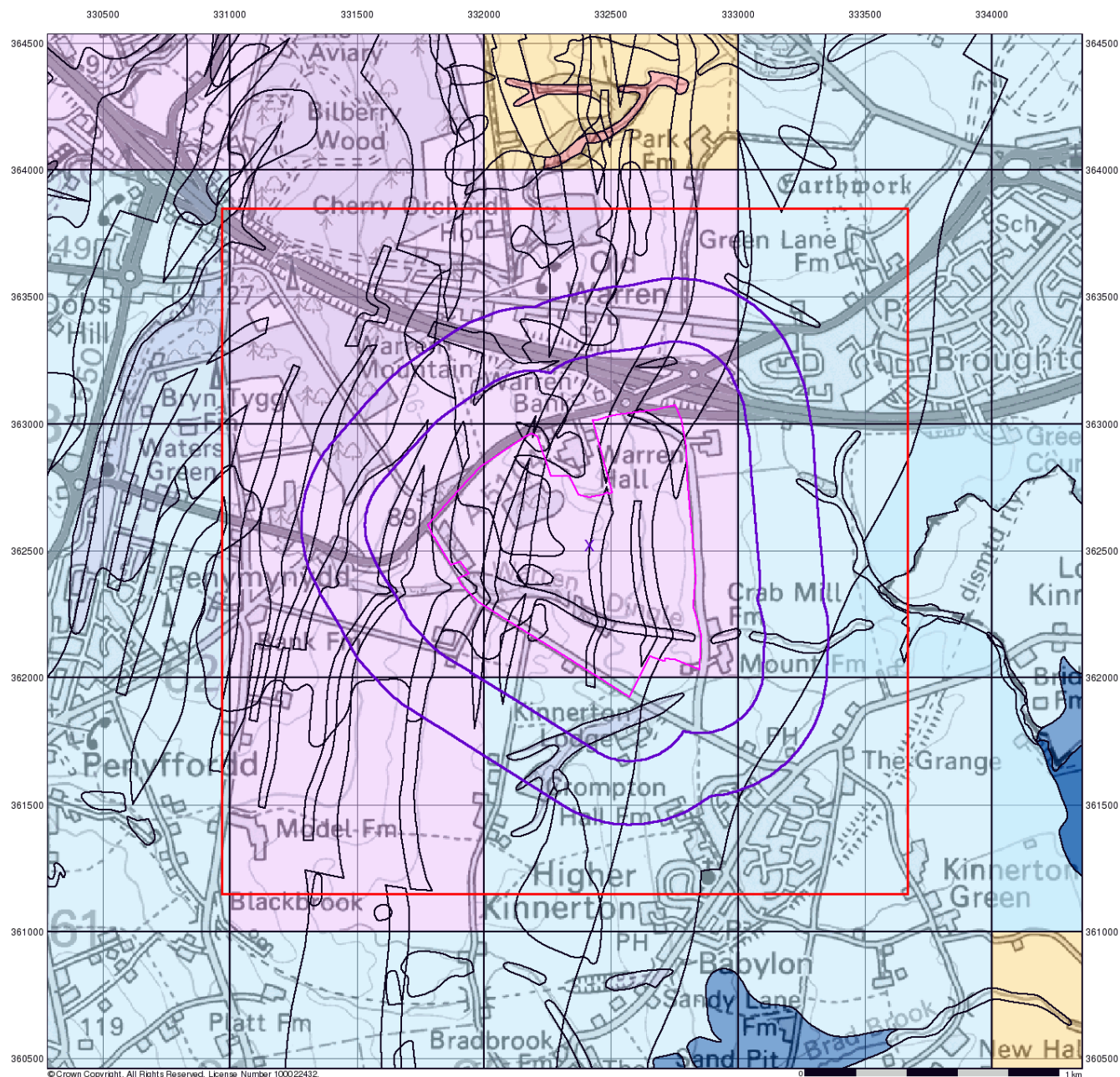




## **APPENDIX E – ENVIROCHECK REPORT**

### **Part 2**



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# Envirocheck®

LANDMARK INFORMATION 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

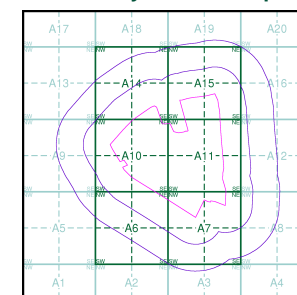
#### Superficial Aquifers

- 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

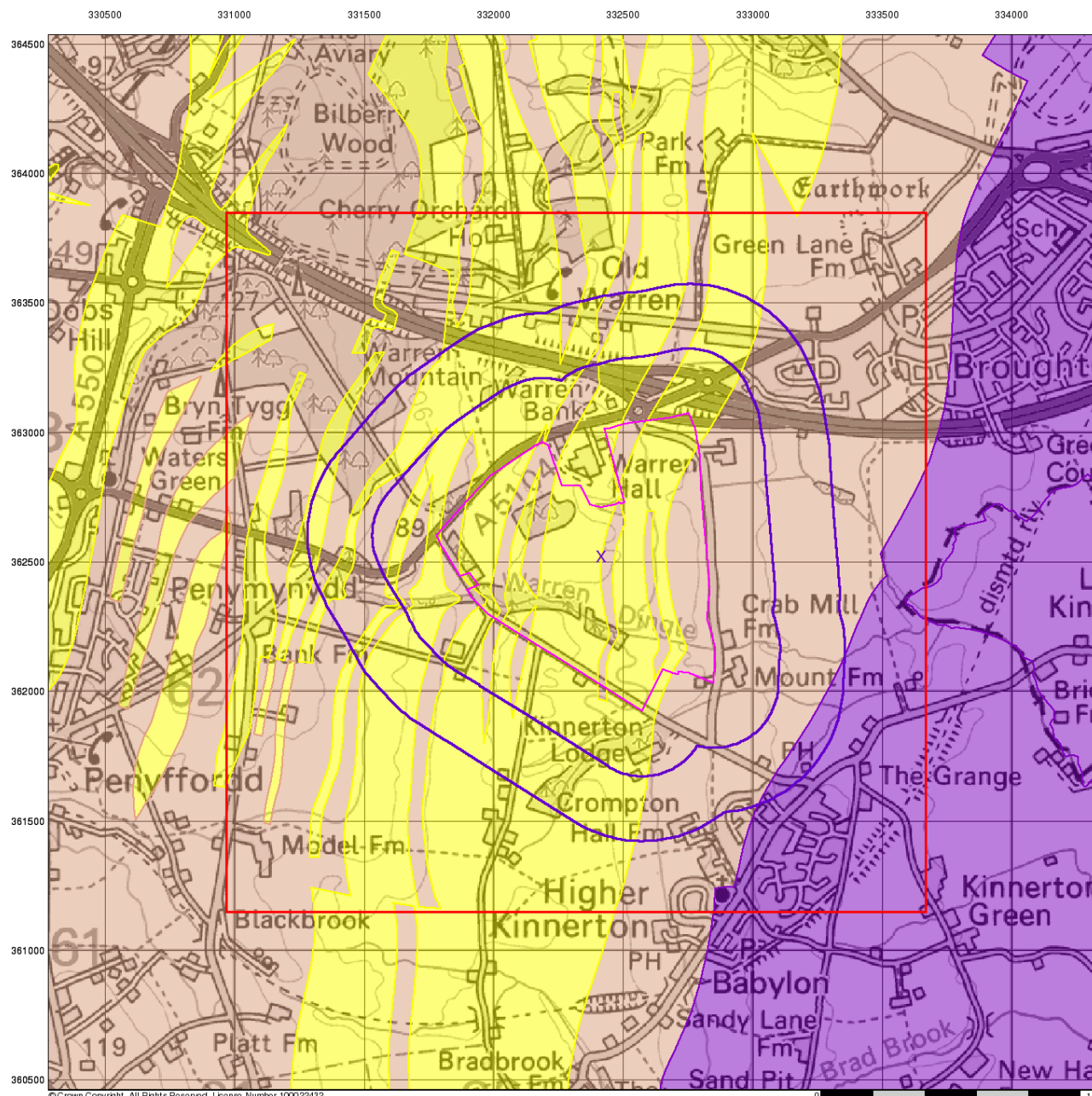
Order Number: 201766376\_1\_1  
 Customer Ref: Warren Hall  
 National Grid Reference: 332420, 362520  
 Slice: A  
 Site Area (Ha): 75.29  
 Search Buffer (m): 500

### Site Details

Warren Hall

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0 1 km

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## Bedrock Aquifer Designation

### General

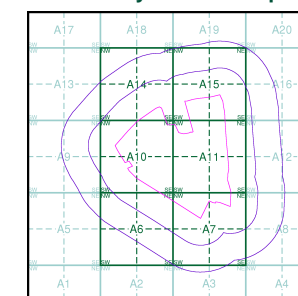
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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: 201766376\_1\_1  
 Customer Ref: Warren Hall  
 National Grid Reference: 332420, 362520  
 Slice: A  
 Site Area (Ha): 75.29  
 Search Buffer (m): 500

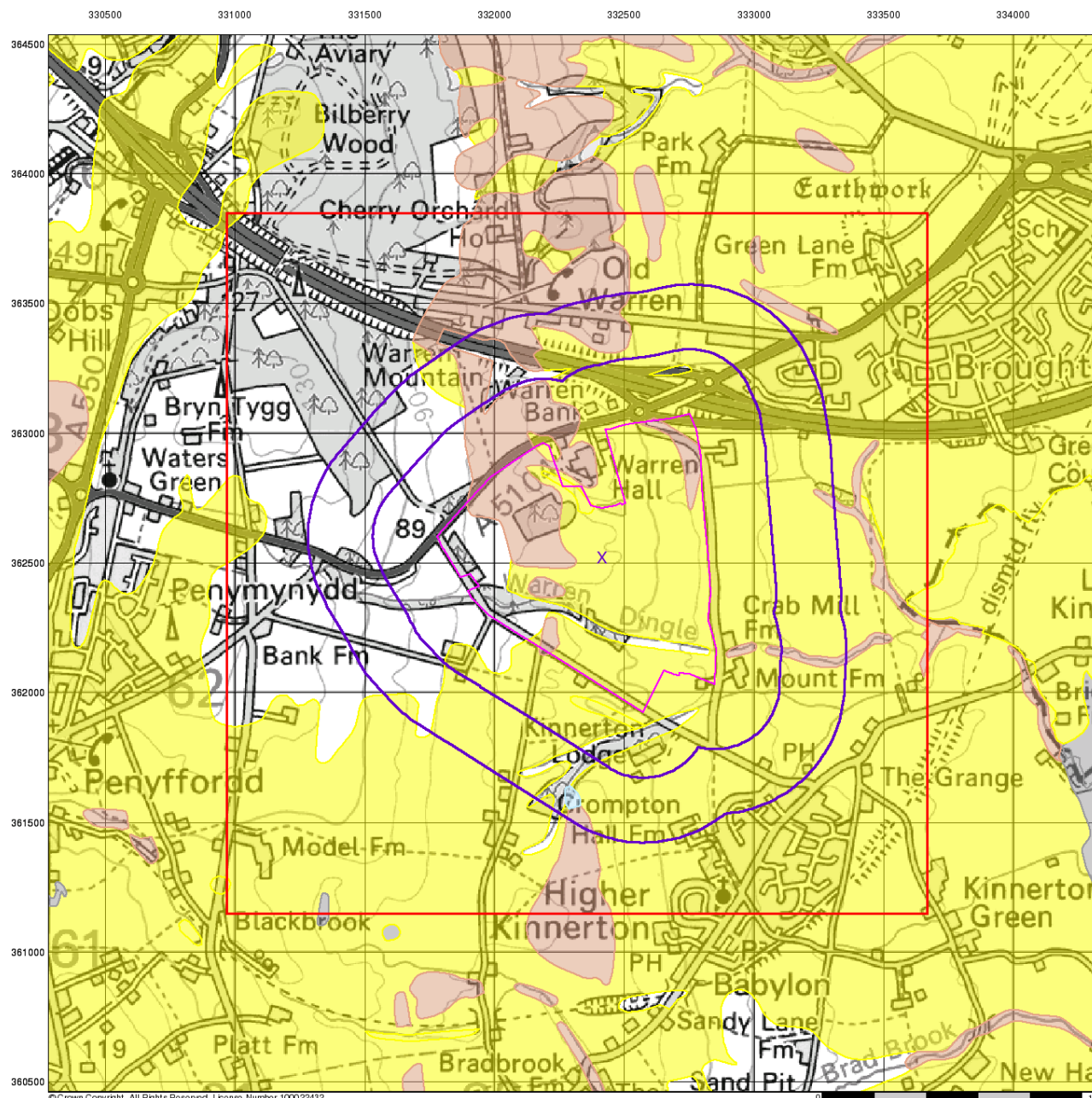
### Site Details

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## Superficial Aquifer Designation

### General

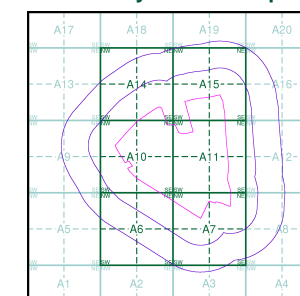
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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

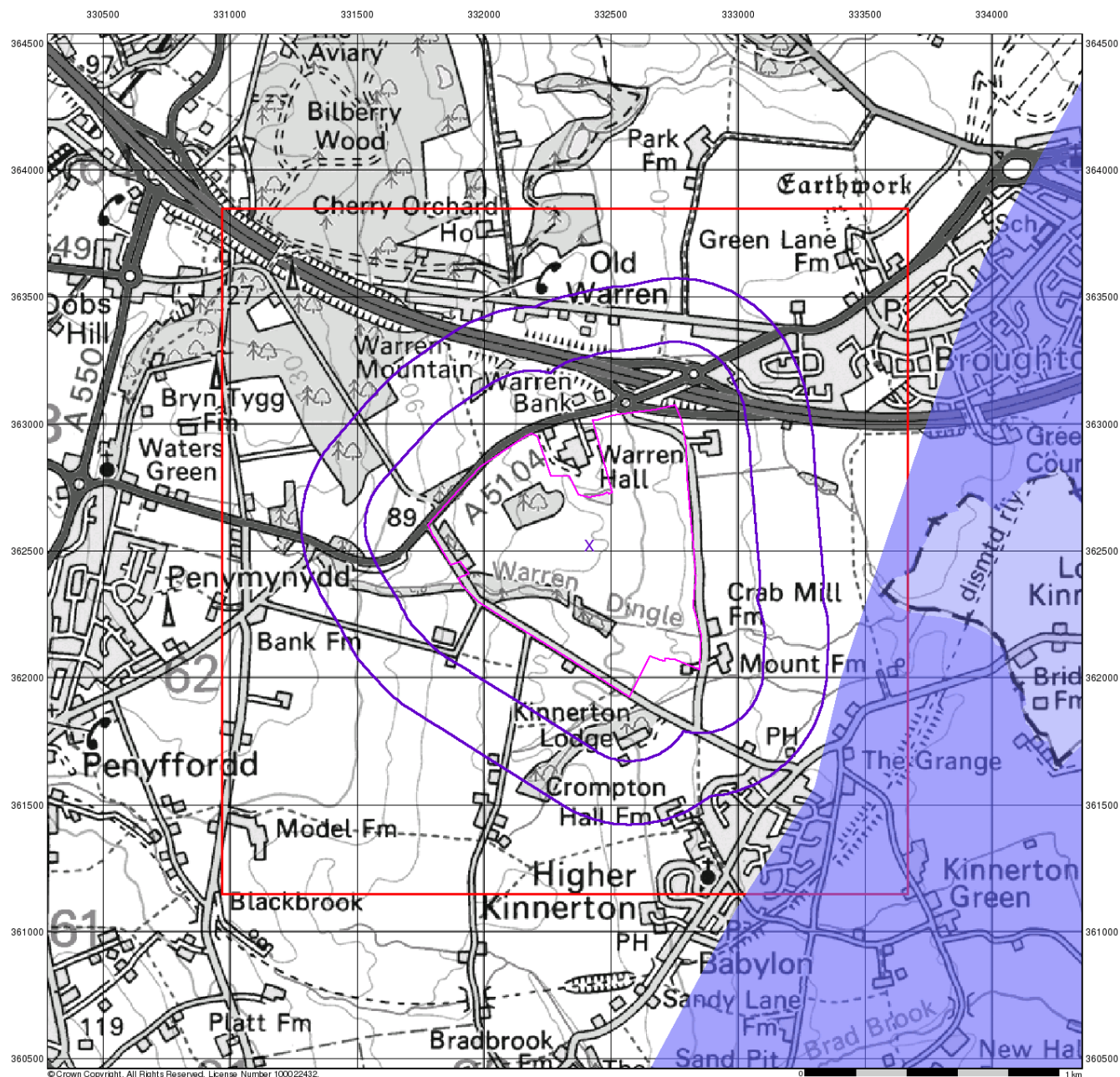
Order Number: 201766376\_1\_1  
 Customer Ref: Warren Hall  
 National Grid Reference: 332420, 362520  
 Slice: A  
 Site Area (Ha): 75.29  
 Search Buffer (m): 500

### Site Details

Warren Hall

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## Source Protection Zones

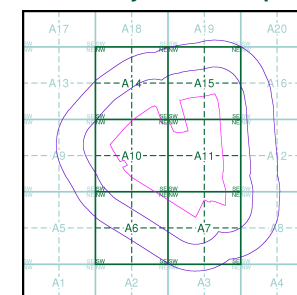
### General

- 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: 201766376\_1\_1  
 Customer Ref: Warren Hall  
 National Grid Reference: 332420, 362520  
 Slice: A  
 Site Area (Ha): 75.29  
 Search Buffer (m): 500

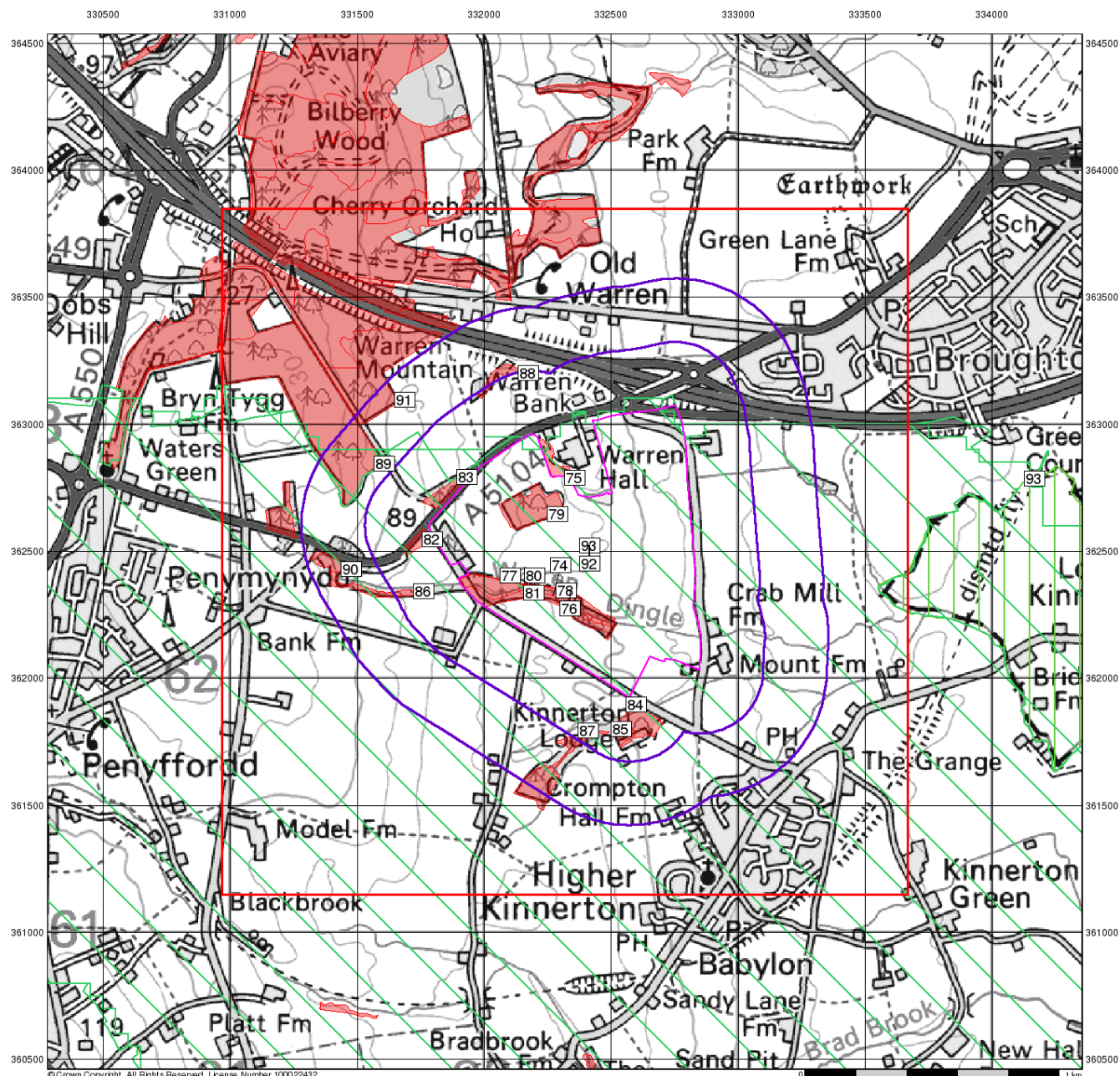
### Site Details

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## Sensitive Land Uses

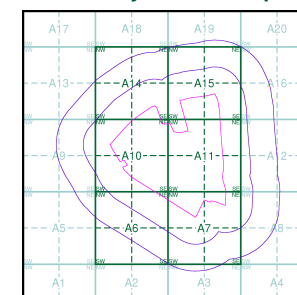
### General

- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B 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
- N 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

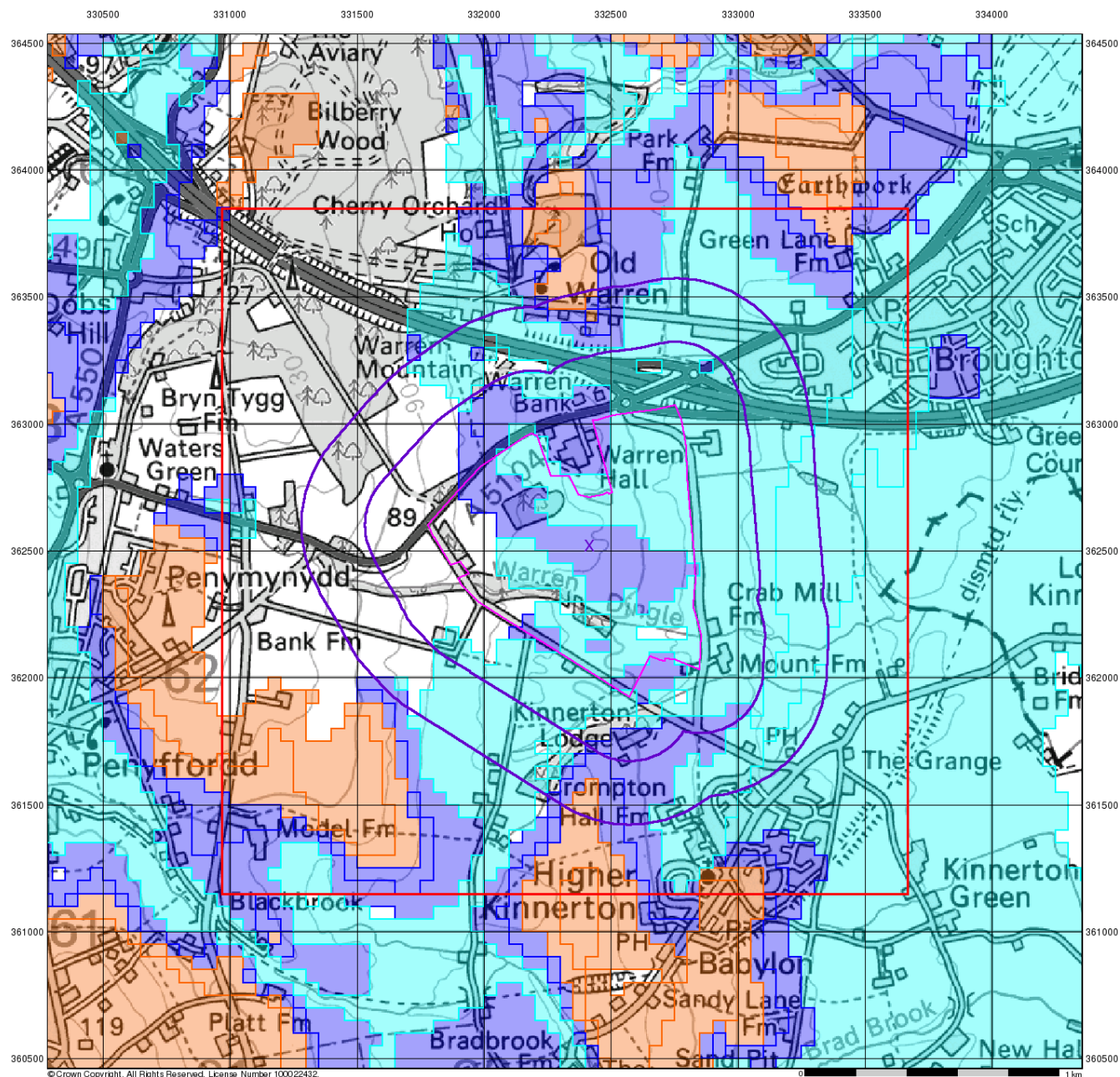
Order Number: 201766376\_1\_1  
 Customer Ref: Warren Hall  
 National Grid Reference: 332420, 362520  
 Slice: A  
 Site Area (Ha): 75.29  
 Search Buffer (m): 500

### Site Details

Warren Hall

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## BGS Flood GFS Data

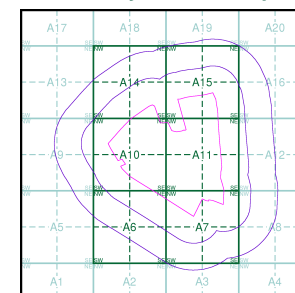
### General

- ◇ Specified Site
- Specified Buffer(s)
- X 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: 201766376\_1\_1  
 Customer Ref: Warren Hall  
 National Grid Reference: 332420, 362520  
 Slice: A  
 Site Area (Ha): 75.29  
 Search Buffer (m): 500

## Site Details

Warren Hall

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 Fax: 0844 844 9951  
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## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

201766376\_1\_1

**Customer Reference:**

Warren Hall

**National Grid Reference:**

332420, 362520

**Slice:**

A

**Site Area (Ha):**

75.29

**Search Buffer (m):**

500

#### Site Details:

Warren Hall

#### Client Details:

Mr A Lamb  
WYG Engineering Ltd  
Quay West  
Trafford Wharf Road  
Trafford Park  
Manchester  
M17 1HH



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	27
Hazardous Substances	-
Geological	29
Industrial Land Use	34
Sensitive Land Use	35
Data Currency	37
Data Suppliers	42
Useful Contacts	43

### 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 (*up to 1000m)
<b>Agency &amp; Hydrological</b>				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 2		5	2
Prosecutions Relating to Controlled Waters			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 4	Yes		
Pollution Incidents to Controlled Waters	pg 4			1
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 4		2	(*3)
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 5	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a
Superficial Aquifer Designations	pg 19	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences				n/a
Flooding from Rivers or Sea without Defences				n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 20	1	36	20



Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
<b>Waste</b>				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 27	1		1
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)	pg 27		1	
Local Authority Landfill Coverage	pg 27	1	n/a	n/a
Local Authority Recorded Landfill Sites				
Registered Landfill Sites	pg 27	2		
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
<b>Hazardous Substances</b>				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
<b>Geological</b>				
BGS 1:625,000 Solid Geology	pg 29	Yes	n/a	n/a
BGS Recorded Mineral Sites	pg 29		2	1
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain	pg 29	Yes		n/a
Potential for Collapsible Ground Stability Hazards	pg 29	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 30	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 30	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 31	Yes		n/a
Radon Potential - Radon Affected Areas	pg 32	Yes	n/a	n/a
Radon Potential - Radon Protection Measures	pg 32	Yes	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
<b>Industrial Land Use</b>				
Contemporary Trade Directory Entries	pg 34			2
Fuel Station Entries				
Gas Pipelines				
Underground Electrical Cables				
<b>Sensitive Land Use</b>				
Ancient Woodland	pg 35	8	7	3
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 36	2		
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
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (N)	0	1	332415 362600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (S)	0	1	332300 362200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	0	1	332415 362150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	0	1	332650 362100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (SW)	0	1	332350 362450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (SE)	0	1	332415 362521
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NW (S)	78	1	332600 361850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (NW)	91	1	332000 362950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	123	1	332500 361800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (NE)	160	1	332850 363200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	235	1	332415 361700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SE)	238	1	333000 361850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (E)	255	1	333150 362521
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	258	1	332415 363300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	281	1	332400 361700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SW (S)	308	1	332350 361700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	314	1	332415 363350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NE (NW)	321	1	332050 363250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	342	1	332000 363250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SW (S)	346	1	332415 361600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	351	1	332350 361650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	372	1	332415 363400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6SE (S)	377	1	332300 361650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SE)	377	1	333250 362000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	382	1	332400 363400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NW (SW)	407	1	331700 362000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	421	1	332415 363450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	424	1	332250 363400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	431	1	332400 363450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (SW)	443	1	331700 361950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	462	1	332300 361550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	463	1	332450 363500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	470	1	332250 363450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NW)	480	1	331750 363250
1	<b>Discharge Consents</b> Operator: Warren Hall Court Management Co Ltd Property Type: Domestic Property (Multiple) Location: Warren Farm Development Broughton, Chester, England Authority: Natural Resources Wales Catchment Area: PULFORD BROOK Reference: Cm0163301 Permit Version: 5 Effective Date: 31st August 2002 Issued Date: 30th August 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of Brad Brook <b>Status: Effective</b> Positional Accuracy: Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
1	<b>Discharge Consents</b> Operator: Warren Hall Court Management Co Ltd Property Type: Domestic Property (Multiple) Location: Warren Farm Development Broughton, Chester, England Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0163301 Permit Version: 4 Effective Date: 31st December 1996 Issued Date: 30th December 1996 Revocation Date: 30th August 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Not Supplied Receiving Water: Tributary Of Brad Brook <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m	A15SW (N)	57	2	332370 363010



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Discharge Consents</b> Operator: Warren Hall Court Management Co Ltd Property Type: Domestic Property (Multiple) Location: Warren Farm Development Broughton, Chester, England Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0163301 Permit Version: 3 Effective Date: 3rd June 1994 Issued Date: 3rd June 1994 Revocation Date: 30th December 1996 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Tributary Of Brad Brook <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
1	<b>Discharge Consents</b> Operator: Warren Hall Court Management Co Ltd Property Type: Domestic Property (Multiple) Location: Warren Farm Development Broughton, Chester, England Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0163301 Permit Version: 2 Effective Date: 27th July 1992 Issued Date: 27th July 1992 Revocation Date: 2nd June 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Tributary Of Brad Brook <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
1	<b>Discharge Consents</b> Operator: Warren Hall Court Management Co Ltd Property Type: Domestic Property (Multiple) Location: Warren Farm Development Broughton, Chester, England Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0163301 Permit Version: 1 Effective Date: 9th November 1988 Issued Date: 9th November 1988 Revocation Date: 26th July 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Tributary Of Brad Brook <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
2	<b>Discharge Consents</b> Operator: Kinnerton Property Management Limited Property Type: Domestic Property (Multiple) Location: Plots 1 To 5 Kinnerton Lane, Higher Kinnerton, Flintshire, Ch7 4ed Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cg0427401 Permit Version: 1 Effective Date: 1st February 2005 Issued Date: 30th November 2004 Revocation Date: 15th September 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Brad Brook <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A8SW (SE)	491	2	333102 361613

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<b>Discharge Consents</b> Operator: Alyn & Deeside District Council Property Type: Undefined Or Other Location: Residential Devmt Higher Kinnerto, Higher Kinnerton Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0064201 Permit Version: 1 Effective Date: 17th February 1971 Issued Date: 17th February 1971 Revocation Date: 5th April 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib./Moor Drain-Pulf <b>Status: Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	500	2	333330 361900
	<b>Nearest Surface Water Feature</b>	A11SW (S)	0	-	332333 362289
4	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Adjacent To Playing Fields, BROUGHTON Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: River Dee Incident Date: 11th August 1997 Incident Reference: 33726 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	333	3	333100 363100
5	<b>Water Abstractions</b> Operator: Mr E Moore Licence Number: 24/67/9/0095 Permit Version: 100 Location: Borehole Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd May 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SE)	30	3	332880 362100
6	<b>Water Abstractions</b> Operator: Mr D H Maxwell Licence Number: 24/67/9/0049 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 832 Details: Not Supplied 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	A15SW (N)	137	3	332320 363100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Mr S Handley Licence Number: 24/67/9/0029 Permit Version: 100 Location: Borehole Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (SE)	754	3	333400 361520
	<b>Water Abstractions</b> Operator: Mr J H Mullock Licence Number: 24/67/9/0117 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied 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	(E)	898	3	333750 362221
	<b>Water Abstractions</b> Operator: Mr D Crow Licence Number: 24/67/10/0007 Permit Version: 100 Location: Well Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NW (N)	968	3	332550 364020
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial Thickness: 3-10m Superficial Recharge: High	A15SW (N)	0	2	332590 363026



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A15SW (N)	0	2	332586 363028
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A15SW (N)	0	2	332571 363000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A15SW (N)	0	2	332415 363000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A15SW (N)	0	2	332598 363051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A15SW (N)	0	2	332481 363000
	<b>Groundwater Vulnerability Map</b> 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: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial <3m Thickness: Superficial Low Recharge:	A7NW (S)	0	2	332402 362000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A10NE (W)	0	2	332000 362668
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A14SE (NW)	0	2	332192 362947

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A14SE (NW)	0	2	332159 362937
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (SW)	0	2	332237 362283
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (SW)	0	2	332153 362373
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (SW)	0	2	332264 362402



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A15SE (NE)	0	2	332732 362846
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10NE (W)	0	2	332315 362504
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10NE (W)	0	2	332127 362578
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10NE (W)	0	2	332037 362622

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A14SE (NW)	0	2	332241 362892
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (W)	0	2	332178 362443
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10NE (W)	0	2	332188 362536
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10NE (W)	0	2	332083 362610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A14SE (NW)	0	2	332245 362859
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11SW (S)	0	2	332473 362195
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (SW)	0	2	332277 362287
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (SW)	0	2	332166 362356

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10NE (NW)	0	2	332171 362815
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A14SE (NW)	0	2	332125 362863
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11NW (SE)	0	2	332415 362521
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A15SE (NE)	0	2	332787 362941



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (SW)	0	2	332138 362207
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11SW (SE)	0	2	332639 362167
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11NW (E)	0	2	332578 362524
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11SW (S)	0	2	332444 362204

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11NW (E)	0	2	332418 362520
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (SW)	0	2	332168 362369
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10SE (W)	0	2	332183 362481
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A10NE (NW)	0	2	332230 362789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11NW (N)	0	2	332480 362767
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11NE (E)	0	2	332663 362531
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11NE (NE)	0	2	332751 362710
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A11SE (SE)	0	2	332737 362189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A10NE (W)	0	2	332000 362521
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A10SW (W)	0	2	331870 362362
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A10SW (W)	0	2	331972 362358
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A10SE (W)	0	2	332000 362455



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A11SE (SE)	0	2	332677 362197
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A11SW (S)	0	2	332480 362232
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A10SE (SW)	0	2	332021 362321
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A10SE (SW)	0	2	332316 362310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A10NE (W)	0	2	332033 362605
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A10SE (SW)	0	2	332163 362328
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A11SW (SE)	0	2	332632 362204
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	A11SW (S)	0	2	332443 362243

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: High	A10NE (W)	0	2	332064 362516
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10SE (SW)	0	2	332163 362328
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A11NW (E)	0	2	332578 362524
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A11NW (E)	0	2	332418 362520
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10SW (W)	0	2	331972 362358
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10NE (W)	0	2	332188 362536
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A11NW (N)	0	2	332480 362767
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A11NE (E)	0	2	332663 362531
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NW (SE)	0	2	332415 362521
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10SE (SW)	0	2	332237 362283
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10SE (SW)	0	2	332264 362402
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A11NE (NE)	0	2	332751 362710
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10NE (W)	0	2	332315 362504
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NW (N)	0	2	332364 362690
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A14SE (NW)	0	2	332241 362892
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NW (SE)	0	2	332415 362521
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2738.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A10SE (SW)	0	5	332274 362325
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 169.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A10SW (SW)	8	5	331972 362292
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 290.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A11NE (NE)	11	5	332813 362769
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 458.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A6NE (S)	61	5	332313 361974
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	66	5	332556 361860
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A7NW (S)	66	5	332554 361860
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	74	5	332609 361858
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 111.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	75	5	332856 361954



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	80	5	332838 361948
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	86	5	332789 361930
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 88.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	86	5	332594 361840
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	95	5	332653 361869
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 116.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	97	5	332715 361898
20	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 60.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A7NW (S)	106	5	332496 361847
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	120	5	332956 361982
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	122	5	332513 361817
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 468.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	126	5	332962 361981

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 31.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A10SW (SW)	129	5	331921 362182
25	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	129	5	332764 361928
26	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 54.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	130	5	332446 361817
27	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	137	5	332763 361919
28	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	138	5	332758 361916
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 53.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	154	5	332227 363110
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 53.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	157	5	332274 363092
31	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 113.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	158	5	332446 361817
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 59.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A6NW (SW)	160	5	331907 362153

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 338.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	165	5	332580 363244
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 47.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	192	5	332255 363141
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	200	5	332580 363244
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 252.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	205	5	332567 363248
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 189.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	205	5	332378 363235
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 53.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	210	5	332289 363173
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	219	5	332328 363210
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	226	5	332378 363235
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 472.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SW (NW)	239	5	331975 363112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 264.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	239	5	332348 363240
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 189.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NE (NE)	244	5	332910 363260
44	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	259	5	332333 361764
45	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	259	5	332349 361759
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 662.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	263	5	332332 361765
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 465.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	284	5	332346 361731
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 86.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (NW)	296	5	332091 363240
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	301	5	333101 362801
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 90.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	309	5	333110 362802



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	318	5	332324 363316
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 55.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (N)	360	5	332281 363344
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (NW)	373	5	332026 363296
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A14NE (NW)	373	5	332026 363296
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 209.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (NW)	376	5	332022 363298
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 185.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	383	5	333198 362816
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 271.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	400	5	333199 362812
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 191.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (N)	405	5	332233 363371
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 78.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SE (W)	411	5	331392 362463

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SE (W)	412	5	331392 362463
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 119.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A16NW (NE)	432	5	333054 363382
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 483.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8NW (SE)	454	5	333287 361858
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SE (W)	466	5	331328 362491

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<b>Historical Landfill Sites</b> Licence Holder: A McAlpine and Son Northern Limited Location: Mold Road, Broughton Name: Land at Leicester Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15103 First Input Date: 31st December 1982 Last Input Date: 31st December 1984 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6835/0047 BGS Ref: Not Supplied Other Ref: 131/82	A15SE (NE)	0	2	332665 363034
65	<b>Historical Landfill Sites</b> Licence Holder: Alyn and Deeside District Council Location: Penyffordd Name: Chester Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14240 First Input Date: 31st December 1970 Last Input Date: 31st December 1979 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6835/0114 BGS Ref: Not Supplied Other Ref: Not Supplied	A9NW (W)	499	2	331288 362517
66	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: FB3734RP Location: P M Dromgoole & Sons Agricultural Ltd, Broughton Cottage Farm, Mold Road, Nr Mold, Flintshire, Flintshire, CH4 0EW Operator Name: P M Dromgoole & Sons Agricultural Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Not Supplied <b>Licence Status: Effective</b> Issued: 5th June 2013 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	A15SW (N)	151	2	332331 363132
	<b>Local Authority Landfill Coverage</b> Name: Flintshire Council - Has supplied landfill data		0	6	332415 362521
67	<b>Registered Landfill Sites</b> Licence Holder: Alfred Macalpine Licence Reference: 114/82 Site Location: Warren Farm, Mold Road, Broughton, Chester, Cheshire Licence Easting: 332500 Licence Northing: 362900 Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1982 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Excavated Natural Materials \$	A11NW (N)	0	3	332479 362802

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	<b>Registered Landfill Sites</b> Licence Holder: Alfred Macalpine Licence Reference: 113/82 Site Location: Leicesters Lane, Mold Road, Broughton, Chester, Cheshire Licence Easting: 332700 Licence Northing: 363050 Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1982 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Excavated Natural Materials \$	A15SE (NE)	0	3	332700 363050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Millstone Grit Group [See Also Migr]	A11NW (SE)	0	1	332415 362521
69	<b>BGS Recorded Mineral Sites</b> Site Name: Warren Mountain Location: Warren Mountain, Penyffordd, Mold, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 105033 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Bowland Shale Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A10NW (W)	40	1	331789 362672
70	<b>BGS Recorded Mineral Sites</b> Site Name: Bryn-Teg Quarry Location: Wrexham, Clwyd Source: British Geological Survey, National Geoscience Information Service Reference: 6199 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Cefn-y-Fedw Sandstone Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A10SW (W)	151	1	331673 362477
71	<b>BGS Recorded Mineral Sites</b> Site Name: Warren Mountain Sand Pit Location: Penymynydd, Penyffordd, Mold, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 105195 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A14NE (N)	389	1	332083 363334
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	332663 362531
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	332480 362767
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332188 362536
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	0	1	331972 362358
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	332418 362520
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	332578 362524
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	332163 362328
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	1	332509 362224



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	40	1	332899 362157
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	191	1	333049 362171
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	332531 363027
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	40	1	332899 362157
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	191	1	333049 362171
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	0	1	331870 362362
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	332677 362197
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	0	1	332611 362208
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	1	332480 362232
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	332316 362310
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332033 362605
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	1	332509 362224
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	51	1	332619 361888
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	63	1	332663 361941
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	158	1	332703 363225
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14SW (NW)	212	1	331966 363073
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	332316 362310
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	40	1	332899 362157
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	51	1	332642 361897
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	158	1	332599 363226
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	191	1	333049 362171
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SW (NW)	212	1	331966 363073
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SE (NW)	0	1	332241 362892
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	1	332443 362243
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	332163 362328
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	332737 362189
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	0	1	332632 362204
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	332242 362241
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	332369 362788
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	332751 362710
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332188 362536
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	0	1	331972 362358
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332083 362610
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332315 362504
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	332178 362443
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	35	1	331745 362601

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	58	1	332642 361897
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SW (NW)	155	1	331723 362847
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	158	1	332599 363226
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332275 362526
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	332415 362626
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	332675 362676
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	0	1	332000 362751
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	332800 362251
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	332300 362201
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	0	1	332800 362126
	<b>Radon Potential - Radon Affected Areas</b> 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	A11NW (SE)	0	1	332415 362521
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A15SW (NE)	0	1	332650 362876
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	332550 362951
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	332400 362521
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	1	332600 361976
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	1	332400 362051
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332275 362526

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	332415 362626
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	332675 362676
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	0	1	332000 362751
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	332800 362251
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	332300 362201
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	0	1	332800 362126
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A15SW (NE)	0	1	332650 362876
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	332550 362951
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	332400 362521
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	1	332600 361976
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	1	332400 362051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	<b>Contemporary Trade Directory Entries</b> Name: Prime Care Carpet Cleaning Location: 49, Mold Road, Broughton, Chester, Cheshire, CH4 0PQ Classification: Carpet, Curtain & Upholstery Cleaners <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A16NW (NE)	405	-	333091 363294
73	<b>Contemporary Trade Directory Entries</b> Name: Cleaned N Dry Location: 6, Woodfield Close, Broughton, Chester, CH4 0FE Classification: Carpet, Curtain & Upholstery Cleaners <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A16SW (NE)	482	-	333252 363101



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	<b>Ancient Woodland</b> Name: Not Supplied Reference: 29374 Area(m²): 8496.43 Type: Ancient and Semi-Natural Woodland	A10SE (SW)	0	2	332273 362326
75	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37630 Area(m²): 6932.52 Type: Restored Ancient Woodland Site	A11NW (N)	0	2	332357 362788
76	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37624 Area(m²): 8322.06 Type: Restored Ancient Woodland Site	A11SW (SW)	0	2	332337 362343
77	<b>Ancient Woodland</b> Name: Not Supplied Reference: 45531 Area(m²): 14599.34 Type: Plantation on Ancient Woodland	A10SE (SW)	0	2	332198 362366
78	<b>Ancient Woodland</b> Name: Not Supplied Reference: 31183 Area(m²): 7321.41 Type: Restored Ancient Woodland Site	A11SW (SW)	0	2	332321 362344
79	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37627 Area(m²): 25515.81 Type: Restored Ancient Woodland Site	A10NE (NW)	0	2	332289 362646
80	<b>Ancient Woodland</b> Name: Not Supplied Reference: 47304 Area(m²): 803.36 Type: Plantation on Ancient Woodland	A10SE (SW)	0	2	332198 362370
81	<b>Ancient Woodland</b> Name: Not Supplied Reference: 45047 Area(m²): 8143 Type: Plantation on Ancient Woodland	A10SE (SW)	0	2	332195 362337
82	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37626 Area(m²): 5020.96 Type: Restored Ancient Woodland Site	A10NW (W)	11	2	331796 362545
83	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37629 Area(m²): 7229.49 Type: Restored Ancient Woodland Site	A10NW (NW)	14	2	331930 362791
84	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37623 Area(m²): 14813.85 Type: Restored Ancient Woodland Site	A7NW (S)	38	2	332598 361895
85	<b>Ancient Woodland</b> Name: Not Supplied Reference: 34471 Area(m²): 2625.22 Type: Ancient and Semi-Natural Woodland	A7SW (S)	125	2	332538 361800
86	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37625 Area(m²): 7893.26 Type: Restored Ancient Woodland Site	A10SW (W)	143	2	331762 362343
87	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37622 Area(m²): 22485.81 Type: Restored Ancient Woodland Site	A7SW (S)	156	2	332407 361794

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37631 Area(m²): 6282.16 Type: Restored Ancient Woodland Site	A14NE (N)	224	2	332174 363200
89	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37635 Area(m²): 166009.19 Type: Restored Ancient Woodland Site	A13SE (W)	292	2	331606 362845
90	<b>Ancient Woodland</b> Name: Not Supplied Reference: 31184 Area(m²): 6741.41 Type: Restored Ancient Woodland Site	A9SE (W)	349	2	331476 362429
91	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37638 Area(m²): 81197.62 Type: Restored Ancient Woodland Site	A14SW (NW)	399	2	331688 363095
92	<b>Nitrate Vulnerable Zones</b> Name: Pulford Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A11NW (SE)	0	4	332415 362521
93	<b>Nitrate Vulnerable Zones</b> Name: Not Supplied Description: Surface Water Source: Natural Resources Wales	A11NW (SE)	0	2	332415 362521

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Flintshire Council - Environmental Health Department Wrexham County Borough Council - Public Protection Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 August 2008  November 2013	Annual Rolling Update Annually Not Applicable  Annually
<b>Discharge Consents</b> Environment Agency - Welsh Region Natural Resources Wales	August 2014 January 2019	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North West Region Environment Agency - Welsh Region	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - North West Region Environment Agency - Welsh Region	October 2008 October 2008	Variable Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	January 2019 January 2019 January 2019	Quarterly Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008  July 2015	Variable Variable Not Applicable  Variable
<b>Local Authority Pollution Prevention and Controls</b> Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008  July 2015	Annual Rolling Update Annual Rolling Update Not Applicable  Annually
<b>Local Authority Pollution Prevention and Control Enforcements</b> Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008  July 2015	Variable Variable Not Applicable  Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	January 2019	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Welsh Region	December 1998	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013 March 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013 March 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Registered Radioactive Substances</b> Natural Resources Wales Environment Agency - North West Region Environment Agency - Welsh Region	January 2015 June 2016 June 2016	Annually

Agency & Hydrological	Version	Update Cycle
<b>Substantiated Pollution Incident Register</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	January 2019 January 2019 January 2019	Quarterly Quarterly Quarterly
<b>Water Abstractions</b> Natural Resources Wales Environment Agency - Welsh Region	February 2019 January 2019	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Natural Resources Wales Environment Agency - North West Region Environment Agency - Welsh Region	January 2019 October 2017 October 2017	Quarterly Quarterly Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office Natural Resources Wales	June 2018 June 2018	Annually Annually
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office Natural Resources Wales	January 2018 January 2018	Annually Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office Natural Resources Wales	January 2018 January 2018	Annually Annually
<b>Source Protection Zones</b> Environment Agency - Head Office Natural Resources Wales	January 2019 November 2016	Quarterly Annual Rolling Update
<b>Extreme Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	February 2019	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	February 2019	Quarterly
<b>Areas Benefiting from Flood Defences</b> Natural Resources Wales	February 2019	Quarterly
<b>Flood Water Storage Areas</b> Natural Resources Wales	February 2019	Quarterly
<b>Flood Defences</b> Natural Resources Wales	February 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	January 2019	Quarterly
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Natural Resources Wales	July 2017	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North West Region Environment Agency - Welsh Region	October 2008 October 2008	Not Applicable Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	January 2019 January 2019 January 2019	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Flintshire Council - Environmental Health Department Wrexham County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Wrexham County Borough Council Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Flintshire Council - Environmental Health Department	February 2005 June 2003 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2003 March 2003	Not Applicable Not Applicable



Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 January 2016 July 2008 October 2008	Variable Variable Variable Annual Rolling Update Not Applicable
<b>Planning Hazardous Substance Consents</b> Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 January 2016 July 2008 October 2008	Variable Variable Variable Annual Rolling Update Not Applicable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	January 2019	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	March 2019	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	
<b>Underground Electrical Cables</b> National Grid	December 2015	
Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England Natural Resources Wales	August 2018 August 2018	Bi-Annually Bi-Annually
<b>Areas of Adopted Green Belt</b> Chester City Council (now part of Cheshire West and Chester Council)	March 2019	As notified
<b>Areas of Unadopted Green Belt</b> Chester City Council (now part of Cheshire West and Chester Council)	March 2019	As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England Natural Resources Wales	August 2018 August 2018	Bi-Annually Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017 January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Flintshire Council Wrexham County Borough Council Natural England	August 2018 August 2018 March 2019	Bi-Annually Bi-Annually Bi-Annually
<b>Marine Nature Reserves</b> Natural Resources Wales	August 2018	Bi-Annually
<b>National Nature Reserves</b> Natural Resources Wales	August 2018	Bi-Annually
<b>National Parks</b> Natural England Natural Resources Wales	April 2017 August 2018	Bi-Annually Annually
<b>Nitrate Vulnerable Zones</b> Environment Agency - Head Office Natural Resources Wales The National Assembly for Wales - GI Services (Department of Planning & Countryside)	December 2017 July 2017 October 2005	Bi-Annually Bi-Annually
<b>Ramsar Sites</b> Natural Resources Wales	February 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural Resources Wales	March 2019	Bi-Annually
<b>Special Areas of Conservation</b> Natural Resources Wales	August 2018	Bi-Annually
<b>Special Protection Areas</b> Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

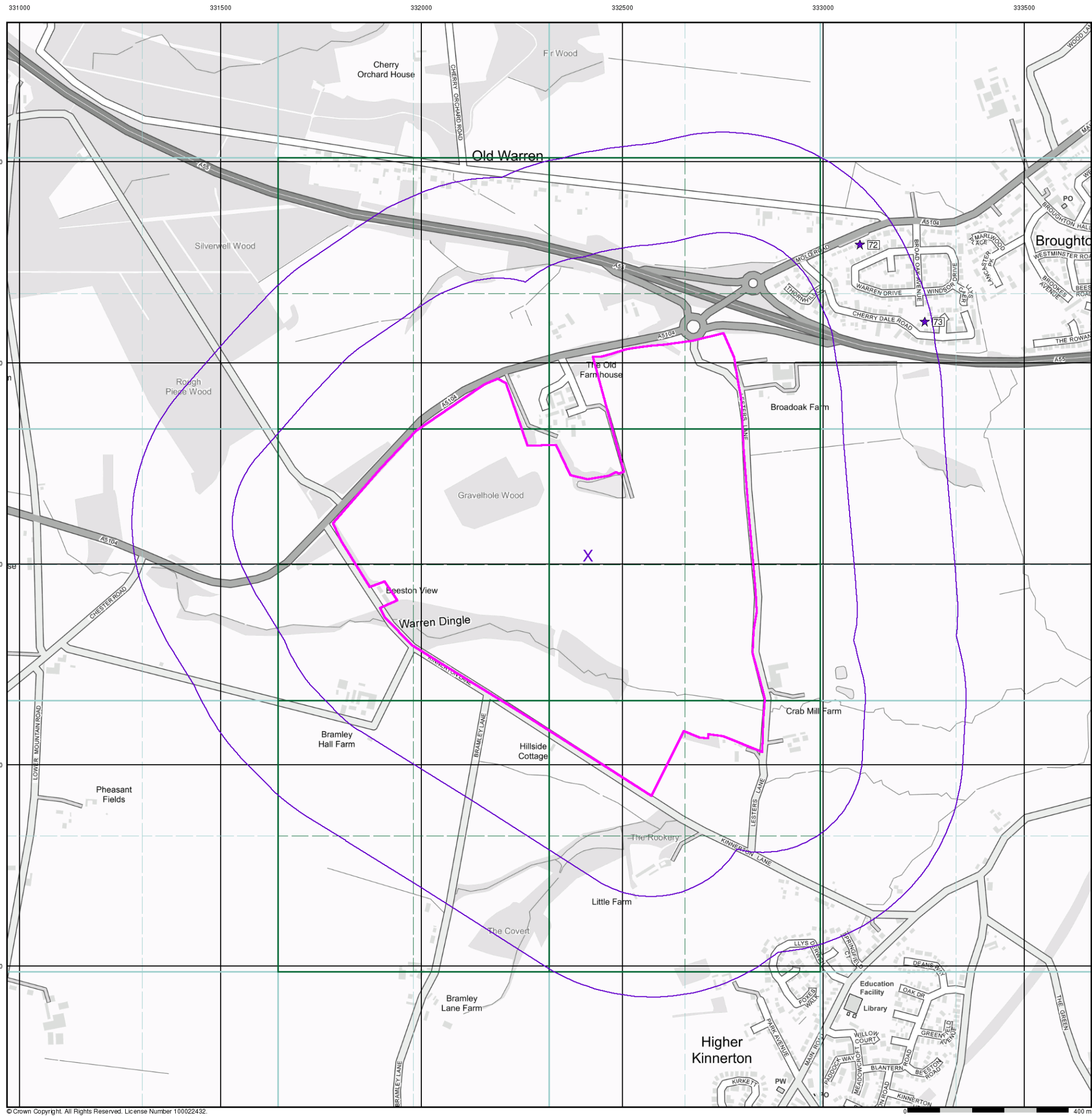
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> 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	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Flintshire Council - Environmental Health Department</b> County Hall, Mold, Flintshire, CH7 6NF	Telephone: 01352 703413 Fax: 01352 703441 Website: www.flintshire.gov.uk
7	<b>Chester City Council (now part of Cheshire West and Chester Council)</b> 58 Nicholas Street, Chester, Cheshire, CH1 2NP	Telephone: 0300 123 8123 Email: enquiries@cheshirewestandchester.gov.uk Website: www.cheshirewestandchester.gov.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> 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.







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## Industrial Land Use Map

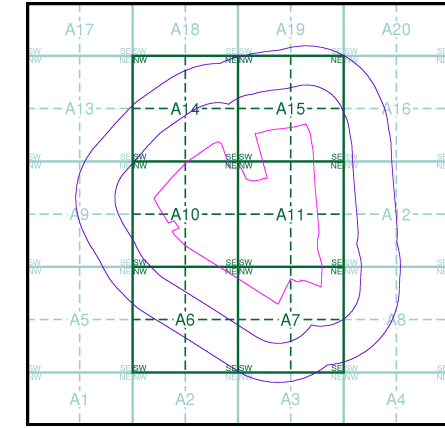
### General

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

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

## Industrial Land Use Map - Slice A

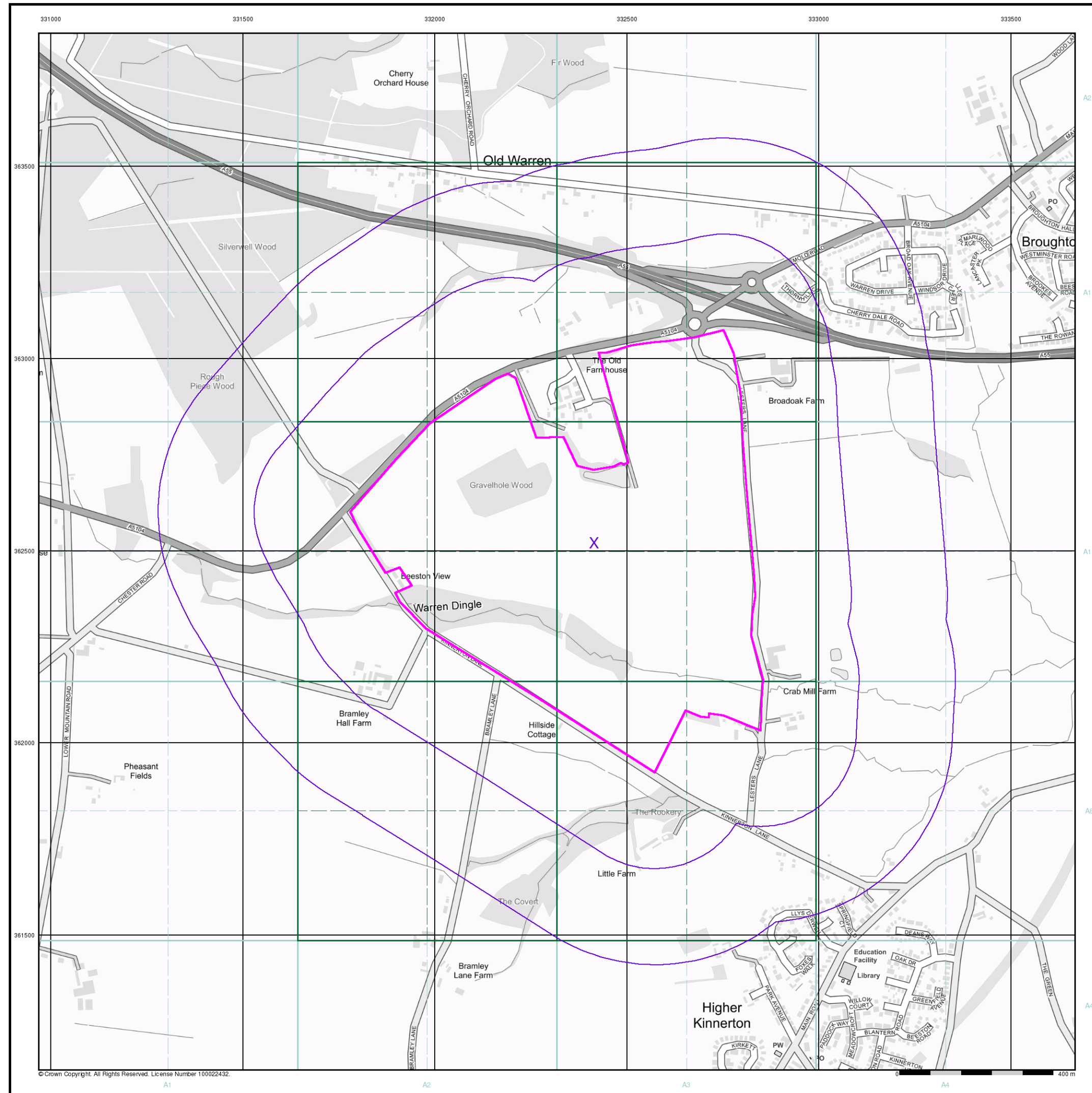


### Order Details

Order Number: 201766376\_1\_1  
Customer Ref: Warren Hall  
National Grid Reference: 332420, 362520  
Slice: A  
Site Area (Ha): 75.29  
Search Buffer (m): 500

### Site Details

Warren Hall



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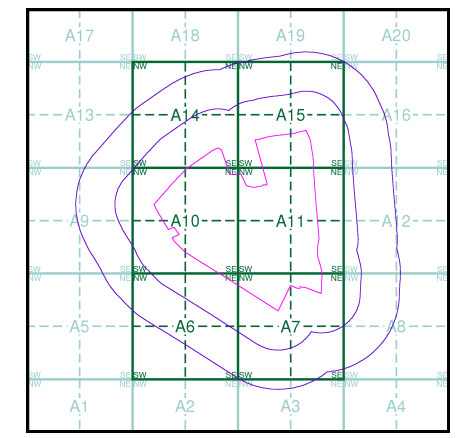
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A



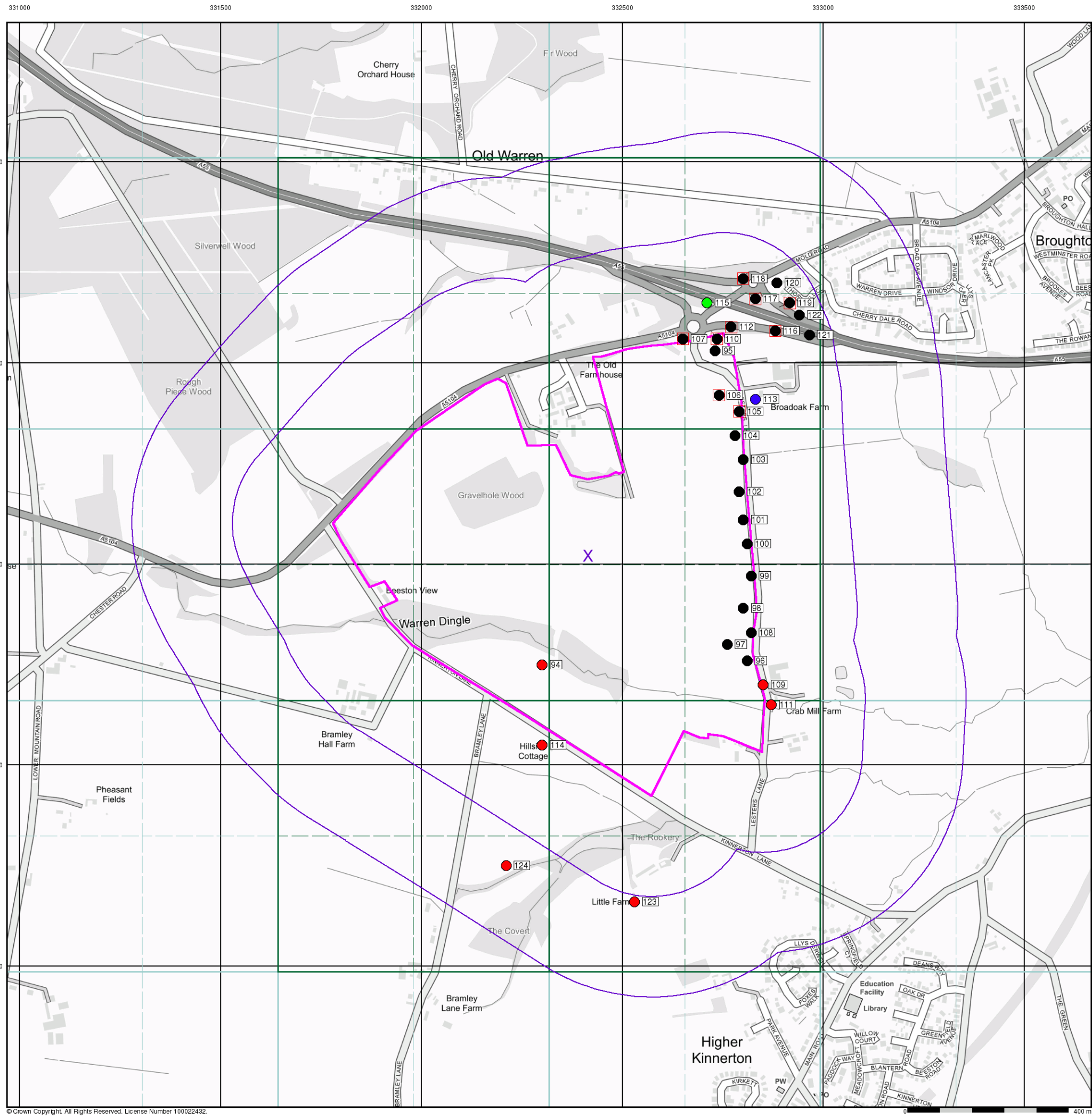
## Order Details

Order Number: 201766376\_1\_1  
Customer Ref: Warren Hall  
National Grid Reference: 332420, 362520  
Slice: A  
Site Area (Ha): 75.29  
Search Buffer (m): 500

## Site Details

Warren Hall





General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

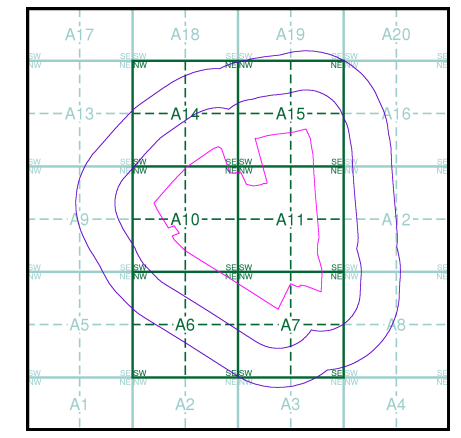
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

Borehole Map - Slice A

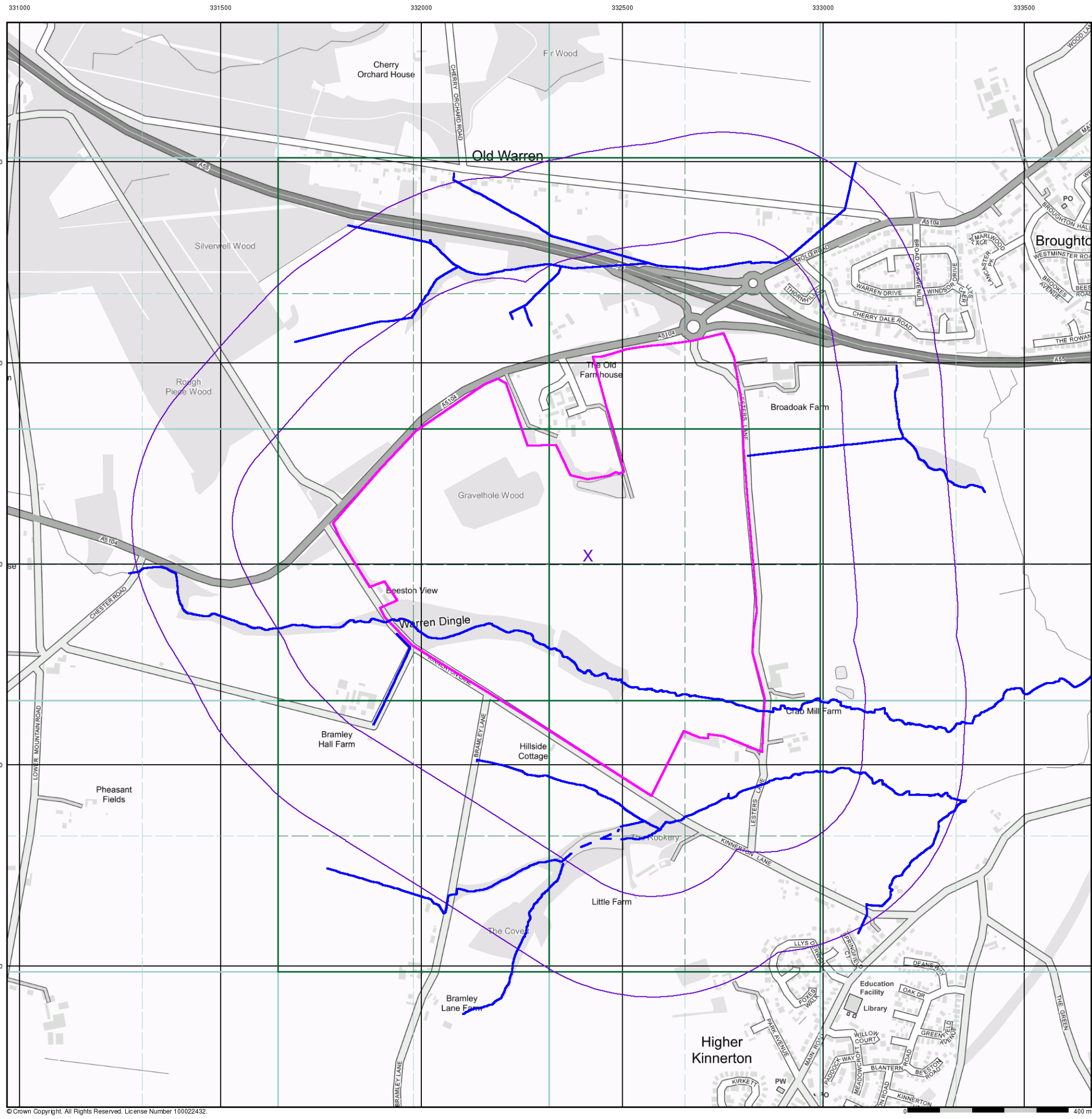


Order Details

Order Number: 201766376\_1\_1  
Customer Ref: Warren Hall  
National Grid Reference: 332420, 362520  
Slice: A  
Site Area (Ha): 75.29  
Search Buffer (m): 500

Site Details

Warren Hall



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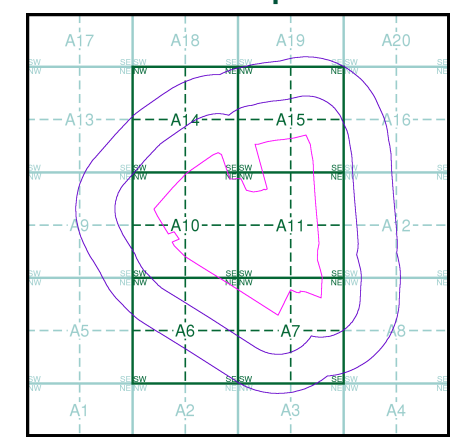
## General

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

## OS Water Network Data

- |              |                         |
|--------------|-------------------------|
| Canal        | Drain                   |
| Reservoir    | Other                   |
| Foreshore    | Lake                    |
| Marsh        | Transfer                |
| Tidal River  | Lock Or Flight Of Locks |
| Inland River | Sea                     |

## OS Water Network Map - Slice A



## Order Details

Order Number: 201766376\_1\_1  
Customer Ref: Warren Hall  
National Grid Reference: 332420, 362520  
Slice: A  
Site Area (Ha): 75.29  
Search Buffer (m): 500

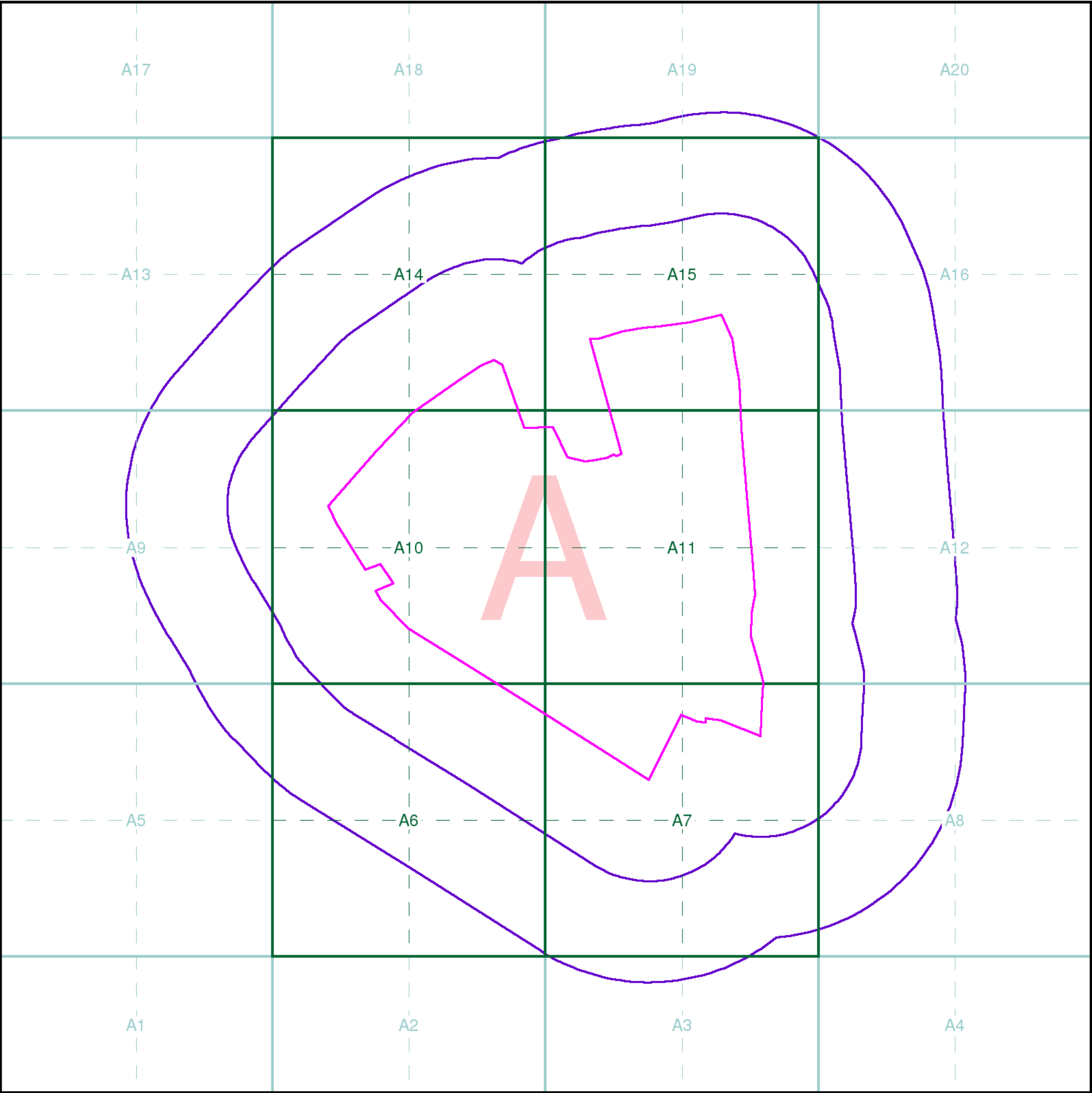
## Site Details

Warren Hall

**Landmark®**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





## Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

### Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

### Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

### Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

## Client Details

Mr A Lamb, WYG Engineering Ltd, Quay West, Trafford Wharf Road, Trafford Park, Manchester, M17 1HH

## Order Details

Order Number: 201766376\_1\_1  
Customer Ref: Warren Hall  
National Grid Reference: 332400, 362510  
Site Area (Ha): 75.29  
Search Buffer (m): 500

## Site Details

Warren Hall

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<http://www.landmarkinfo.co.uk/Terms/Show/515>