-112088.xls	BS 1377 : Part 7 : 1990 Clause 8 Quick Undrained Triaxial Compression Test								
2 09.00 U4 U - 22271	BH/TP No Sample Ref Depth (m) Sample Type	BH2 U4 9.00 U	St	escription: iff dark grey bro	wn CLAY				
1731 - UUTXL BH	Specimen Detail Specimen conditie Length Diameter Moisture Content Bulk Density Test Details Latex membrane Membrane correct Axial displacement Cell pressure Strain at failure Maximum Deviato Shear Stress Cu	s ons thickness tion nt rate or Stress	(mm) (%) (Mg/m ³) (Mg/m ³) (Mg/m ³) (mm) (kPa) (%/min) (kPa) (kPa) (kPa)	Undisturbed 200.8 102.4 28 2.00 1.56 0.3 0.4 2.0 180 6.0 242 121 Drientation of the Distance from to	e sample p of tube mm	Vertical 80			
il.:Version 1.43 - 25/02/2015	Checked and Approved by: 5 Budde Senior Technician	Project Number: Project Name: 41 FR	GE OGNAL, HI	O / 22271 EMPSTEAD	, NW3 6YD				
GL:V	Senior Technician 11/03/2015		Watford Hertford	115019			U		

Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX Test Report By GEOLABS Limited Client : Geotechnical & Environmental Associates Limited, Widbury Barn, Widbury Hill, Ware, Hertfordshire

1-112087.xls	BS 1377 : Part 7 : 1990 Clause 8 Quick Undrained Triaxial Compression Test									
12 12.00 U5 U - 2227	BH/TP No Sample Ref Depth (m) Sample Type	(
2015 1731 - UUTXL BI	Specimen Details Specimen condition Length Diameter Moisture Content Bulk Density Dry Density Test Details Latex membrane th Membrane correction Axial displacement Cell pressure Strain at failure Maximum Deviator Shear Stress Cu	IS (I)	(mm) (mm) (%) Mg/m ³) (mm) (kPa) (kPa) (kPa)	Undisturbed 201.1 102.3 28 2.00 1.57 0.3 0.3 2.0 240 3.7 290 145 Orientation of the Distance from to	e sample p of tube mm	Vertical 10				
GL:Version 1.43 - 25/02	Checked and Approved by: 5 Bucker P Senior Technician 11/03/2015 Test Report By GEOLABS Limited Client : Geotechnical & Environment Acc	roject Number: roject Name: 41 FROGNA Bucknalls Lane, Garston, Watford,	GE AL, H Hertford	EO / 22271 EMPSTEAD J15019 dishire, WD25 9XX	, NW3 6YD		GEOLABS			

1 (Ref 38474.506 4)

BH/TP No BH2 Sample Ref U6 Depth (m) 15.80 Sample Type U Specimen Details	Quick Undrained Triaxial Compression Test						
Sample Ref U6 Depth (m) 15.80 Sample Type U Specimen Details	BH/TP No	BH2	ור	Description:			
Depth (m) 15.80 Sample Type U Specimen Details	Sample Ref	ef U6		Stiff dork grov brown CLAY			
Sample Type U Specimen Details	Depth (m)	15.80		Suil dark grey brown CLAT			
Specimen Details	Sample Type	vpe U					
Specimen conditions Undisturbed Length (mm) 200.9 Diameter (mm) 102.4 Moisture Content (%) 28 Bulk Density (Mg/m) 2.00 Dry Density (Mg/m) 1.57 Test Details	Sample Ref Depth (m) Sample Type	ef U6 15.80 rpe U ecimen Details cimen conditions gth (n meter (r sture Content (S S S S S S S S S S S S S S S S S S S	Stiff dark grey brown CLAY	/ertical 70		
Checked and Approved by: Source Service Technician 11/03/2015 Test Report Number: GEO / 22271 Project Number: GEO / 22271 Project Number: GEO / 22271 Project Number: 11 FROGNAL, HEMPSTEAD, NW3 6YD J15019 Test Report Number: Project	Checked and Approved by: 5 Budde Senior Technician 11/03/2015 Test Report By, GEOLABS Limite	Approved by: Approved by: Project Number: Project Name: 41 FROGNA GEOLABS Limited Bucknalls Lane Garston Watford L	GI L, ⊦	EO / 22271 HEMPSTEAD, NW3 6YD J15019 rdshire. WD25 9XX	G	EOLABS UKAS UKAS TESTING 1982 Page 1 of 1	

BS 1377 : Part 7 : 1990 Clause 8

1731 - UUTXL BH2 15.80 U6 U - 22271-112090.xls

GL:Version 1.43 - 25/02/2015

Quick Undrained Triaxial Compression Test Description: BH/TP No BH2 Sample Ref U7 Stiff fissured dark brownish grey CLAY with rare pyrite nodules Depth (m) 18.00 Sample Type U **Specimen Details** Specimen conditions Undisturbed Length 201.6 (mm) 103.5 Diameter (mm) Moisture Content (%) 28 Bulk Density 1.92 (Mg/m³) Dry Density (Mg/m³) 1.49 **Test Details** Latex membrane thickness 0.3 (mm) Membrane correction (kPa) 0.2 Axial displacement rate (%/min) 2.0 (kPa) 360 Cell pressure Strain at failure 2.2 (%) Maximum Deviator Stress (kPa) 187 Shear Stress Cu (kPa) 94 Mode of failure Orientation of the sample Vertical Distance from top of tube mm 20 GL:Version 1.43 - 25/02/2015 GEOLABS Checked and Approved by: Project Number: GEO / 22271 Project Name: 41 FROGNAL, HEMPSTEAD, NW3 6YD Senior Technician J15019 11/03/2015

Test Report By GEOLABS Limited Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX Client : Geotechnical & Environmental Associates Limited, Widbury Barn, Widbury Hill, Ware, Hertfordshire

BS 1377 : Part 7 : 1990 Clause 8







Report Number:	15-04604 Issue-1		
Initial Date of Issue:	04-Mar-2015		
Client:	GEA		
Client Address:	Widbury Barn Widbury Hill Ware Hertfordshire SG12 7QE		
Contact(s):	Kirstie Broadbent		
Project:	J15019 - 41 Frognal, Hempstead, NW3 6YD		
Quotation No.:		Date Received:	02-Mar-2015
Order No.:		Date Instructed:	02-Mar-2015
No. of Samples:	3		
Turnaround: (Wkdays)	3	Results Due Date:	04-Mar-2015
Date Approved:	04-Mar-2015		
Approved By:			
Ah.			
Details:	Robert Monk, Technical Development Chemist		

Client: GEA		Chen	ntest Jo	b No.:	15-04604	15-04604	15-04604
Quotation No.:	Chemtest Sample ID.:				109078	109079	109080
Order No.:		Clien	t Sample	e Ref.:			
		Clier	nt Samp	le ID.:	BH01	BH01	BH02
			Sample	Type:	SOIL	SOIL	SOIL
		٦	op Dep	th (m):	0.4	0.8	0.3
		Bot	tom Dep	oth(m):			
		[Date Sar	mpled:	25-Feb-15	25-Feb-15	25-Feb-15
Determinand	Accred.	SOP	Units	LOD			
Moisture	N	2030	%	0.02	17	17	19
Stones	Ν	2030	%	0.02	< 0.020	< 0.020	< 0.020
Soil Colour	N				brown	brown	brown
Other Material	N				stones	stones	stones
Soil Texture	Ν				clay	clay	clay
рН	М	2010			7.6	6.2	6.0
Sulphate (2:1 Water Soluble) as SO4	М	2120	g/l	0.01	0.16	0.26	< 0.010
Chloride (Extractable)	М	2220	g/l	0.01	0.014	0.017	< 0.010
Cyanide (Total)	М	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)	М	2325	mg/kg	0.5	1.4	1.7	1.5
Sulphate (Total)	М	M 2430 mg/kg 100				690	570
Arsenic	М	M 2450 mg/kg 1		24	7.8	30	
Cadmium	М	2450	mg/kg	0.1	< 0.10	< 0.10	0.25
Chromium	М	2450	mg/kg	1	78	49	51
Copper	Μ	2450	mg/kg	0.5	21	12	52
Mercury	М	2450	mg/kg	0.1	< 0.10	< 0.10	1.2
Nickel	М	2450	mg/kg	0.5	25	18	33
Lead	М	2450	mg/kg	0.5	23	17	390
Selenium	М	2450	mg/kg	0.2	0.68	< 0.20	0.34
Zinc	М	2450	mg/kg	0.5	65	43	140
Total Organic Carbon	М	2625	%	0.2	0.46	0.29	2.6
TPH >C5-C6	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
TPH >C6-C7	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
TPH >C7-C8	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
TPH >C8-C10	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
TPH >C10-C12	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
TPH >C12-C16	Ν	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
TPH >C16-C21	Ν	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
TPH >C21-C35	Ν	2670	mg/kg	1	< 1.0	< 1.0	< 1.0
Total TPH >C5-C35	Ν	2670	mg/kg	10	< 10	< 10	< 10
Naphthalene	М	2700	mg/kg	0.1	1.1	2.4	1.7
Acenaphthylene	М	2700	mg/kg	0.1	0.35	0.47	0.23
Acenaphthene	М	M 2700 mg/kg 0.1			1.9	3.4	1.8

Client: GEA		Chem	ntest Jo	b No.:	15-04604	15-04604	15-04604
Quotation No.:	C	hemtes	st Samp	le ID.:	109078	109079	109080
Order No.:		Clien	t Sample	e Ref.:			
		Clier	nt Samp	le ID.:	BH01	BH01	BH02
			Sample	Type:	SOIL	SOIL	SOIL
		Т	op Dep	th (m):	0.4	0.8	0.3
		Bot	tom Dep	oth(m):			
		[Date Sar	mpled:	25-Feb-15	25-Feb-15	25-Feb-15
Determinand	Accred.	SOP	Units	LOD			
Fluorene	М	2700	mg/kg	0.1	0.35	0.91	0.47
Phenanthrene	М	2700	mg/kg	0.1	0.21	0.51	0.62
Anthracene	М	2700	mg/kg	0.1	< 0.10	< 0.10	0.10
Fluoranthene	М	2700	mg/kg	0.1	0.33	0.75	1.1
Pyrene	М	2700	mg/kg	0.1	0.32	0.71	1.1
Benzo[a]anthracene	М	2700	mg/kg	0.1	< 0.10	0.34	0.60
Chrysene	М	2700	mg/kg	0.1	< 0.10	1.7	1.3
Benzo[b]fluoranthene	М	2700	mg/kg	0.1	< 0.10	0.61	0.92
Benzo[k]fluoranthene	М	2700	mg/kg	0.1	< 0.10	1.5	0.84
Benzo[a]pyrene	М	2700	mg/kg	0.1	< 0.10	0.29	0.56
Indeno(1,2,3-c,d)Pyrene	М	2700	mg/kg	0.1	< 0.10	0.27	0.53
Dibenz(a,h)Anthracene	М	2700	mg/kg	0.1	< 0.10	0.29	0.41
Benzo[g,h,i]perylene	М	2700	mg/kg	0.1	< 0.10	0.29	0.64
Total Of 16 PAH's	М	2700	mg/kg	2	4.6	14	13
Total Phenols	М	2920	mg/kg	0.3	< 0.30	< 0.30	< 0.30



Report Information

Key

- U UKAS accredited
- M MCERTS and UKAS accredited
- N Unaccredited
- S This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
- SN This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation The results relate only to the items tested Uncertainty of measurement for the determinands tested are available upon request None of the results in this report have been recovery corrected All results are expressed on a dry weight basis The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVCOs, PCBs, Phenols For all other tests the samples were dried at < 37°C prior to analysis All Asbestos testing is performed at our Coventry laboratory Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A Date of sampling not supplied
- B Sample age exceeds stability time (sampling to extraction)
- C Sample not received in appropriate containers
- D Broken Container

Sample Retention and Disposal

All soil samples will be retained for a period of 60 days from the date of receipt All water samples will be retained for 14 days from the date of receipt Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to: customerservices@chemtest.co.uk





Chemtest Ltd. Depot Road Newmarket CB8 0AL Tel: 01638 606070 Email: info@chemtest.co.uk

Report Number:	15-02060 Issue-1		
Initial Date of Issue:	04-Feb-2015		
Client:	GEA		
Client Address:	Tyttenhanger House Coursers Road Saint Albans Hertfordshire AL4 0PG		
Contact(s):	Kirstie Broadbent Matt Legg		
Project:	J15019 - 41 Frognal, Hempstead, NW3 6YD		
Quotation No.:		Date Received:	30-Jan-2015
Order No.:		Date Instructed:	02-Feb-2015
No. of Samples:	1		
Turnaround: (Wkdays)	3	Results Due Date:	04-Feb-2015
Date Approved:	04-Feb-2015		
Approved By:			
(CT) fres			

Details:

Keith Jones, Technical Manager



Client: GEA		Chemtest Job No.:					
Quotation No.:	C	Chemtest Sample ID.:					
Order No.:		Clien	t Sample	e Ref.:			
		Clier	nt Samp	le ID.:	BH03		
			Sample	Type:	SOIL		
		Т	op Dep	th (m):	0.3		
		Bot	tom Dep	oth(m):			
		[Date Sar	mpled:	28-Jan-15		
Determinand	Accred.	SOP	Units	LOD			
Moisture	Ν	2030	%	0.02	18		
Stones	N	2030	%	0.02	< 0.020		
Soil Colour	Ν				Brown		
Other Material	Ν				Stones		
Soil Texture	Ν				Clay		
рН	М	2010			7.3		
Sulphate (2:1 Water Soluble) as SO4	М	2120	g/l	0.01	0.013		
Chloride (Extractable)	U	2220	g/l	0.01	< 0.010		
Cyanide (Total)	М	2300	mg/kg	0.5	< 0.50		
Sulphide (Easily Liberatable)	М	2325	mg/kg	0.5	1.4		
Sulphate (Total)	М	2430	mg/kg	100	580		
Arsenic	М	2450	mg/kg	1	14		
Cadmium	М	2450	mg/kg	0.1	0.19		
Chromium	М	2450	mg/kg	1	51		
Copper	М	2450	mg/kg	0.5	35		
Mercury	М	2450	mg/kg	0.1	0.28		
Nickel	М	2450	mg/kg	0.5	39		
Lead	М	2450	mg/kg	0.5	120		
Selenium	М	2450	mg/kg	0.2	< 0.20		
Zinc	М	2450	mg/kg	0.5	100		
Total Organic Carbon	М	2625	%	0.2	1.3		
TPH >C5-C6	Ν	2670	mg/kg	1	< 1.0		
TPH >C6-C7	Ν	2670	mg/kg	1	< 1.0		
TPH >C7-C8	N	2670	mg/kg	1	< 1.0		
TPH >C8-C10	N	2670	mg/kg	1	< 1.0		
TPH >C10-C12	Ν	2670	mg/kg	1	< 1.0		
TPH >C12-C16	N	2670	mg/kg	1	< 1.0		
TPH >C16-C21	Ν	2670	mg/kg	1	< 1.0		
TPH >C21-C35	Ν	2670	mg/kg	1	< 1.0		
Total TPH >C5-C35	Ν	2670	mg/kg	10	< 10		
Naphthalene	М	2700	mg/kg	0.1	< 0.10		
Acenaphthylene	Μ	2700	mg/kg	0.1	< 0.10		
Acenaphthene	М	2700	mg/kg	0.1	< 0.10		



Client: GEA		Cherr	ntest Jo	b No.:	15-02060		
Quotation No.:	C	Chemtest Sample ID.:					
Order No.:		Clien	t Sample	e Ref.:			
		Clier	nt Samp	le ID.:	BH03		
			Sample	Type:	SOIL		
		Т	op Dept	th (m):	0.3		
		Bot	tom Dep	oth(m):			
		[Date Sar	mpled:	28-Jan-15		
Determinand	Accred.	SOP	Units	LOD			
Fluorene	М	2700	mg/kg	0.1	< 0.10		
Phenanthrene	М	2700	mg/kg	0.1	0.17		
Anthracene	М	2700	mg/kg	0.1	< 0.10		
Fluoranthene	М	2700	mg/kg	0.1	0.38		
Pyrene	М	2700	mg/kg	0.1	0.37		
Benzo[a]anthracene	М	2700	mg/kg	0.1	< 0.10		
Chrysene	М	2700	mg/kg	0.1	< 0.10		
Benzo[b]fluoranthene	М	2700	mg/kg	0.1	< 0.10		
Benzo[k]fluoranthene	М	2700	mg/kg	0.1	< 0.10		
Benzo[a]pyrene	М	2700	mg/kg	0.1	< 0.10		
Indeno(1,2,3-c,d)Pyrene	М	2700	mg/kg	0.1	< 0.10		
Dibenz(a,h)Anthracene	М	2700	mg/kg	0.1	< 0.10		
Benzo[g,h,i]perylene	М	2700	mg/kg	0.1	< 0.10		
Total Of 16 PAH's	М	2700	mg/kg	2	< 2.0		
Total Phenols	М	2920	mg/kg	0.3	< 0.30		



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Job Number

J15019

Sheet 1 / 1

Site

41 Frognal, Hampstead, NW3 6YD

Client

Engineer

BTP Group

Elliott Wood

Proposed End Use Residential with plant uptake

Soil pH 7

Soil Organic Matter content % 2.5

Contaminant	Screening Value mg/kg	Data Source	Contaminant	Screening Value mg/kg	Data Source			
	Metals		Anions					
Arsenic	37	C4SL	Soluble Sulphate	0.5 g/l	Structures			
Cadmium	26	C4SL	Sulphide	50	Structures			
Chromium (III)	3000	LQM/CIEH	Chloride	400	Structures			
Chromium (VI)	21	C4SL	C	Others				
Copper	2,330	LQM/CIEH	Organic Carbon (%)	6	Methanogenic potential			
Lead	200	C4SL	Total Cyanide	140	WRAS			
Elemental Mercury	1	SGV	Total Mono Phenols	290	SGV			
Inorganic Mercury	170	SGV		PAH				
Nickel	130	LQM/CIEH	Naphthalene	5.30	Rev. LQM/CIEH			
Selenium	350	SGV	Acenaphthylene	400	LQM/CIEH			
Zinc	3,750	LQM/CIEH	Acenaphthene	480	LQM/CIEH			
Нус	drocarbons		Fluorene	380	LQM/CIEH			
Benzene	0.34	C4SL	Phenanthrene	200	LQM/CIEH			
Toluene	320	SGV	Anthracene	4,900	LQM/CIEH			
Ethyl Benzene	180	SGV	Fluoranthene	460	LQM/CIEH			
Xylene	120	SGV	Pyrene	1,000	LQM/CIEH			
Aliphatic C5-C6	55	LQM/CIEH	Benzo(a) Anthracene	6.7	Rev. LQM/CIEH			
Aliphatic C6-C8	160	LQM/CIEH	Chrysene	11	Rev. LQM/CIEH			
Aliphatic C8-C10	46	LQM/CIEH	Benzo(b) Fluoranthene	9.5	Rev. LQM/CIEH			
Aliphatic C10-C12	230	LQM/CIEH	Benzo(k) Fluoranthene	14.1	Rev. LQM/CIEH			
Aliphatic C12-C16	1700	LQM/CIEH	Benzo(a) pyrene	4.40	C4SL			
Aliphatic C16-C35	64,000	LQM/CIEH	Indeno(1 2 3 cd) Pyrene	5.6	Rev. LQM/CIEH			
Aromatic C6-C7	See Benzene	LQM/CIEH	Dibenzo(a h) Anthracene	1.27	Rev. LQM/CIEH			
Aromatic C7-C8	See Toluene	LQM/CIEH	Benzo (g h i) Perylene	69	Rev. LQM/CIEH			
Aromatic C8-C10	65	LQM/CIEH	Screening value for PAH	62.9	B(a)P / 0.15			
Aromatic C10-C12	160	LQM/CIEH	Chlorina	ted Solven	ts			
Aromatic C12-C16	310	LQM/CIEH	1,1,1 trichloroethane (TCA)	12.9	LQM/CIEH			
Aromatic C16-C21	480	LQM/CIEH	tetrachloroethane (PCA)	2.1	LQM/CIEH			
Aromatic C21-C35	1100	LQM/CIEH	tetrachloroethene (PCE)	2.1	LQM/CIEH			
PRO (C ₅ –C ₁₀)	646	Calc	trichloroethene (TCE)	0.22	LQM/CIEH			
DRO (C ₁₂ –C ₂₈)	66,490	Calc	1,2-dichloroethane (DCA)	0.008	LQM/CIEH			
Lube Oil (C ₂₈ –C ₄₄)	65,100	Calc	vinyl chloride (Chloroethene)	0.00064	LQM/CIEH			
ТРН	1000	Trigger for speciated	tetrachloromethane (Carbon tetra	0.039	LQM/CIEH			
		testing	trichloromethane (Chloroform)	1.3	LQM/CIEH			

Notes

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

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

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

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

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

Rev LQM/CIEH calculated using C4SL revisions to exposure assessment but LQM/CIEH health croiteria values

Calc - sum of nearest available carbon range specified including BTEX for PRO fraction

B(a)P / 0.15 - GEA experince indicates that Benzo(a) pyrene (one of the most common and most carcenogenic of the PAHs) rarely exceeds 15% of the total PAH concentration, hence this Total PAH threshold is regarded as being conservative



Envirocheck® Report:

Datasheet

Order Details:

Order Number: 63607179_1_1

Customer Reference: J15019

National Grid Reference: 526130, 185360

Slice: A

Site Area (Ha): 0.33

Search Buffer (m): 1000

Site Details:

41 Frognal LONDON NW3 6YD

Client Details:

Mr S Branch GEA Ltd Tyttenhanger House Coursers Road St Albans Herts AL4 0PG





Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	-
Geological	8
Industrial Land Use	15
Sensitive Land Use	-
Data Currency	32
Data Suppliers	38
Useful Contacts	39

Introduction

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

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

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Summary

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Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				2
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1			3	12
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature					
Pollution Incidents to Controlled Waters					
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 3				(*4)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 4	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 4				1
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage					n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 6				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	pg 6				3
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 8	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 8	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry	pg 10		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 13	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 13	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 14	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