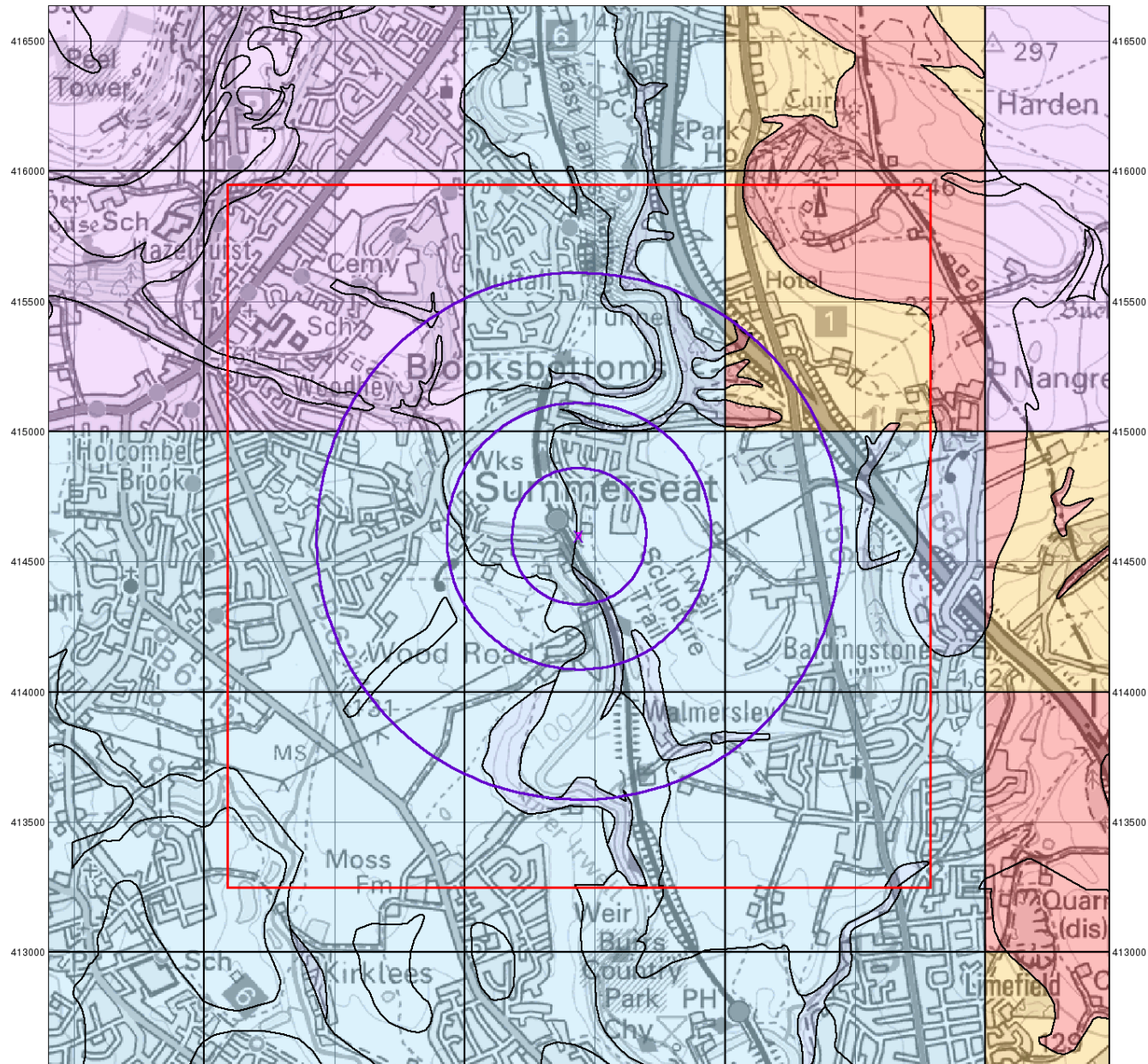


Appendix B – Envirocheck Report

377500 378000 378500 379000 379500 380000 380500 381000



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0 1 km



GROUP

Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

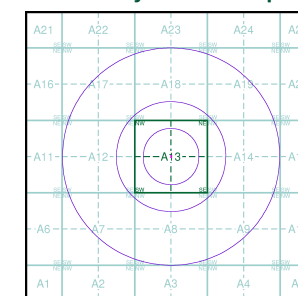
Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 352290203_1_1
Customer Ref: LKC 24 1324
National Grid Reference: 379440, 414600
Slice: A
Site Area (Ha): 0.04
Search Buffer (m): 1000

Site Details

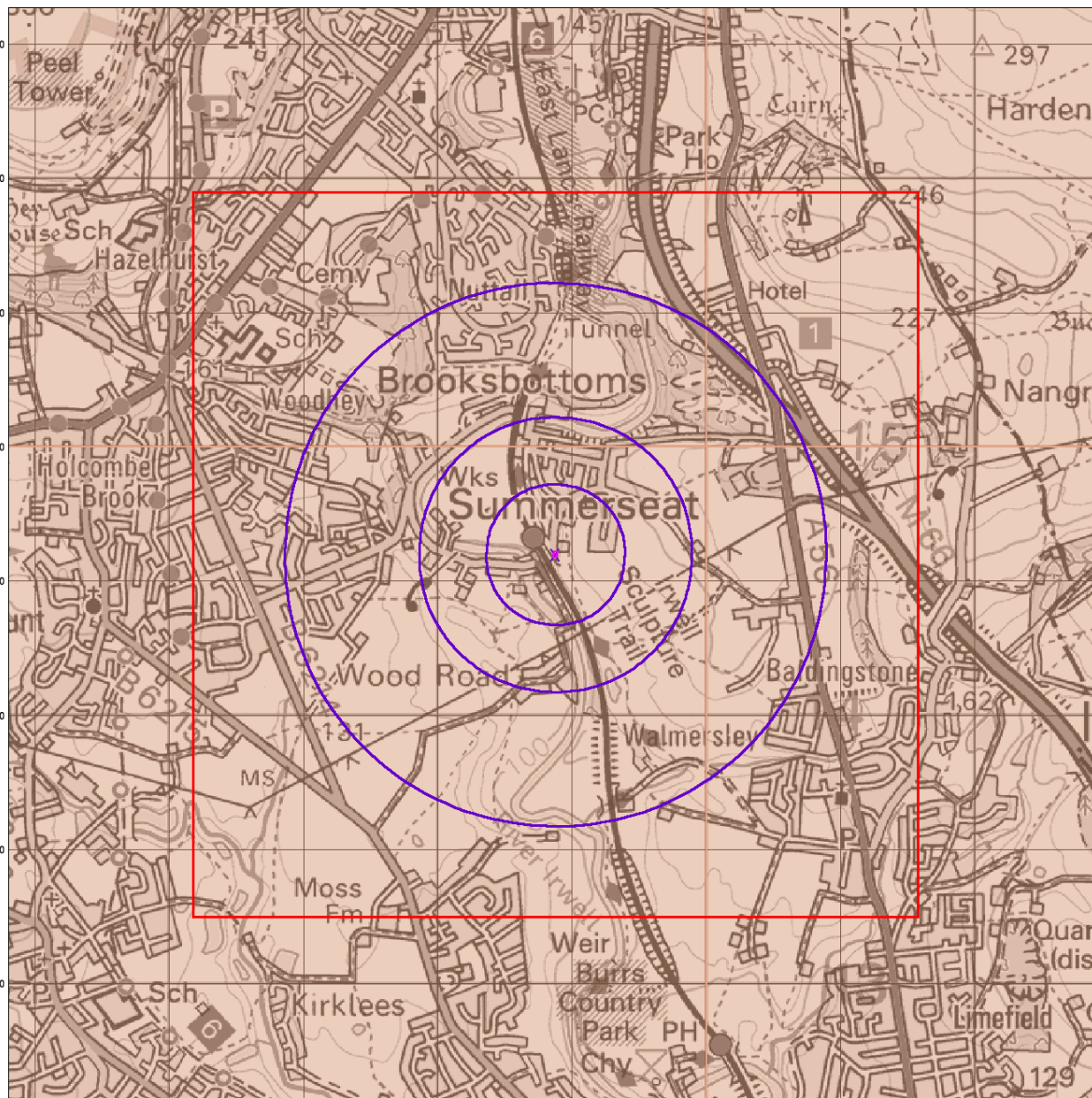
The Engine Shed, Rowlands Road, RAMSBOTTOM, BL9 5QY

Landmark
INFORMATION GROUP

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

377500 378000 378500 379000 379500 380000 380500 381000

416500
416000
415500
415000
414500
414000
413500
413000



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0 1 km



GROUP

Bedrock Aquifer Designation

General

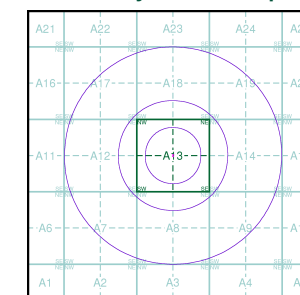
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

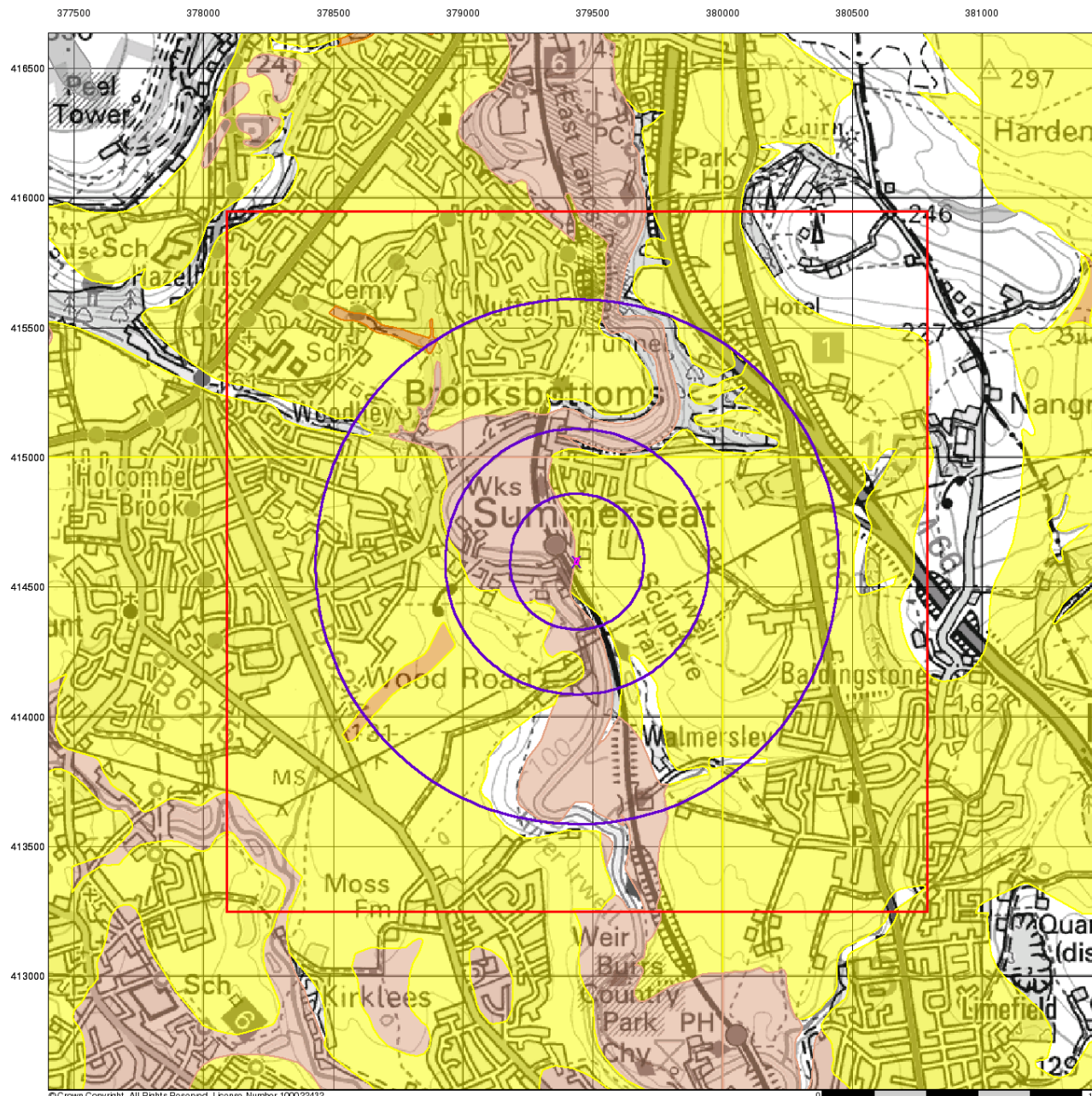
Order Number: 352290203_1_1
Customer Ref: LKC 24 1324
National Grid Reference: 379440, 414600
Slice: A
Site Area (Ha): 0.04
Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

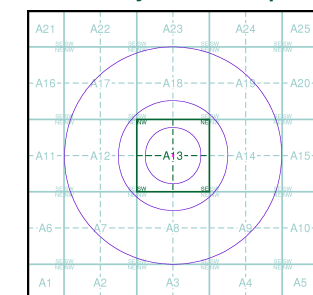
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

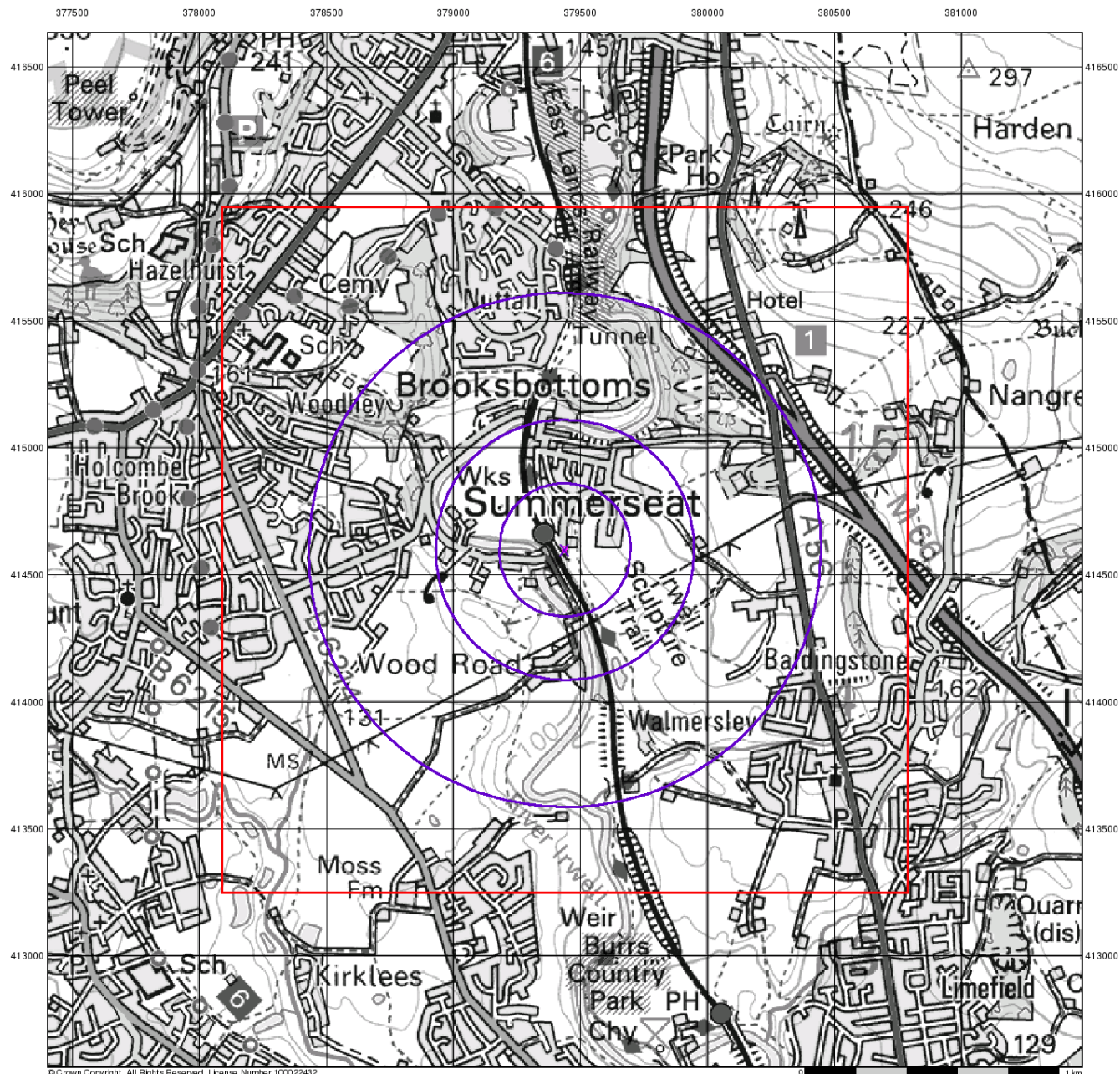
Order Number: 352290203_1_1
 Customer Ref: LKC 24 1324
 National Grid Reference: 379440, 414600
 Slice: A
 Site Area (Ha): 0.04
 Search Buffer (m): 1000

Site Details

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GROUP

Source Protection Zones

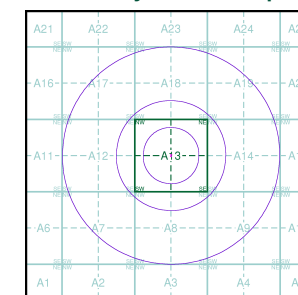
General

- ◊ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice B Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- ▨ Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- ▨ Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- ▨ Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 352290203_1_1
 Customer Ref: LKC 24 1324
 National Grid Reference: 379440, 414600
 Slice: A
 Site Area (Ha): 0.04
 Search Buffer (m): 1000

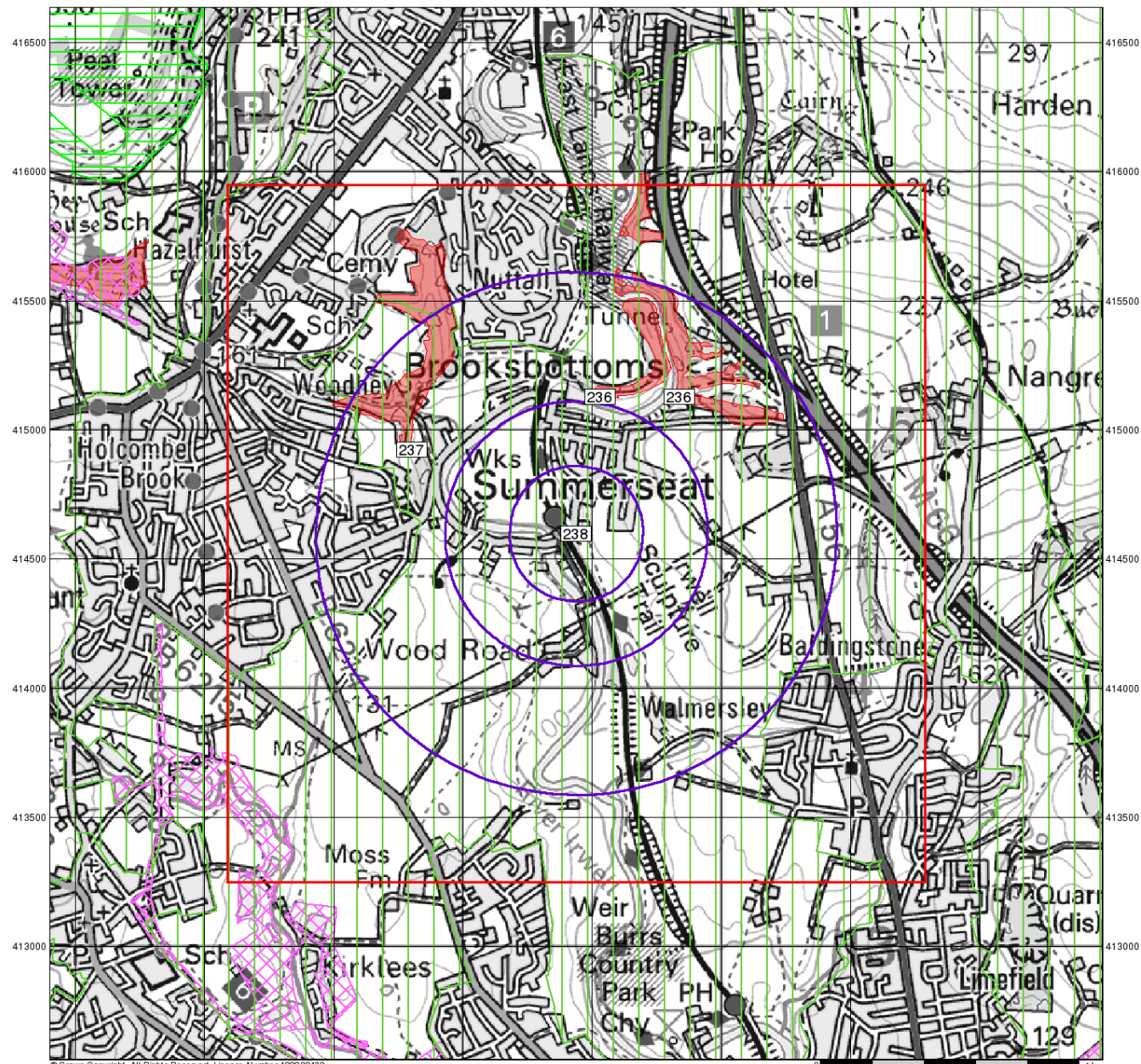
Site Details

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GROUP

Sensitive Land Uses

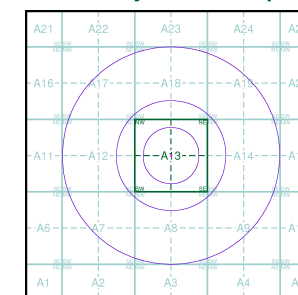
General

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

Sensitive Land Uses

- Ancient Woodland
- 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
- World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

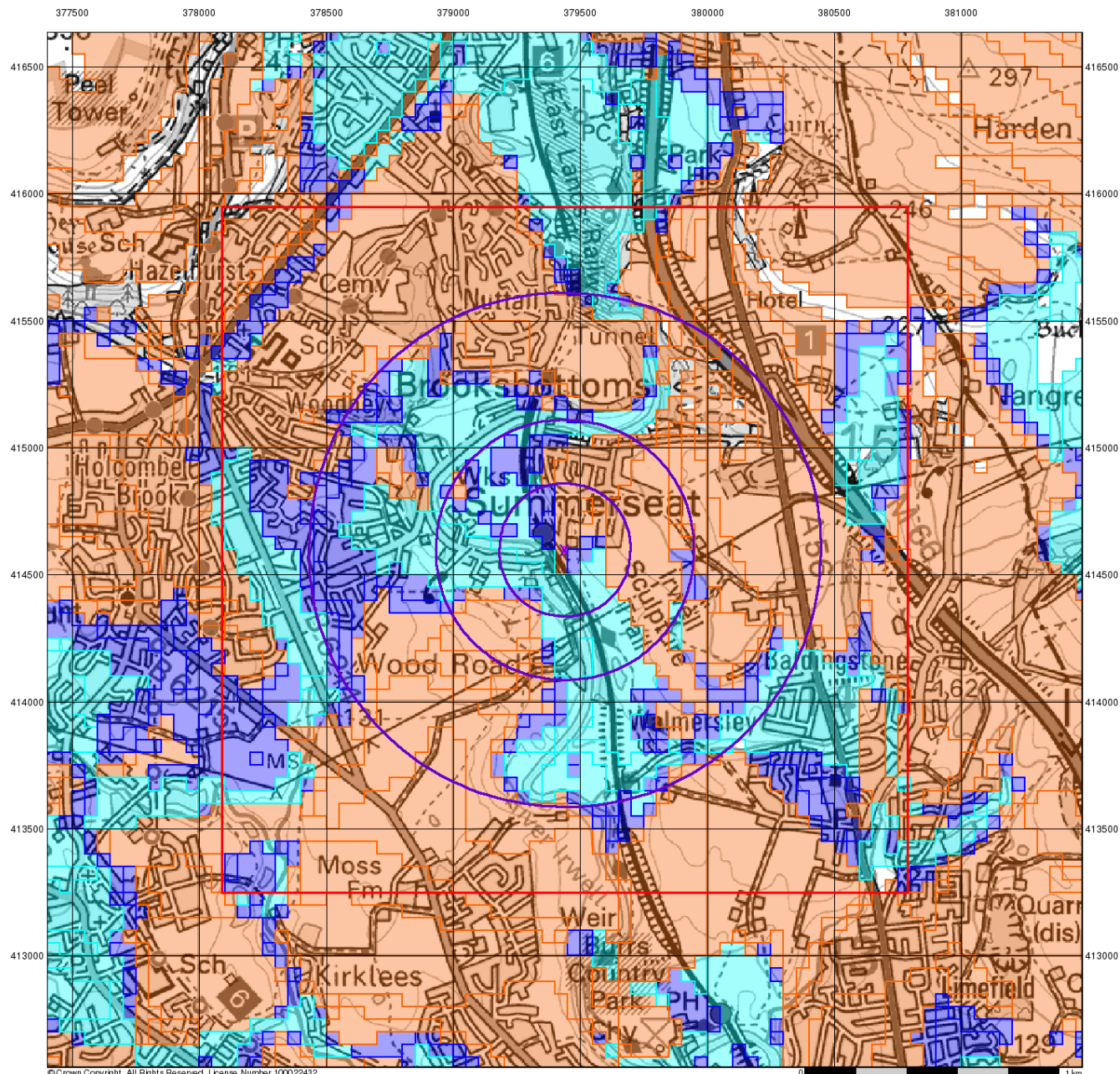
Order Number: 352290203_1_1
 Customer Ref: LKC 24 1324
 National Grid Reference: 379440, 414600
 Slice: A
 Site Area (Ha): 0.04
 Search Buffer (m): 1000

Site Details

The Engine Shed, Rowlands Road, RAMSBOTTOM, BL9 5QY

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GROUP

BGS Flood GFS Data

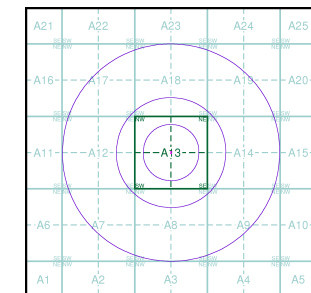
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 352290203_1_1
 Customer Ref: LKC 24 1324
 National Grid Reference: 379440, 414600
 Slice: A
 Site Area (Ha): 0.04
 Search Buffer (m): 1000

Site Details

The Engine Shed, Rowlands Road, RAMSBOTTOM, BL9 5QY

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

352290203_1_1

Customer Reference:

LKC 24 1324

National Grid Reference:

379440, 414600

Slice:

A

Site Area (Ha):

0.04

Search Buffer (m):

1000

Site Details:

The Engine Shed, Rowlands Road

RAMSBOTTOM

BL9 5QY

Client Details:

L Consult

LK Consult Ltd

Unit 29 Eton Business Park

Eton Hill Road

Radcliffe

Greater Manchester

M26 2ZS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	39
Hazardous Substances	-
Geological	42
Industrial Land Use	50
Sensitive Land Use	55
Data Currency	56
Data Suppliers	63
Useful Contacts	64

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 this 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 v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 4		5	12	7
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 9		Yes		
Pollution Incidents to Controlled Waters	pg 10		5	6	9
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 13		1	2	
River Quality Biology Sampling Points	pg 14		1		
River Quality Chemistry Sampling Points	pg 15				1
Substantiated Pollution Incident Register					
Water Abstractions	pg 15			3	2 (*19)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 21	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 22	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 22	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 22		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 22		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 22		12	34	94

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 39		1		2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 39				1
Local Authority Landfill Coverage	pg 39	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 39		2	3	3
Potentially Infilled Land (Water)	pg 40			5	10
Registered Landfill Sites	pg 41		1		
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 42	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 42	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 46		3	2	4
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 47	Yes	n/a	n/a	n/a
Mining Instability	pg 48	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 48	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 48	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 50			3	10
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health	pg 51				2
Points of Interest - Manufacturing and Production	pg 51			5	3
Points of Interest - Public Infrastructure	pg 52		2	8	4
Points of Interest - Recreational and Environmental	pg 53				12
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 55				2
Areas of Adopted Green Belt	pg 55	1			
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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	0	1	379438 414599
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	5	1	379450 414599
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	31	1	379400 414599
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	32	1	379400 414600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	54	1	379500 414600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	55	1	379500 414599
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	67	1	379500 414550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	68	1	379500 414650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	104	1	379550 414600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	106	1	379500 414700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	123	1	379350 414700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	151	1	379500 414750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	154	1	379600 414599
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	160	1	379350 414450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	176	1	379550 414750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	187	1	379250 414650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	191	1	379300 414450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	205	1	379350 414400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	230	1	379300 414400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	243	1	379400 414850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	254	1	379350 414850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	269	1	379200 414450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	275	1	379300 414850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	297	1	379150 414700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	302	1	379350 414900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	340	1	379400 414250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	342	1	379500 414250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	348	1	379350 414250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	383	1	379100 414800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	390	1	379438 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	390	1	379400 414200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	397	1	379350 414200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	399	1	379350 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	404	1	379850 414599
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	404	1	379850 414600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	405	1	379550 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	405	1	379050 414450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	408	1	379050 414750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	410	1	379300 414200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	412	1	379300 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	414	1	379850 414700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	425	1	379050 414400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	428	1	379050 414800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	431	1	379250 415000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	440	1	379400 414150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	441	1	379650 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	446	1	379350 414150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	447	1	379850 414400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	452	1	379050 414850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	456	1	379900 414650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	458	1	379900 414550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	458	1	379300 414150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	463	1	379900 414700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	467	1	379700 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	470	1	379000 414400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	473	1	379000 414800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	480	1	379150 414200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	487	1	379438 414100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	491	1	379450 415100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	493	1	379000 414350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	493	1	379900 414400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	495	1	379500 415100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Ramsbottom Etw, Railway Street, Summerseat, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950040 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: Not Supplied Revocation Date: 21st June 1989 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13NW (W)	103	2	379330 414610
1	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Ramsbottom Etw, Railway Street, Summerseat, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950040 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: Not Supplied Revocation Date: 21st June 1989 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13NW (W)	103	2	379330 414610
1	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Ramsbottom Etw, Railway Street, Summerseat, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950040 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13NW (W)	103	2	379330 414610
1	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Ramsbottom Etw, Railway Street, Summerseat, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950040 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13NW (W)	103	2	379330 414610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: James Hoyle Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Pines, Summerseat, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0167/652 Permit Version: 1 Effective Date: 18th September 1967 Issued Date: 18th September 1967 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	149	2	379336 414474
3	Discharge Consents Operator: J D Homes Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Island Works, Railway Street, Summerseat, Bury, B19 5qd Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: Npswqd003490 Permit Version: 2 Effective Date: 30th November 2012 Issued Date: 30th November 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: To Ground Via A Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	397	2	379046 414700
3	Discharge Consents Operator: J D Homes Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Island Works, Railway Street, Summerseat, Bury, B19 5qd Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: Npswqd003490 Permit Version: 1 Effective Date: 27th October 2008 Issued Date: 27th October 2008 Revocation Date: 29th November 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: To Ground Via A Soakaway 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	A12NE (W)	397	2	379046 414700
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Peel Hall Drive Cso Peel Hall Road, Summerseat, Ramsbottom, Greater Manchester, B19 5qd Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0004 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Controlled Sea Environment: Receiving Water: Summerseat Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A12NE (W)	453	2	378985 414675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Peel Hall Cso (Bry0140) Peel Hall, Peel Hall Road, Summerseat, Bury, B19 5qr Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprjb3895ay Permit Version: 2 Effective Date: 3rd June 2022 Issued Date: 2nd June 2021 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	457	2	378980 414673
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Peel Hall Cso (Bry0140) Peel Hall, Peel Hall Road, Summerseat, Bury, B19 5qr Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprjb3895ay Permit Version: 1 Effective Date: 2nd June 2021 Issued Date: 2nd June 2021 Revocation Date: 2nd June 2022 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	457	2	378980 414673
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Peel Hall Drive Cso Peel Hall Road, Summerseat, Ramsbottom, Greater Manchester, B19 5qd Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0004 Permit Version: 3 Effective Date: 17th July 2017 Issued Date: 17th July 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	458	2	378979 414672
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Railway Street Cso Railway Street, Summerseat, Ramsbottom, Lancashire, B19 5qd Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0005 Permit Version: 3 Effective Date: 17th July 2017 Issued Date: 17th July 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	458	2	378979 414672

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Railway Street Cso Railway Street, Summerseat, Ramsbottom, Lancashire, BL9 5qd Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0005 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 16th July 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	458	2	378980 414680
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Peel Hall Drive Cso Peel Hall Road, Summerseat, Ramsbottom, Greater Manchester, BL9 5qd Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0004 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 16th July 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Summerseat Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	458	2	378980 414680
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Peel Hall Drive Cso Peel Hall Road, Summerseat, Ramsbottom, Greater Manchester, BL9 5qd Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01bry0003 Permit Version: 1 Effective Date: 15th September 1993 Issued Date: Not Supplied Revocation Date: 15th September 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12NE (W)	458	2	378980 414680
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Railway Street Cso Railway Street, Summerseat, Ramsbottom, Lancashire, BL9 5qd Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0005 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	458	2	378980 414680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Willan Homes Property Type: MAKING OF FOOD PRODUCTS/DAIRY Location: Brooksbottam Mill Swo, Waterside Road/Kay Street, Summerseat, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990632 Permit Version: 1 Effective Date: 1st July 1985 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SW (N)	491	2	379400 415100
6	Discharge Consents Operator: Michael Simon Gore & Lynda Gore Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 53 Wood Road Lane, Bury, Lancashire, B19 5pz Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0173/1971 Permit Version: 1 Effective Date: 15th May 1973 Issued Date: 15th May 1973 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trob Of River Irwell Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (S)	554	2	379300 414050
7	Discharge Consents Operator: Mr & Mrs A. Mackenzie Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Tom Nook Farm Turton Road, Tottington, Bury, Lancashire, B18 3qg Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0173/2070 Permit Version: 1 Effective Date: 26th October 1973 Issued Date: 26th October 1973 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Kirkless Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	645	2	379800 414050
8	Discharge Consents Operator: Mr R Orton Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Lammy Bank Robin Road, Summerseat, Bury, Lancashire, B19 5qp Authority: Environment Agency, North West Region Catchment Area: Holcombe Brook Reference: 016993369 Permit Version: 1 Effective Date: 18th February 2000 Issued Date: 18th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of Holcombe Bk 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	A17SE (NW)	777	2	378830 415100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Thomas Robinson Ltd Property Type: MAKING OF TEXTILES Location: Thomas Robinson(Vyella) Ltd Hope Works, Bolton Road West, Ramsbottom, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990081 Permit Version: 1 Effective Date: 1st January 1900 Issued Date: Not Supplied Revocation Date: 31st August 1990 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Holcombe Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	801	2	378800 415100
9	Discharge Consents Operator: G Wright Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Red Hall Hotel & Restaurant 5 Dwellings & An Office Building, Manchester Road, Walmsley, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991083 Permit Version: 2 Effective Date: 8th December 1997 Issued Date: Not Supplied Revocation Date: 7th November 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	952	2	380100 415300
9	Discharge Consents Operator: G Wright Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Red Hall Hotel & Restaurant 5 Dwellings & An Office Building, Manchester Road, Walmsley, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991083 Permit Version: 1 Effective Date: 31st January 1986 Issued Date: Not Supplied Revocation Date: 7th December 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	952	2	380100 415300
9	Discharge Consents Operator: Red Hall Hotel (Bury) Limited Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Red Hall Hotel & Restaurant 5 Dwellings & An Office Building, Manchester Road, Walmsley, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991083 Permit Version: 3 Effective Date: 8th November 1999 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	952	2	380100 415300
	Nearest Surface Water Feature	A13SW (W)	50	-	379382 414586

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Pollution Found Incident Date: 6th April 1996 Incident Reference: 96620684 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	32	2	379400 414595
10	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: River Irwell Incident Date: 8th February 1995 Incident Reference: 95620253 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	32	2	379400 414600
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Gas Oil Note: Tributary River Irwell Incident Date: 18th March 1994 Incident Reference: 94620504 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	55	2	379500 414600
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Gas Oil Note: Tributary River Irwell Incident Date: 19th April 1994 Incident Reference: 94620726 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	96	2	379400 414700
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Gas Oil Note: Tributary River Irwell Incident Date: 8th March 1994 Incident Reference: 94620433 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	193	2	379400 414800
14	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Cattle slurry Note: Walmersley Brook Incident Date: 14th July 1994 Incident Reference: 94621562 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	270	2	379700 414700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: River Irwell, Kay Street, SUMMERSEAT Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: White Substance Incident Date: 3rd April 1998 Incident Reference: SO980625 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	413	2	379301 415001
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell; None Pollution Found Incident Date: 11th September 1995 Incident Reference: 95622296 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	471	2	379000 414795
16	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Colour Note: River Irwell Incident Date: 26th September 1995 Incident Reference: 95622388 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	473	2	379000 414800
17	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Combined Sewer Overflow Location: River Irwell, Summerseat, BURY Authority: Environment Agency, North West Region Pollutant: Sewage - Storm Overflow Note: Not Supplied Incident Date: 1st June 1998 Incident Reference: SO980982 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: CSO Normal Operation Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	491	2	379400 415100
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Animal Carcasses Note: River Irwell Incident Date: 18th March 1995 Incident Reference: 95620560 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	495	2	379500 415100
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Colour Note: River Irwell; Dye Incident Date: 29th April 1995 Incident Reference: 95620952 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	593	2	379100 415100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; None Pollution Found Incident Date: 13th September 1996 Incident Reference: 96622017 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	607	2	378900 414900
21	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: SUMMERSEAT Authority: Environment Agency, North West Region Pollutant: Sewage - Storm Overflow Note: River Irwell; Storm Sewage Debris Incident Date: 21st December 1997 Incident Reference: 97622076 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	737	2	379700 415300
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Brook At Newmarket Street, SUMMERSEAT Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Oily Film On Brook Incident Date: 13th January 1998 Incident Reference: SO980103 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	830	2	378701 415001
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; No Pollution Found Incident Date: 5th August 1996 Incident Reference: 96621724 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	882	2	378700 415100
24	Pollution Incidents to Controlled Waters Property Type: Oil Industry (Not Garages) Location: Irwell Polluted By Oil At, Burrs, BURY Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Walmersley Brook; Oil Incident Date: 15th August 1997 Incident Reference: 97621505 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	901	2	379600 413700
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; No Pollution Found Incident Date: 20th August 1996 Incident Reference: 96621843 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	905	2	379600 415500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Walmersley Brook Incident Date: 29th March 1995 Incident Reference: 95620647 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	924	2	379700 413700
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Pollution Found Incident Date: 28th May 1996 Incident Reference: 96621146 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	935	2	378500 414500
	River Quality Name: Irwell GQA Grade: River Quality C Reach: Rossendale Stw To Chest Wheel Bridge Estimated Distance (km): 9.2 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A13SW (S)	130	2	379390 414465
	River Quality Name: Irwell GQA Grade: River Quality C Reach: Chest Wheel Bridge To Roch Estimated Distance (km): 10.3 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A13SW (S)	269	2	379413 414320
	River Quality Name: Holcombe Bk GQA Grade: River Quality B Reach: Qsl At Redisher Close To Irwell Estimated Distance (km): 1.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A12NE (W)	494	2	378964 414767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	River Quality Biology Sampling Points Name: Irwell Reach: Chest Wheel Bridge To Roch Estimated Distance: 10.30 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 1995 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2000 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2002 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2003 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2004 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2005 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2006 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2007 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2008 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2009 GQA Grade: River Quality Biology GQA Grade C - Fairly Good	A13SE (S)	237	2	379450 414350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	River Quality Chemistry Sampling Points Name: Holcombe Brook Reach: Qsl At Redisher Close To Irwell Estimated Distance: 1.30 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: Not Supplied Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A12NE (NW)	557	2	378982 414936
30	Water Abstractions Operator: Mr J Kenyon Licence Number: 2569001208 Permit Version: 101 Location: Borehole At Summerseat, Bury Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Higher Wood Road Farm, Summerseat Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th November 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	370	2	379200 414300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Water Abstractions Operator: John Kenyon & Sons Licence Number: 2569001208 Permit Version: 100 Location: Borehole At Summerseat, Bury Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 41 Yearly Rate (m3): 14975 Details: Higher Wood Road Farm, Summerseat Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	370	2	379200 414300
31	Water Abstractions Operator: Mr K Taylor Licence Number: 2569001218 Permit Version: Not Supplied Location: Wood Mill, SUMMERSEAT Authority: Environment Agency, North West Region Abstraction: Water Power Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: River Irwell Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (S)	491	2	379500 414100
32	Water Abstractions Operator: Greenleaf Enterprises Ltd Licence Number: 2569001038 Permit Version: 102 Location: River Irwell In Ramsbottom Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Summerseat Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	503	2	378950 414750
32	Water Abstractions Operator: Binex Ltd Licence Number: 2569001038 Permit Version: 101 Location: River Irwell In Ramsbottom Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 91 Yearly Rate (m3): 23639 Details: Premises At Summerseat Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th June 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	503	2	378950 414750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr J Whittaker Licence Number: 2569001101 Permit Version: 100 Location: Spring Fed Catchpit At Nuttal Hall Farm, Ramsbottom Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 996 Details: Nuttal Hall Farm, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SW (N)	1098	2	379300 415700
	Water Abstractions Operator: Canal And River Trust Licence Number: Nw/069/0001/016 Permit Version: 1 Location: River Irwell At Elton Reservoir Authority: Environment Agency, North West Region Abstraction: Navigation: General Use Relating To Secondary Category (Very Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 31st March 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1535	2	379677 413070
	Water Abstractions Operator: Morada International Ltd Licence Number: 2569001131 Permit Version: 100 Location: Boreholes (2) At Hope Works, Ramsbottom \$86 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Hope Works,Bolton Road West,Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NE (N)	1583	2	378900 416100
	Water Abstractions Operator: R Fitton Licence Number: 2569001123 Permit Version: 100 Location: Well At Irwell View Farm, Walmsley,Bury, Lancashire Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 1214 Details: Irwell View Farm, Walmsley, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4SW (SE)	1626	2	380100 413100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Tetrosyl Ltd Licence Number: 2569001247 Permit Version: 100 Location: Unnamed Tributary Of Pigs Lee Brook Feeding A Reservoir At B Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1512 Yearly Rate (m3): 453000 Details: Land At Bevis Green Works,Walmersley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th May 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10SE (SE)	1655	2	380950 413900
	Water Abstractions Operator: Tetrosyl Ltd Licence Number: 2569001247 Permit Version: 100 Location: Unnamed Tributary Of Pigs Lee Brook Feeding A Reservoir At B Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Bevis Green Works,Walmersley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th May 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10SE (SE)	1655	2	380950 413900
	Water Abstractions Operator: Messrs Mosley And Thwaites Licence Number: 2569001190 Permit Version: 100 Location: Spring Fed Collecting Chamber At Walmersley Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 10 Yearly Rate (m3): 3500 Details: Bast House And Butcheracre Farms Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 1972 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NE (NE)	1678	2	380800 415600
	Water Abstractions Operator: Morada International Ltd Licence Number: 2569001131 Permit Version: 100 Location: Boreholes (2) At Hope Works, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1364 Yearly Rate (m3): 363688 Details: Hope Works,Bolton Road West,Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NW (NW)	1751	2	378700 416200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr A Howarth Licence Number: 2569001188 Permit Version: 100 Location: Borehole At Walmersley, Near Bury Authority: Environment Agency, North West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 34 Yearly Rate (m3): 12456 Details: Premises At Walmersley,+Baldingstone Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1778	2	381200 414900
	Water Abstractions Operator: Bury Cooper Whitehead Ltd. Licence Number: 2569001116 Permit Version: Not Supplied Location: Bury, BURY Authority: Environment Agency, North West Region Abstraction: Transfer Water Abstraction Type: Not Supplied Source: River Daily Rate (m3): 2618 Yearly Rate (m3): 27276 Details: Pigs Lee Stream Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SE)	1879	2	380900 413400
	Water Abstractions Operator: Knowles Vanlines Ltd Licence Number: 2569001200 Permit Version: Not Supplied Location: River Irwell, Ramsbottom, BURY Authority: Environment Agency, North West Region Abstraction: Vehicle Washing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 9 Yearly Rate (m3): 2800 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1895	2	379300 416500
	Water Abstractions Operator: Whitefield Systems (Holdings) Ltd Licence Number: 2569001152 Permit Version: Not Supplied Location: Kirklees Brook, TOTTINGTONBURY, Lancashire Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 3637 Yearly Rate (m3): 909200 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1SE (SW)	1932	2	378200 413100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Turnbull Prints Limited Licence Number: 2569001253/R02 Permit Version: 3 Location: Borehole At Edward Turnbull, Tottington, Bury Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th December 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1944	2	377820 413500
	Water Abstractions Operator: Turnbull Prints Limited Licence Number: 25/69/001/253/R02 Permit Version: 1 Location: Borehole At Edward Turnbull, Tottington, Bury Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1944	2	377820 413500
	Water Abstractions Operator: Turnbull Prints Limited Licence Number: 2569001253r02 Permit Version: 1 Location: Borehole At Edward Turnbull, Tottington, Bury Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1944	2	377820 413500
	Water Abstractions Operator: Edward Turnbull Ltd Licence Number: 2569001253r1 Permit Version: 1 Location: Borehole At Edward Turnbull, Tottington, Bury Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th February 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1944	2	377820 413500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Edward Turnbull Ltd Licence Number: 2569001253 Permit Version: 101 Location: Borehole At Stormer Hill, Tottington Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Stormer Hill, Tottington Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th December 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1944	2	377820 413500
	Water Abstractions Operator: Edward Turnbull & Co Ltd Licence Number: 2569001253 Permit Version: 100 Location: Borehole At Stormer Hill, Tottington Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 364 Yearly Rate (m3): 100000 Details: Land At Stormer Hill, Tottington Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1944	2	377820 413500
	Water Abstractions Operator: Joseph Scholes & Sons Ltd. Licence Number: 2569001010 Permit Version: Not Supplied Location: Tottington Near Bury, BURY Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 136 Yearly Rate (m3): 4091 Details: Additional Purpose - Boiler Feed Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NW (SW)	1961	2	377800 413500
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13SW (W)	0	3	379432 414598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13NE (NE)	0	3	379438 414599
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (NE)	0	3	379438 414599
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NE)	0	3	379438 414599
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (W)	0	3	379432 414598
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	43	2	379386 414590
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	45	2	379386 414590
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (W)	59	4	379373 414574
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (W)	86	4	379348 414615
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 273.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13NW (W)	88	4	379345 414609

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	117	4	379322 414547
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	144	4	379356 414466
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (SW)	144	4	379356 414466
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (W)	176	4	379265 414530
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (W)	179	4	379262 414529
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	211	4	379235 414511
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	219	4	379232 414499
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	226	4	379232 414480
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A13SW (SW)	226	4	379232 414480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	267	4	379493 414325
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SE (S)	267	4	379493 414325
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 321.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	349	4	379695 414345
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 254.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NE (W)	359	4	379075 414631
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	359	4	379075 414631
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	370	4	379653 414282
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	371	4	379066 414664
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	380	4	379608 414244
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 230.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	387	4	379074 414754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	401	4	379593 414215
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	402	4	379213 414947
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	416	4	379023 414507
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	418	4	379022 414508
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	440	4	379236 414194
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	446	4	379171 414226
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	447	4	379304 414160
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 516.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A8NE (S)	455	4	379547 414145
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 309.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	460	4	379578 415049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	463	4	378969 414553
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	473	4	379380 414118
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	474	4	379381 414117
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	477	4	379093 414252
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	479	4	379091 414250
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 216.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (NE)	480	4	379638 415048
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (NE)	480	4	379638 415048
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	485	4	379331 414114
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	488	4	379133 414995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	499	4	379578 415090
73	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (NE)	499	4	379634 415070
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	499	4	379551 415096
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	500	4	379610 415081
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (N)	500	4	379314 415096
77	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	500	4	379556 415097
78	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	500	4	379577 415091
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A18SW (N)	501	4	379338 415102
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	503	4	379512 415107

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A18SE (N)	503	4	379514 415107
82	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 44.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A18SE (N)	506	4	379515 415110
83	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	508	4	379574 415100
84	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	508	4	379574 415100
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	515	4	379238 415086
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (N)	515	4	379238 415086
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NE (NW)	519	4	379009 414909
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holcombe Brook Catchment Name: Mersey Primacy: 1	A12NE (NW)	519	4	379009 414909
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	522	4	379234 415092

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Holcombe Brook Catchment Name: Mersey Primacy: 1	A12NE (NW)	532	4	379000 414919
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	533	4	378943 414820
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 237.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holcombe Brook Catchment Name: Mersey Primacy: 1	A12NE (NW)	537	4	378997 414923
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	539	4	378938 414822
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 413.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	541	4	379352 414054
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	542	4	378934 414823
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	567	4	379213 415132
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	567	4	379213 415132
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	575	4	379296 415168

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	582	4	378884 414804
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	585	4	378848 414624
101	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 81.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	592	4	378890 414844
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	594	4	379363 415199
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	594	4	379362 415200
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	648	4	379151 415193
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 440.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	650	4	379836 415128
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A19SW (NE)	656	4	379814 415152
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	660	4	378847 414913

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 191.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	697	4	379822 415196
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A19SW (NE)	697	4	379822 415196
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	698	4	378735 414642
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	709	4	378814 414954
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	711	4	378722 414634
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holcombe Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	761	4	378827 415069
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	761	4	378827 415069
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	761	4	378827 415070
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 642.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A19NW (NE)	763	4	379798 415286

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	763	4	379798 415286
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	768	4	378827 415082
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 283.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	814	4	378844 415172
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	814	4	378844 415172
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	817	4	380008 415202
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	817	4	380008 415202
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	818	4	379392 413771
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	829	4	378757 415090
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holcombe Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	829	4	378757 415090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	831	4	379917 415293
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	834	4	379902 415307
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	874	4	378559 414641
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 281.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	879	4	380205 415052
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	879	4	379334 413715
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A8SW (S)	885	4	379316 413711
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	897	4	378895 415327
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	897	4	378895 415327
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A8SE (S)	912	4	379748 413728

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A8SE (S)	912	4	379748 413728
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	913	4	379275 413690
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	913	4	379270 413690
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A8SE (S)	915	4	379737 413720
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	915	4	379144 413720
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	918	4	379165 413710
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A8SE (S)	919	4	379735 413715
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	921	4	379281 413680
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	922	4	378515 414695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	923	4	379922 413798
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A8SW (S)	923	4	379291 413676
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A9SW (SE)	924	4	379874 413770
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	924	4	379149 413709
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	924	4	379141 413711
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: Underground Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A8SE (S)	925	4	379652 413686
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	925	4	379148 413708
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	927	4	378511 414699
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (S)	927	4	379085 413729

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (S)	928	4	379083 413729
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (S)	930	4	379085 413726
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (S)	930	4	379086 413725
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 309.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A8SE (S)	931	4	379439 413657
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	932	4	379290 413667
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A8SE (S)	934	4	379631 413672
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A9SW (SE)	934	4	379951 413803
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	934	4	378504 414707
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	935	4	380051 415322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	951	4	378949 415428
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	955	4	378896 415400
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	959	4	378699 415227
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	959	4	378699 415227
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Walmersley Brook Catchment Name: Mersey Primacy: 1	A9SW (SE)	977	4	380032 413807
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	977	4	380233 414011
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	988	4	380088 415359
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	992	4	378882 415435
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	992	4	378882 415435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Holcombe Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	992	4	378581 415118
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Holcombe Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	996	4	378579 415123

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	Historical Landfill Sites Licence Holder: G T Botham Location: Summerseat, Near Bury Name: Miller Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15690 First Input Date: 31st December 1979 Last Input Date: 31st December 1984 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9091 BGS Ref: Not Supplied Other Ref: C053, RD/LIC/173/79	A13NW (NW)	22	2	379416 414623
174	Historical Landfill Sites Licence Holder: Not Supplied Location: Walmsley, Bury, Greater Manchester Name: Springside Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34840 First Input Date: 31st December 1965 Last Input Date: 31st December 1965 Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C123	A8NE (S)	671	2	379651 413950
175	Historical Landfill Sites Licence Holder: Search Quick Limited Location: Bury Name: Field North Of Gin Hall Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15697 First Input Date: 1st August 1987 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9255 BGS Ref: Not Supplied Other Ref: WML/0479/M02/T01, C038	A14NE (E)	897	2	380337 414716
176	Licensed Waste Management Facilities (Locations) Licence Number: 408325 Location: Walmsley, Bury, BL9 5NB Operator Name: Park House Services NW Limited Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Issued Issued: 28th July 2022 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	969	2	379913 415457
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		0	5	379438 414599
177	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A13SW (SW)	164	-	379354 414444
178	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A13SW (SW)	190	-	379343 414420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A13SE (SE)	312	-	379596 414314
180	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A18SE (NE)	414	-	379634 414977
181	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A18SE (NE)	431	-	379652 414987
182	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A14SE (E)	704	-	380149 414593
183	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A12SW (W)	708	-	378731 414484
184	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A14SE (E)	835	-	380267 414451
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (N)	291	-	379335 414884
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A12NE (W)	356	-	379087 414694
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A12NE (NW)	404	-	379060 414764
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12SE (W)	453	-	378978 414588
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NE (W)	465	-	378968 414634
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A18SE (N)	521	-	379519 415125
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A18SE (N)	525	-	379533 415126
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A18SE (N)	547	-	379649 415117
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8NE (SE)	596	-	379683 414042
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NE (NW)	612	-	378881 414873
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NE (NW)	669	-	378834 414908
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17SE (NW)	765	-	378805 415046
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1930	A12SW (W)	782	-	378655 414489

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A12SW (W)	893	-	378539 414560
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A12SW (W)	957	-	378476 414537
200	Registered Landfill Sites Licence Holder: G T Botham Licence Reference: 00173 Site Location: Miller Street, Summerseat, Bury, Lancashire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: 2 Meadoway, Summerseat, BURY, Lancashire, BL9 5HH Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 7th December 1979 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Construction And Demolition Wastes Prohibited Waste: Liquid/Slurry/Sludge Wastes	A13NW (NW)	27	2	379417 414631

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Millstone Grit Group [See Also Migr]	A13NE (NE)	0	1	379438 414599
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	0	1	379438 414599
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	10	1	379448 414579
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	87	1	379438 414500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	186	1	379304 414452
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (S)	318	1	379506 414276
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (S)	321	1	379500 414271

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: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (SE)	327	1	379576 414288
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	345	1	379619 414290
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	357	1	379386 414234
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	360	1	379357 414237
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	361	1	379461 414227
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	380	1	379467 414208

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: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	416	1	379025 414500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	460	1	379486 414129
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	460	1	379482 414129
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	462	1	379500 414129
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	538	1	379504 414053
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	538	1	379500 414052

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: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	542	1	379482 414047
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	650	1	379817 415142
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	687	1	379678 413941
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	729	1	379000 414000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	807	1	380144 415012
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SW)	822	1	378964 413912

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: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SW)	880	1	379000 413822
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	900	1	378536 414500
201	BGS Recorded Mineral Sites Site Name: Lower Summerseat Location: Summerseat, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96024 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	173	1	379299 414477
202	BGS Recorded Mineral Sites Site Name: Chest Wheel Bridge Location: Summerseat, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96437 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (S)	183	1	379422 414406
203	BGS Recorded Mineral Sites Site Name: Rowlands Location: Brooksbottom, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96010 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Huddersfield White Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	190	1	379590 414732
204	BGS Recorded Mineral Sites Site Name: Chest Wheel Farm Location: Summerseat, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96438 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Huddersfield White Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	368	1	379672 414298

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
205	BGS Recorded Mineral Sites Site Name: Cragg Farm Location: Brooksbottm, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96009 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brooksbottoms Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	426	1	379642 414987
206	BGS Recorded Mineral Sites Site Name: Bird Hall Location: Summerseat, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96125 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Millstone Grit Group Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	702	1	380148 414593
207	BGS Recorded Mineral Sites Site Name: Higher Summerseat Sand Pit Location: Summerseat, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 260254 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A12SW (W)	715	1	378724 414481
208	BGS Recorded Mineral Sites Site Name: Brooksbottm Location: Brooksbottm, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96008 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brooksbottoms Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	796	1	379736 415350
209	BGS Recorded Mineral Sites Site Name: Bird Hall Location: Summerseat, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96126 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Haslingden Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	836	1	380269 414454
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (NE)	0	6	379438 414599

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NE)	0	-	379438 414599
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	379432 414598
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	379432 414598
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	13	1	379460 414601
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	31	1	379477 414600
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	65	1	379368 414572
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	112	1	379412 414479
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	133	1	379357 414477
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	166	1	379337 414452
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	379432 414598
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	112	1	379412 414479
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	160	1	379290 414514
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	112	1	379412 414479

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	160	1	379290 414514
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	379438 414599
	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	A13NE (NE)	0	1	379438 414599

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	Contemporary Trade Directory Entries Name: Binex Ltd Location: Summerseat Dye Works, Railway Street, Bury, Lancashire, BL9 5QD Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12SE (W)	353	-	379080 414551
211	Contemporary Trade Directory Entries Name: John Kenyon & Sons Location: Wood Road Dairy Farms, Wood Road, Bury, BL9 5QA Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	441	-	379374 414151
212	Contemporary Trade Directory Entries Name: Fridgeland Online Ltd Location: Kay St, Summerseat, Bury, Lancashire, BL9 5PE Classification: Refrigerators & Freezers - Servicing & Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	487	-	379381 415094
212	Contemporary Trade Directory Entries Name: Fridgeland On-Line Ltd Location: The Gatehouse, Kay Street, Summerseat, Bury, Lancashire, BL9 5PE Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	501	-	379417 415111
212	Contemporary Trade Directory Entries Name: Zenith Carpet & Upholstery Cleaning Location: 10,10 The Spinnings, Waterside Road, The Spinnings, Summerseat, Bury, Lancashire, BL9 5QW Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (N)	509	-	379456 415118
213	Contemporary Trade Directory Entries Name: Russell Cornwell Location: 88, Newcombe Road, Ramsbottom, Bury, Lancashire, BL0 9XD Classification: Energy Efficient Products and Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	672	-	378760 414576
214	Contemporary Trade Directory Entries Name: The Prio Highbank Centre Location: Walmersley House, Walmersley Road, Walmersley, Bury, Lancashire, BL9 5LX Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	699	-	380106 414837
215	Contemporary Trade Directory Entries Name: C-Air Filtration Location: 18, Cleveland Close, Ramsbottom, Bury, BL0 9FH Classification: Air Purification Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	781	-	379281 415376
215	Contemporary Trade Directory Entries Name: K P Fire Engineering Location: 191, Whittingham Drive, Ramsbottom, Bury, Lancashire, BL0 9NY Classification: Firefighting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	814	-	379245 415401
216	Contemporary Trade Directory Entries Name: Freddie's Forge Location: 5, Hazel Avenue, Ramsbottom, Bury, Lancashire, BL0 9UW Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	792	-	378656 414426
217	Contemporary Trade Directory Entries Name: M & J Supplies Location: 33, Marlborough Close, Ramsbottom, Bury, Lancashire, BL0 9YU Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	802	-	379133 415353

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	Contemporary Trade Directory Entries Name: P S S Technologies Location: 158, SUMMERSEAT LANE, RAMSBOTTOM, BURY, BL0 9TT Classification: Heat Treatment - Metals Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	831	-	378630 414825
219	Contemporary Trade Directory Entries Name: Ironing 4 You Location: 24, Strathmore Close, Ramsbottom, Bury, Lancashire, BL0 9YW Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	948	-	379169 415520
220	Points of Interest - Education and Health Name: The Priory Highbank Centre Location: The Priory Highbank Centre, Walmersley Road, Bury, BL9 5LX Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14NW (E)	697	7	380101 414846
220	Points of Interest - Education and Health Name: The Priory Highbank Centre Location: Walmersley House, Walmersley Road, Walmersley, Bury, BL9 5LX Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14NW (E)	699	7	380106 414837
221	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	432	7	379017 414726
221	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12NE (W)	438	7	379014 414738
221	Points of Interest - Manufacturing and Production Name: Tanks Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	438	7	379014 414738
221	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	446	7	379010 414750
221	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	473	7	378979 414744
222	Points of Interest - Manufacturing and Production Name: W D I Properties Ltd Location: 249 Bass Lane, Bury, BL9 5NS Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A19SW (NE)	609	7	379876 415040
223	Points of Interest - Manufacturing and Production Name: E S Entwistle Location: Springside Road, Walmersley, Bury, BL9 5QU Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SE (S)	976	7	379693 413644
223	Points of Interest - Manufacturing and Production Name: E S Entwistle Location: Springside Farm, Springside Road, Walmersley, Bury, BL9 5QU Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SE (S)	976	7	379693 413644

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	Points of Interest - Public Infrastructure Name: Outfall Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	88	7	379345 414614
224	Points of Interest - Public Infrastructure Name: Outfall Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	95	7	379338 414612
225	Points of Interest - Public Infrastructure Name: Slurry Bed Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	413	7	379385 414178
226	Points of Interest - Public Infrastructure Name: Outfall Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	450	7	378988 414674
226	Points of Interest - Public Infrastructure Name: Outfall Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	455	7	378982 414672
227	Points of Interest - Public Infrastructure Name: Sluices Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	480	7	379332 415079
227	Points of Interest - Public Infrastructure Name: Sluice Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	480	7	379335 415080
228	Points of Interest - Public Infrastructure Name: Sluice Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	491	7	379608 415072
228	Points of Interest - Public Infrastructure Name: Weir Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	498	7	379630 415071
228	Points of Interest - Public Infrastructure Name: Weir Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	500	7	379633 415072
228	Points of Interest - Public Infrastructure Name: Sluice Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	506	7	379515 415110
228	Points of Interest - Public Infrastructure Name: Sluice Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	508	7	379520 415111

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	Points of Interest - Public Infrastructure Name: Slurry Bed Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	724	7	380144 414402
230	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	953	7	378611 415092
231	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	556	7	379021 414983
231	Points of Interest - Recreational and Environmental Name: Play Area Location: Waterside Road, BL9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	556	7	379021 414983
231	Points of Interest - Recreational and Environmental Name: Play Area Location: BL9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	558	7	379082 415044
231	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	595	7	379044 415060
232	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	659	7	378944 415052
233	Points of Interest - Recreational and Environmental Name: Playground Location: Vale Coppice, BL0 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NW (N)	685	7	379395 415294
233	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	694	7	379402 415303
234	Points of Interest - Recreational and Environmental Name: Playground Location: Marlborough Close, BL0 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17NE (NW)	848	7	378988 415332
234	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	853	7	378975 415330
235	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	909	7	378537 414763

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Points of Interest - Recreational and Environmental Name: Play Area Location: Mosley Avenue, BL0 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	909	7	378537 414763
235	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	971	7	378481 414802

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
236	Ancient Woodland Name: Gollinrod Wood Reference: 1105582 Area(m ²): 105407.74 Type: Ancient and Semi-Natural Woodland	A18SE (N)	524	8	379530 415126
237	Ancient Woodland Name: Broad Hey Wood Reference: 1105579 Area(m ²): 113216.74 Type: Ancient and Semi-Natural Woodland	A12NE (NW)	704	8	378802 414923
238	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A13NE (NE)	0	5	379438 414599

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Rossendale Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Blackburn with Darwen Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department	November 2023 October 2017 October 2017 September 2017 September 2017 September 2017	Annually Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	October 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Blackburn with Darwen Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2015 February 2015 July 2014 July 2014 May 2016	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Blackburn with Darwen Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2015 February 2015 July 2014 July 2014 May 2016	Not Applicable Not Applicable Annual Rolling Update Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Blackburn with Darwen Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2015 February 2015 July 2014 July 2014 May 2016	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	April 2024	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Environment Agency - North West Region Environment Agency - Head Office	May 2023 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2024 April 2024 April 2024	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	April 2024	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	April 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	May 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	May 2024 May 2024 May 2024	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Blackburn with Darwen Borough Council Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Lancashire County Council - Waste Management Group Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Blackburn with Darwen Borough Council Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Lancashire County Council - Waste Management Group Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lancashire County Council Blackburn with Darwen Borough Council Bolton Metropolitan Borough Council - Planning Department Bury Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	April 2023 February 2016 February 2016 February 2016 May 2023 May 2023	Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Blackburn with Darwen Borough Council Bolton Metropolitan Borough Council - Planning Department Bury Metropolitan Borough Council Lancashire County Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2024	Quarterly
Points of Interest - Education and Health PointX	June 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2024	Quarterly
Points of Interest - Public Infrastructure PointX	June 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Blackburn with Darwen Borough Council Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Blackburn with Darwen Borough Council Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 2024	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 NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bury Metropolitan Borough Council Craig House, Bank Street, Bury, Lancashire, BL9 0DN	Telephone: 0161 253 5000 Fax: 0161 705 5290 Website: www.bury.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
7	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	Rossendale Borough Council - Planning Department Town Hall, Rawtenstall, Lancashire, BB4 7LZ	Telephone: 01706 217777 Fax: 01706 224958 Website: www.rossendale.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Diamicton	Not Supplied - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary
	LDE	Lacustrine Deposits	Clay	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	WH	Woodhead Hill Rock	Sandstone	Not Supplied - Westphalian
	MLRS	Milnrow Sandstone	Sandstone	Not Supplied - Westphalian
	OL	Old Lawrence Rock	Sandstone	Not Supplied - Westphalian
	GNR	Ganister Rock	Sandstone	Not Supplied - Westphalian
	GAS	Great Arc Sandstone	Sandstone	Not Supplied - Westphalian
	HER	Helpet Edge Rock	Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	ON	Ousel Nest Grit	Sandstone	Not Supplied - Westphalian
	RR	Rough Rock	Sandstone	Not Supplied - Namurian
	ROSSE	Rossendale Formation	Mudstone and Siltstone	Not Supplied - Namurian
	LH	Lower Haslingden Flags	Sandstone	Not Supplied - Namurian
	UH	Upper Haslingden Flags	Sandstone	Not Supplied - Namurian
	MARSD	Marsden Formation	Mudstone and Siltstone	Not Supplied - Namurian
	BBS	Brooksbottoms Grit	Sandstone	Not Supplied - Namurian
	HLBG	Holcombe Brook Grit	Sandstone	Not Supplied - Namurian
	GSYG	Guisseley Grit	Sandstone	Not Supplied - Namurian
	FLB	FLETCHER BANK GRIT	Sandstone	Not Supplied - Namurian
	HSG	Helmshore Grit	Sandstone	Not Supplied - Namurian
		Faults		
		Rock Segments		



Geology 1:50,000 Maps

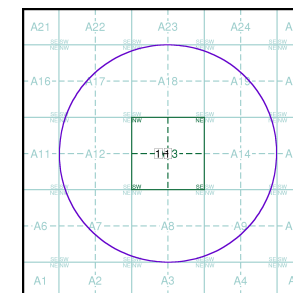
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	076
Map Name:	Rochdale
Map Date:	2008
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

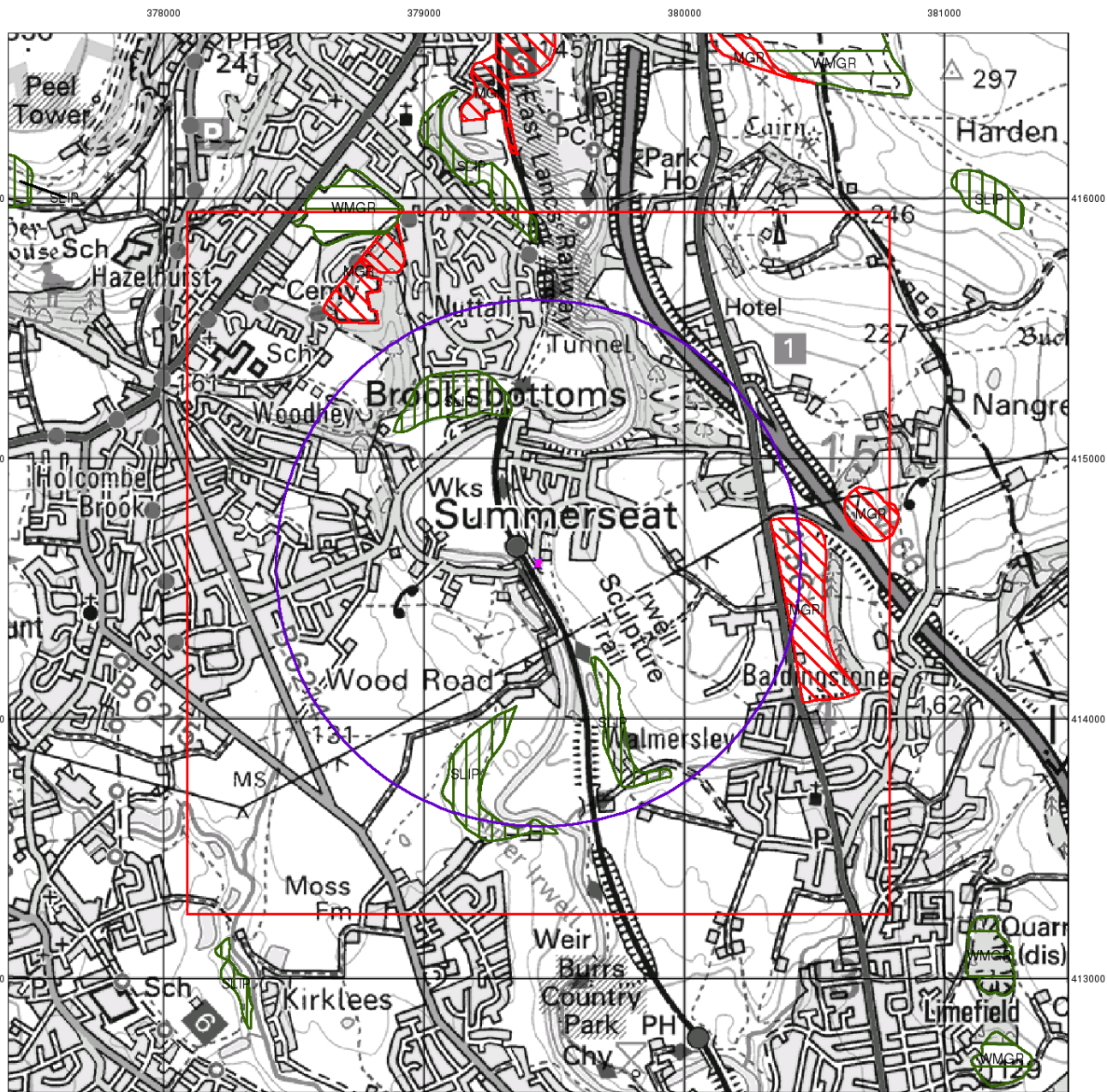
Order Number:	352290203_1_1
Customer Reference:	LKC 24 1324
National Grid Reference:	379440, 414600
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

Site Details:

The Engine Shed, Rowlands Road, RAMSBOTTOM, BL9 5QY



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.ernirocheck.co.uk



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Artificial Ground and Landslip

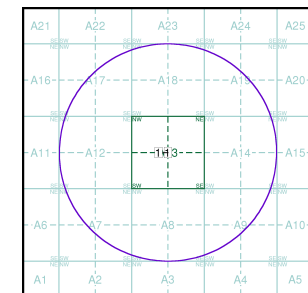
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 352290203_1_1
 Customer Reference: LKC 24 1324
 National Grid Reference: 379440, 414600
 Slice: A
 Site Area (Ha): 0.04
 Search Buffer (m): 1000

Site Details:

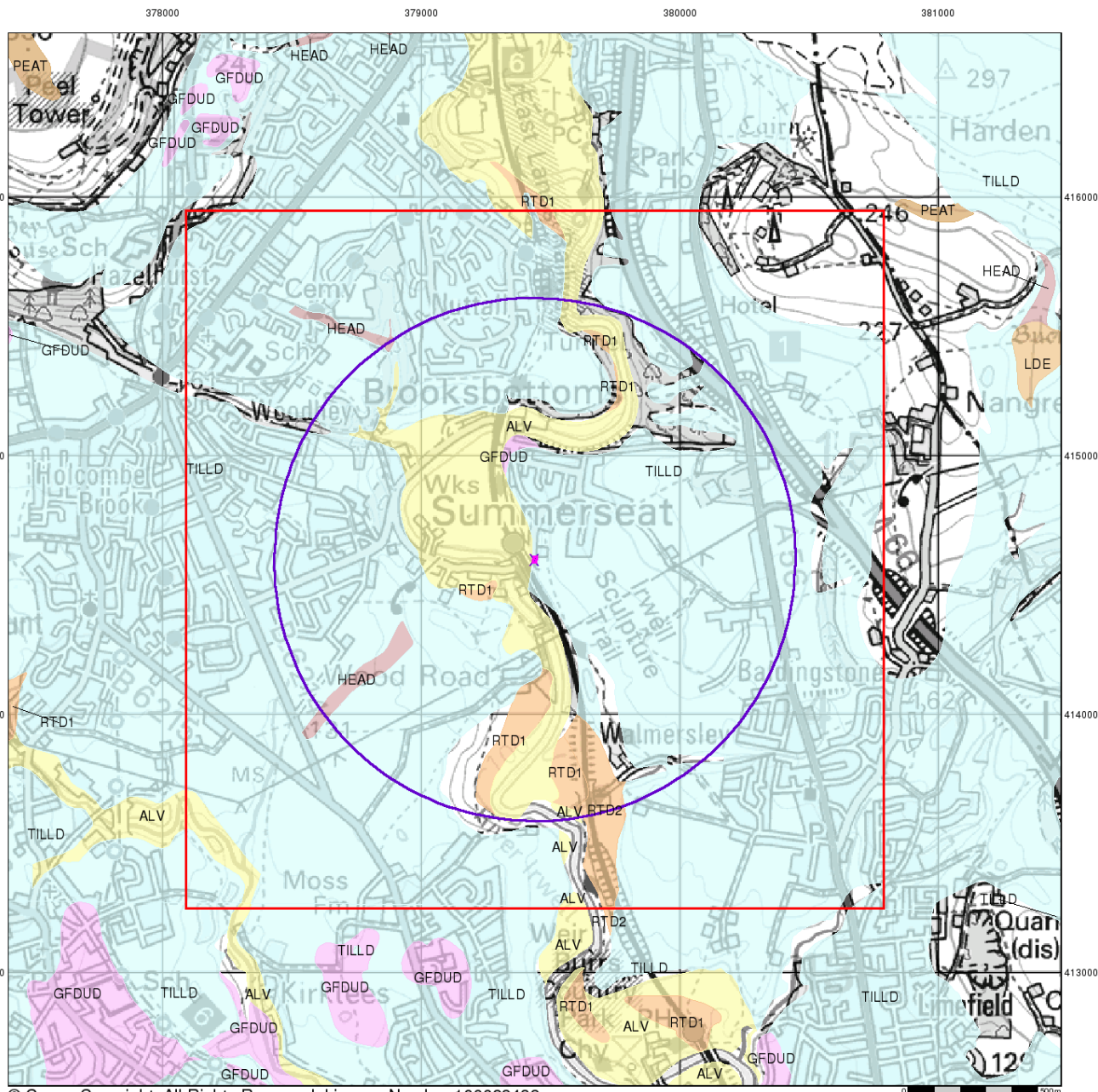
The Engine Shed, Rowlands Road, RAMSBOTTOM, BL9 5QY

Landmark
 INFORMATION GROUP

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

v15.0 09-Jul-2024

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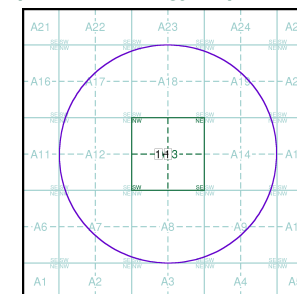
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

Order Number: 352290203_1_1
 Customer Reference: LKC 24 1324
 National Grid Reference: 379440, 414600
 Slice: A
 Site Area (Ha): 0.04
 Search Buffer (m): 1000

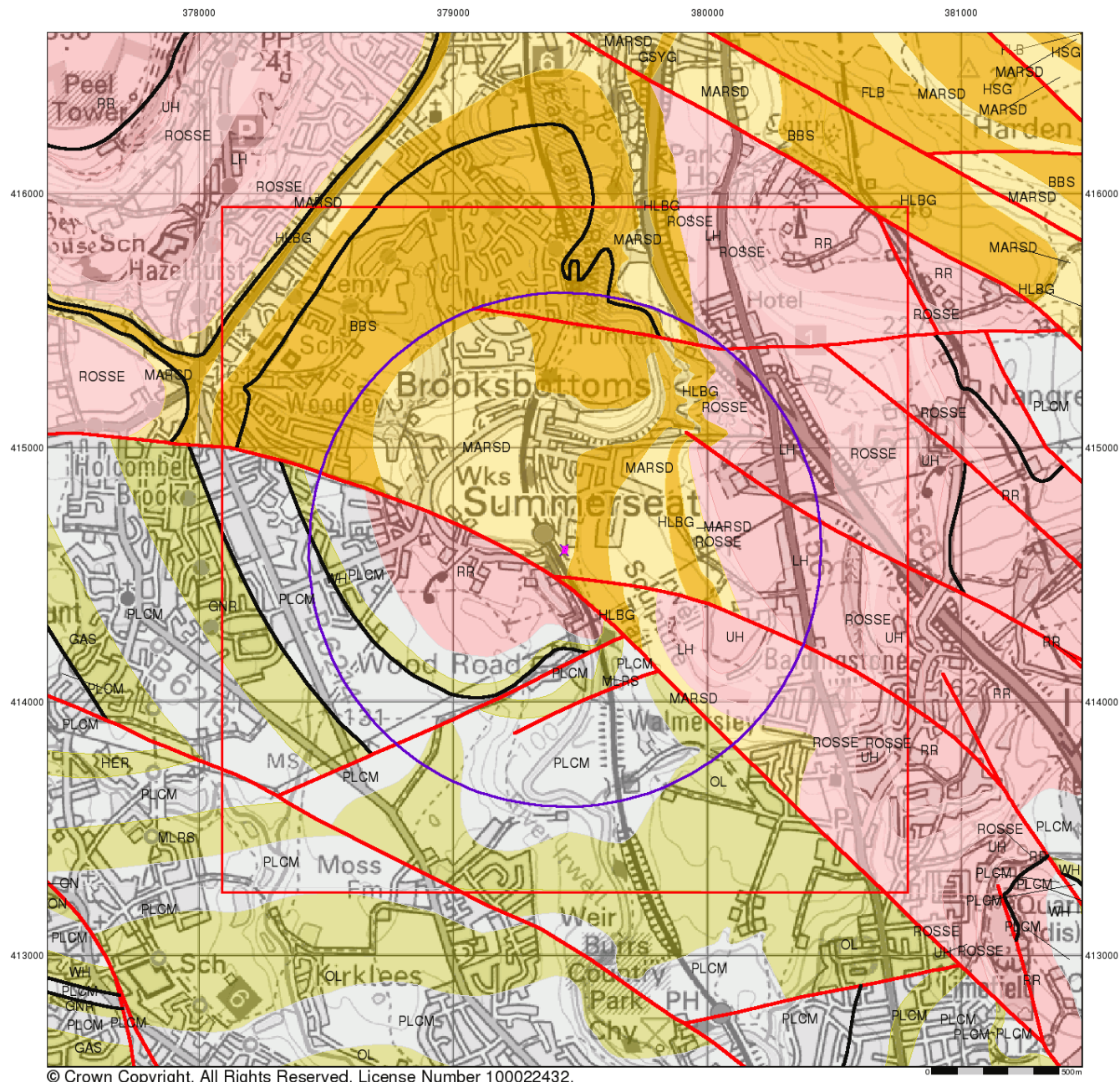
Site Details:

The Engine Shed, Rowlands Road, RAMSBOTTOM, BL9 5QY



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Bedrock and Faults

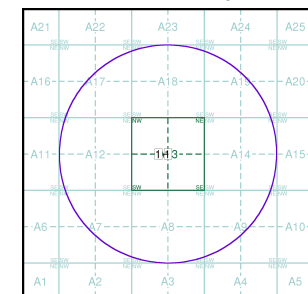
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

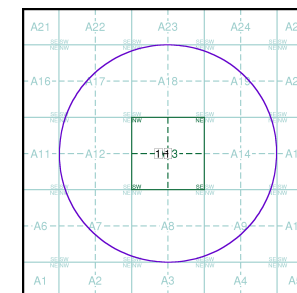
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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Combined Geology Map - Slice A



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