contemporary Trade Directory Entries Name: New 2 You Autos Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	-	517745 171527
43	Contemporary Trade Directory Entries Name: Ham Cross Service Station Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	-	517745 171527
43	Contemporary Trade Directory Entries Name: Calibre Cars Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	686	-	517745 171527
44	Contemporary Trade Directory Entries Name: Albany Blind Co Location: Albany Boathouse, Lower Ham Road, Kingston upon Thames, Surrey, KT2 5BB Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	729	-	517934 170642
45	Contemporary Trade Directory Entries Name: Cje Ceramics Location: 8, Dukes Avenue, Kingston upon Thames, Surrey, KT2 5QY Classification: Medical & Dental Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	737	-	517700 171557
46	Contemporary Trade Directory Entries Name: Surrey Dental Lab Location: 9, Dukes Avenue, Kingston upon Thames, Surrey, KT2 5QR Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	773	-	517656 171521
47	Contemporary Trade Directory Entries Name: Hill Park Group Location: 110, Park Road, Kingston upon Thames, Surrey, KT2 5JZ Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	774	-	519020 170606
48	Contemporary Trade Directory Entries Name: Lisa Burgess Location: 58, Burton Road, Kingston upon Thames, Surrey, KT2 5TF Classification: Lingerie Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	784	-	518373 170369
49	Contemporary Trade Directory Entries Name: The Cassel Hospital Location: 1, Ham Common, Richmond, Surrey, TW10 7JF Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	819	-	517708 171791
50	Contemporary Trade Directory Entries Name: Shell (Uk) Ltd Location: 164, Richmond Road, Kingston upon Thames, Surrey, KT2 5HD Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	879	-	518192 170312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Contemporary Trade Directory Entries Name: Shell Location: 164, Richmond Road, Kingston upon Thames, Surrey, KT2 5HD Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	879	-	518192 170312
51	Contemporary Trade Directory Entries Name: Lucy White Location: 173, Kings Road, Kingston upon Thames, Surrey, KT2 5JG Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A3NE (S)	892	-	518580 170263
51	Contemporary Trade Directory Entries Name: Trustid Services Location: 1778 Kings Rd, Kingston upon Thames, Surrey, KT2 5JG Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A3NE (S)	917	-	518585 170238
52	Contemporary Trade Directory Entries Name: Smart Fleet Location: 47, Northweald Lane, Kingston upon Thames, Surrey, KT2 5GN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	894	-	517518 171330
53	Contemporary Trade Directory Entries Name: Sure-Kil (Building Preservations) Location: 7, Burton Road, Kingston upon Thames, Surrey, KT2 5TG Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	954	-	518406 170195
54	Contemporary Trade Directory Entries Name: Park M O T Centre Location: 224, Kings Road, Kingston upon Thames, Surrey, KT2 5HX Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (S)	959	-	518912 170299
54	Contemporary Trade Directory Entries Name: V & P Autos Location: 224, Kings Road, Kingston upon Thames, Surrey, KT2 5HX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (S)	959	-	518912 170299
54	Contemporary Trade Directory Entries Name: Park M O T Location: 224, Kings Road, Kingston upon Thames, Surrey, KT2 5HX Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (S)	959	-	518912 170299
54	Contemporary Trade Directory Entries Name: County Coachworks Location: 220, Kings Road, Kingston upon Thames, Surrey, KT2 5HX Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A4NW (S)	963	-	518898 170287
54	Contemporary Trade Directory Entries Name: Park Service Location: 224-226 Kings Rd, Kingston upon Thames, Surrey, KT2 5HX Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A4NW (S)	971	-	518919 170289
55	Contemporary Trade Directory Entries Name: Iron Maiden Services Ltd Location: 135, Richmond Road, Kingston upon Thames, Surrey, KT2 5BZ Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A2NE (S)	965	-	518169 170229
55	Contemporary Trade Directory Entries Name: Mirror 4 U Location: 135, Richmond Road, Kingston upon Thames, Surrey, KT2 5BZ Classification: Mirrors & Decorative Glass Status: Inactive Positional Accuracy: Manually positioned to the address or location	A2NE (S)	965	-	518169 170229

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Contemporary Trade Directory Entries Name: B R C Ltd Location: 129, Richmond Road, Kingston upon Thames, Surrey, KT2 5BZ Classification: Radio Communication Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NE (S)	979	-	518174 170213
56	Contemporary Trade Directory Entries Name: Kingscourt Coachworks Location: A, 94, Kings Road, Kingston upon Thames, Surrey, KT2 5HT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	976	-	518491 170171
56	Contemporary Trade Directory Entries Name: Mk Crash Repairs Location: The Flat, 92a, Kings Road, Kingston upon Thames, Surrey, KT2 5HT Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	980	-	518484 170168
57	Fuel Station Entries Name: Albany Park Service Station Location: 215, Richmond Road, Kingston upon Thames, Surrey, KT2 5DD Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	-	518047 170637
58	Fuel Station Entries Name: Ham Cross Service Station Location: 297, Richmond Road, Kingston upon Thames, Surrey, KT2 5QU Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A12NW (W)	686	-	517745 171527
59	Fuel Station Entries Name: Shell Kingstonian Location: 164, Richmond Road, Kingston upon Thames, Surrey, KT2 5HD Brand: SHELL Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A8SW (S)	879	-	518192 170312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Local Nature Reserves Name: Ham Common, Richmond, London Multiple Area: N Area (m2): 402679.52 Source: Natural England Designation Date: 1st January 2001	A13NE (N)	0	6	518530 171397
61	National Nature Reserves Name: Richmond Park Multiple Areas: N Total Area (m2): 8466210.92 Source: Natural England Reference: 1007634 Designation Date: Not Supplied	A14NW (E)	285	6	518916 171435
62	Nitrate Vulnerable Zones Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NW (NW)	0	7	518507 171311
63	Sites of Special Scientific Interest Name: Richmond Park Multiple Areas: N Total Area (m2): 8466210.92 Source: Natural England Reference: 1002388 Designation Details: Local Nature Reserve Designation Date: 4th March 1992 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 4th March 1992 Date Type: Notified	A14NW (E)	285	6	518916 171435
64	Special Areas of Conservation Name: Richmond Park Multiple Areas: N Total Area (m2): 8466210.92 Source: Natural England Reference: UK0030246 Status: Designated	A14NW (E)	285	6	518916 171435

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Epsom And Ewell Borough Council - Environmental Health Department London Borough of Wandsworth - Environmental Health Department Spelthorne Borough Council - Environmental Health Department Elmbridge Borough Council - Environmental Health Department London Borough of Merton - Environmental Health Department London Borough of Hounslow - Contaminated Land Section London Borough of Richmond upon Thames - Planning and Review Department Royal Borough of Kingston upon Thames - Environmental Health Department	January 2012 January 2012 January 2012 June 2011 June 2012 November 2011 November 2011 November 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	April 2012	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	June 2012	Quarterly
Integrated Pollution Controls Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Thames Region	April 2012	Quarterly
Local Authority Integrated Pollution Prevention And Control London Borough of Richmond upon Thames - Environmental Health Department Spelthorne Borough Council - Environmental Health Department London Borough of Wandsworth - Environmental Health Department London Borough of Hounslow - Environmental Health Department Epsom And Ewell Borough Council - Environmental Health Department London Port Health Authority - Environmental Services London Borough of Merton - Environmental Health Department Royal Borough of Kingston upon Thames - Environmental Health Department Elmbridge Borough Council - Environmental Health Department	April 2012 April 2012 August 2011 December 2011 February 2012 January 2012 June 2011 March 2006 May 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls London Borough of Richmond upon Thames - Environmental Health Department London Borough of Wandsworth - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Borough of Kingston upon Thames - Environmental Health Department Epsom And Ewell Borough Council - Environmental Health Department London Port Health Authority - Environmental Services Elmbridge Borough Council - Environmental Health Department London Borough of Merton - Environmental Health Department Spelthorne Borough Council - Environmental Health Department	April 2012 August 2011 December 2011 February 2006 February 2012 January 2012 June 2011 June 2011 May 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements London Borough of Richmond upon Thames - Environmental Health Department London Borough of Wandsworth - Environmental Health Department London Borough of Hounslow - Environmental Health Department Epsom And Ewell Borough Council - Environmental Health Department London Port Health Authority - Environmental Services London Borough of Merton - Environmental Health Department Royal Borough of Kingston upon Thames - Environmental Health Department Spelthorne Borough Council - Environmental Health Department Elmbridge Borough Council - Environmental Health Department	April 2012 August 2011 December 2011 February 2012 January 2012 June 2011 June 2011 March 2006 May 2011 May 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	December 2011	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	June 2012	Monthly

Agency & Hydrological	Version	Update Cycle
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	June 2012	Monthly
Registered Radioactive Substances Environment Agency - Thames Region	April 2012	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2011	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2011	Annually
Substantiated Pollution Incident Register Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	April 2012 April 2012	Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	April 2012	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	April 2012	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	September 2011	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	September 2011	Annually
Source Protection Zones Environment Agency - Head Office	April 2012	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2012	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2012	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2012	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2012	Quarterly
Flood Defences Environment Agency - Head Office	May 2012	Quarterly













Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	January 2012 January 2012	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	April 2012 April 2012	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	April 2012 April 2012	Quarterly Quarterly
Local Authority Landfill Coverage Elmbridge Borough Council - Environmental Health Department Epsom And Ewell Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department London Borough of Merton - Environmental Health Department London Borough of Richmond upon Thames London Borough of Wandsworth - Environmental Health Department Royal Borough of Kingston upon Thames - Environmental Health Department Spelthorne Borough Council - Environmental Health Department Surrey County Council	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites London Borough of Wandsworth - Environmental Health Department Elmbridge Borough Council - Environmental Health Department Epsom And Ewell Borough Council - Environmental Health Department London Borough of Hounslow - Environmental Health Department London Borough of Merton - Environmental Health Department London Borough of Richmond upon Thames Spelthorne Borough Council - Environmental Health Department Royal Borough of Kingston upon Thames - Environmental Health Department Surrey County Council	April 2003 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 September 2003 September 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	May 2012	Bi-Annually
Explosive Sites Health and Safety Executive	June 2012	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Elmbridge Borough Council Royal Borough of Kingston upon Thames London Port Health Authority - Environmental Services London Borough of Richmond upon Thames London Borough of Merton Surrey County Council Epsom And Ewell Borough Council - Planning Department London Borough of Wandsworth - Technical Services Spelthorne Borough Council - Planning Department London Borough of Hounslow	April 2012 April 2012 January 2008 January 2012 May 2012 May 2012 November 2011 November 2011 November 2011 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Elmbridge Borough Council Royal Borough of Kingston upon Thames London Port Health Authority - Environmental Services London Borough of Richmond upon Thames London Borough of Merton Surrey County Council Epsom And Ewell Borough Council - Planning Department London Borough of Wandsworth - Technical Services Spelthorne Borough Council - Planning Department London Borough of Hounslow	April 2012 April 2012 January 2008 January 2012 May 2012 May 2012 November 2011 November 2011 November 2011 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2012	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	June 2011	Variable
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	June 2011	Variable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	August 2011	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2012	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2012	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt		
Elmbridge Borough Council	April 2012	As notified
Epsom And Ewell Borough Council - Planning Department	April 2012	As notified
London Borough of Hounslow	April 2012	As notified
London Borough of Richmond upon Thames	April 2012	As notified
Royal Borough of Kingston upon Thames	April 2012	As notified
Spelthorne Borough Council	April 2012	As notified
Areas of Unadopted Green Belt		
Elmbridge Borough Council	April 2012	As notified
Epsom And Ewell Borough Council - Planning Department	April 2012	As notified
London Borough of Hounslow	April 2012	As notified
London Borough of Richmond upon Thames	April 2012	As notified
Royal Borough of Kingston upon Thames	April 2012	As notified
Spelthorne Borough Council	April 2012	As notified
Areas of Outstanding Natural Beauty		
Natural England	February 2012	Bi-Annually
Environmentally Sensitive Areas		
Natural England	February 2012	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2012	Bi-Annually
Marine Nature Reserves		
Natural England	February 2012	Bi-Annually
National Nature Reserves		
Natural England	February 2012	Bi-Annually
National Parks		
Natural England	February 2012	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Annually
Ramsar Sites		
Natural England	February 2012	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2012	Bi-Annually
Special Areas of Conservation		
Natural England	February 2012	Bi-Annually
Special Protection Areas		
Natural England	February 2012	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Countryside Council for Wales	 CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	London Borough of Richmond upon Thames - Environmental Health Department 4 Waldegrave Road, Teddington, Middlesex, TW11 8EN	Telephone: 020 8891 1411 Fax: 020 8891 7702 Website: www.richmond.gov.uk
3	Royal Borough of Kingston upon Thames - Environmental Health Department Guildhall 2, High Street, Kingston-upon-thames, Surrey, KT1 1EU	Telephone: 0208 547 5757 Fax: 0181 547 5363 Website: www.kingston.gov.uk
4	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
5	Landmark Information Group Limited 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
6	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
8	London Borough of Richmond upon Thames Civic Centre, 44 York Street, Twickenham, Middlesex, TW1 3BZ	Telephone: 020 8891 1411 Fax: 020 8891 7702 Website: www.richmond.gov.uk
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.

Envirocheck[®] Report:

BGS Boreholes Datasheet

Order Details:

Order Number:

40288424_1_1

Customer Reference:

12.07.020

National Grid Reference:

518510, 171310

Slice:

A

Site Area (Ha):

3.5

Borehole Search Buffer (m):

1000

Site Details:

H M Resettlement Prison, Latchmere House
Church Road, Ham
RICHMOND
Surrey
TW10 5HH

Client Details:

MR M Bateman
Listers Geotechnical Consultants Ltd
Slapton Hill Barn
Blakesley Road
Slapton
Nr Towcester
Northants
NN12 8QD

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
BGS Boreholes	pg 1	None	None	5	6

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

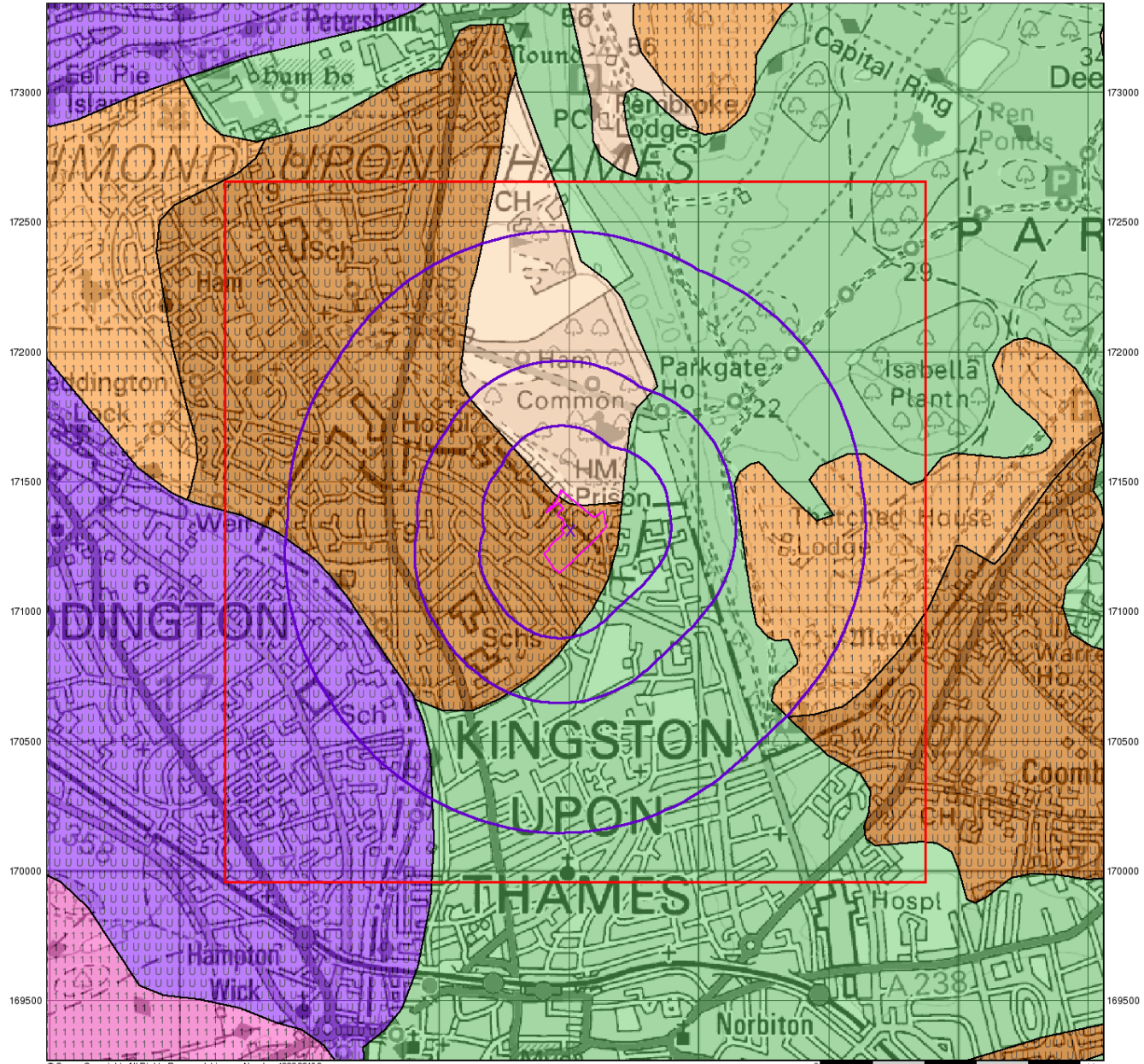
Report Version v47.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	BGS Boreholes BGS Reference: Tq17se11 Drilled Length (m): 6.1 Borehole Name: Parkgate House Richmond 3	A18SE (N)	268	4	518600 171700
65	BGS Boreholes BGS Reference: Tq17se210 Drilled Length (m): 5.41 Borehole Name: Ham Common	A18SE (N)	279	4	518560 171730
66	BGS Boreholes BGS Reference: Tq17se243 Drilled Length (m): 9.44 Borehole Name: Parkgate Farm Housing Development 3	A8NE (SE)	355	4	518720 170900
67	BGS Boreholes BGS Reference: Tq17se242 Drilled Length (m): 9.14 Borehole Name: Parkgate Farm Housing Development 2	A8NE (SE)	421	4	518730 170820
68	BGS Boreholes BGS Reference: Tq17se241 Drilled Length (m): 9.14 Borehole Name: Parkgate Farm Housing Development 1	A8NE (SE)	495	4	518760 170750
69	BGS Boreholes BGS Reference: Tq17se282 Drilled Length (m): Not Supplied Borehole Name: Thatched House Lodge Richmond Park 2	A14SE (E)	628	4	519268 171265
70	BGS Boreholes BGS Reference: Tq17se13 Drilled Length (m): 6.7 Borehole Name: Leyland Factory Kingston 2	A12SW (W)	656	4	517750 171250
71	BGS Boreholes BGS Reference: Tq17se225 Drilled Length (m): 5.79 Borehole Name: Half Mile Tree, Lower Ham Road, Ham	A7NW (SW)	696	4	517810 170860
72	BGS Boreholes BGS Reference: Tq17se226 Drilled Length (m): 5.33 Borehole Name: Ham Common	A17SW (NW)	849	4	517710 171850
73	BGS Boreholes BGS Reference: Tq17se100 Drilled Length (m): 6 Borehole Name: Sudbrook Park Golf Club	A18NW (N)	878	4	518200 172300
74	BGS Boreholes BGS Reference: Tq17se158 Drilled Length (m): 6.5 Borehole Name: 289 Petersham Road Richmond	A17NE (NW)	893	4	517910 172160

BGS Boreholes	Version	Update Cycle
BGS Boreholes British Geological Survey - National Geoscience Information Service	April 2012	Quarterly

Contact Details	Contact Logo
<p>4 British Geological Survey - Enquiry Service</p> <p>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG</p> <p>Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk</p>	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
<p>- Landmark Information Group Limited</p> <p>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB</p> <p>Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk</p>	

516500 517000 517500 518000 518500 519000 519500 520000 520500



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Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Minor Aquifer (Variably Permeable)

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Non Aquifer (Negligibly Permeable)

Low

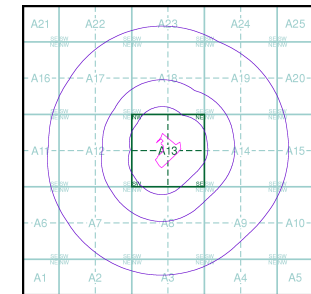
Water or Sea

Low

Drift Deposit

Low

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 40288424_1_1
 Customer Ref: 12.07.020
 National Grid Reference: 518510, 171310
 Slice: A
 Site Area (Ha): 3.5
 Search Buffer (m): 1000

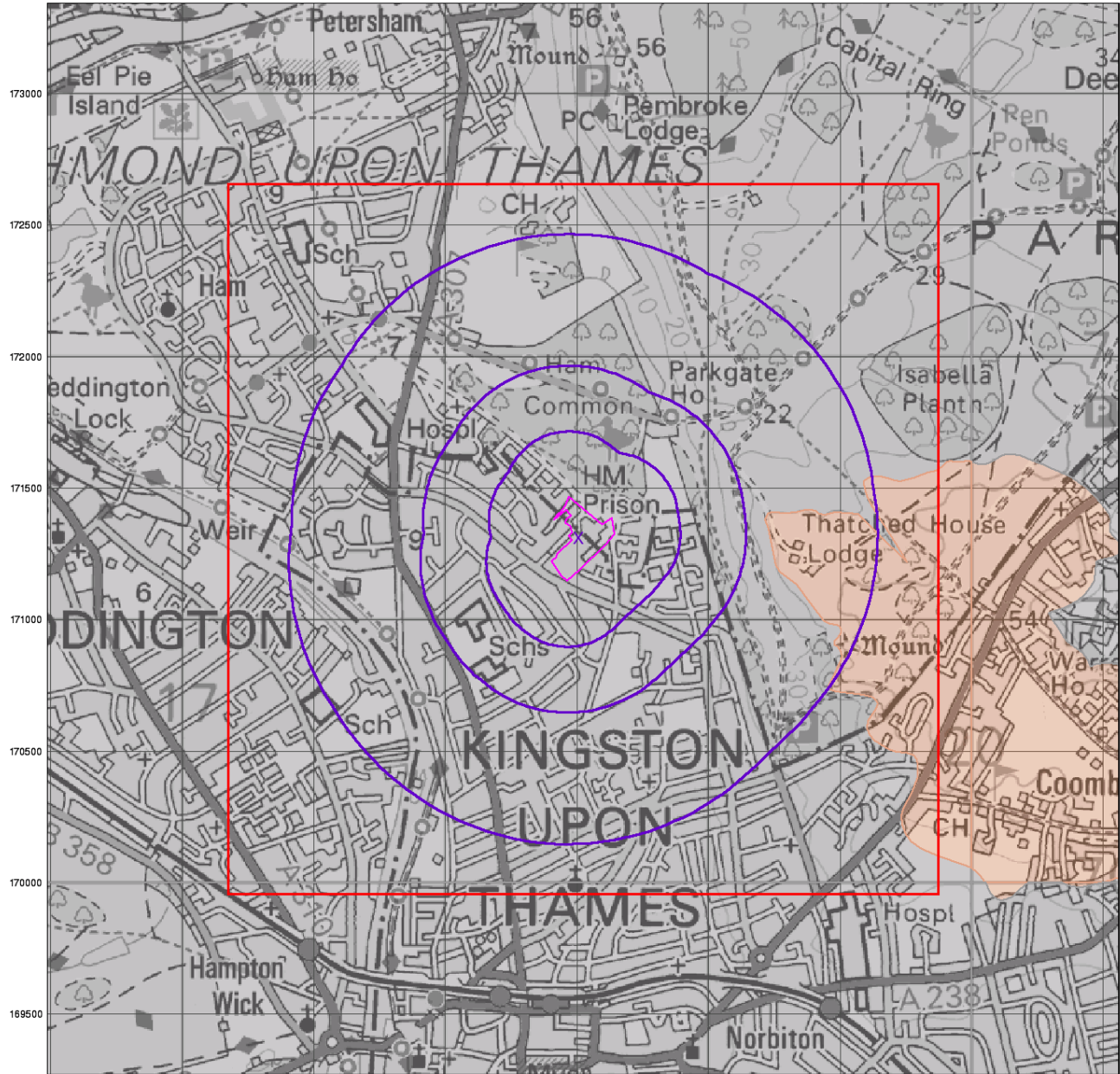
Site Details

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Bedrock Aquifer Designation

General

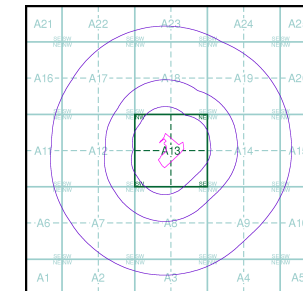
- ◆ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

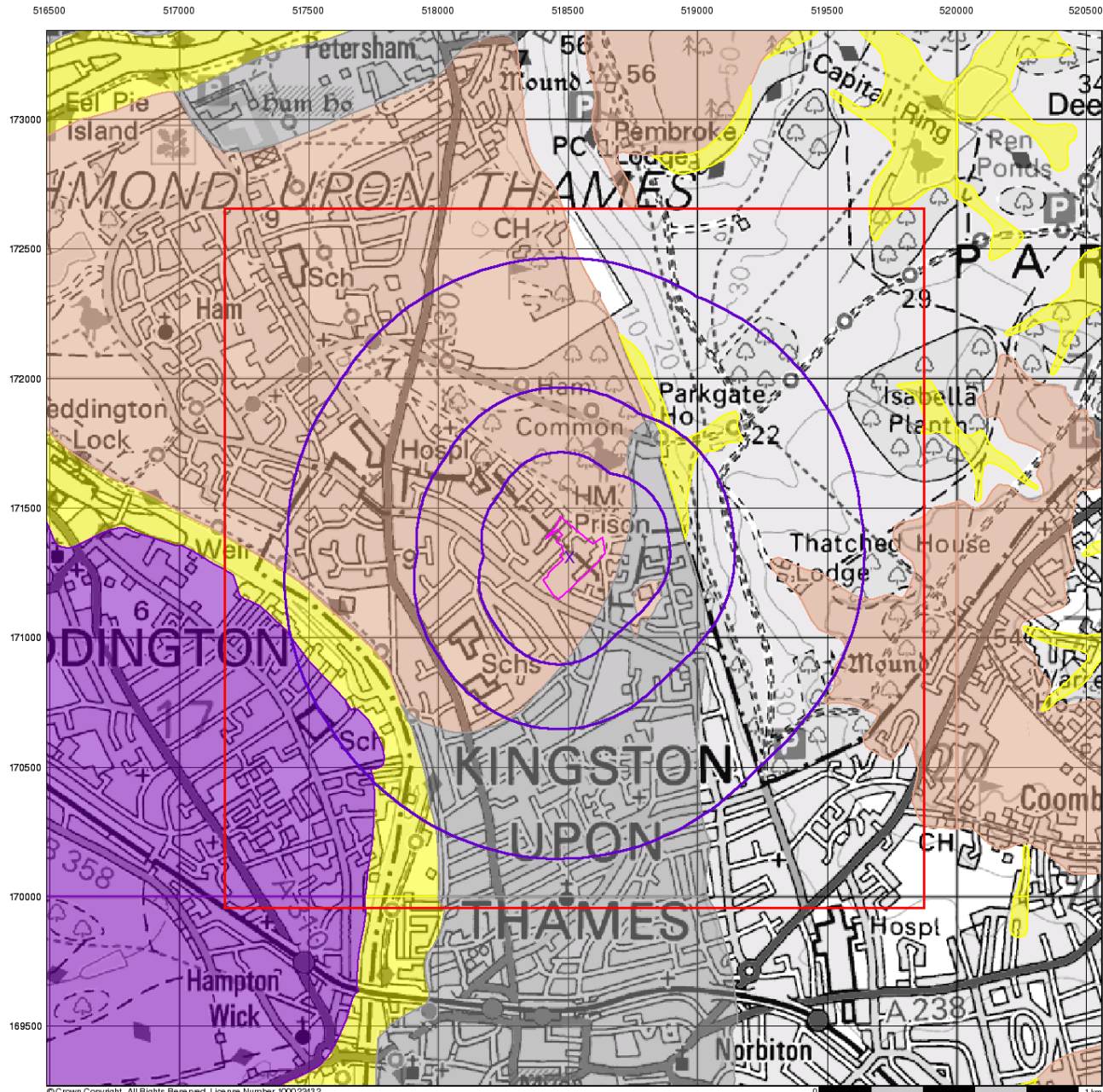
Order Number: 40288424_1_1
 Customer Ref: 12.07.020
 National Grid Reference: 518510, 171310
 Slice: A
 Site Area (Ha): 3.5
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

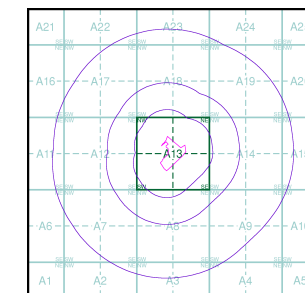
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

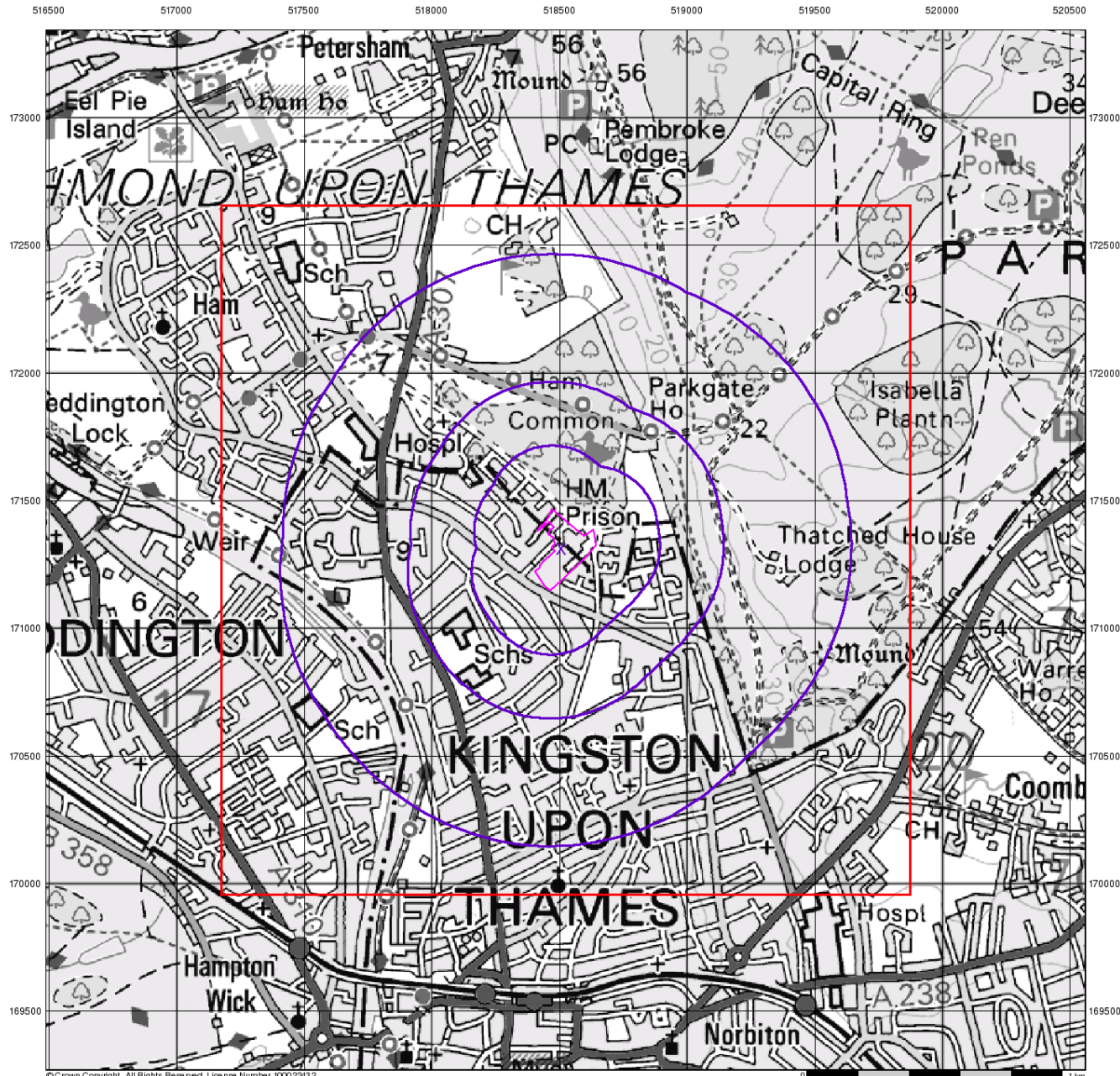
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 Customer Ref: 12.07.020
 National Grid Reference: 518510, 171310
 Slice: A
 Site Area (Ha): 3.5
 Search Buffer (m): 1000

Site Details

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Source Protection Zones

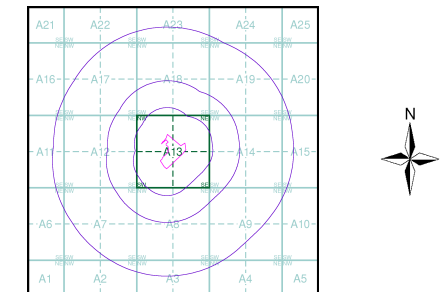
General

- ◆ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

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 Search Buffer (m): 1000

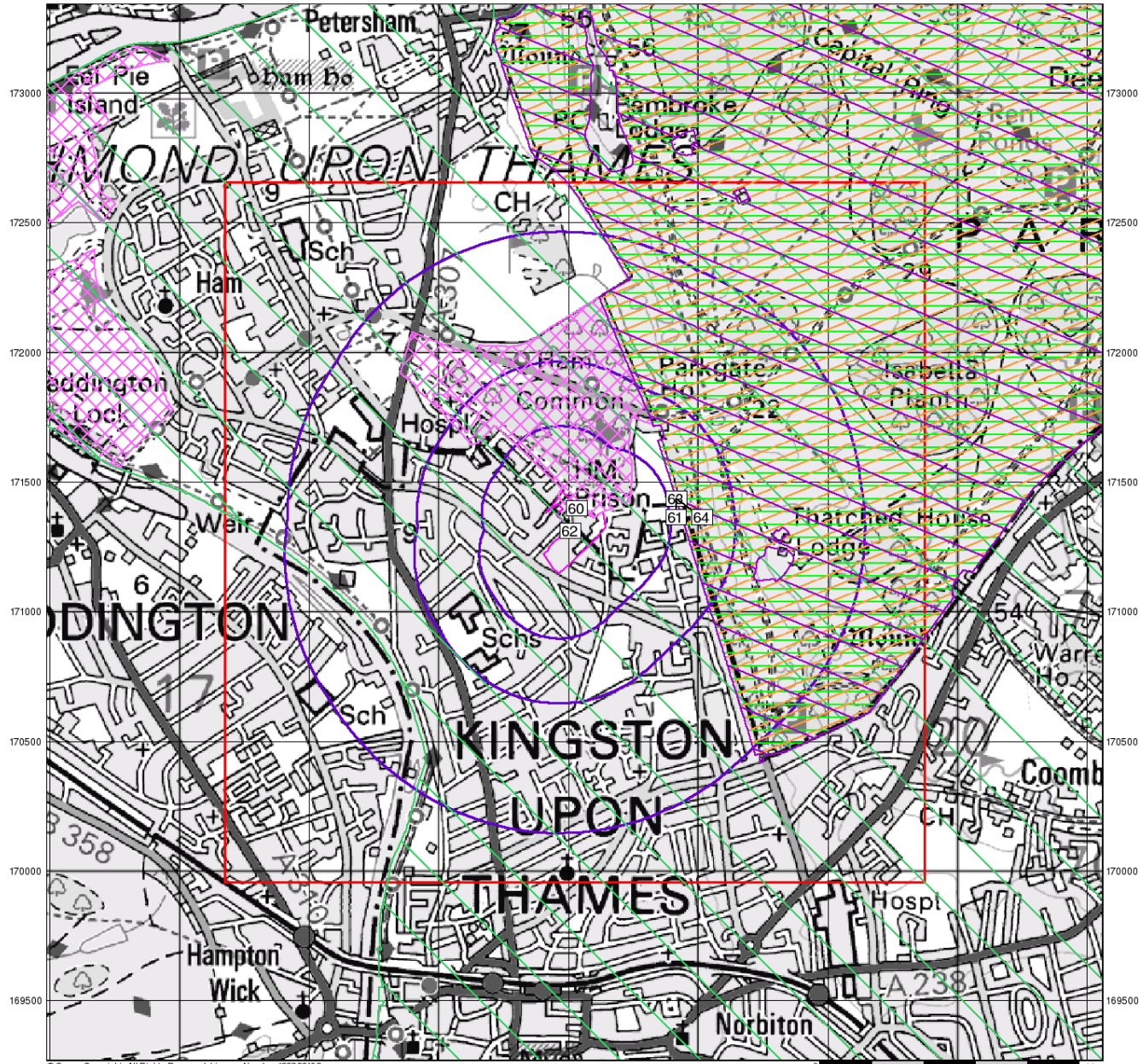
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Sensitive Land Uses

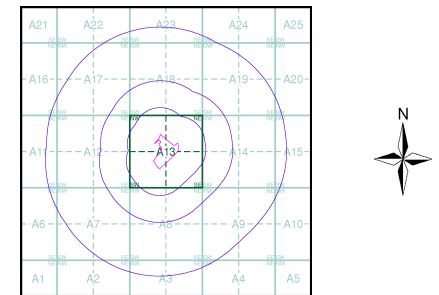
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

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Site Details

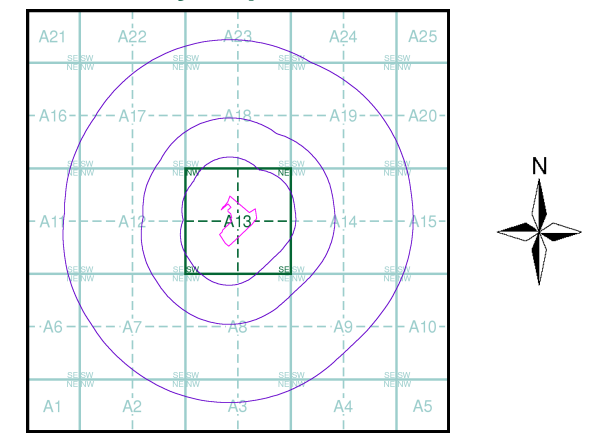
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

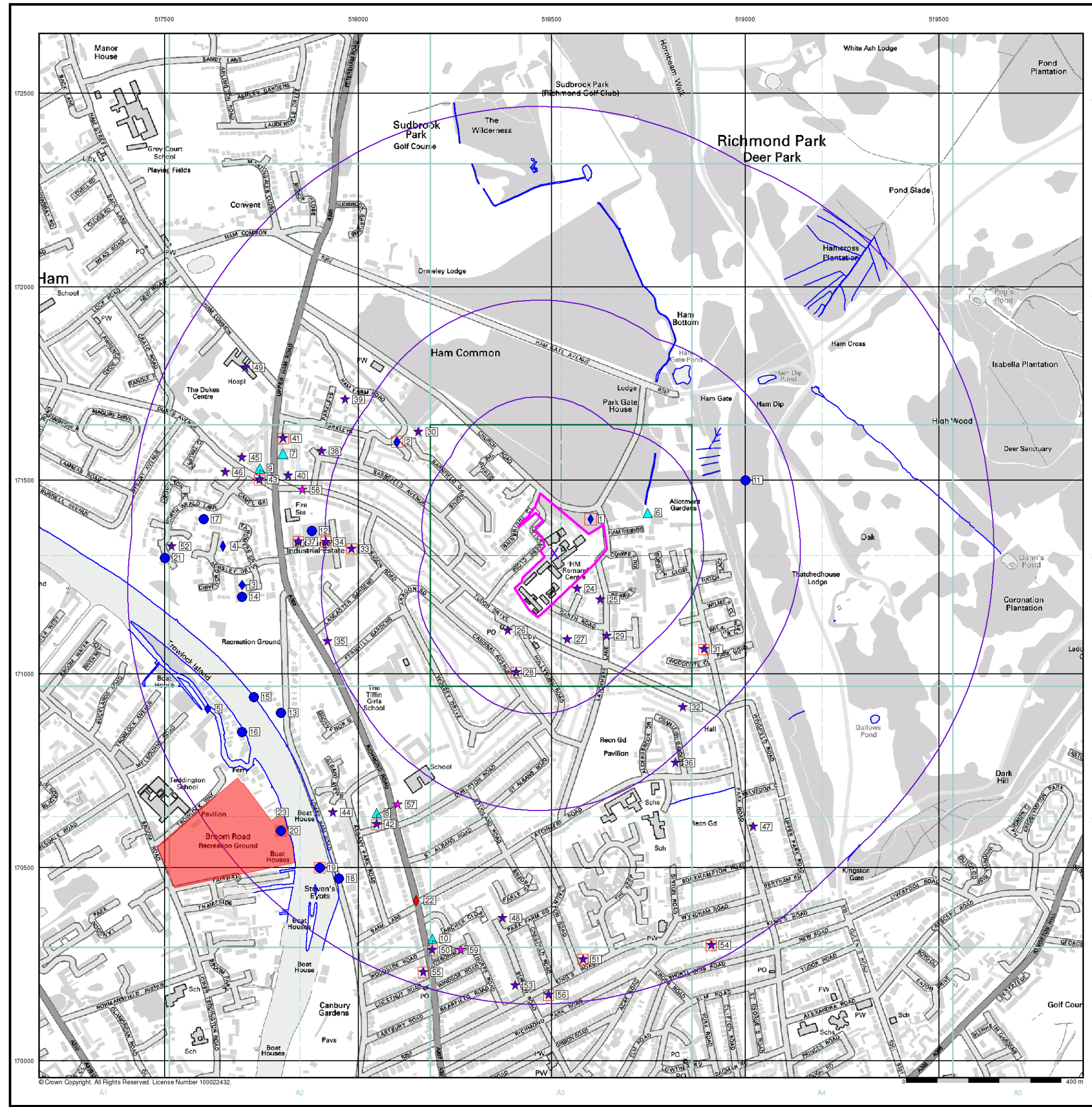
Site Sensitivity Map - Slice A



Order Details

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Site Details
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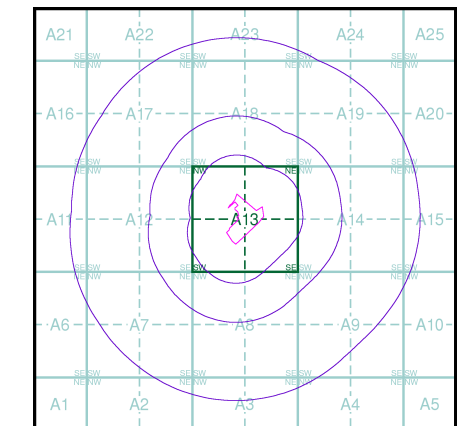
General

- Specified Site
- Specified Buffer(s)
- 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



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