Appendix 'B'
Laboratory Test Work

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:-	Westmoreland Farm, Hinkley, Leicestershire	**Laboratory Tests Undertaken:-**	
Client:-	Savage Haywood	**TEST TYPE**	**TEST METHOD** / **TESTED**
Client Reference:-	-	Natural Moisture Contents (MC%)	(BS 1377:Part 2:1990 Clause 3.2) ✓
Date Samples Received:-	15th November 2010	Liquid Limits (%)	(BS 1377:Part 2:1990 Clause 4.3) ✓
Date Testing Completed:-	19th November 2010	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^4g/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			

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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	**GEOTECHNICAL LABORATORY TEST RESULTS**	Project Ref
November 2010		10.11.009

GroundTech Laboratories

Geotechnical Testing Facility

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Quality Assured to ISO 9001

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 SO4 g/l
WS 1	D	0.10		27											6									
	D	0.50		18																				
	D	1.00	PI/63	21	32	16	16	93	15	CL	64	0.66	18	0.33										
	D	1.50		19																				
	D	2.00	PI/63	18	32	15	18	95	17	CL	66	0.56	17	0.20									8.5	0.02
	D	2.50		14																				
	D	3.00		16																				
	D	3.50	PI/63	17	32	15	17	91	16	CL	64	0.53	17	0.13										
	D	4.00		14																				
	D	4.50		14																				
	D	5.00	PSD	10																				
WS 3	D	0.10		4																				
	D	0.50		24																				
	D	1.00	PSD	18																				
	D	1.50		18																				
	D	2.00	PI/63	15	31	14	17	63	11	CL	42	0.48	16	0.07										
	D	2.50		13																				
	D	3.00		13																				
	D	3.50	PI/63	14	31	14	17	90	16	CL	64	0.45	16	0.00									8.6	0.02

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			HP	Hand Penetrometer		
W	Water Sample	PSD	Wet Sieving			V	Vane Test		

Report Date	**LABORATORY TEST RESULTS**	**Project Ref**	**Client Ref**
November 2010		10.11.009	-

GroundTech Laboratories

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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 SO4 g/l
WS 3	D	4.00		14																				
WS 4	D	0.20		21											4								8.2	0.04
	D	0.50		20																				
	D	1.00	PSD	15																				
	D	1.50		18																				
	D	2.00	PI/63	18	30	14	16	95	15	CL	62	0.60	16	0.25										
	D	2.50		19																				
	D	3.00	PI/63	14	30	14	16	86	14	CL	61	0.46	16	0.00										
TP 5	D	0.50		15											4									
	D	1.00	PI/63	17	43	18	25	95	24	CI	78	0.40	20	-0.03										
	D	2.00		12																				
	D	2.80	PI/63	13	30	14	15	91	14	CL	64	0.44	16	-0.10									8.6	0.02
TP 6	D	0.30		24																				
	D	0.50		21																				
	D	1.00	PI/63	20	35	15	19	95	18	CL	65	0.58	17	0.24										
	D	2.00		13																				
	D	2.80	PI/63	15	30	14	15	92	14	CL	65	0.50	16	0.04										
TP 7	D	0.30		23																				
	D	0.50		25											4								7.5	0.08

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			HP	Hand Penetrometer		
W	Water Sample	PSD	Wet Sieving			V	Vane Test		

Report Date	**LABORATORY TEST RESULTS**	**Project Ref**	**Client Ref**
November 2010		10.11.009	-

GroundTech Laboratories

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Quality Assured to ISO 9001

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 SO4 g/l
TP 7	D	1.00	PI/63	19	35	16	18	93	17	CL	64	0.55	18	0.14										
	D	2.00		19																				
	D	3.00	PI/63	16	32	15	17	88	15	CL	58	0.50	17	0.07										
TP 8	D	0.30		24																				
	D	0.50	PI/63	24	42	21	21	97	20	CI	77	0.57	23	0.13										
	D	1.00		19																				
	D	1.50	PI/63	21	46	19	27	95	26	CI	81	0.46	21	0.08										
	D	2.00		19																				
	D	3.00	PI/63	13	23	12	11	71	8	CL	46	0.56	14	0.09										
TP 9	D	0.30		20																				
	D	1.00	PI/63	18	33	15	18	90	16	CL	64	0.55	17	0.16										
	D	1.80	PI/63	15	31	14	16	92	15	CL	66	0.49	16	0.04									8.3	0.04
TP 10	D	0.30		22																				
	D	0.60	PI/63	20	33	17	16	95	15	CL	62	0.60	19	0.17										
	D	1.00		20																				
	D	2.00	PI/63	14	30	15	15	91	14	CL	65	0.47	17	-0.06										
	D	2.60		14																				
TP 11	D	0.50		25																				
	D	1.00	PI/63	17	31	15	17	87	14	CL	61	0.54	17	0.12									8.1	0.02

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			HP	Hand Penetrometer		
W	Water Sample	PSD	Wet Sieving			V	Vane Test		

Report Date November 2010	**LABORATORY TEST RESULTS**	**Project Ref** 10.11.009	**Client Ref** -

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Quality Assured to ISO 9001

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 SO4 g/l
TP 11	D	2.00		15																				
	D	2.80	PI/63	14	32	15	18	90	16	CL	65	0.44	17	-0.03										
TP 12	D	0.50		18											3									
	D	1.00	PI/63	21	36	15	21	98	20	CI	70	0.58	17	0.28										
	D	2.00		14																				
	D	3.00	PSD	12																				
TP 13	D	0.30		19											4									
	D	1.00	PI/63	23	32	15	17	74	13	CL	40	0.71	17	0.45										
	D	1.50		19																				
	D	2.00	PI/63	15	28	13	15	84	12	CL	53	0.54	15	0.12										

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			HP	Hand Penetrometer		
W	Water Sample	PSD	Wet Sieving			V	Vane Test		

Report Date November 2010	**LABORATORY TEST RESULTS**	**Project Ref** 10.11.009	**Client Ref** -

GroundTech Laboratories

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

Quality Assured ISO 9001

Client: Savage Haywood

Site: Westmoreland Farm, Hinkley, Leicestershire

Test Location: WS 1

Sample Depth: 5.00m

Sample Description:

Hydrometer No.:

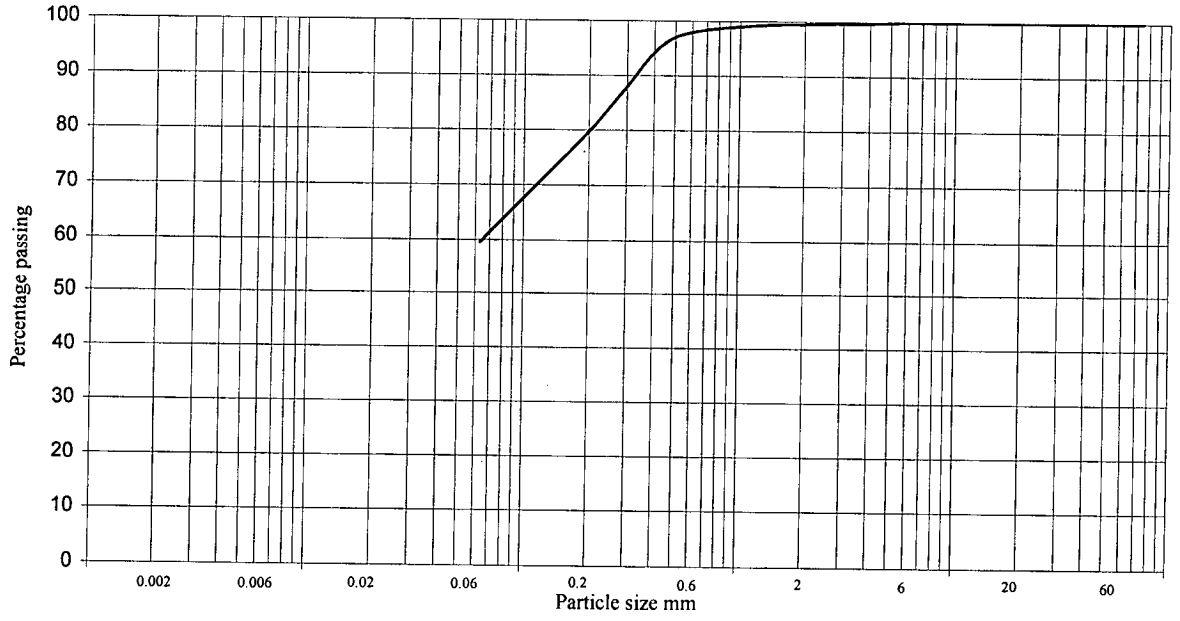
SG Gs:

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			
10mm			
6.3mm			
5mm	99.81		
3.5mm	99.65		
2mm	99.49		
1.18mm	99.19		
600µm	97.90		
425µm	95.14		
300µm	87.91		
212µm	80.74		
150µm	74.53		
63µm	59.51		



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

Report Date November 2010	**PARTICLE SIZE DISTRIBUTION**	Client Ref	Project Ref 10.11.009

GroundTech Laboratories

Geotechnical Testing Facility

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Quality Assured ISO 9001

Client: Savage Haywood

Site: Westmoreland Farm, Hinkley, Leicestershire

Test Location: WS 3

Sample Depth: 1.00m

Sample Description:

Hydrometer No.:

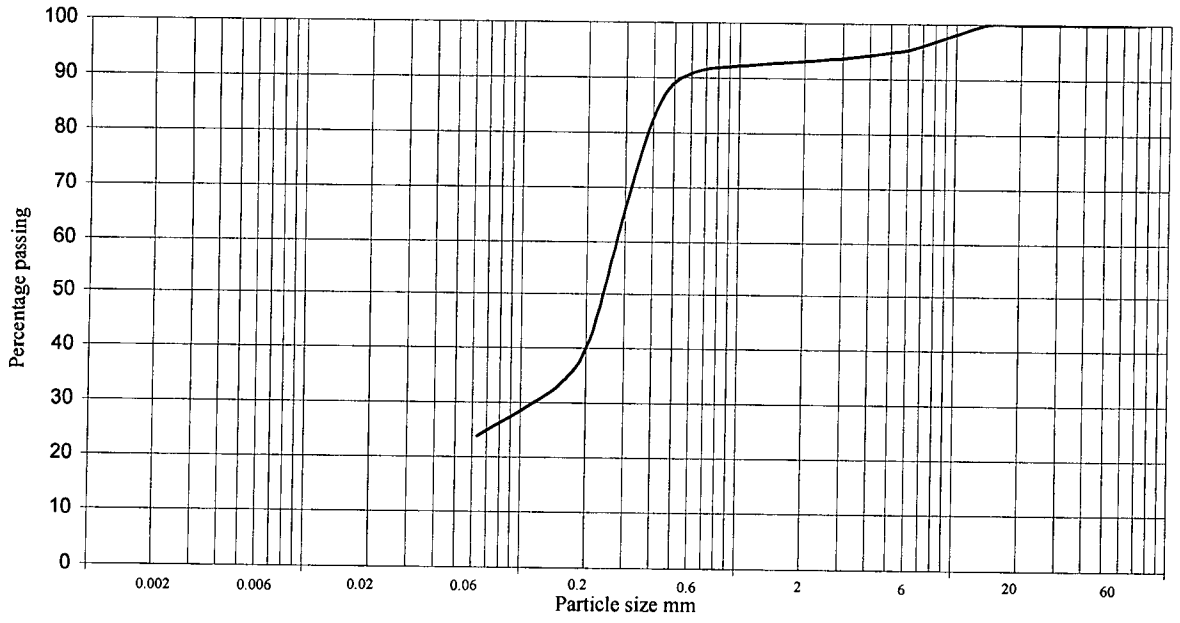
SG Gs:

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			
10mm	98.13		
6.3mm	95.51		
5mm	94.86		
3.5mm	93.94		
2mm	93.16		
1.18mm	92.47		
600µm	90.86		
425µm	84.84		
300µm	65.81		
212µm	42.46		
150µm	33.17		
63µm	23.74		



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

Report Date November 2010	**PARTICLE SIZE DISTRIBUTION**	Client Ref	Project Ref 10.11.009

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Quality Assured ISO 9001

Client: Savage Haywood

Site: Westmoreland Farm, Hinkley, Leicestershire

Test Location: WS 4

Sample Depth: 1.00m

Sample Description:

Hydrometer No.:

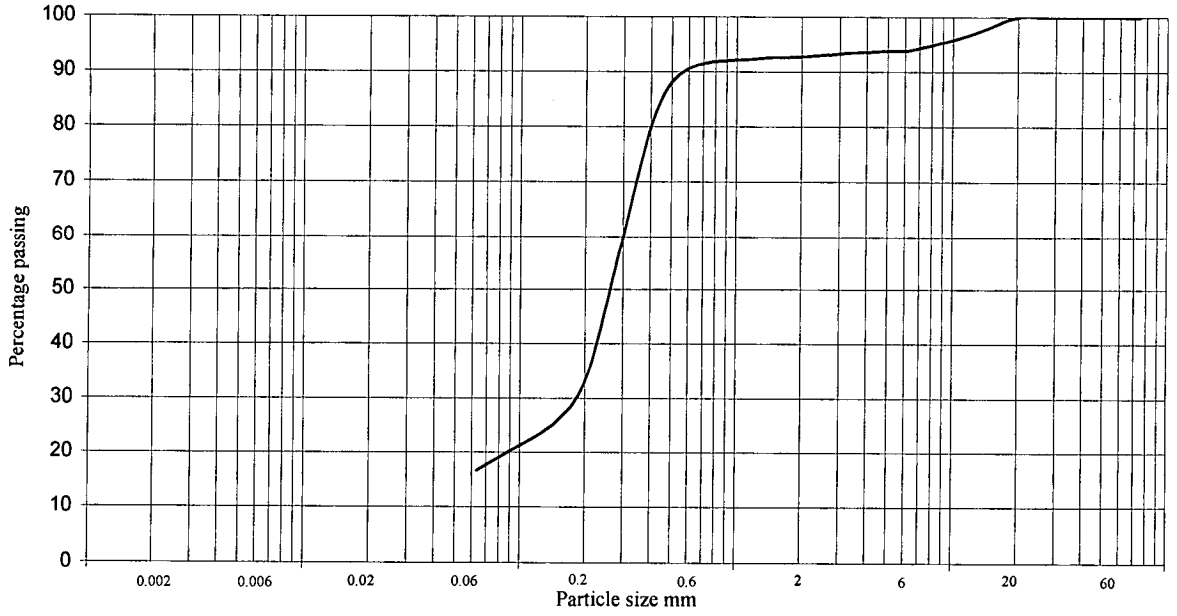
SG Gs:

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	97.73		
10mm	95.82		
6.3mm	93.96		
5mm	93.83		
3.5mm	93.47		
2mm	92.79		
1.18mm	92.33		
600µm	90.57		
425µm	82.65		
300µm	59.87		
212µm	35.67		
150µm	25.83		
63µm	16.62		



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

Report Date		Client Ref	Project Ref
November 2010	**PARTICLE SIZE DISTRIBUTION**		10.11.009

GroundTech Laboratories

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Quality Assured ISO 9001

Client: Savage Haywood

Site: Westmoreland Farm, Hinkley, Leicestershire

Test Location: TP 12

Sample Depth: 3.00m

Sample Description:

Hydrometer No.:

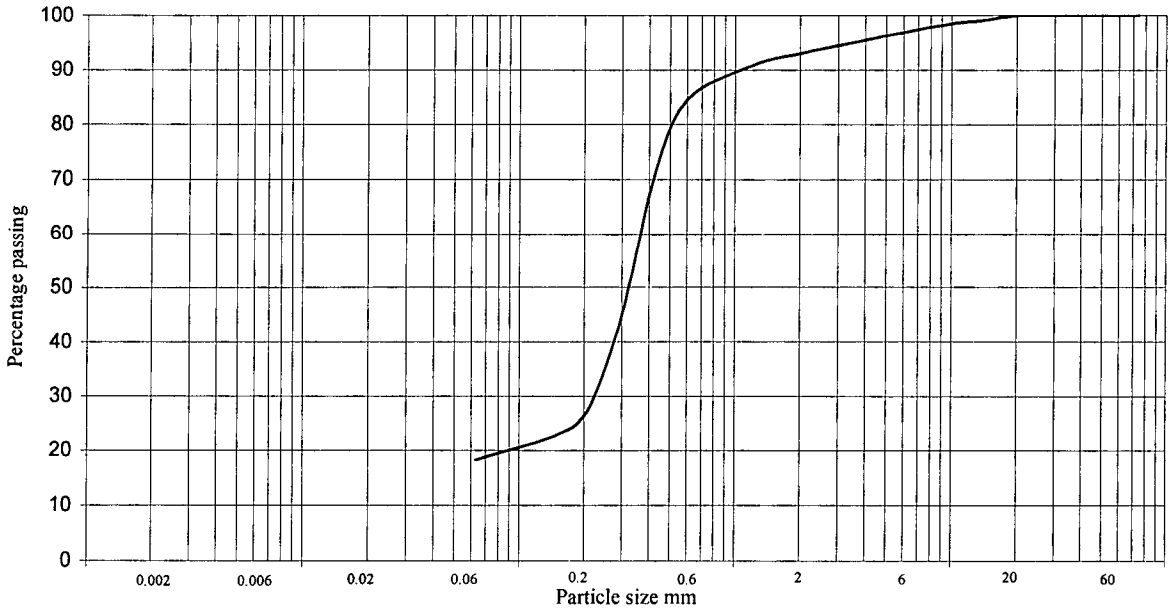
SG Gs:

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	99.08		
10mm	98.52		
6.3mm	97.04		
5mm	96.35		
3.5mm	94.93		
2mm	93.05		
1.18mm	90.72		
600μm	84.48		
425μm	70.69		
300μm	44.82		
212μm	27.86		
150μm	22.90		
63μm	18.32		



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

Report Date	PARTICLE SIZE DISTRIBUTION	Client Ref	Project Ref
November 2010			10.11.009

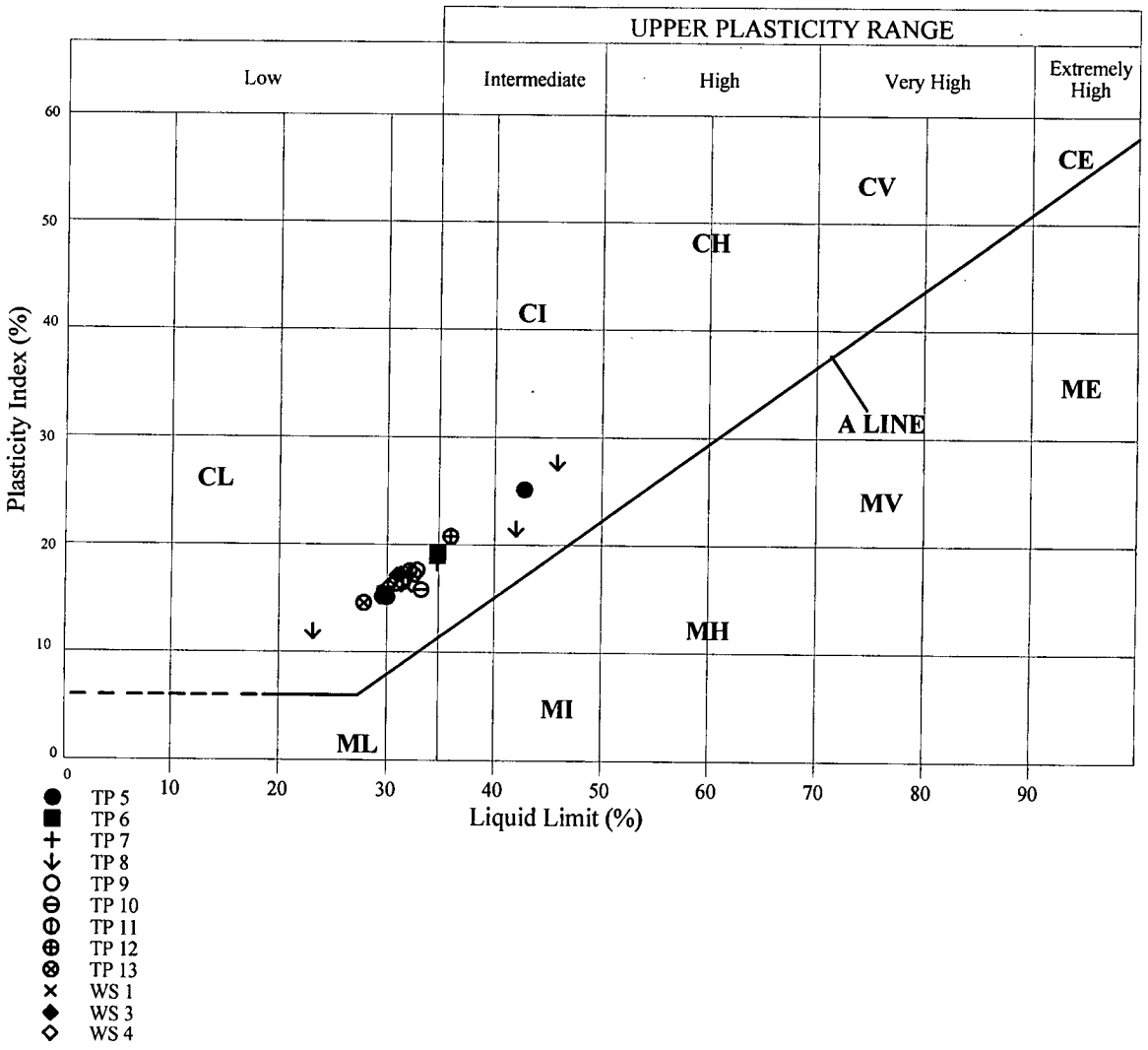
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Telephone:- 01327 860947/860060 Fax:- 01327 860430

Quality Assured to ISO9001

Site: Westmoreland Farm, Hinkley, Leicestershire



Date	PLASTICITY CHART	Lab. Ref. 10.11.009
November 2010		Client Ref.

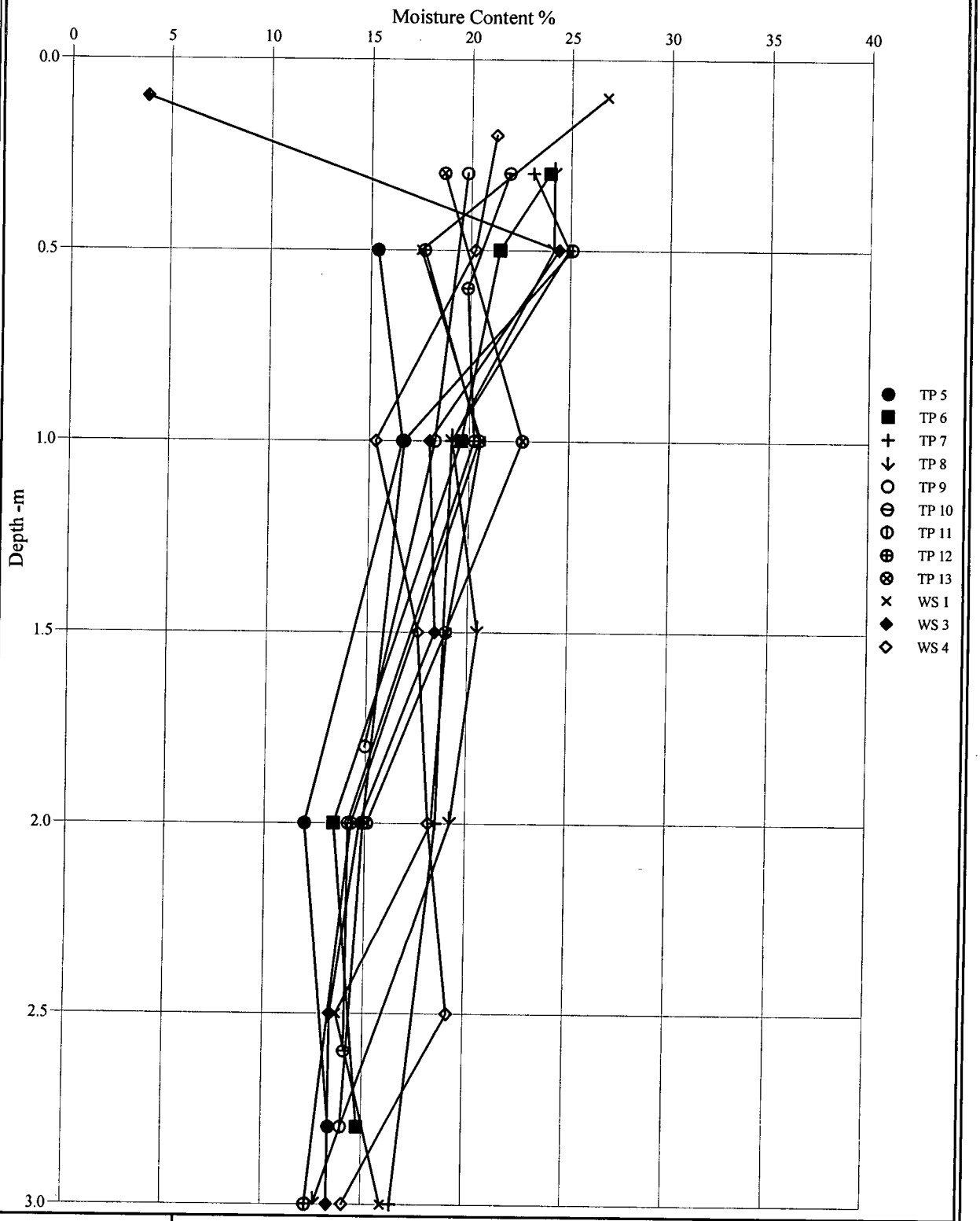
GroundTech Laboratories

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Telephone:- 01327 860947/860060 Fax:- 01327 860430

Quality Assured to ISO9001

Site: Westmoreland Farm, Hinkley, Leicestershire



Date		Lab Ref. 10.11.009
November 2010	**MOISTURE CONTENT v DEPTH**	Client Ref.

Listers Geotechnical Consultants
Slapton Hill Barn, Blakesley Road
Slapton, Towcester
Northamptonshire
NN12 8QD

FAO Sandy David

LABORATORY TEST REPORT

Results of analysis of 9 samples received 16 November 2010

1011009 - Hinkley

Chemtest
The right chemistry to deliver results

Report Date 24 November 2010

Login Batch No					121459					
Chemtest LIMS ID					AF48732	AF48733	AF48734	AF48735	AF48736	AF48737
Sample ID					WS1	WS3	TP6	TP7	TP8	TP10
Sample No										
Sampling Date					15/11/2010	15/11/2010	15/11/2010	15/11/2010	15/11/2010	15/11/2010
Depth					0.5m	0.5m	0.3m	0.3m	0.3m	0.6m
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	0.7	0.7	0.7
2450	Arsenic	7440382	mg kg^{-1}	M	6.1	6.0	7.7	4.5	7.3	6.6
	Cadmium	7440439	mg kg^{-1}	M	0.13	0.28	0.41	<0.10	0.12	<0.10
	Chromium	7440473	mg kg^{-1}	M	26	12	8.1	12	17	20
	Copper	7440508	mg kg^{-1}	M	20	12	31	11	14	25
	Mercury	7439976	mg kg^{-1}	M	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
	Nickel	7440020	mg kg^{-1}	M	34	10	12	9.9	11	18
	Lead	7439921	mg kg^{-1}	M	21	17	36	27	31	20
	Selenium	7782492	mg kg^{-1}	M	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	Vanadium	7440622	mg kg^{-1}	M	27	15	14	16	17	24
	Zinc	7440666	mg kg^{-1}	M	55	32	77	36	44	46
2675	TPH aliphatic >C5-C6		mg kg^{-1}	N						< 0.1
	TPH aliphatic >C6-C8		mg kg^{-1}	N						< 0.1
	TPH aliphatic >C8-C10		mg kg^{-1}	N						< 0.1
	TPH aliphatic >C10-C12		mg kg^{-1}	N						48
	TPH aliphatic >C12-C16		mg kg^{-1}	N						450
	TPH aliphatic >C16-C21		mg kg^{-1}	N						19
	TPH aliphatic >C21-C35		mg kg^{-1}	N						< 0.1
	TPH aliphatic >C35-C44		mg kg^{-1}	N						< 0.1
	TPH aromatic >C5-C7		mg kg^{-1}	N						< 0.1
	TPH aromatic >C7-C8		mg kg^{-1}	N						< 0.1
	TPH aromatic >C8-C10		mg kg^{-1}	N						< 0.1
	TPH aromatic >C10-C12		mg kg^{-1}	N						0.80
	TPH aromatic >C12-C16		mg kg^{-1}	N						18
	TPH aromatic >C16-C21		mg kg^{-1}	N						11
	TPH aromatic >C21-C35		mg kg^{-1}	N						3.4
	TPH aromatic >C35-C44		mg kg^{-1}	N						< 0.1

All tests undertaken between 18/11/2010 and 24/11/2010

* Accreditation status

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

Listers Geotechnical Consultants
Slapton Hill Barn, Blakesley Road
Slapton, Towcester
Northamptonshire
NN12 8QD

FAO Sandy David

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 16 November 2010

1011009 - Hinkley

Chemtest
The right chemistry to deliver results

Report Date
24 November 2010

Login Batch No					**121459**			
Chemtest LIMS ID					AF48738	AF48739	AF48740	
Sample ID					TP10	TP11	TP12	
Sample No								
Sampling Date					15/11/2010	15/11/2010	15/11/2010	
Depth					1m	0.5m	0.5m	
Matrix					*SOIL*	*SOIL*	*SOIL*	
SOP↓	Determinand↓	CAS No↓	Units↓					
2120	Boron (hot water soluble)	7440428	mg kg^{-1}	M	0.8	0.6	<0.4	
2450	Arsenic	7440382	mg kg^{-1}	M	5.5	7.2	6.6	
	Cadmium	7440439	mg kg^{-1}	M	0.17	0.21	0.12	
	Chromium	7440473	mg kg^{-1}	M	19	24	18	
	Copper	7440508	mg kg^{-1}	M	19	22	15	
	Mercury	7439976	mg kg^{-1}	M	<0.10	<0.10	<0.10	
	Nickel	7440020	mg kg^{-1}	M	27	26	16	
	Lead	7439921	mg kg^{-1}	M	15	34	19	
	Selenium	7782492	mg kg^{-1}	M	<0.20	<0.20	0.28	
	Vanadium	7440622	mg kg^{-1}	M	21	27	21	
	Zinc	7440666	mg kg^{-1}	M	47	130	49	
2675	TPH aliphatic >C5-C6		mg kg^{-1}	N				
	TPH aliphatic >C6-C8		mg kg^{-1}	N				
	TPH aliphatic >C8-C10		mg kg^{-1}	N				
	TPH aliphatic >C10-C12		mg kg^{-1}	N				
	TPH aliphatic >C12-C16		mg kg^{-1}	N				
	TPH aliphatic >C16-C21		mg kg^{-1}	N				
	TPH aliphatic >C21-C35		mg kg^{-1}	N				
	TPH aliphatic >C35-C44		mg kg^{-1}	N				
	TPH aromatic >C5-C7		mg kg^{-1}	N				
	TPH aromatic >C7-C8		mg kg^{-1}	N				
	TPH aromatic >C8-C10		mg kg^{-1}	N				
	TPH aromatic >C10-C12		mg kg^{-1}	N				
	TPH aromatic >C12-C16		mg kg^{-1}	N				
	TPH aromatic >C16-C21		mg kg^{-1}	N				
	TPH aromatic >C21-C35		mg kg^{-1}	N				
	TPH aromatic >C35-C44		mg kg^{-1}	N				

* Accreditation status

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Listers Geotechnical Consultants
Slapton Hill Barn, Blakesley Road
Slapton, Towcester
Northamptonshire
NN12 8QD

FAO Sandy David

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 16 November 2010

1011009 - Hinkley

Chemtest
The right chemistry to deliver results

Report Date
24 November 2010

					121459					
					AF48732	AF48733	AF48734	AF48735	AF48736	AF48737
					WS1	WS3	TP6	TP7	TP8	TP10
					15/11/2010	15/11/2010	15/11/2010	15/11/2010	15/11/2010	15/11/2010
					0.5m	0.5m	0.3m	0.3m	0.3m	0.6m
					SOIL	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
2675	Total Petroleum Hydrocarbons		mg kg^{-1}	N						550
2676	TPH >C5-C6		mg kg^{-1}	U	< 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	
	TPH >C7-C8		mg kg^{-1}	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
	TPH >C8-C10		mg kg^{-1}	M	< 0.1	< 0.1	0.23	< 0.1	< 0.1	
	TPH >C10-C12		mg kg^{-1}	M	< 0.1	< 0.1	1.5	< 0.1	< 0.1	
	TPH >C12-C16		mg kg^{-1}	M	9.5	2.2	4.1	0.39	< 0.1	
	TPH >C16-C21		mg kg^{-1}	M	18	7.0	14	< 0.1	< 0.1	
	TPH >C21-C35		mg kg^{-1}	M	85	24	82	16	22	
	Total Petroleum Hydrocarbons		mg kg^{-1}	U	110	34	100	16	22	
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	0.11	< 0.1	< 0.1	< 0.1
	Fluorene	86737	mg kg^{-1}	M	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Phenanthrene	85018	mg kg^{-1}	M	< 0.1	< 0.1	0.41	< 0.1	0.49	< 0.1
	Anthracene	120127	mg kg^{-1}	M	< 0.1	< 0.1	0.13	< 0.1	0.11	< 0.1
	Fluoranthene	206440	mg kg^{-1}	M	< 0.1	< 0.1	0.98	< 0.1	0.83	< 0.1
	Pyrene	129000	mg kg^{-1}	M	< 0.1	< 0.1	1.1	< 0.1	0.7	< 0.1
	Benzo[a]anthracene	56553	mg kg^{-1}	M	< 0.1	< 0.1	0.59	< 0.1	0.14	< 0.1
	Chrysene	218019	mg kg^{-1}	M	< 0.1	< 0.1	0.75	< 0.1	0.2	< 0.1
	Benzo[b]fluoranthene	205992	mg kg^{-1}	M	< 0.1	< 0.1	1.1	< 0.1	0.41	< 0.1
	Benzo[k]fluoranthene	207089	mg kg^{-1}	M	< 0.1	< 0.1	0.75	< 0.1	0.21	< 0.1
	Benzo[a]pyrene	50328	mg kg^{-1}	M	< 0.1	< 0.1	1.1	< 0.1	0.52	< 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	0.36	< 0.1	< 0.1	< 0.1
	Benzo[g,h,i]perylene	191242	mg kg^{-1}	M	< 0.1	< 0.1	0.29	< 0.1	< 0.1	< 0.1
	Total (of 16) PAHs		mg kg^{-1}	M	< 2	< 2	7.9	< 2	3.9	< 2

All tests undertaken between 18/11/2010 and 24/11/2010

* Accreditation status

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Listers Geotechnical Consultants
Slapton Hill Barn, Blakesley Road
Slapton, Towcester
Northamptonshire
NN12 8QD

FAO Sandy David

LABORATORY TEST REPORT

Results of analysis of 9 samples received 16 November 2010

1011009 - Hinkley

Chemtest
The right chemistry to deliver results

Report Date 24 November 2010

					121459		
					AF48738	AF48739	AF48740
					TP10	TP11	TP12
					15/11/2010	15/11/2010	15/11/2010
					1m	0.5m	0.5m
					SOIL	SOIL	SOIL
2675	Total Petroleum Hydrocarbons		mg kg-1	N			
2676	TPH >C5-C6		mg kg-1	U	< 0.1	< 0.1	< 0.1
	TPH >C6-C7		mg kg-1	U	< 0.1	< 0.1	< 0.1
	TPH >C7-C8		mg kg-1	M	< 0.1	< 0.1	< 0.1
	TPH >C8-C10		mg kg-1	M	12	< 0.1	< 0.1
	TPH >C10-C12		mg kg-1	M	15	< 0.1	< 0.1
	TPH >C12-C16		mg kg-1	M	32	< 0.1	< 0.1
	TPH >C16-C21		mg kg-1	M	1.2	< 0.1	< 0.1
	TPH >C21-C35		mg kg-1	M	< 0.1	< 0.1	< 0.1
	Total Petroleum Hydrocarbons		mg kg-1	U	60	< 10	< 10
2700	Naphthalene	91203	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Acenaphthylene	208968	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Acenaphthene	83329	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Fluorene	86737	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Phenanthrene	85018	mg kg-1	M	0.47	< 0.1	< 0.1
	Anthracene	120127	mg kg-1	M	0.15	< 0.1	< 0.1
	Fluoranthene	206440	mg kg-1	M	0.29	< 0.1	< 0.1
	Pyrene	129000	mg kg-1	M	0.36	< 0.1	< 0.1
	Benzo[a]anthracene	56553	mg kg-1	M	0.17	< 0.1	< 0.1
	Chrysene	218019	mg kg-1	M	0.19	< 0.1	< 0.1
	Benzo[b]fluoranthene	205992	mg kg-1	M	0.11	< 0.1	< 0.1
	Benzo[k]fluoranthene	207089	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Benzo[a]pyrene	50328	mg kg-1	M	0.25	< 0.1	< 0.1
	Dibenzo[a,h]anthracene	53703	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Benzo[g,h,i]perylene	191242	mg kg-1	M	< 0.1	< 0.1	< 0.1
	Total (of 16) PAHs		mg kg-1	M	2.1	< 2	< 2

* Accreditation status

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Appendix 'C'
Envirocheck Report

Envirocheck®

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
33056231_1_1

Customer Reference:
10.11.009

National Grid Reference:
441620, 296830

Slice:
A

Site Area (Ha):
0.4

Search Buffer (m):
1000

Site Details:

Westmoreland Farm
Rogues Lane
HINCKLEY
Leicestershire
LE10 3DX

Client Details:

Mr S David
Listers Geotechnical Consultants Ltd
Slapton Hill Barn
Blakesley Road
Slapton
Nr Towcester
Northants
NN12 8QD

Landmark® Information Group

Envirocheck®

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Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	4
Hazardous Substances	-
Geological	5
Industrial Land Use	6
Sensitive Land Use	7
Data Currency	8
Data Suppliers	13
Useful Contacts	14

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

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Summary

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				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					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1		Yes		
Pollution Incidents to Controlled Waters	pg 1				1
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2				(*3)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 2	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					
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					

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Summary

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

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Summary

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					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 7	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Mr Damien Watson Property Type: Domestic Property (Single) Location: Oak Tree Farm, Rogues Lane, Hinckley, Leicestershire, Le10 3ea Authority: Environment Agency, Midlands Region Catchment Area: River Sence Catchment Reference: T/20/36231/S Permit Version: 1 Effective Date: 21st February 2006 Issued Date: 21st February 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib River Tweed **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A8NW (S)	590	1	441508 296211
2	**Discharge Consents** Operator: R & A Morris Property Type: Sewage Disposal Works - Other Location: Brook Farm, Stoke Road, Stoke Golding, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: River Sence Catchment Reference: T/20/11440/S Permit Version: 1 Effective Date: 17th January 1989 Issued Date: 17th January 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Tweed River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A12SW (W)	852	1	440750 296610
3	**Discharge Consents** Operator: P Gosling Property Type: Not Given Location: New House, Dadlington Lane, STOKE CALDING, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/20/2118/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 13th September 1972 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Environment: Groundwater Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	968	1	440800 297400
	Nearest Surface Water Feature	A13NW (N)	192	-	441545 297052
4	**Pollution Incidents to Controlled Waters** Property Type: Beef Cattle Location: Stoke Golding, HINCKLEY Authority: Environment Agency, Midlands Region Pollutant: Organic Wastes: Cattle Manure (solid) Note: Polluted With Sewage Over Weekend; Wildlife Affected; Amenity Affected Incident Date: 28th May 1996 Incident Reference: 2700528 Catchment Area: Trent Catchment : River Sence Receiving Water: Watercourse Cause of Incident: Leaking Field Heap Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	711	1	440900 296600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J Adcock & Sons Licence Number: 03/28/20/0079 Permit Version: 100 Location: Hinckley Fields Farm, Hinckley - Well Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hinckley Fields Farm, Hinckley, Leics Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th August 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NW (S)	1248	1	442000 295600
	Water Abstractions Operator: J Adcock & Sons Licence Number: 03/28/20/0065 Permit Version: 100 Location: Sunnyside Farm, Hinckley - Well Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Sunnyside Farm, Hinckley, Leics Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th August 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SW (SE)	1461	1	442800 295900
	Water Abstractions Operator: Mr H Denson Licence Number: 03/28/20/0068 Permit Version: 100 Location: Lower Sunnyside Farm, Well Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lower Sunnyside Farm, Ashby Road, Hinckley, Leics Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5NW (SE)	1663	1	442800 295600
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers 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 23 Leicestershire Scale: 1:100,000	A13SE (W)	0	1	441619 296829
	Groundwater Vulnerability Geological Classification: Non Aquifer (Negligibly permeable) - Formations which are generally regarded as containing insignificant quantities of groundwater. However, groundwater flow through such rocks, although imperceptible, does take place and needs to be considered in assessing the risk associated with persistent pollutants Soil Classification: Not classified Map Sheet: Sheet 23 Leicestershire Scale: 1:100,000	A13NE (E)	0	1	441642 296838
	Drift Deposits None				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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
	Local Authority Landfill Coverage Name: Leicestershire County Council - Has supplied landfill data		0	5	441619 296829
	Local Authority Landfill Coverage Name: Hinckley And Bosworth Borough Council - Has no landfill data to supply		0	4	441619 296829

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	A13SE (W)	0	2	441619 296829
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	2	441619 296829
	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	A13SE (W)	0	2	441619 296829
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	2	441619 296829
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	104	2	441475 296829
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	161	2	441775 296700
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	2	441619 296829
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	3	2	441650 296850
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	104	2	441475 296829
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	112	2	441550 296700
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	2	441619 296829
	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	A13SE (W)	0	2	441619 296829

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Contemporary Trade Directory Entries** Name: Motor Spares Unlimited Location: Westmoreland Farm, Rogues Lane, Hinckley, Leicestershire, LE10 3DX Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	0	-	441601 296825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water - Designated 2006 Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13SE (W)	0	3	441619 296829

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Hinckley And Bosworth Borough Council - Environmental Health Department	April 2010	Annual Rolling Update
North Warwickshire Borough Council - Environmental Health Department	January 2010	Annual Rolling Update
Nuneaton And Bedworth Borough Council - Environmental Health Department	January 2010	Annual Rolling Update
Blaby District Council - Environmental Health Department	November 2009	Annual Rolling Update
Rugby Borough Council - Environmental Health Department	November 2009	Annual Rolling Update
Discharge Consents		
Environment Agency - Midlands Region	July 2010	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Midlands Region	August 2010	Quarterly
Integrated Pollution Controls		
Environment Agency - Midlands Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Midlands Region	July 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Nuneaton And Bedworth Borough Council - Environmental Health Department	April 2010	Annual Rolling Update
Hinckley And Bosworth Borough Council - Environmental Health Department	February 2010	Annual Rolling Update
Blaby District Council - Environmental Health Department	January 2010	Annual Rolling Update
North Warwickshire Borough Council - Environmental Health Department	March 2010	Annual Rolling Update
Rugby Borough Council - Environmental Health Department	November 2010	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Nuneaton And Bedworth Borough Council - Environmental Health Department	April 2010	Annual Rolling Update
Blaby District Council - Environmental Health Department	February 2010	Annual Rolling Update
Hinckley And Bosworth Borough Council - Environmental Health Department	February 2010	Annual Rolling Update
North Warwickshire Borough Council - Environmental Health Department	March 2010	Annual Rolling Update
Rugby Borough Council - Environmental Health Department	October 2009	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Hinckley And Bosworth Borough Council - Environmental Health Department	February 2010	Annual Rolling Update
Blaby District Council - Environmental Health Department	January 2010	Annual Rolling Update
North Warwickshire Borough Council - Environmental Health Department	March 2010	Annual Rolling Update
Nuneaton And Bedworth Borough Council - Environmental Health Department	March 2010	Annual Rolling Update
Rugby Borough Council - Environmental Health Department	November 2010	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	April 2010	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Midlands Region	October 2010	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - Midlands Region	October 2010	Monthly
Registered Radioactive Substances		
Environment Agency - Midlands Region	July 2010	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	January 2010	Annually

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register		
Environment Agency - Midlands Region - Central Area	July 2010	Quarterly
Environment Agency - Midlands Region - East Area	July 2010	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	July 2010	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2010	Quarterly
Environment Agency - Midlands Region - Upper Trent Area	July 2010	Quarterly
Water Abstractions		
Environment Agency - Midlands Region	July 2010	Quarterly
Water Industry Act Referrals		
Environment Agency - Midlands Region	January 2010	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones		
Environment Agency - Head Office	June 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2010	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2010	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	March 2010	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	March 2010	Quarterly
Flood Defences		
Environment Agency - Head Office	March 2010	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 - Midlands Region - Central Area	October 2010	Quarterly
Environment Agency - Midlands Region - East Area	October 2010	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	October 2010	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	October 2010	Quarterly
Environment Agency - Midlands Region - Upper Trent Area	October 2010	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Midlands Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Midlands Region - Central Area	July 2010	Quarterly
Environment Agency - Midlands Region - East Area	July 2010	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	July 2010	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2010	Quarterly
Environment Agency - Midlands Region - Upper Trent Area	July 2010	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Midlands Region - Central Area	July 2010	Quarterly
Environment Agency - Midlands Region - East Area	July 2010	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	July 2010	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2010	Quarterly
Environment Agency - Midlands Region - Upper Trent Area	July 2010	Quarterly
Local Authority Landfill Coverage		
Blaby District Council - Environmental Health Department	May 2000	Not Applicable
Hinckley And Bosworth Borough Council - Environmental Health Department	May 2000	Not Applicable
Leicestershire County Council	May 2000	Not Applicable
North Warwickshire Borough Council - Environmental Health Department	May 2000	Not Applicable
Nuneaton And Bedworth Borough Council - Planning Department	May 2000	Not Applicable
Rugby Borough Council - Environmental Health Department	May 2000	Not Applicable
Warwickshire County Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Blaby District Council - Environmental Health Department	May 2000	Not Applicable
Hinckley And Bosworth Borough Council - Environmental Health Department	May 2000	Not Applicable
Leicestershire County Council	May 2000	Not Applicable
North Warwickshire Borough Council - Environmental Health Department	May 2000	Not Applicable
Nuneaton And Bedworth Borough Council - Planning Department	May 2000	Not Applicable
Rugby Borough Council - Environmental Health Department	May 2000	Not Applicable
Warwickshire County Council	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Environment Agency - Midlands Region - Upper Trent Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Environment Agency - Midlands Region - Upper Trent Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Environment Agency - Midlands Region - Upper Trent Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites		
Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Leicestershire County Council	August 2010	Annual Rolling Update
Hinckley And Bosworth Borough Council	February 2010	Annual Rolling Update
Warwickshire County Council	July 2007	Annual Rolling Update
Blaby District Council - Planning Department	March 2010	Annual Rolling Update
North Warwickshire Borough Council - Planning Administration	March 2010	Annual Rolling Update
Nuneaton And Bedworth Borough Council - Planning Department	November 2010	Annual Rolling Update
Rugby Borough Council	September 2010	Annual Rolling Update
Planning Hazardous Substance Consents		
Leicestershire County Council	August 2010	Annual Rolling Update
Hinckley And Bosworth Borough Council	February 2010	Annual Rolling Update
Warwickshire County Council	July 2007	Annual Rolling Update
Blaby District Council - Planning Department	March 2010	Annual Rolling Update
North Warwickshire Borough Council - Planning Administration	March 2010	Annual Rolling Update
Nuneaton And Bedworth Borough Council - Planning Department	November 2009	Annual Rolling Update
Rugby Borough Council	September 2010	Annual Rolling Update

Geological	Version	Update Cycle
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	October 2010	Bi-Annually
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2006	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 2009	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2010	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	May 2007	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	August 2010	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian Catalist	April 2010	Quarterly
Sensitive Land Use	**Version**	**Update Cycle**
Areas of Adopted Green Belt		
North Warwickshire Borough Council - Planning Administration	March 2010	As notified
Nuneaton And Bedworth Borough Council - Planning Department	March 2010	As notified
Rugby Borough Council	March 2010	As notified
Areas of Unadopted Green Belt		
North Warwickshire Borough Council - Planning Administration	March 2010	As notified
Nuneaton And Bedworth Borough Council - Planning Department	March 2010	As notified
Rugby Borough Council	March 2010	As notified
Areas of Outstanding Natural Beauty		
Natural England	July 2010	Bi-Annually
Environmentally Sensitive Areas		
Natural England	July 2010	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	October 2010	Bi-Annually
Marine Nature Reserves		
Natural England	September 2010	Bi-Annually
National Nature Reserves		
Natural England	October 2010	Bi-Annually
National Parks		
Natural England	August 2010	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2009	Annually
Ramsar Sites		
Natural England	August 2010	Bi-Annually
Sites of Special Scientific Interest		
Natural England	August 2010	Bi-Annually
Special Areas of Conservation		
Natural England	October 2010	Bi-Annually
Special Protection Areas		
Natural England	August 2010	Bi-Annually

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Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey® Licensed Partner
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE
Natural England	NATURAL ENGLAND
Health Protection Agency	Health Protection Agency
Ove Arup	ARUP
Peter Brett Associates	pba

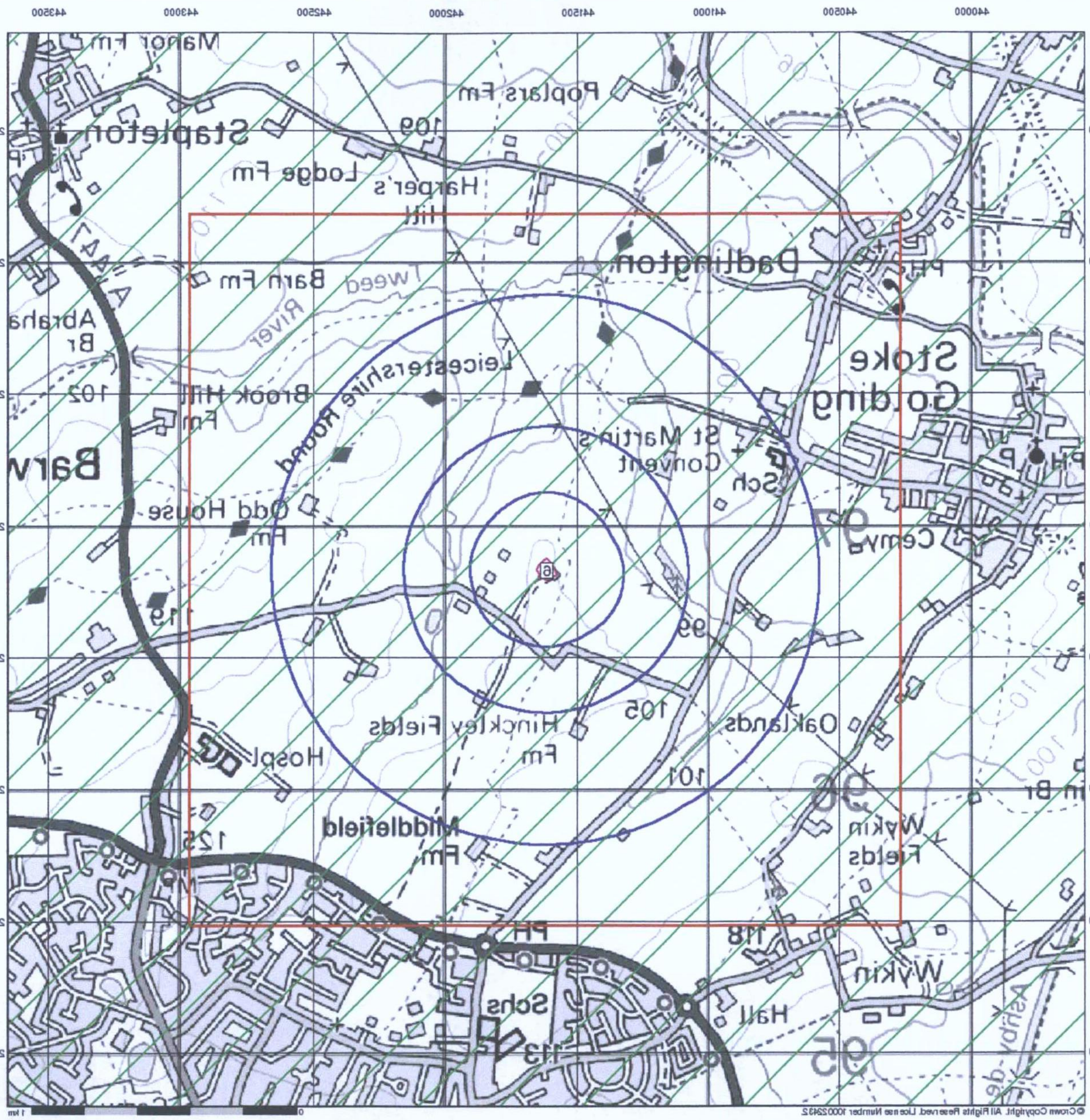
Useful Contacts

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	**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
3	**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
4	**Hinckley And Bosworth Borough Council - Environmental Health Department** First Floor, Florence House, St Marys Road, Hinckley, Leicestershire, LE10 1EQ	Telephone: 01455 238141 Fax: 01455 890228 Website: www.hinckleyandbosworthonline.org.uk
5	**Leicestershire County Council** County Hall, Glenfield, Leicestershire, LE3 8RH	Website: www.leics.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.

Groundwater Vulnerability
General
Geological Boundary
Geological fault(s)
Geological Boundary (Inferred)
Map ID
Site
Aquifer and Hydrological
Soil Classes
Geological Classes
High (H) / L (I)
Intermediate (I) / L (I)
Low
High (H) / U (E, I)
Intermediate (I) / U (E, I)
Low
Major Aquifer (High Permeability)
Minor Aquifer (Variable Permeability)
Non Aquifer (Negligible Permeability)
Water or Sea
Drift Deposit
Site Sensitivity Context Map - Slice A
N
Order Details
Order Number: 36382637_1_1
Customer Ref: 1711030_296830
National Grid Reference: 443100, 296830
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000
Site Details
Westmoreland Farm, Poppies Lane, HUNCOTE, LE13 0TJ
XDG 0TJ
Page 1 of 3
08-Nov-2010
Version: V4.0
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0800 144 960
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ENVIROCHECK
Source Protection Zones
Legend
Site
Search Buffer (m)
Map ID
Boreholes
Surface Water Features
Agency Hydrological
Source Protection Zone I
Source Protection Zone II
Source Protection Zone III
Zone of Special Interest
Source Protection Zone Boundary
Site Sensitivity Context Map - Slice A
Order Details
Order Number: 36362537_1_1
Customer Ref.: 10111.000
National Grid Reference: 443820, 369830
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000
Site Details
Westmoreland Farm, Roppas Lane Hilmarton, CALNE, Wiltshire, SN11 0LE
Landmark Information Group Service v7.0 08-Nov-2010
Page 5 of 5
Landmark
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Sensitive Land Uses

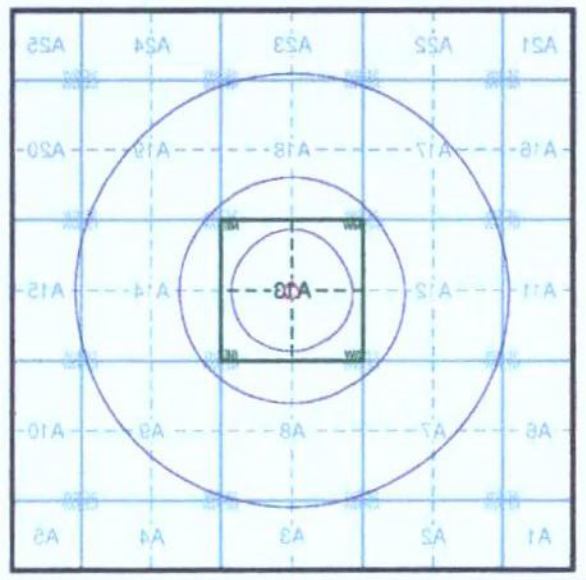
General

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

Order Number:	33056231_1_1
Customer Ref:	10.11.009
National Grid Reference:	441620, 296830
Slice:	A
Site Area (Ha):	0.4
Search Buffer (m):	1000

Site Details

Westmoreland Farm, Rogues Lane, HINCKLEY, Leicestershire, LE10 3DX

Landmark Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk