APPENDIX B: GROUNDSURE REPORT

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

Ipsen MSCP

Order Details

Date: 08/04/2026

Your ref: PO003143

Our Ref: GS-1AW-PIW-82R-LZ1

Site Details

Location: 337610 350202

Area: 0.28 ha

Authority: Wrecsam - Wrexham County Borough Council ↗

Site plan



Quick Links

Summary of findings p. 2 >

OS MasterMap site plan p.14 >

Aerial image p. 9 >

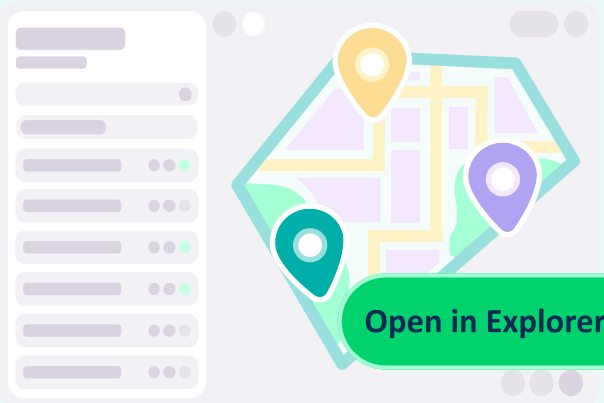
Insight User Guide ↗

Open this site in Explorer!

Access the data now in our interactive workspace.

- Map and interpret 130+ datasets across 170 years
- Generate insights and visuals quickly
- Revisit and collaborate with your team

Access to Groundsure Explorer requires an Insights account. 12 months access begins at purchase.



Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	0	0	8	24	-
17 >	1.2 >	Historical tanks >	0	0	2	7	-
17 >	1.3 >	Historical energy features >	0	0	7	29	-
19	1.4	Historical petrol stations	0	0	0	0	-
19	1.5	Historical garages	0	0	0	0	-
20 >	1.6 >	Historical military land >	1	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
21 >	2.1 >	Historical industrial land uses >	0	0	9	37	-
23 >	2.2 >	Historical tanks >	0	0	11	18	-
25 >	2.3 >	Historical energy features >	0	0	32	67	-
28	2.4	Historical petrol stations	0	0	0	0	-
29	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
30	3.1	Active or recent landfill	0	0	0	0	-
30	3.2	Historical landfill (BGS records)	0	0	0	0	-
31	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
31	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
31	3.5	Historical waste sites	0	0	0	0	-
31	3.6	Licensed waste sites	0	0	0	0	-
31 >	3.7 >	Waste exemptions >	0	0	6	2	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
33 >	4.1 >	Recent industrial land uses >	0	0	24	-	-
35 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	0	0	3	-	-
35	4.3	Current or recent petrol stations	0	0	0	0	-
36	4.4	Electricity cables	0	0	0	0	-
36	4.5	Gas pipelines	0	0	0	0	-

36	4.6	Sites determined as Contaminated Land	0	0	0	0	-
36	4.7	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
36	4.8	Regulated explosive sites	0	0	0	0	-
37	4.9	Hazardous substance storage/usage	0	0	0	0	-
37 >	4.10 >	Historical licensed industrial activities (IPC) >	0	0	0	1	-
37 >	4.11 >	Licensed industrial activities (Part A(1)) >	0	0	8	33	-
44 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	0	2	5	-
45 >	4.13 >	Radioactive Substance Authorisations >	0	0	4	0	-
46 >	4.14 >	Licensed Discharges to controlled waters >	0	0	2	10	-
48	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
48	4.16	Pollutant release to public sewer	0	0	0	0	-
48	4.17	List 1 Dangerous Substances	0	0	0	0	-
48	4.18	List 2 Dangerous Substances	0	0	0	0	-
49 >	4.19 >	Pollution Incidents (EA/NRW) >	0	0	1	5	-
49	4.20	Pollution inventory substances	0	0	0	0	-
50	4.21	Pollution inventory waste transfers	0	0	0	0	-
50	4.22	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
51 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
53 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
55 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
56	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
56	5.5	Groundwater vulnerability- local information	None (within 0m)				
57 >	5.6 >	Groundwater abstractions >	0	0	0	0	13
60 >	5.7 >	Surface water abstractions >	0	0	0	1	0
61	5.8	Potable abstractions	0	0	0	0	0
61 >	5.9 >	Source Protection Zones >	1	0	0	0	-
61	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m

62 >	6.1 >	Water Network (OS NGD) >	0	0	5	-	-
63 >	6.2 >	Surface water features >	0	0	3	-	-
63 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
64 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
64 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
65	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
65	7.2	Historical Flood Events	0	0	0	-	-
65	7.3	Flood Defences	0	0	0	-	-
66	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
66	7.5	Flood Storage Areas	0	0	0	-	-
67	7.6	Flood Zone 2	None (within 50m)				
67	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
68 >	8.1 >	Surface water flooding >	1 in 100 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding >					
70 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
71	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
72	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
72	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
72	10.4	Special Protection Areas (SPA)	0	0	0	0	0
72	10.5	National Nature Reserves (NNR)	0	0	0	0	0
73	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
73 >	10.7 >	Designated Ancient Woodland >	0	1	1	0	10
74	10.8	Biosphere Reserves	0	0	0	0	0
74	10.9	Forest Parks	0	0	0	0	0
74	10.10	Marine Conservation Zones	0	0	0	0	0
74	10.11	Green Belt	0	0	0	0	0

74	10.12	Proposed Ramsar sites	0	0	0	0	0
75	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
75	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
75	10.15	Nitrate Sensitive Areas	0	0	0	0	0
75	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
76 >	**10.17 >**	**SSSI Impact Risk Zones >**	1	-	-	-	-
77	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
78	11.1	World Heritage Sites	0	0	0	-	-
78	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
78	11.3	National Parks	0	0	0	-	-
78	11.4	Listed Buildings	0	0	0	-	-
79	11.5	Conservation Areas	0	0	0	-	-
79	11.6	Scheduled Ancient Monuments	0	0	0	-	-
79	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	**Agricultural designations >**	On site	0-50m	50-250m	250-500m	500-2000m
80 >	**12.1 >**	**Agricultural Land Classification >**	Grade 3a (within 250m)				
81	12.2	Open Access Land	0	0	0	-	-
81	12.3	Tree Felling Licences	0	0	0	-	-
81	12.4	Environmental Stewardship Schemes	0	0	0	-	-
81	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
82	13.1	Priority Habitat Inventory	0	0	0	-	-
82	13.2	Habitat Networks	0	0	0	-	-
82	13.3	Open Mosaic Habitat	0	0	0	-	-
82	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	**Geology 1:10,000 scale >**	On site	0-50m	50-250m	250-500m	500-2000m
83 >	**14.1 >**	**10k Availability >**	Identified (within 500m)				
84 >	**14.2 >**	**Artificial and made ground (10k) >**	2	0	2	2	-

86 >	14.3 >	Superficial geology (10k) >	1	0	1	0	-
87	14.4	Landslip (10k)	0	0	0	0	-
88 >	14.5 >	Bedrock geology (10k) >	1	1	1	1	-
89 >	14.6 >	Bedrock faults and other linear features (10k) >	0	1	0	1	-
Page	Section	**Geology 1:50,000 scale >**	On site	0-50m	50-250m	250-500m	500-2000m
90 >	15.1 >	50k Availability >	Identified (within 500m)				
91 >	15.2 >	Artificial and made ground (50k) >	1	1	0	1	-
92 >	15.3 >	Artificial ground permeability (50k) >	1	1	-	-	-
93 >	15.4 >	Superficial geology (50k) >	1	0	0	0	-
94 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
94	15.6	Landslip (50k)	0	0	0	0	-
94	15.7	Landslip permeability (50k)	None (within 50m)				
95 >	15.8 >	Bedrock geology (50k) >	1	1	0	0	-
96 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
96 >	15.10 >	Bedrock faults and other linear features (50k) >	0	1	0	0	-
Page	Section	**Boreholes >**	On site	0-50m	50-250m	250-500m	500-2000m
97 >	16.1 >	BGS Boreholes >	0	0	23	-	-
Page	Section	**Natural ground subsidence >**					
99 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
100 >	17.2 >	Running sands >	Very low (within 50m)				
102 >	17.3 >	Compressible deposits >	Very low (within 50m)				
104 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
105 >	17.5 >	Landslides >	Very low (within 50m)				
106 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	**Mining and ground workings >**	On site	0-50m	50-250m	250-500m	500-2000m
108	18.1	BritPits	0	0	0	0	-
109 >	18.2 >	Surface ground workings >	0	0	5	-	-
109	18.3	Underground workings	0	0	0	0	0
109	18.4	Underground mining extents	0	0	0	0	-

109	18.5	Historical Mineral Planning Areas	0	0	0	0	-
110	18.6	Non-coal mining	0	0	0	0	0
110	18.7	JPB mining areas	None (within 0m)				
110	18.8	The Coal Authority non-coal mining	0	0	0	0	-
110	18.9	Researched mining	0	0	0	0	-
111	18.10	Mining record office plans	0	0	0	0	-
111	18.11	BGS mine plans	0	0	0	0	-
111 >	**18.12 >**	**Coal mining >**	Identified (within 0m)				
111	18.13	Brine areas	None (within 0m)				
112	18.14	Gypsum areas	None (within 0m)				
112	18.15	Tin mining	None (within 0m)				
112	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
113	19.1	Natural cavities	0	0	0	0	-
113	19.2	Mining cavities	0	0	0	0	0
113	19.3	Reported recent incidents	0	0	0	0	-
113	19.4	Historical incidents	0	0	0	0	-
Page	Section	**Radon >**					
115 >	**20.1 >**	**Radon >**	Less than 1% (within 0m)				
Page	Section	**Soil chemistry >**	On site	0-50m	50-250m	250-500m	500-2000m
117 >	**21.1 >**	**BGS Estimated Background Soil Chemistry >**	1	1	-	-	-
117	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
117	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	**Railway infrastructure and projects >**	On site	0-50m	50-250m	250-500m	500-2000m
118	22.1	Underground railways (London)	0	0	0	-	-
118	22.2	Underground railways (Non-London)	0	0	0	-	-
119	22.3	Railway tunnels	0	0	0	-	-
119 >	**22.4 >**	**Historical railway and tunnel features >**	0	0	6	-	-
119	22.5	Royal Mail tunnels	0	0	0	-	-

120	22.6	Historical railways	0	0	0	-	-
120	22.7	Railways	0	0	0	-	-
120	22.8	Crossrail 2	0	0	0	0	-
120	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 25/04/2023

Site Area: 0.28ha

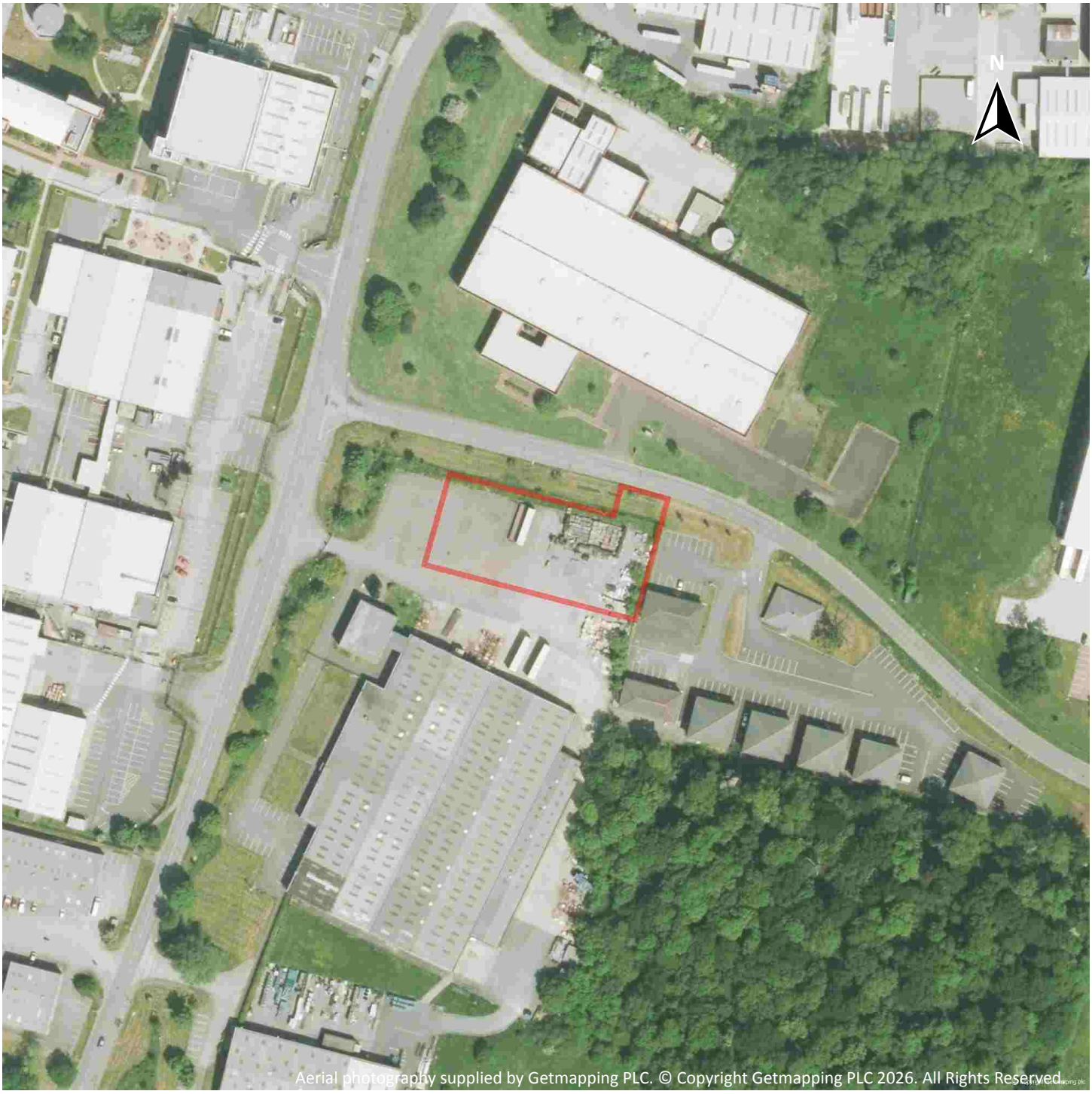
Recent site history - 2020 aerial photograph



Capture Date: 10/04/2020

Site Area: 0.28ha

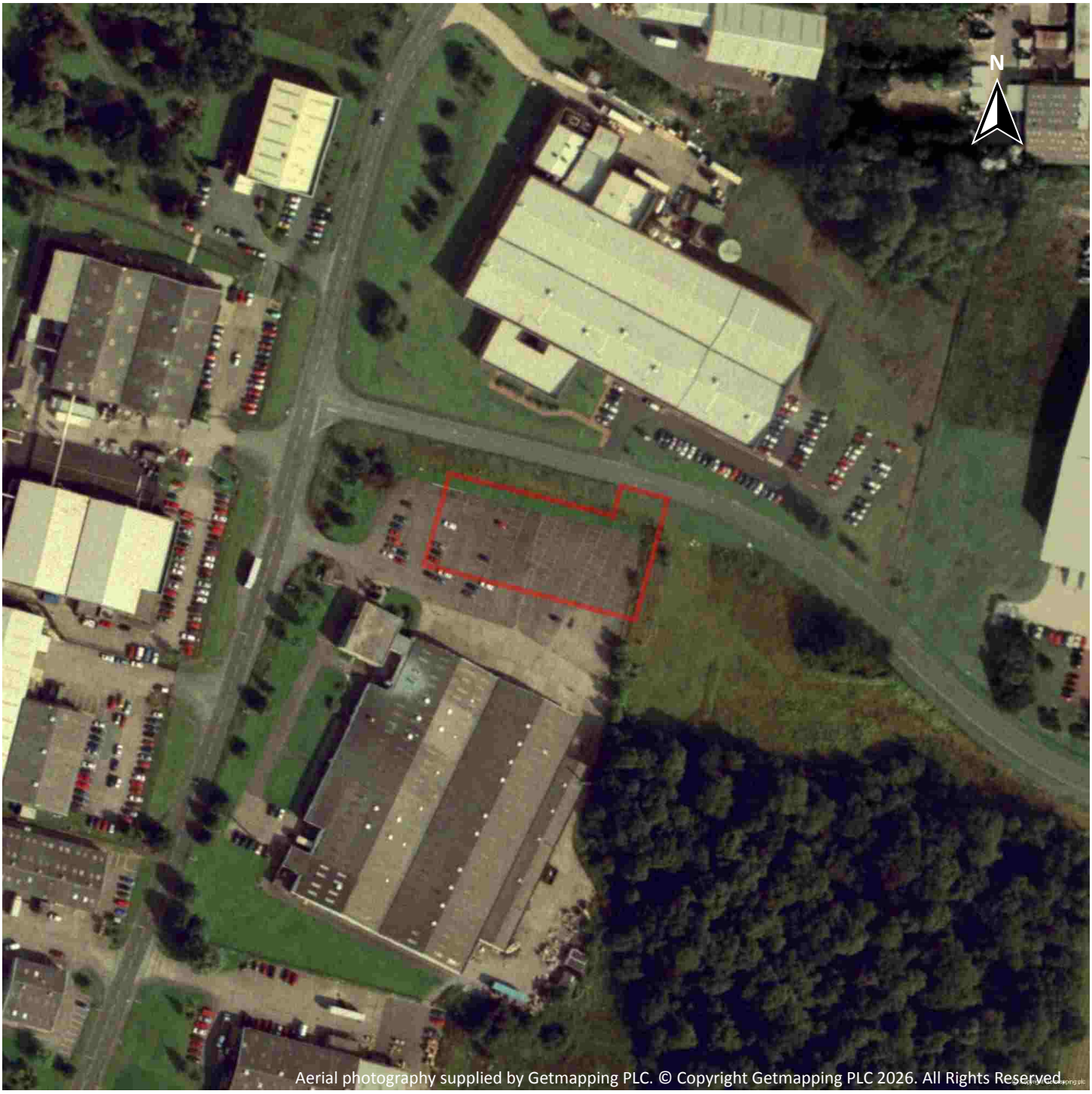
Recent site history - 2013 aerial photograph



Capture Date: 09/06/2013

Site Area: 0.28ha

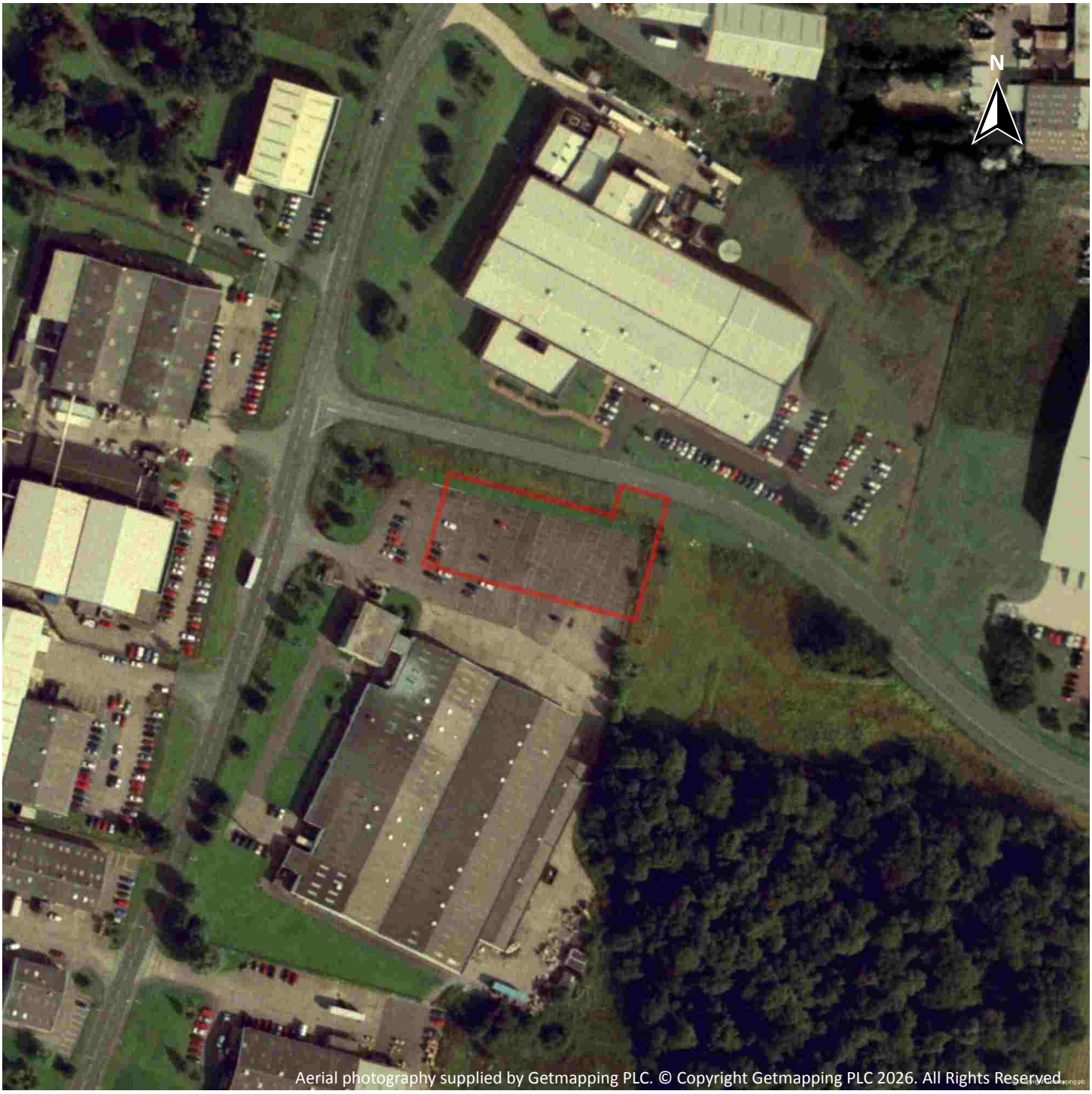
Recent site history - 2003 aerial photograph



Capture Date: 04/08/2003

Site Area: 0.28ha

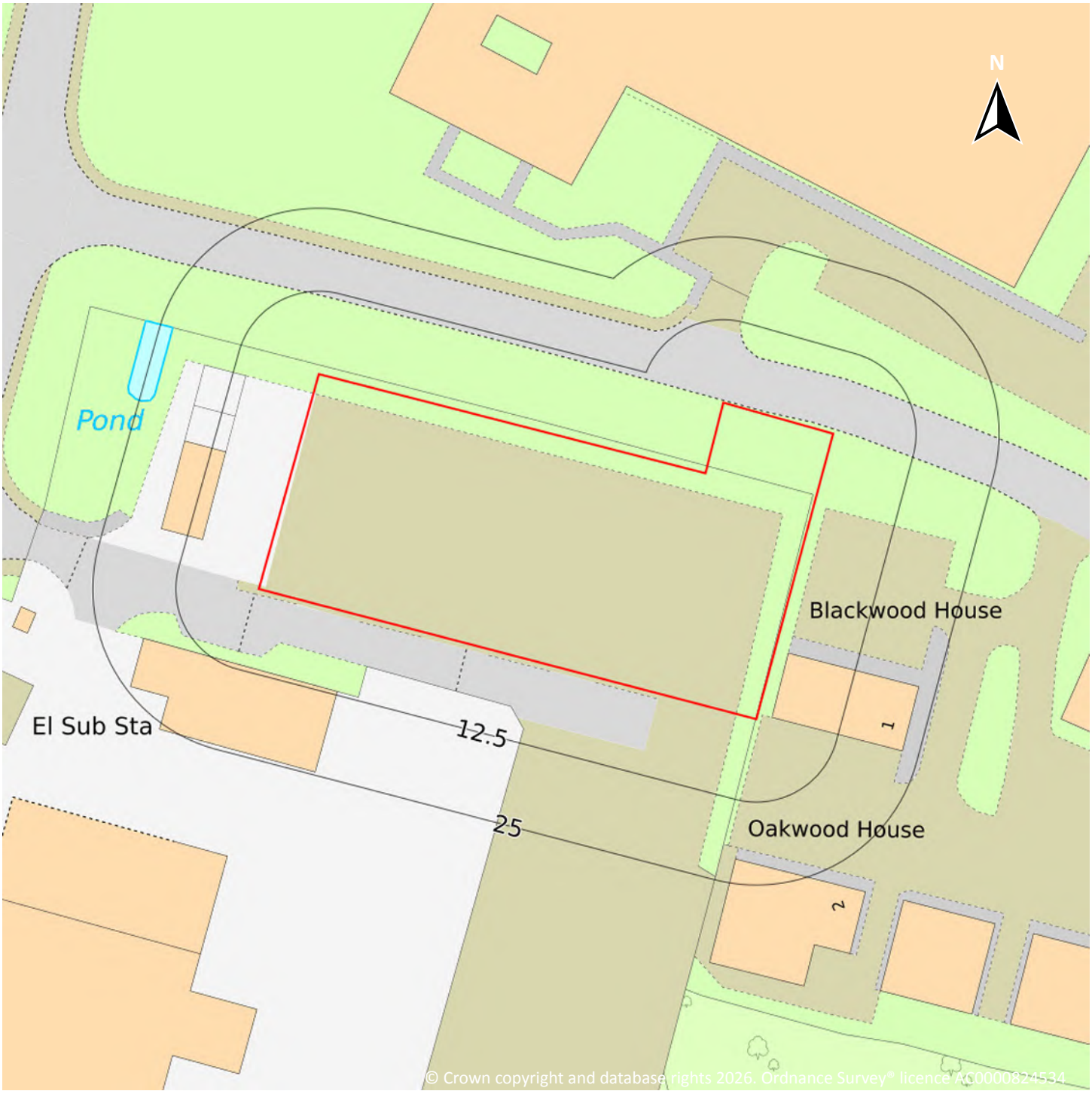
Recent site history - 2000 aerial photograph



Capture Date: 04/09/2000

Site Area: 0.28ha

OS MasterMap site plan



Site Area: 0.28ha

1 Past land use



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical military land

1.1 Historical industrial land uses

Records within 500m	32

Potentially contaminative land use features digitised from historical Ordnance Survey® mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
A	63m S	Railway Sidings	1960	971799

ID	Location	Land use	Dates present	Group ID
A	63m S	Railway Sidings	1968	1003238
B	132m NE	Unspecified Commercial/Industrial	1949	822083
D	177m N	Railway Sidings	1960 - 1968	860347
E	179m S	Unspecified Commercial/Industrial	1964	995209
F	207m S	Unspecified Workshop	1992	896965
F	207m S	Unspecified Workshop	1979	977331
G	222m SE	Unspecified Commercial/Industrial	1979	1003471
5	284m E	Unspecified Pit	1982	827672
B	309m NE	Unspecified Tanks	1949	819020
8	312m SE	Unspecified Heap	1964	841524
9	318m SW	Unspecified Commercial/Industrial	1964	822085
10	332m SW	Unspecified Pit	1964 - 1979	877304
11	338m E	Industrial Estate	1982	859459
13	356m E	Unspecified Heap	1960 - 1982	976190
K	377m SE	Unspecified Heap	1979	841314
L	379m E	Unspecified Pit	1960 - 1982	998789
K	380m SE	Unspecified Ground Workings	1964	813194
M	382m S	Unspecified Heap	1979	841517
14	400m NE	Unspecified Heap	1960 - 1982	966993
N	408m S	Unspecified Tank	1979	848920
15	409m SE	Unspecified Ground Workings	1979	813192
16	423m E	Unspecified Heap	1960 - 1982	927295
17	424m S	Unspecified Commercial/Industrial	1992	860622
E	433m SE	Unspecified Ground Workings	1979	813193
20	444m E	Unspecified Heap	1960 - 1982	913912
O	444m S	Unspecified Works	1992	974022
O	444m S	Unspecified Works	1979	974322
G	446m SE	Unspecified Heap	1992	841514

ID	Location	Land use	Dates present	Group ID
21	461m SW	Unspecified Pit	1979	827673
22	465m NE	Unspecified Pit	1960 - 1982	1004185
23	490m NE	Railway Sidings	1949	891856

This data is sourced from Ordnance Survey® / Groundsure.

1.2 Historical tanks

Records within 500m	9

Tank features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
C	152m S	Unspecified Tank	1990 - 1999	130367
3	225m SW	Unspecified Tank	1985 - 1994	132183
B	332m NE	Tanks	1994 - 1999	152557
B	333m NE	Tanks	1995	132254
B	333m NE	Tanks	1975 - 1990	145380
N	407m S	Unspecified Tank	1961 - 1991	136014
N	410m S	Unspecified Tank	1993 - 1994	127879
P	463m NE	Tanks	1961	108473
P	472m NE	Tanks	1961	108472

This data is sourced from Ordnance Survey® / Groundsure.

1.3 Historical energy features

Records within 500m	36

Energy features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding

or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
2	144m N	Electricity Substation	1990 - 1999	74781
C	170m S	Electricity Substation	1990	69245
C	171m S	Electricity Substation	1994 - 1999	85871
H	224m W	Electricity Substation	1994 - 1999	77714
H	224m W	Electricity Substation	1982 - 1990	72736
I	232m SW	Electricity Substation	1994 - 1999	75366
I	245m SW	Electricity Substation	1982 - 1999	73076
J	252m NW	Electricity Substation	1990 - 1999	78987
J	254m NW	Electricity Substation	1994	70692
J	254m NW	Electricity Substation	1995	72754
J	254m NW	Electricity Substation	1995	84289
J	254m NW	Electricity Substation	1999	90110
J	256m NW	Electricity Substation	1988	77200
J	256m NW	Electricity Substation	1990	82894
J	256m NW	Electricity Substation	1990	84935
J	256m NW	Electricity Substation	1982	89259
4	263m E	Electricity Substation	1994 - 1999	69809
6	292m N	Electricity Substation	1982 - 1999	70081
D	296m N	Electricity Substation	1988 - 1999	88482
7	304m S	Electricity Substation	1985 - 1993	73002
D	311m N	Electricity Substation	1995	89023
12	350m NE	Electricity Substation	1982 - 1988	72028
L	391m E	Electricity Substation	1994 - 1995	75469
M	399m SW	Electricity Substation	1994	91115
M	403m SW	Electricity Substation	1986 - 1991	74893
M	405m SW	Electricity Substation	1993	87053

ID	Location	Land use	Dates present	Group ID
18	433m N	Electricity Substation	1994 - 1999	72679
19	441m N	Electricity Substation	1982 - 1999	91060
Q	470m S	Electricity Substation	1991	70998
Q	470m S	Electricity Substation	1986	74421
Q	470m S	Electricity Substation	1982	82207
Q	471m S	Electricity Substation	1985	69918
Q	471m S	Electricity Substation	1961	75285
Q	472m S	Electricity Substation	1993	81958
Q	472m S	Electricity Substation	1994	89018
24	495m SW	Electricity Substation	1986 - 1994	86940

This data is sourced from Ordnance Survey® / Groundsure.

1.4 Historical petrol stations

Records within 500m	**0**

Petrol stations digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

1.5 Historical garages

Records within 500m	**0**

Garages digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

1.6 Historical military land

Records within 500m	1

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Site Name	Date of Operation	Activities
1	**On site**	**ROF Wrexham**	**c.1938 - 1988**	**c. WW2: Produced cordite,; post WW2: Cordite production ceased in 1945 an the area was used as an industrial estate by the Welsh Development Agency to boost the local economy; Explosives Factory**

This data is sourced from Ordnance Survey® / Groundsure / other sources.

2 Past land use - un-grouped



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

2.1 Historical industrial land uses

Records within 500m	46

Potentially contaminative land use features digitised from historical Ordnance Survey® mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21 >**

ID	Location	Land Use	Date	Group ID
A	63m S	Railway Sidings	1960	971799
A	63m S	Railway Sidings	1968	1003238
B	132m NE	Unspecified Commercial/Industrial	1949	822083

ID	Location	Land Use	Date	Group ID
E	177m N	Railway Sidings	1960	860347
E	177m N	Railway Sidings	1968	860347
F	179m S	Unspecified Commercial/Industrial	1964	995209
G	207m S	Unspecified Workshop	1979	977331
G	207m S	Unspecified Workshop	1992	896965
H	222m SE	Unspecified Commercial/Industrial	1979	1003471
1	284m E	Unspecified Pit	1982	827672
B	309m NE	Unspecified Tanks	1949	819020
2	312m SE	Unspecified Heap	1964	841524
3	318m SW	Unspecified Commercial/Industrial	1964	822085
P	332m SW	Unspecified Pit	1979	877304
P	332m SW	Unspecified Pit	1964	877304
4	338m E	Industrial Estate	1982	859459
R	356m E	Unspecified Heap	1982	976190
R	356m E	Unspecified Heap	1960	976190
R	356m E	Unspecified Heap	1968	976190
S	377m SE	Unspecified Heap	1979	841314
T	379m E	Unspecified Pit	1982	998789
T	379m E	Unspecified Pit	1960	998789
T	379m E	Unspecified Pit	1968	998789
S	380m SE	Unspecified Ground Workings	1964	813194
U	382m S	Unspecified Heap	1979	841517
V	400m NE	Unspecified Heap	1982	966993
V	400m NE	Unspecified Heap	1960	966993
V	400m NE	Unspecified Heap	1968	966993
W	408m S	Unspecified Tank	1979	848920
5	409m SE	Unspecified Ground Workings	1979	813192
X	423m E	Unspecified Heap	1982	927295

ID	Location	Land Use	Date	Group ID
X	423m E	Unspecified Heap	1960	927295
X	423m E	Unspecified Heap	1968	927295
6	424m S	Unspecified Commercial/Industrial	1992	860622
F	433m SE	Unspecified Ground Workings	1979	813193
AA	444m E	Unspecified Heap	1982	913912
AA	444m E	Unspecified Heap	1960	913912
AA	444m E	Unspecified Heap	1968	913912
AB	444m S	Unspecified Works	1979	974322
AB	444m S	Unspecified Works	1992	974022
H	446m SE	Unspecified Heap	1992	841514
7	461m SW	Unspecified Pit	1979	827673
AD	465m NE	Unspecified Pit	1982	1004185
AD	465m NE	Unspecified Pit	1960	1004185
AD	465m NE	Unspecified Pit	1968	1004185
8	490m NE	Railway Sidings	1949	891856

This data is sourced from Ordnance Survey® / Groundsure.

2.2 Historical tanks

Records within 500m **29**

Tank features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21 >**

ID	Location	Land Use	Date	Group ID
D	152m S	Unspecified Tank	1990	130367
D	152m S	Unspecified Tank	1990	130367
D	152m S	Unspecified Tank	1994	130367
D	152m S	Unspecified Tank	1999	130367
D	152m S	Unspecified Tank	1995	130367

ID	Location	Land Use	Date	Group ID
D	152m S	Unspecified Tank	1995	130367
J	225m SW	Unspecified Tank	1993	132183
J	225m SW	Unspecified Tank	1994	132183
J	225m SW	Unspecified Tank	1985	132183
J	227m SW	Unspecified Tank	1986	132183
J	227m SW	Unspecified Tank	1991	132183
B	332m NE	Tanks	1994	152557
B	332m NE	Tanks	1999	152557
B	332m NE	Tanks	1995	152557
B	333m NE	Tanks	1995	132254
B	333m NE	Tanks	1982	145380
B	333m NE	Tanks	1988	145380
B	333m NE	Tanks	1990	145380
B	333m NE	Tanks	1990	145380
B	334m NE	Tanks	1975	145380
W	407m S	Unspecified Tank	1982	136014
W	407m S	Unspecified Tank	1986	136014
W	407m S	Unspecified Tank	1991	136014
W	408m S	Unspecified Tank	1961	136014
W	408m S	Unspecified Tank	1985	136014
W	410m S	Unspecified Tank	1993	127879
W	410m S	Unspecified Tank	1994	127879
AC	463m NE	Tanks	1961	108473
AC	472m NE	Tanks	1961	108472

This data is sourced from Ordnance Survey® / Groundsure.

2.3 Historical energy features

Records within 500m	99

Energy features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21 >**

ID	Location	Land Use	Date	Group ID
C	144m N	Electricity Substation	1994	74781
C	144m N	Electricity Substation	1999	74781
C	144m N	Electricity Substation	1995	74781
C	144m N	Electricity Substation	1995	74781
C	144m N	Electricity Substation	1990	74781
C	144m N	Electricity Substation	1990	74781
D	170m S	Electricity Substation	1990	69245
D	170m S	Electricity Substation	1990	69245
D	171m S	Electricity Substation	1994	85871
D	171m S	Electricity Substation	1999	85871
D	171m S	Electricity Substation	1995	85871
D	171m S	Electricity Substation	1995	85871
I	224m W	Electricity Substation	1994	77714
I	224m W	Electricity Substation	1999	77714
I	224m W	Electricity Substation	1995	77714
I	224m W	Electricity Substation	1995	77714
I	224m W	Electricity Substation	1982	72736
I	224m W	Electricity Substation	1988	72736
I	224m W	Electricity Substation	1990	72736
I	224m W	Electricity Substation	1990	72736
K	232m SW	Electricity Substation	1994	75366
K	232m SW	Electricity Substation	1999	75366
K	232m SW	Electricity Substation	1995	75366

ID	Location	Land Use	Date	Group ID
K	232m SW	Electricity Substation	1995	75366
K	245m SW	Electricity Substation	1994	73076
K	245m SW	Electricity Substation	1999	73076
K	245m SW	Electricity Substation	1995	73076
K	245m SW	Electricity Substation	1995	73076
K	245m SW	Electricity Substation	1982	73076
K	245m SW	Electricity Substation	1988	73076
K	245m SW	Electricity Substation	1990	73076
K	245m SW	Electricity Substation	1990	73076
L	252m NW	Electricity Substation	1994	78987
L	252m NW	Electricity Substation	1999	78987
L	252m NW	Electricity Substation	1995	78987
L	252m NW	Electricity Substation	1995	78987
L	253m NW	Electricity Substation	1990	78987
L	253m NW	Electricity Substation	1990	78987
L	254m NW	Electricity Substation	1994	70692
L	254m NW	Electricity Substation	1999	90110
L	254m NW	Electricity Substation	1995	84289
L	254m NW	Electricity Substation	1995	72754
L	256m NW	Electricity Substation	1982	89259
L	256m NW	Electricity Substation	1988	77200
L	256m NW	Electricity Substation	1990	84935
L	256m NW	Electricity Substation	1990	82894
M	263m E	Electricity Substation	1994	69809
M	263m E	Electricity Substation	1999	69809
M	263m E	Electricity Substation	1995	69809
M	263m E	Electricity Substation	1995	69809
N	292m N	Electricity Substation	1994	70081

ID	Location	Land Use	Date	Group ID
N	292m N	Electricity Substation	1999	70081
N	292m N	Electricity Substation	1995	70081
N	292m N	Electricity Substation	1995	70081
N	295m N	Electricity Substation	1982	70081
N	295m N	Electricity Substation	1988	70081
N	295m N	Electricity Substation	1990	70081
E	296m N	Electricity Substation	1994	88482
E	296m N	Electricity Substation	1999	88482
E	296m N	Electricity Substation	1995	88482
E	299m N	Electricity Substation	1988	88482
E	299m N	Electricity Substation	1990	88482
E	299m N	Electricity Substation	1990	88482
O	304m S	Electricity Substation	1985	73002
O	305m S	Electricity Substation	1986	73002
O	305m S	Electricity Substation	1991	73002
O	307m S	Electricity Substation	1993	73002
E	311m N	Electricity Substation	1995	89023
Q	350m NE	Electricity Substation	1982	72028
Q	350m NE	Electricity Substation	1988	72028
T	391m E	Electricity Substation	1995	75469
T	391m E	Electricity Substation	1994	75469
U	399m SW	Electricity Substation	1994	91115
U	403m SW	Electricity Substation	1986	74893
U	403m SW	Electricity Substation	1991	74893
U	405m SW	Electricity Substation	1993	87053
Y	433m N	Electricity Substation	1994	72679
Y	433m N	Electricity Substation	1999	72679
Y	433m N	Electricity Substation	1995	72679

ID	Location	Land Use	Date	Group ID
Y	433m N	Electricity Substation	1995	72679
Z	441m N	Electricity Substation	1982	91060
Z	441m N	Electricity Substation	1988	91060
Z	441m N	Electricity Substation	1990	91060
Z	441m N	Electricity Substation	1990	91060
Z	441m N	Electricity Substation	1994	91060
Z	441m N	Electricity Substation	1999	91060
Z	441m N	Electricity Substation	1995	91060
Z	441m N	Electricity Substation	1995	91060
AE	470m S	Electricity Substation	1982	82207
AE	470m S	Electricity Substation	1986	74421
AE	470m S	Electricity Substation	1991	70998
AE	471m S	Electricity Substation	1961	75285
AE	471m S	Electricity Substation	1985	69918
AE	472m S	Electricity Substation	1993	81958
AE	472m S	Electricity Substation	1994	89018
AF	495m SW	Electricity Substation	1986	86940
AF	495m SW	Electricity Substation	1991	86940
AF	495m SW	Electricity Substation	1993	86940
AF	495m SW	Electricity Substation	1994	86940

This data is sourced from Ordnance Survey® / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

2.5 Historical garages

Records within 500m	0

Garages digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey®/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	0

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey®/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	0

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	8

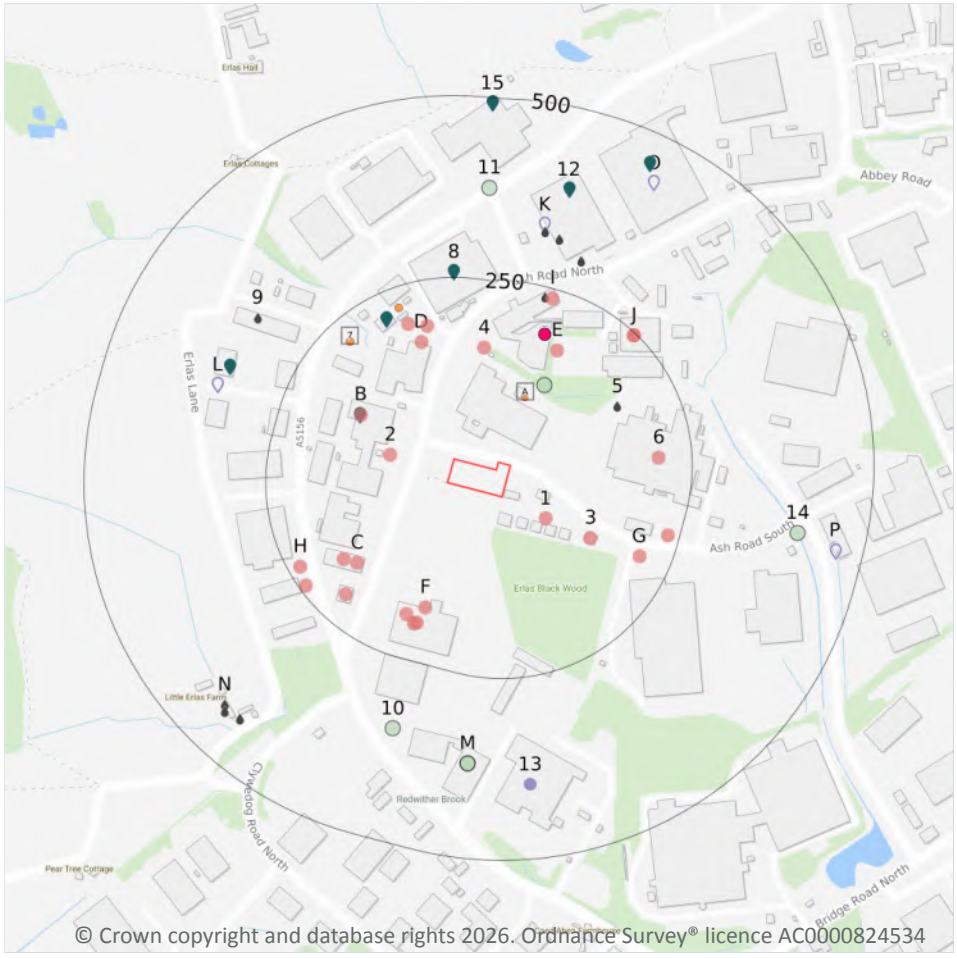
Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 30 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	180m NW	Specialist Building Products T/a Ecodek, Ecodek, Unit 13, Abenbury Way, Wrexham, Wrecsam, Ll139uz	NRW-WME029714	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
2	204m E	Bk Nolte Contracts Limited, B K House, Ash Road South, Ystad Ddiwydiannol Wrecsam, Wrecsam, Ll139ug	NRW-WME008197	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	219m NE	W&s Waste Management Ltd, W&s Waste Management Ltd, Unit 3e Yard 2, Wrexham Enterprise Park, Wrexham, Ll13 9jt	NRW-WME041914	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	219m NE	W&s Waste Management Ltd, W&s Waste Management Ltd, Unit 3e Yard 2, Wrexham Enterprise Park, Wrexham, Ll13 9jt	NRW-WME041914	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	227m NE	W&s Waste Management Ltd, Unit 3e Yard 2, Wrexham Enterprise Park, Wrexham, Clywd, Ll139jt	NRW-WME009916	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	227m NE	W&s Waste Management Ltd, Unit 3e Yard 2, Wrexham Enterprise Park, Wrexham, Clywd, Ll139jt	NRW-WME009916	Storing waste exemption	Not on a farm	Storage of waste in a secure place
3	287m S	Specialist Building Products T/a Ecodek, Ecodek, Unit 13, Abenbury Way, Wrexham Industrial Estate, Wrexham, Wrecsam, Ll13 9uz	NRW-WME068549	Using waste exemption	Waste exemption - agricultural and non-agricultural	Use of waste to manufacture finished goods
4	424m NE	Loweroak, Loweroak, Unit 411, Ash Road North, Wrexham Industrial Estate, Wrexham, Wrexham, Ll13 9uf	NRW-WME101556	Storing waste exemption	Not on a farm	Storage of waste in a secure place

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



Site Outline

Search buffers in metres (m)

- Recent industrial land uses
- NGD current or recent tanks
- Historical licensed industrial activities
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Radioactive Substance Authorisations
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m	24

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Company	Address	Activity	Category
1	67m SE	Business Park	Clwyd, LL13	Business Parks and Industrial Estates	Industrial Features
2	86m W	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
3	134m SE	Clwyd Transport Services Ltd	Unit 7 at Clwyd House Blackwood Business Park, Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG	Distribution and Haulage	Transport, Storage and Delivery
B	142m NW	Ipsen	Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UF	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
4	159m N	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
C	166m SW	Sandstone Brewery	Unit 5, Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Alcoholic Drinks	Foodstuffs
D	168m N	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
E	171m N	Enterprise Park	Clwyd, LL13	Business Parks and Industrial Estates	Industrial Features
F	174m S	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
C	177m SW	Tyre Suppliers	Unit 6, Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Vehicle Parts and Accessories	Motoring
D	187m N	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
F	190m S	Milner Engineering Services Ltd	Unit 12, Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Precision Engineers	Engineering Services
D	196m N	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
F	197m S	Proserve Ltd	Unit 12, Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Distribution and Haulage	Transport, Storage and Delivery
F	200m S	Factory	Clwyd, LL13	Unspecified Works Or Factories	Industrial Features
6	204m E	Oscar Mayer	Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG	Catering and Non Specific Food Products	Foodstuffs
G	206m SE	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
C	207m SW	P J Garage Ltd	Unit 8, Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Vehicle Repair, Testing and Servicing	Repair and Servicing
H	233m SW	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
G	234m E	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
I	238m N	Playford Packaging	Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Packaging	Industrial Products
H	241m SW	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
J	247m NE	Mark Specialist Applications Ltd	Unit 2e Wrexham Enterprise Park, Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Cleaning Equipment and Supplies	Industrial Products
J	247m NE	I P S	Unit 7 Wrexham Enterprise Park, Ash Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JT	Packaging	Industrial Products

This data is sourced from Ordnance Survey®.

4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m	**3**

Current or recent tanks identified from the Ordnance Survey® NGD.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Tank description	Activity	Date first identified
A	91m N	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	27/02/2002
7	211m NW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	02/07/2014
D	216m N	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	20/10/2005

This data is sourced from Ordnance Survey®.

4.3 Current or recent petrol stations

Records within 500m	**0**

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.4 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.6 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m	0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.8 Regulated explosive sites

Records within 500m	0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.9 Hazardous substance storage/usage

Records within 500m	0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

Records within 500m	1

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Details	
13	398m S	Operator: Stadex Industries Ltd Address: Coed Aben Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UL Process: Di-isocyanate Processes Permit Number: BF1220	Original Permit Number: IPCAPP Date Approved: 8-6-1999 Effective Date: 9-6-1999 Status: Revoked

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed industrial activities (Part A(1))

Records within 500m	41

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Details	
E	187m N	Operator: GILLETTE UK LTD Installation Name: - Process: INORGANIC CHEMICALS; NON METALS ETC EG CALCIUM CARBIDE Permit Number: BK3824 Original Permit Number: BK3824	EPR Reference: - Issue Date: 09/10/2003 Effective Date: 09/10/2003 Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS

ID	Location	Details	
E	187m N	Operator: GILLETTE UK LTD Installation Name: - Process: INORGANIC CHEMICALS; USING MERCURY/CADMIUM AND COMPOUNDS IF RELEASE INTO AIR Permit Number: BK3824 Original Permit Number: BK3824	EPR Reference: - Issue Date: 09/10/2003 Effective Date: 09/10/2003 Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
E	187m N	Operator: GILLETTE UK LTD Installation Name: WREXHAM ZINC AIR CELL Process: INORGANIC CHEMICALS; USING MERCURY/CADMIUM AND COMPOUNDS IF RELEASE INTO AIR Permit Number: BK3824IX Original Permit Number: BK3824IX	EPR Reference: - Issue Date: 09/10/2003 Effective Date: 09/10/2003 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
E	187m N	Operator: GILLETTE UK LTD Installation Name: WREXHAM ZINC AIR CELL Process: INORGANIC CHEMICALS; NON METALS ETC EG CALCIUM CARBIDE Permit Number: UP3431UH Original Permit Number: BK3824IX	EPR Reference: - Issue Date: 02/11/2007 Effective Date: 06/11/2007 Last date noted as effective: 17/11/2015 Status: SURRENDER EFFECTIVE
E	187m N	Operator: GILLETTE UK LTD Installation Name: WREXHAM ZINC AIR CELL Process: INORGANIC CHEMICALS; USING MERCURY/CADMIUM AND COMPOUNDS IF RELEASE INTO AIR Permit Number: UP3431UH Original Permit Number: BK3824IX	EPR Reference: - Issue Date: 02/11/2007 Effective Date: 06/11/2007 Last date noted as effective: 17/11/2015 Status: SURRENDER EFFECTIVE
E	187m N	Operator: GILLETTE UK LTD Installation Name: WREXHAM ZINC AIR CELL Process: INORGANIC CHEMICALS; NON METALS ETC EG CALCIUM CARBIDE Permit Number: AP3933LR Original Permit Number: BK3824IX	EPR Reference: - Issue Date: 03/03/2006 Effective Date: 03/03/2006 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
E	187m N	Operator: GILLETTE UK LTD Installation Name: WREXHAM ZINC AIR CELL Process: INORGANIC CHEMICALS; USING MERCURY/CADMIUM AND COMPOUNDS IF RELEASE INTO AIR Permit Number: AP3933LR Original Permit Number: BK3824IX	EPR Reference: - Issue Date: 03/03/2006 Effective Date: 03/03/2006 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
E	187m N	Operator: GILLETTE UK LTD Installation Name: WREXHAM ZINC AIR CELL Process: INORGANIC CHEMICALS; NON METALS ETC EG CALCIUM CARBIDE Permit Number: BK3824IX Original Permit Number: BK3824IX	EPR Reference: - Issue Date: 09/10/2003 Effective Date: 09/10/2003 Last date noted as effective: 17/11/2015 Status: SUPERCEDED

ID	Location	Details	
K	333m N	Operator: CAPARO STEEL PRODUCTS LIMITED Installation Name: WREXHAM WIRE EPR/BX6774IN Process: ASSOCIATED PROCESS Permit Number: KP3231ZB Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 28/03/2013 Effective Date: 28/03/2013 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
K	333m N	Operator: CAPARO STEEL PRODUCTS LIMITED Installation Name: WREXHAM WIRE EPR/BX6774IN Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: KP3231ZB Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 28/03/2013 Effective Date: 28/03/2013 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
K	333m N	Operator: CAPARO STEEL PRODUCTS LIMITED Installation Name: WREXHAM WIRE EPR/BX6774IN Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: KP3231ZB Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 28/03/2013 Effective Date: 28/03/2013 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
K	333m N	Operator: CAPARO WIRE LTD Installation Name: WREXHAM WIRE Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: ZP3336LN Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 26/06/2006 Effective Date: 26/06/2006 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
K	333m N	Operator: CAPARO WIRE LIMITED Installation Name: WREXHAM WIRE Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: BX6774IN Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 26/11/2004 Effective Date: 26/11/2004 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
K	333m N	Operator: CAPARO WIRE LIMITED Installation Name: WREXHAM WIRE Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: BX6774IN Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 26/11/2004 Effective Date: 26/11/2004 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
K	333m N	Operator: CAPARO WIRE LTD Installation Name: WREXHAM WIRE Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: ZP3336LN Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 26/06/2006 Effective Date: 26/06/2006 Last date noted as effective: 17/11/2015 Status: SUPERCEDED

ID	Location	Details	
K	333m N	Operator: CAPARO STEEL PRODUCTS LIMITED Installation Name: WREXHAM WIRE Process: CREATED BY IED - DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: KP3231ZB Original Permit Number: BX6774IN	EPR Reference: - Issue Date: 28/03/2013 Effective Date: 28/03/2013 Last date noted as effective: 01/07/2013 Status: EFFECTIVE
K	333m N	Operator: CAPARO STEEL PRODUCTS LIMITED Installation Name: WREXHAM WIRE EPR/BX6774IN Process: - Permit Number: BX6774IN Original Permit Number: KP3231ZB	EPR Reference: - Issue Date: 28/03/2013 Effective Date: 28/03/2013 Last date noted as effective: 01/12/2016 Status: EFFECTIVE
L	341m W	Operator: ALMETRON LTD Installation Name: WREXHAM METAL FINISHING EPR/YP3736UX Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: YP3736UX Original Permit Number: YP3736UX	EPR Reference: - Issue Date: 28/11/2007 Effective Date: 28/11/2007 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
L	341m W	Operator: ALMETRON LTD Installation Name: WREXHAM METAL FINISHING EPR/YP3736UX Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: YP3736UX Original Permit Number: YP3736UX	EPR Reference: - Issue Date: 28/11/2007 Effective Date: 28/11/2007 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
L	341m W	Operator: Almetron Ltd Installation Name: Wrexham Metal Finishing Chemicals Process: PRODUCING INORGANIC CHEMICALS SUCH AS: (IV) SALTS (FOR EXAMPLE AMMONIUM CHLORIDE, POTASSIUM CHLORATE, POTASSIUM CARBONATE, SODIUM CARBONATE, PERBORATE, SILVER NITRATE, CUPRIC ACETATE, AMMONIUM PHOSPHOMOLYBDATE) Permit Number: YP3736UX Original Permit Number: -	EPR Reference: - Issue Date: 28/11/2007 Effective Date: 28/11/2007 Last date noted as effective: 12/03/2026 Status: Effective
L	341m W	Operator: Almetron Ltd Installation Name: Wrexham Metal Finishing Chemicals Process: - Permit Number: YP3736UX Original Permit Number: -	EPR Reference: - Issue Date: 28/11/2007 Effective Date: 28/11/2007 Last date noted as effective: 12/03/2026 Status: Effective

ID	Location	Details	
L	341m W	Operator: Almetron Ltd Installation Name: Wrexham Metal Finishing Chemicals Process: PRODUCING ORGANIC CHEMICALS SUCH AS: (IV) ORGANIC COMPOUNDS CONTAINING NITROGEN (FOR EXAMPLE AMINES, AMIDES, NITROUS-, NITRO- OR AZO-COMPOUNDS, NITRATES, NITRILES, NITROGEN HETEROCYCLICS, CYANATES, ISOCYANATES, DI-ISOCYANATES AND DI-ISOCYANATE PREPOLYMERS) Permit Number: YP3736UX Original Permit Number: -	EPR Reference: - Issue Date: 28/11/2007 Effective Date: 28/11/2007 Last date noted as effective: 12/03/2026 Status: Effective
L	341m W	Operator: ALMETRON LTD Installation Name: WREXHAM METAL FINISHING CHEMICALS Process: - Permit Number: YP3736UX Original Permit Number: YP3736UX	EPR Reference: - Issue Date: 28/11/2007 Effective Date: 28/11/2007 Last date noted as effective: 01/12/2016 Status: EFFECTIVE
O	435m NE	Operator: WREXHAM WIRE LIMITED Installation Name: WREXHAM WIRE LIMITED Process: - Permit Number: AB3190FW Original Permit Number: -	EPR Reference: - Issue Date: 06/05/2016 Effective Date: 06/05/2016 Last date noted as effective: 01/04/2017 Status: ISSUED
O	435m NE	Operator: WREXHAM WIRE LIMITED Installation Name: WREXHAM WIRE LIMITED Process: UNLESS FALLING WITHIN PART A2 OF THIS SECTION, SURFACE TREATING METALS AND PLAST... Permit Number: AB3190FW Original Permit Number: -	EPR Reference: - Issue Date: 06/05/2016 Effective Date: 06/05/2016 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
O	435m NE	Operator: WREXHAM WIRE LIMITED Installation Name: WREXHAM WIRE LIMITED Process: UNLESS FALLING WITHIN PART A2 OF THIS SECTION, SURFACE TREATING METALS AND PLAST... Permit Number: AB3190FW Original Permit Number: -	EPR Reference: - Issue Date: 06/05/2016 Effective Date: 06/05/2016 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
O	435m NE	Operator: WREXHAM WIRE LIMITED Installation Name: WREXHAM WIRE LIMITED Process: DISPOSAL OF NON-HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 50 TONNES PER DAY (OR 100 TONNES PER DAY IF THE ONLY WASTE TREATMENT ACTIVITY IS ANAEROBIC DIGESTION) INVOLVING ONE OR MORE OF THE FOLLOWING ACTIVITIES, AND EXCLUDING ACTIVITIES COVERED BY COUNCIL DIRECTIVE 91/271/EEC CONCERNING URBAN WASTE-WATER TREATMENT(4)—PHYSICO-CHEMICAL TREATMENT Permit Number: AB3190FW Original Permit Number: -	EPR Reference: - Issue Date: 06/05/2016 Effective Date: 06/05/2016 Last date noted as effective: 01/12/2022 Status: EFFECTIVE

ID	Location	Details	
O	435m NE	Operator: WREXHAM WIRE LIMITED Installation Name: WREXHAM WIRE LIMITED Process: UNLESS FALLING WITHIN PART A(2) OF THIS SECTION, SURFACE TREATING METALS AND PLASTIC MATERIALS USING AN ELECTROLYTIC OR CHEMICAL PROCESS WHERE THE AGGREGATED VOLUME OF THE TREATMENT VATS IS MORE THAN 30M3 Permit Number: AB3190FW Original Permit Number: -	EPR Reference: - Issue Date: 06/05/2016 Effective Date: 06/05/2016 Last date noted as effective: 01/12/2022 Status: EFFECTIVE
P	461m E	Operator: Oscar Mayer Limited Installation Name: Wrexham Convenience Foods Process: DISPOSAL OF NON-HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 50 TONNES PER DAY (OR 100 TONNES PER DAY IF THE ONLY WASTE TREATMENT ACTIVITY IS ANAEROBIC DIGESTION) INVOLVING ONE OR MORE OF THE FOLLOWING ACTIVITIES, AND EXCLUDING ACTIVITIES COVERED BY COUNCIL DIRECTIVE 91/271/EEC CONCERNING URBAN WASTE-WATER TREATMENT(4)—PHYSICO-CHEMICAL TREATMENT Permit Number: WP3534GX Original Permit Number: -	EPR Reference: - Issue Date: 09/02/2022 Effective Date: 09/02/2022 Last date noted as effective: 12/03/2026 Status: Effective
P	461m E	Operator: Oscar Mayer Limited Installation Name: Wrexham Convenience Foods Process: TREATMENT AND PROCESSING, OTHER THAN EXCLUSIVELY PACKAGING, OF THE FOLLOWING RAW MATERIALS, WHETHER PREVIOUSLY PROCESSED OR UNPROCESSED, INTENDED FOR THE PRODUCTION OF FOOD OR FEED (WHERE THE WEIGHT OF THE FINISHED PRODUCT EXCLUDES PACKAGING)—ANIMAL AND VEGETABLE RAW MATERIALS (OTHER THAN MILK ONLY), BOTH IN COMBINED AND SEPARATE PRODUCTS, WITH A FINISHED PRODUCT PRODUCTION CAPACITY IN TONNES PER DAY GREATER THAN 75 IF A IS EQUAL TO 10 OR MORE, OR 300 -(22.5 X A) IN ANY OTHER CASE Permit Number: WP3534GX Original Permit Number: -	EPR Reference: - Issue Date: 09/02/2022 Effective Date: 09/02/2022 Last date noted as effective: 12/03/2026 Status: Effective
P	461m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS LIMITED Process: - Permit Number: WP3534GX Original Permit Number: -	EPR Reference: - Issue Date: 03/03/2016 Effective Date: 03/03/2016 Last date noted as effective: 01/04/2017 Status: ISSUED

ID	Location	Details	
P	461m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS LIMITED Process: TREATMENT AND PROCESSING, OTHER THAN EXCLUSIVELY PACKAGING, OF THE FOLLOWING RAW... Permit Number: WP3534GX Original Permit Number: -	EPR Reference: - Issue Date: 03/03/2016 Effective Date: 03/03/2016 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
P	461m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS LIMITED Process: TREATMENT AND PROCESSING, OTHER THAN EXCLUSIVELY PACKAGING, OF THE FOLLOWING RAW... Permit Number: WP3534GX Original Permit Number: -	EPR Reference: - Issue Date: 03/03/2016 Effective Date: 03/03/2016 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
P	461m E	Operator: OSCAR MAYER LIMITED Installation Name: WREXHAM CONVENIENCE FOODS Process: TREATMENT AND PROCESSING, OTHER THAN EXCLUSIVELY PACKAGING, OF THE FOLLOWING RAW MATERIALS, WHETHER PREVIOUSLY PROCESSED OR UNPROCESSED, INTENDED FOR THE PRODUCTION OF FOOD OR FEED (WHERE THE WEIGHT OF THE FINISHED PRODUCT EXCLUDES PACKAGING)—ONLY ANIMAL RAW MATERIALS (OTHER THAN MILK ONLY) WITH A FINISHED PRODUCT PRODUCTION CAPACITY GREATER THAN 75 TONNES PER DAY Permit Number: WP3534GX Original Permit Number: -	EPR Reference: - Issue Date: 15/11/2019 Effective Date: 15/11/2019 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
P	463m E	Operator: OSCAR MAYER LIMITED Installation Name: WREXHAM CONVENIENCE FOODS EPR/WP3534GX Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC ANIMAL RAW MATERIALS (NOT MILK) FOR FOOD >75T/D Permit Number: PP3538VJ Original Permit Number: WP3534GX	EPR Reference: - Issue Date: 25/06/2014 Effective Date: 25/06/2014 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
P	463m E	Operator: OSCAR MAYER LIMITED Installation Name: WREXHAM CONVENIENCE FOODS EPR/WP3534GX Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: PP3538VJ Original Permit Number: WP3534GX	EPR Reference: - Issue Date: 25/06/2014 Effective Date: 25/06/2014 Last date noted as effective: 17/11/2015 Status: EFFECTIVE

ID	Location	Details	
P	463m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: WP3131ZF Original Permit Number: WP3534GX	EPR Reference: - Issue Date: 26/03/2013 Effective Date: 26/03/2013 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	463m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS EA/EPR/WP3534GX/A001 Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC ANIMAL RAW MATERIALS (NOT MILK) FOR FOOD >75T/D Permit Number: WP3534GX Original Permit Number: WP3534GX	EPR Reference: - Issue Date: 10/09/2009 Effective Date: 10/09/2009 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	463m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS EA/EPR/WP3534GX/A001 Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: WP3534GX Original Permit Number: WP3534GX	EPR Reference: - Issue Date: 10/09/2009 Effective Date: 10/09/2009 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	463m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC ANIMAL RAW MATERIALS (NOT MILK) FOR FOOD >75T/D Permit Number: WP3131ZF Original Permit Number: WP3534GX	EPR Reference: - Issue Date: 26/03/2013 Effective Date: 26/03/2013 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	463m E	Operator: OSCAR MAYER LIMITED Installation Name: ROWAN FOODS Process: CREATED BY IED - DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: WP3131ZF Original Permit Number: WP3534GX	EPR Reference: - Issue Date: 26/03/2013 Effective Date: 26/03/2013 Last date noted as effective: 01/07/2013 Status: EFFECTIVE

This data is sourced from the Environment Agency and Natural Resources Wales.

4.12 Licensed pollutant release (Part A(2)/B)

Records within 500m	**7**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Address	Details	
B	143m NW	Ipsen Biopharm Ltd, Unit 9, Ash Road North, Wrexham Industrial Estate, Wrexham, LL13 9UF	Process: Plant Health and Biocides Products Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
D	213m NW	Cytec UK Holdings Ltd, Abenbury Way, Wrexham Industrial Estate, Wrexham, LL13 9UZ	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
8	257m N	Cytec Engineered Materials Ltd, Abenbury Way, Wrexham Industrial Estate,Wrexham, LL13 9UZ	Process: Coating Processes Status: Current Permit Permit Type: Part A2	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
L	333m W	Almetron Ltd,Wrexham Metal Finishing Chemicals, Unit 24, Abenbury Way, Wrexham Industrial Estate, LL13 9UZ	Process: Use of Organic Chemicals Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
12	387m N	Caparo Wire Ltd, PO Box 87, Ash Road North, Wrexham Industrial Estate, Wrexham, LL13 9JT	Process: Surface Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: Enforcements Notified Date of enforcement: 30/03/2006 Comment: Wood processing
O	456m NE	JCB Transmissions, Unit 4, Abenbury Way, Wrexham Industrial Estate, Wrexham, LL13 9UF	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
15	492m N	Waste Oil Burners, Unit 3 Abenbury Way, Wrexham Industrial Estate, Wrexham, LL13 9US	Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.

This data is sourced from Local Authority records.

4.13 Radioactive Substance Authorisations

Records within 500m **4**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Address	Details	
E	187m N	Specwood Ltd, Duracell Global Business Management Group, 11 Ash Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UF	Operator: Specwood Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AG0500 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
E	187m N	Specwood Ltd, Duracell Global Business Management Group, 11 Ash Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UF	Operator: Specwood Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AG0500 Date of approval: 22/10/1993	Effective from: 23/12/1993 Last date of update: 01/01/2015 Status: Superseded By Variation
E	187m N	Specwood Ltd, Duracell Global Business Management Group, 11 Ash Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UF	Operator: Specwood Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AG0500 Date of approval: 04/04/1995	Effective from: 04/04/1995 Last date of update: 01/01/2015 Status: Revoked/cancelled
E	187m N	Specwood Ltd, Duracell Global Business Management Group,11 Ash Road,wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UF	Operator: Specwood Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AL0125 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 06/01/2005 Status: Superseded By Variation

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Licensed Discharges to controlled waters

Records within 500m **12**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Address	Details	
5	168m NE	WREXHAMINDESTBRITISHCELANESES, WREXHAMINDESTBRITISHCELANES, BRITISHCELANESESITESUPERSEDED, SUPERSEDEDBYCM0134701	Effluent Type: UNSPECIFIED Permit Number: CM0052201 Permit Version: 1 Receiving Water: UN-NAMED TRIB OF REDWITHER BRO	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 17/10/1968 Effective Date: 17/10/1968 Revocation Date: 26/02/1993
I	235m N	CAPAROSTEELPRODUCTSLTDASHROAD, CAPAROSTEELPRODUCTSLTD, ASHROADNORTH, WREXHAMINDESTATEWREXHAM, LL139JT	Effluent Type: UNSPECIFIED Permit Number: CM0207601 Permit Version: 1 Receiving Water: CLVRTD SCTN OF TRIB OF REDWITH	Status: REVOKED - UNSPECIFIED Issue date: 06/02/1990 Effective Date: 06/02/1990 Revocation Date: 06/11/1995

ID	Location	Address	Details	
K	298m N	CAPARO STEEL PRODUCTS LTD ASH ROAD, CAPARO STEEL PRODUCTS LTD, ASH ROAD NORTH, WREXHAM IND ESTATE WREXHAM, LL13 9JT	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CM0207601 Permit Version: 0 Receiving Water: CLVRTD SCTN OF TRIB OF REDWITH	Status: Effective Issue date: 06/11/1995 Effective Date: 07/11/1995 Revocation Date: -
K	318m N	CAPAROSTEELPRODUCTSLTDASHROAD, ASHROAD, WREXHAMINDESTATE, WREXHAM, LL139JT	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0069301 Permit Version: 1 Receiving Water: UN-NAMED TRIB. OF REDWITHER BR	Status: REVOKED - UNSPECIFIED Issue date: 17/02/1972 Effective Date: 17/02/1972 Revocation Date: 06/11/1995
K	323m N	CAPAROSTEELPRODUCTSLTDASHROAD, ASHROAD, WREXHAMINDESTATE, WREXHAM, LL139JT	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0069301 Permit Version: 2 Receiving Water: UN-NAMED TRIB. OF REDWITHER BR	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 06/11/1995 Effective Date: 07/11/1995 Revocation Date: 24/04/2003
9	333m NW	ROYALITEPLASTICSLTD	Effluent Type: UNSPECIFIED Permit Number: CM0134701 Permit Version: 2 Receiving Water: UNKNOWN	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 03/10/1991 Effective Date: 03/10/1991 Revocation Date: 28/05/1996
N	433m SW	UNIT 2, LITTLE ERLAS, ERLAS LANE, ABENBURY, WREXHAM, LL13 0PE	Effluent Type: - Permit Number: CG0337203 Permit Version: 0 Receiving Water: REDWITHER BROOK	Status: Effective Issue date: 22/04/1993 Effective Date: 22/04/1993 Revocation Date: -
N	433m SW	Unit2, LITTLEERLAS, ERLASLANE, Abenbury, Wrexham, LL130PE	Effluent Type: - Permit Number: CG0337203 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: Effective Issue date: 22/04/1993 Effective Date: 22/04/1993 Revocation Date: -
N	434m SW	UNIT 2, LITTLE ERLAS, ERLAS LANE, ABENBURY, WREXHAM, LL13 0PE	Effluent Type: - Permit Number: CG0337201 Permit Version: 0 Receiving Water: REDWITHER BROOK	Status: Effective Issue date: 22/04/1993 Effective Date: 22/04/1993 Revocation Date: -
N	434m SW	Unit2, LITTLEERLAS, ERLASLANE, Abenbury, Wrexham, LL130PE	Effluent Type: - Permit Number: CG0337201 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: Effective Issue date: 22/04/1993 Effective Date: 22/04/1993 Revocation Date: -

ID	Location	Address	Details	
N	440m SW	UNIT 2, LITTLE ERLAS, ERLAS LANE, ABENBURY, WREXHAM, LL13 0PE	Effluent Type: - Permit Number: CG0337202 Permit Version: 0 Receiving Water: REDWITHER BROOK	Status: Effective Issue date: 22/04/1993 Effective Date: 22/04/1993 Revocation Date: -
N	440m SW	Unit2, LITTLEERLAS, ERLASLANE, Abenbury, Wrexham, LL130PE	Effluent Type: - Permit Number: CG0337202 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: Effective Issue date: 22/04/1993 Effective Date: 22/04/1993 Revocation Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to surface waters (Red List)

Records within 500m	**0**

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 Pollutant release to public sewer

Records within 500m	**0**

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 1 Dangerous Substances

Records within 500m	**0**

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 List 2 Dangerous Substances

Records within 500m	**0**

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution Incidents (EA/NRW)

Records within 500m	6

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 33 >**

ID	Location	Details	
A	120m NE	Incident Date: 09/01/2014 Incident Identification: 1192657 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
10	346m S	Incident Date: 04/02/2016 Incident Identification: 1408258 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Food and Drink	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
M	370m S	Incident Date: 19/08/2019 Incident Identification: 1905523 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 2 (Significant) Land Impact: No Details Air Impact: Category 2 (Significant)
M	370m S	Incident Date: 19/08/2019 Incident Identification: 1905523 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 2 (Significant) Land Impact: No Details Air Impact: Category 2 (Significant)
11	376m N	Incident Date: 19/11/2003 Incident Identification: 202409 Pollutant: Sewage Materials Pollutant Description: Process Effluent	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
14	406m E	Incident Date: 19/10/2015 Incident Identification: 1381826 Pollutant: Organic Chemicals/Products Pollutant Description: Paints and Varnishes	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.20 Pollution inventory substances

Records within 500m	0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory waste transfers

Records within 500m	0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

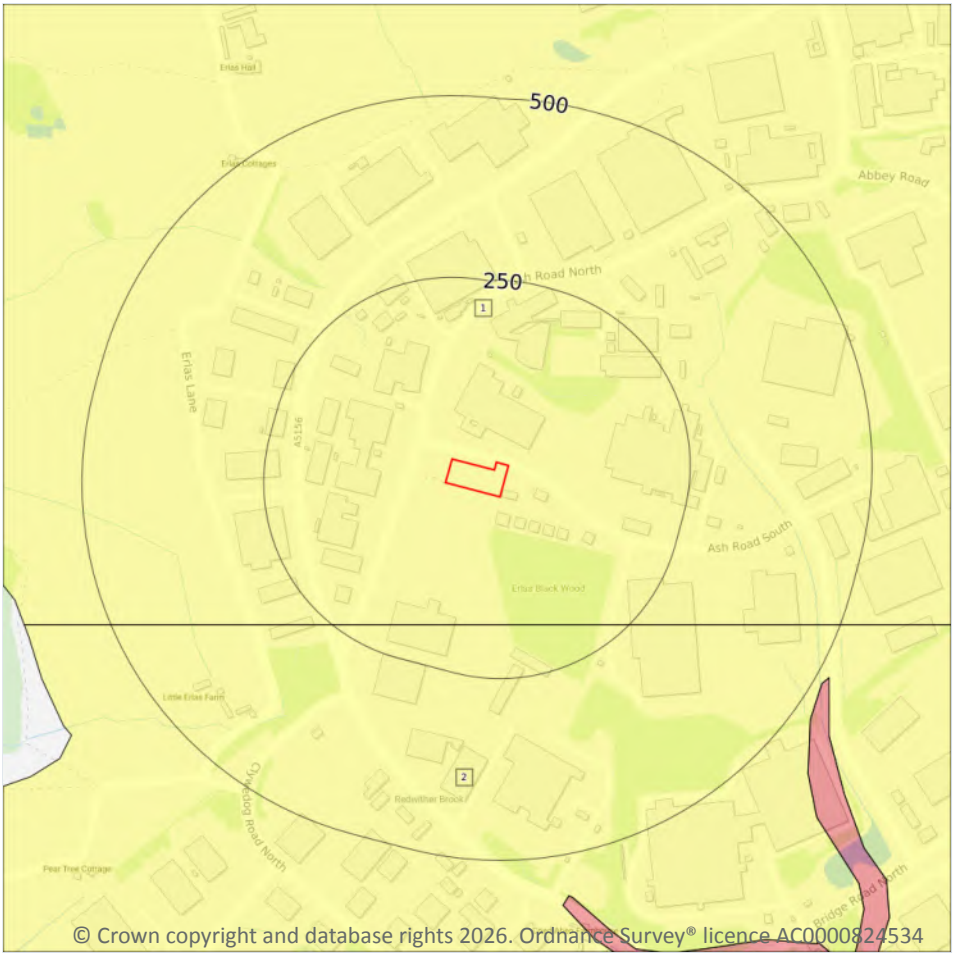
4.22 Pollution inventory radioactive waste

Records within 500m	0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

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

5.1 Superficial aquifer

Records within 500m	2

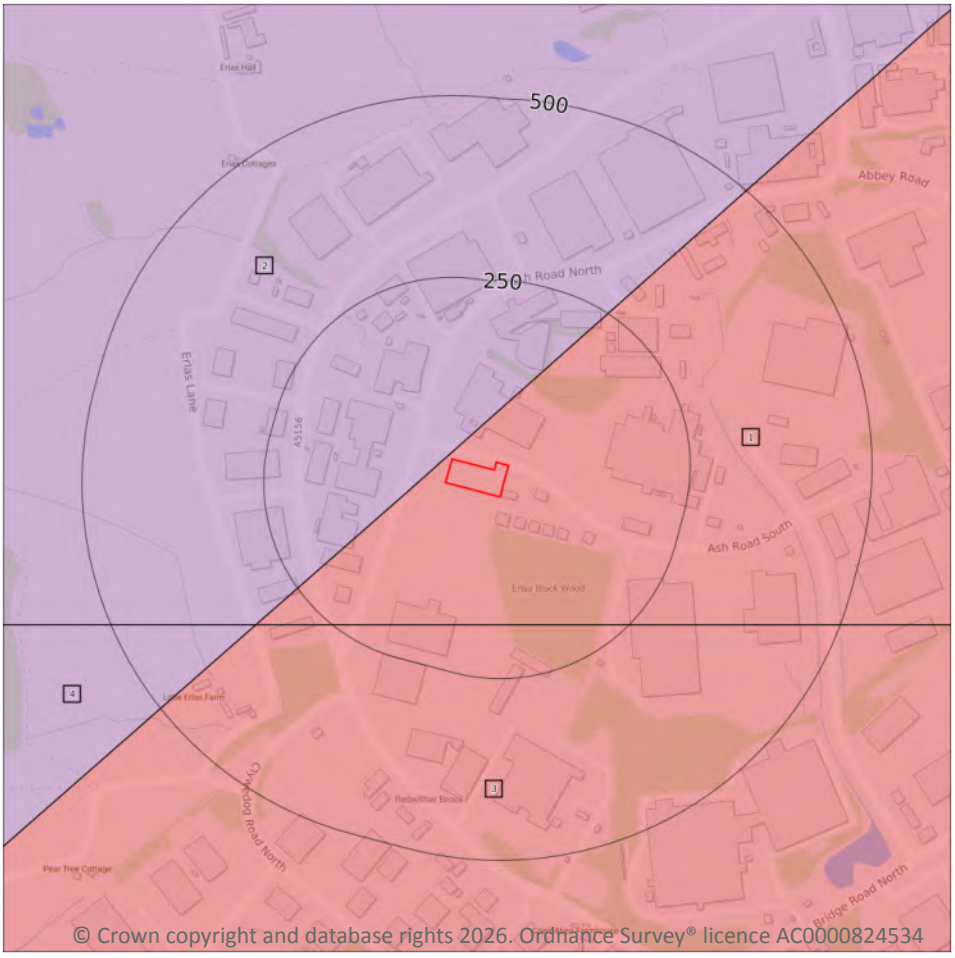
Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 51 >**

ID	Location	Designation	Description
1	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
2	176m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m	4

Aquifer status of groundwater held within bedrock geology.

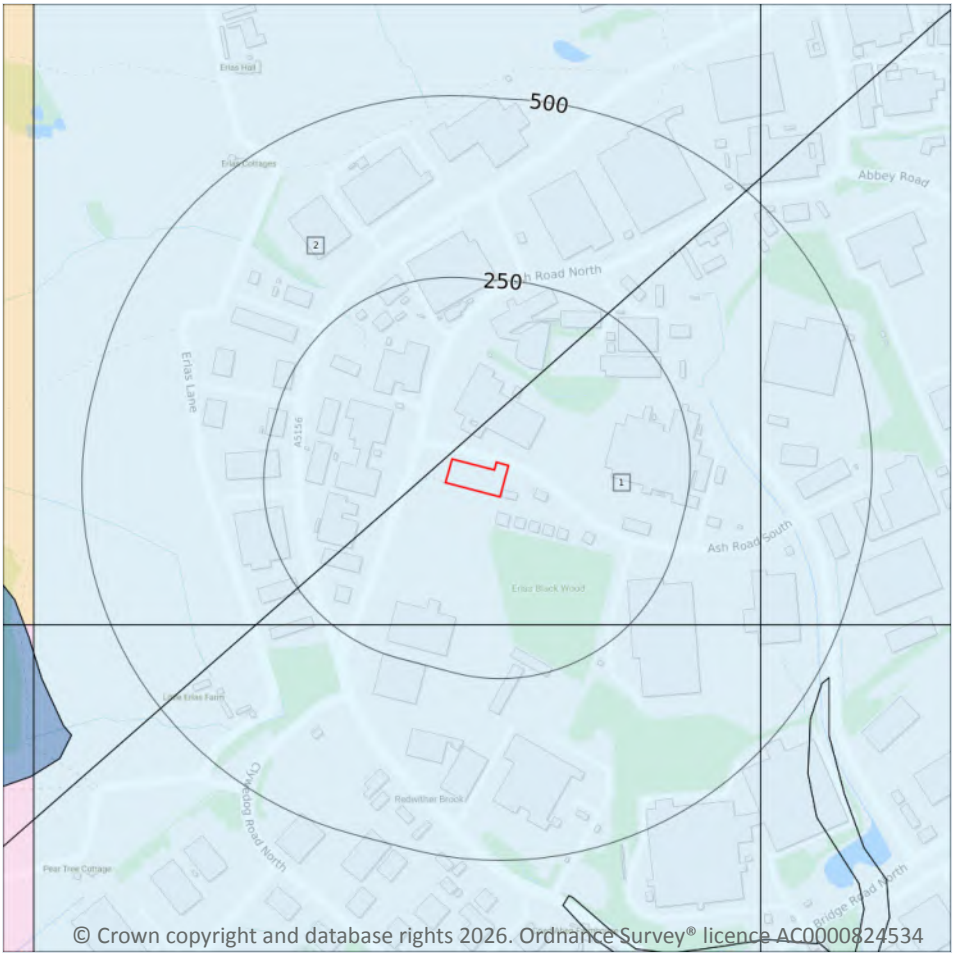
Features are displayed on the Bedrock aquifer map on **page 53 >**

ID	Location	Designation	Description
1	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
2	7m NW	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

ID	Location	Designation	Description
3	176m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	326m SW	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	2

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 55 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year**	**Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low**	**Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures**
2	7m NW	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	**0**

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

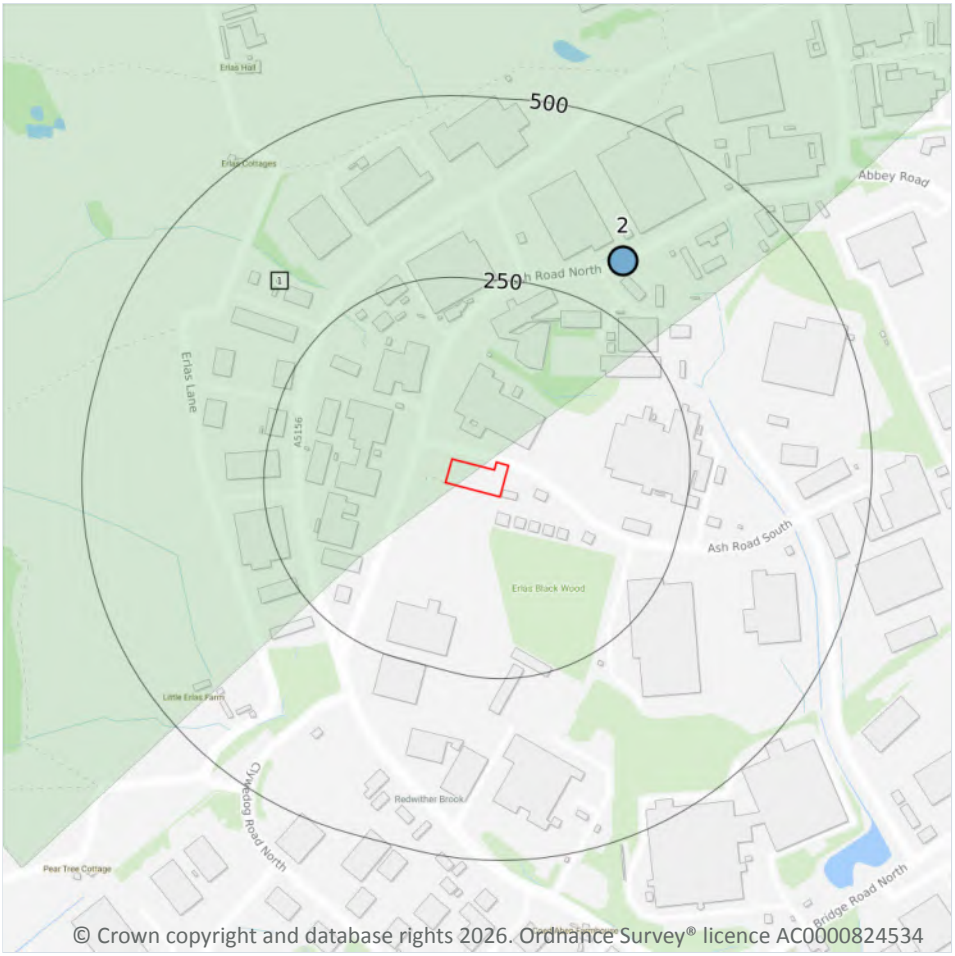
5.5 Groundwater vulnerability- local information

Records on site	**0**

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

5.6 Groundwater abstractions

Records within 2000m	13

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 57 >**

ID	Location	Details	
-	1063m N	Status: Historical Licence No: 24/67/9/0130 Details: General Farming & Domestic Direct Source: EAW Groundwater Point: WELL Data Type: Point Name: Taylor Easting: 337980 Northing: 351230	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 14/06/1968 Expiry Date: - Issue No: 100 Version Start Date: 14/06/1968 Version End Date: -
-	1220m SE	Status: Historical Licence No: 24/67/7/0213 Details: Process water Direct Source: EAW Groundwater Point: 144 M DEEP, 200MM DIA BH AW2 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338360 Northing: 349190	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 10/09/1998 Expiry Date: 10/09/2001 Issue No: 100 Version Start Date: 10/09/1998 Version End Date: -
-	1220m SE	Status: Historical Licence No: 24/67/7/0222 Details: Process Water Direct Source: EAW Groundwater Point: 144 M DEEP, 200MM DIA BH AW2 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338360 Northing: 349190	Annual Volume (m^3): 131400 Max Daily Volume (m^3): 600 Original Application No: - Original Start Date: 10/09/2001 Expiry Date: 31/03/2012 Issue No: 1 Version Start Date: 10/09/2001 Version End Date: -
-	1222m SE	Status: Historical Licence No: WA/067/0007/006 Details: Process Water Direct Source: EAW Groundwater Point: SPECTRUM BUSINESS PARK BOREHOLE AW2 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338350 Northing: 349180	Annual Volume (m^3): 131400 Max Daily Volume (m^3): 600 Original Application No: - Original Start Date: 01/04/2012 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -
-	1240m SE	Status: Historical Licence No: WA/067/0007/006 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA., OB1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338240 Northing: 349090	Annual Volume (m^3): 131400 Max Daily Volume (m^3): 600 Original Application No: - Original Start Date: 01/04/2012 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -

ID	Location	Details	
-	1240m SE	Status: Historical Licence No: 24/67/7/0213 Details: Process water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA., OB1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338240 Northing: 349090	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 10/09/1998 Expiry Date: 10/09/2001 Issue No: 100 Version Start Date: 10/09/1998 Version End Date: -
-	1240m SE	Status: Historical Licence No: 24/67/7/0222 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA., OB1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338240 Northing: 349090	Annual Volume (m^3): 131400 Max Daily Volume (m^3): 600 Original Application No: - Original Start Date: 10/09/2001 Expiry Date: 31/03/2012 Issue No: 1 Version Start Date: 10/09/2001 Version End Date: -
-	1352m SE	Status: Historical Licence No: WA/067/0007/006 Details: Process Water - Medium Direct Source: Underground strata Point: - Data Type: Point Name: - Easting: 338190 Northing: 348940	Annual Volume (m^3): 131400 Max Daily Volume (m^3): 600 Original Application No: - Original Start Date: 02/10/2016 Expiry Date: 30/03/2027 Issue No: - Version Start Date: - Version End Date: -
-	1352m SE	Status: Historical Licence No: WA/067/0007/006 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA. BOREHOLE AW1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338190 Northing: 348940	Annual Volume (m^3): 131400 Max Daily Volume (m^3): 600 Original Application No: - Original Start Date: 01/04/2012 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -
-	1352m SE	Status: Historical Licence No: 24/67/7/0213 Details: Process water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA. BOREHOLE AW1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338190 Northing: 348940	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 10/09/1998 Expiry Date: 10/09/2001 Issue No: 100 Version Start Date: 10/09/1998 Version End Date: -

ID	Location	Details	
-	1352m SE	Status: Historical Licence No: 24/67/7/0222 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA. BOREHOLE AW1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338190 Northing: 348940	Annual Volume (m^3): 131400 Max Daily Volume (m^3): 600 Original Application No: - Original Start Date: 10/09/2001 Expiry Date: 31/03/2012 Issue No: 1 Version Start Date: 10/09/2001 Version End Date: -
-	1973m N	Status: Active Licence No: 24/67/7/0197 Details: Mineral Washing - Low Direct Source: Carboniferous strata at Llan y Pwll, Wrexham Point: - Data Type: Point Name: - Easting: 336870 Northing: 352070	Annual Volume (m^3): 195180 Max Daily Volume (m^3): 533.28 Original Application No: - Original Start Date: 03/12/2021 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	1973m N	Status: Historical Licence No: 24/67/7/0197 Details: Mineral Washing Direct Source: EAW Groundwater Point: BOREHOLE Data Type: Point Name: Lafarge Tarmac Trading Limited Easting: 336870 Northing: 352070	Annual Volume (m^3): 195180 Max Daily Volume (m^3): 533.28 Original Application No: - Original Start Date: 25/08/1982 Expiry Date: - Issue No: 103 Version Start Date: 27/03/2014 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	**1**

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 57 >**

ID	Location	Details	
2	322m NE	Status: Historical Licence No: 24/67/7/0178 Details: Non-Evaporative Cooling Direct Source: EAW Surface Water Point: TRIBUTARY OF REDWITHER BROOK Data Type: Point Name: Caparo Wire Ltd Easting: 337810 Northing: 350500	Annual Volume (m^3): 9955.74 Max Daily Volume (m^3): 27.276 Original Application No: - Original Start Date: 12/05/1972 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2007 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	1

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

Features are displayed on the Abstractions and Source Protection Zones map on **page 57 >**

ID	Location	Type	Description
1	**On site**	**3**	**Total catchment**

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



Site Outline

Search buffers in metres (m)

Water Network (OS NGD)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS NGD)

Records within 250m	5

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 62 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
B	112m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
1	114m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
2	155m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	188m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	194m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey®.

6.2 Surface water features

Records within 250m	**3**

Covering rivers, streams and lakes (some overlap with OS NGD Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 62 >**

This data is sourced from the Ordnance Survey®.

6.3 WFD Surface water body catchments

Records on site	**1**

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 62 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	**On site**	**River WB catchment**	**Clywedog - Dee to Gwenfro**	**GB111067052110**	**Clywedog - Dee**	**Dee**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site.

Features are displayed on the Hydrology map on **page 62 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1386m SE	River	Clywedog - Dee to Gwenfro	GB111067052110	Moderate	Fail	Moderate	2016

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

Features are displayed on the Hydrology map on **page 62 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	**On site**	**Dee Permo-Triassic Sandstone**	**GB41101G202400**	**Poor**	**Poor**	**Good**	**2019**

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m	0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m	0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

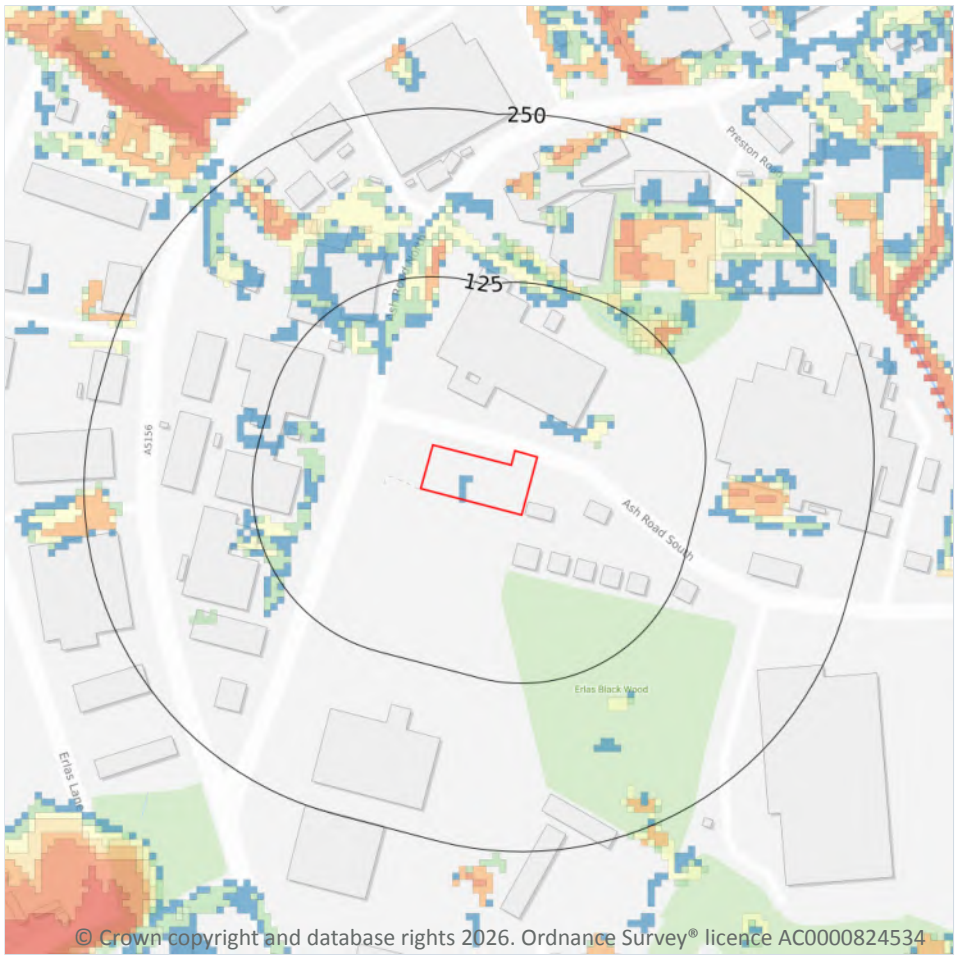
7.7 Flood Zone 3

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



Site Outline
Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 1000 year, 0.1m - 0.3m**
Highest risk within 50m	**1 in 100 year, 0.1m - 0.3m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 68 >**

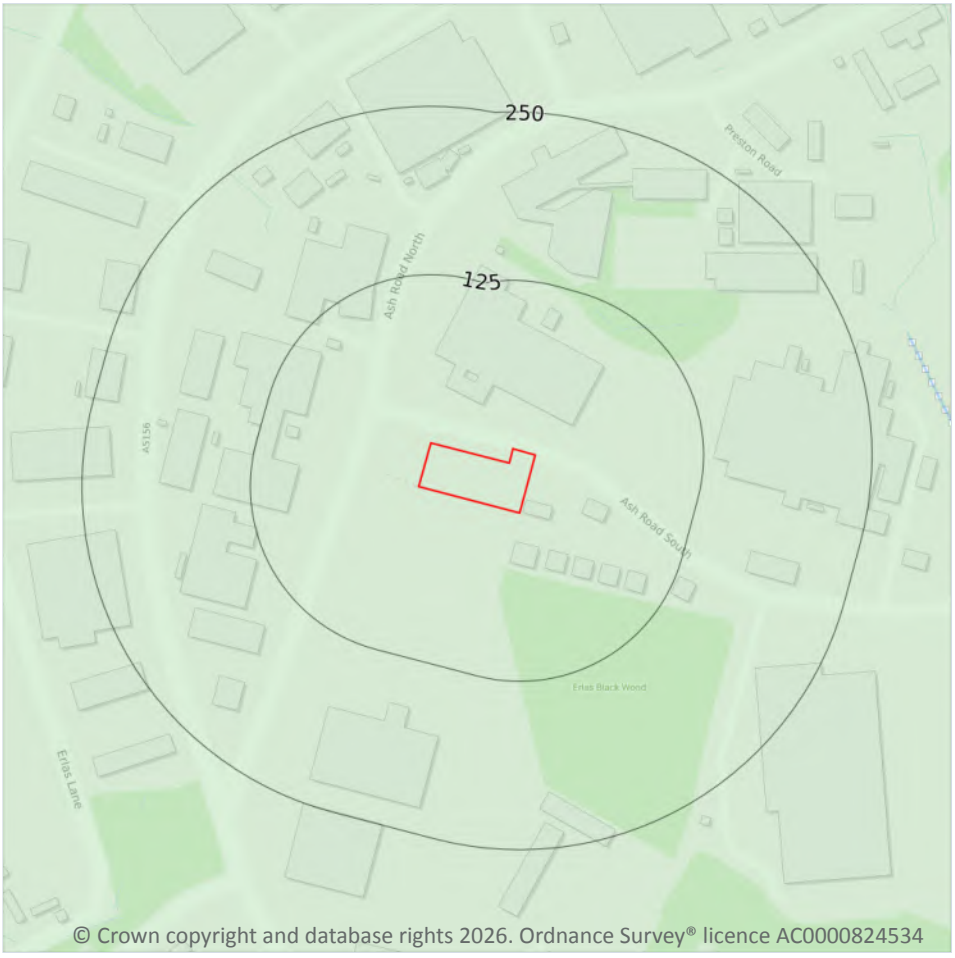
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on

a site. The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.1m and 0.3m
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

High

Moderate - High

Moderate

Low

Negligible

9.1 Groundwater flooding

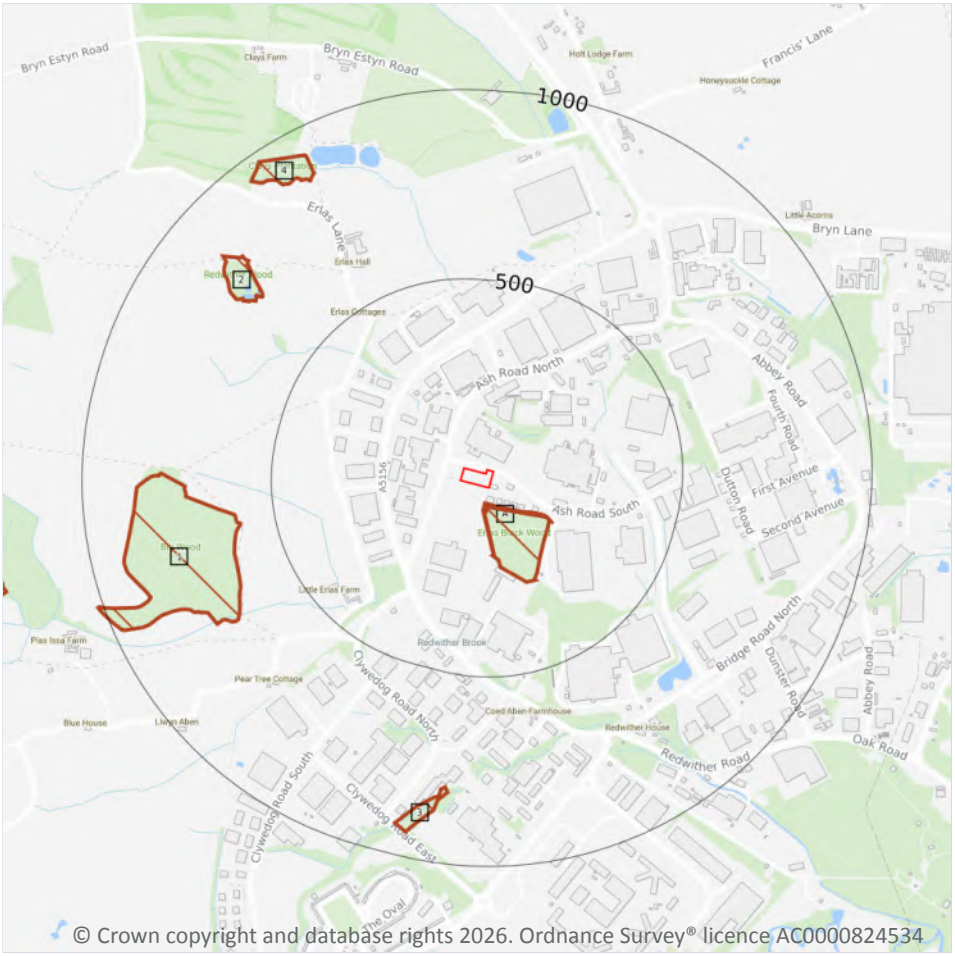
Highest risk on site	**Low**
Highest risk within 50m	**Low**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 70 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	12

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 71 >**

ID	Location	Name	Woodland Type
A	42m S	Unknown	Restored Ancient Woodland Site
A	51m S	Unknown	Restored Ancient Woodland Site
1	593m W	Unknown	Ancient Semi Natural Woodland
2	699m NW	Unknown	Ancient Semi Natural Woodland
3	799m S	Unknown	Ancient Semi Natural Woodland
4	861m NW	Unknown	Restored Ancient Woodland Site
5	1235m W	Unknown	Ancient Semi Natural Woodland
-	1549m NW	Unknown	Ancient Semi Natural Woodland
-	1729m W	Unknown	Ancient Semi Natural Woodland
-	1901m W	Unknown	Ancient Semi Natural Woodland
-	1980m SW	Unknown	Ancient Semi Natural Woodland
-	1989m SW	Unknown	Restored Ancient Woodland Site

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

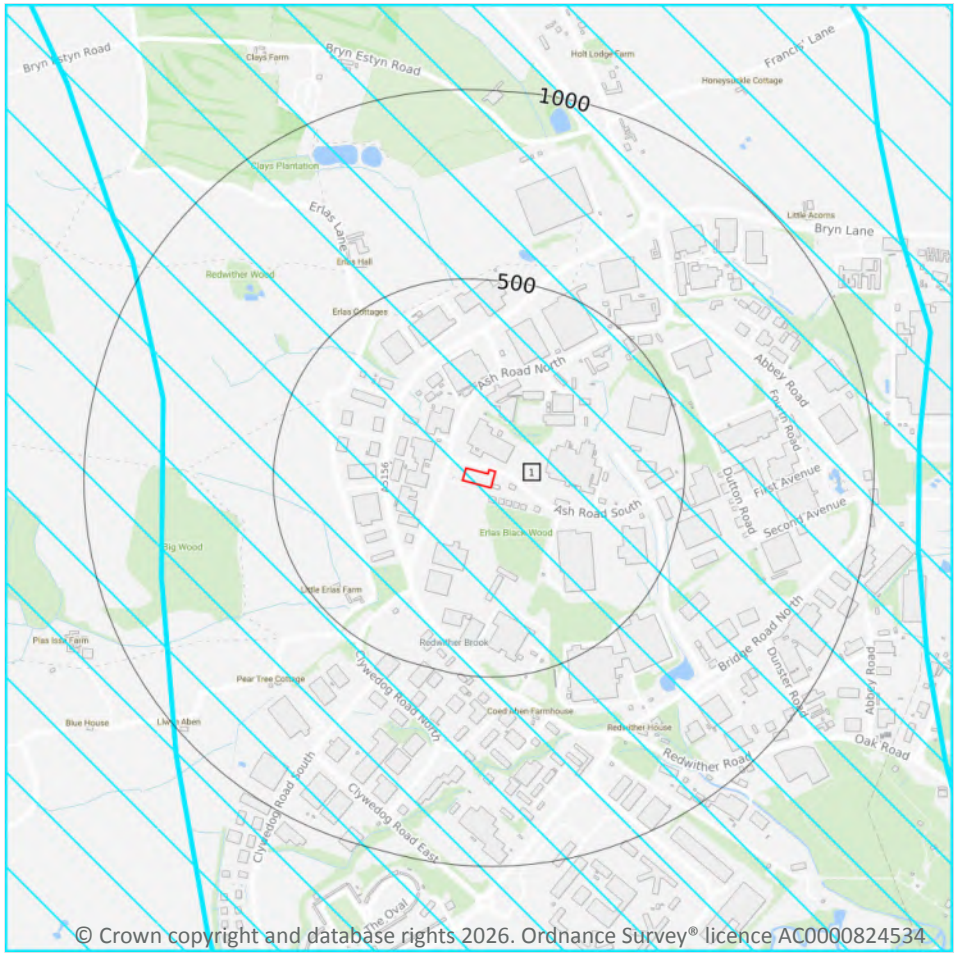
10.16 Nitrate Vulnerable Zones

Records within 2000m	0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site	1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 76 >**

ID	Location	Type of developments requiring consultation
1	**On site**	**https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0300000430000&notes=&location=338166,349448%20(IRZ%20polygon%20centre)**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

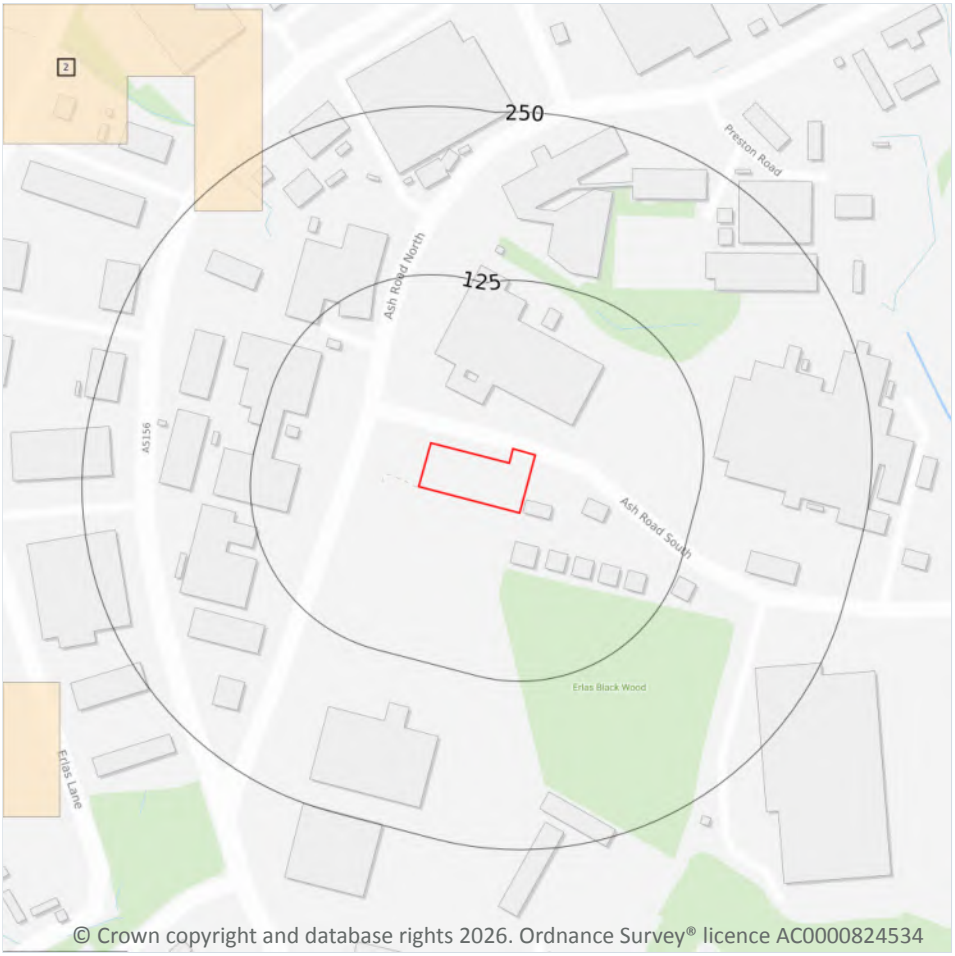
11.7 Registered Parks and Gardens

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Timber felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 80 >**

ID	Location	Classification	Description
2	213m NW	Grade 3a	Good to moderate quality agricultural land

This data is sourced from Natural Resources Wales.

12.2 Open Access Land

Records within 250m	0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m	0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

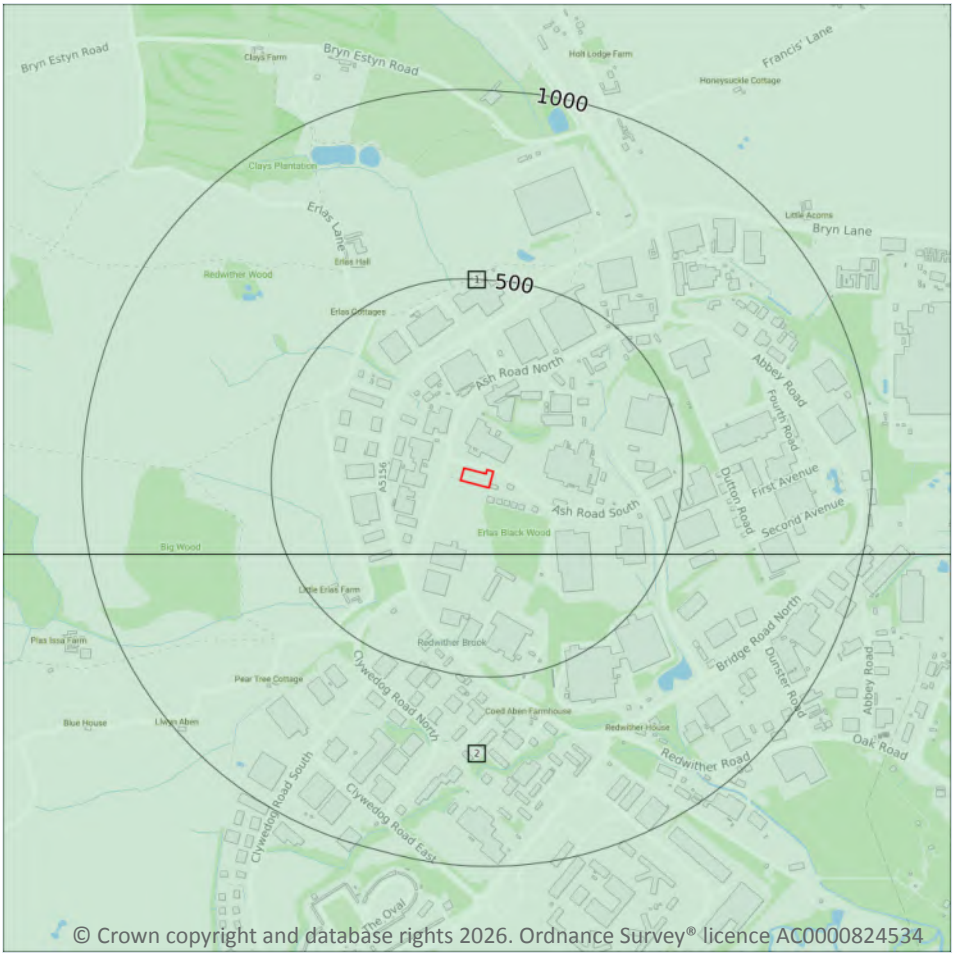
13.4 Limestone Pavement Orders

Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m	2

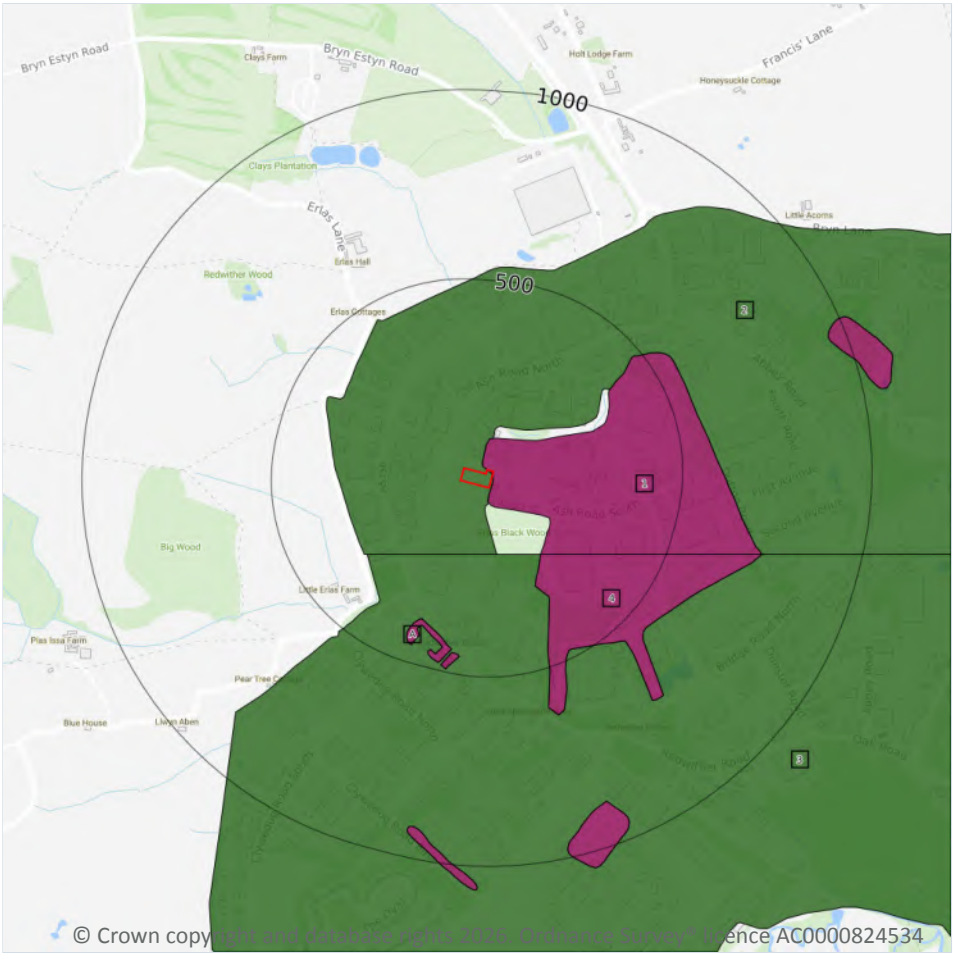
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 83 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**SJ35SE**
2	176m S	Full	Full	Full	No coverage	SJ34NE

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m	6

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

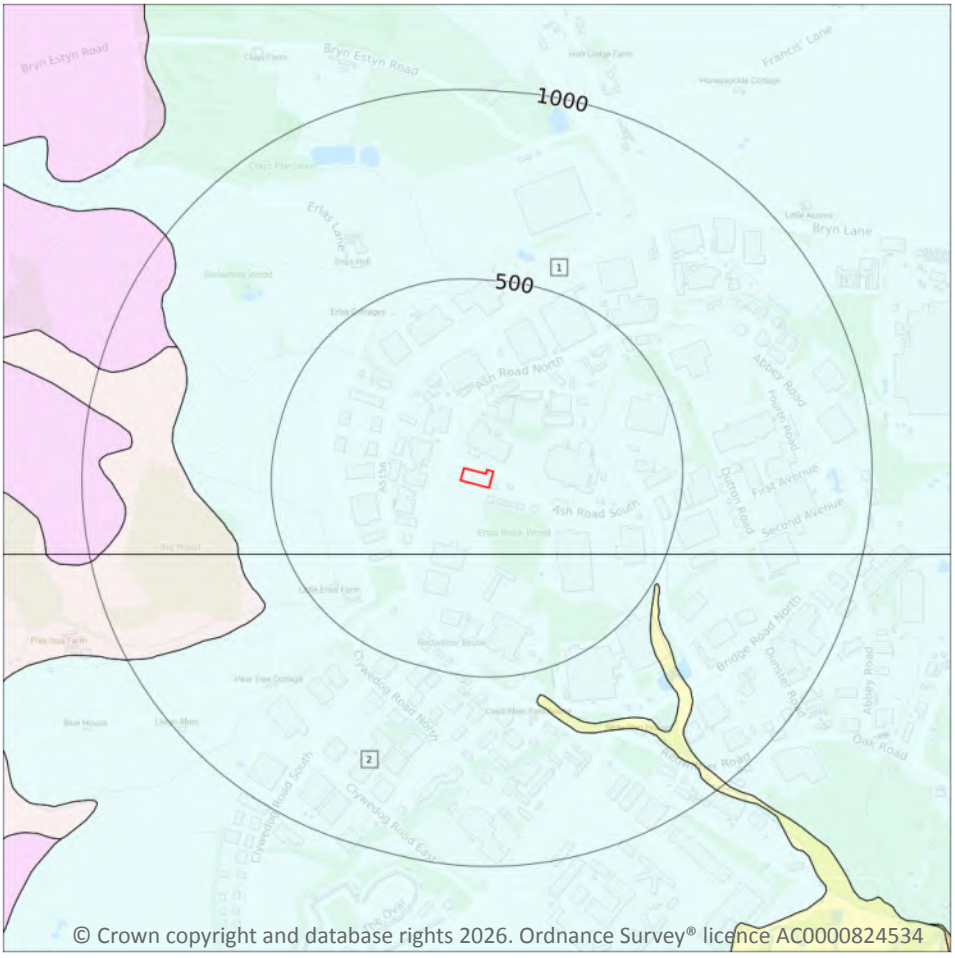
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 84 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial deposit**
2	**On site**	**LSGR-ARTGR**	**Landscaped Ground (Undivided)**	**Artificially modified ground**
3	176m S	LSGR-ARTGR	Landscaped Ground (Undivided)	Artificially modified ground
4	222m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit

ID	Location	LEX Code	Description	Rock description
A	379m S	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
A	446m S	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m	2

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 86 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**TILL-DMTN**	**Till-Diamicton**	**Diamicton**
2	176m S	TILL-DMTN	Till-Diamicton	Diamicton

This data is sourced from the British Geological Survey.

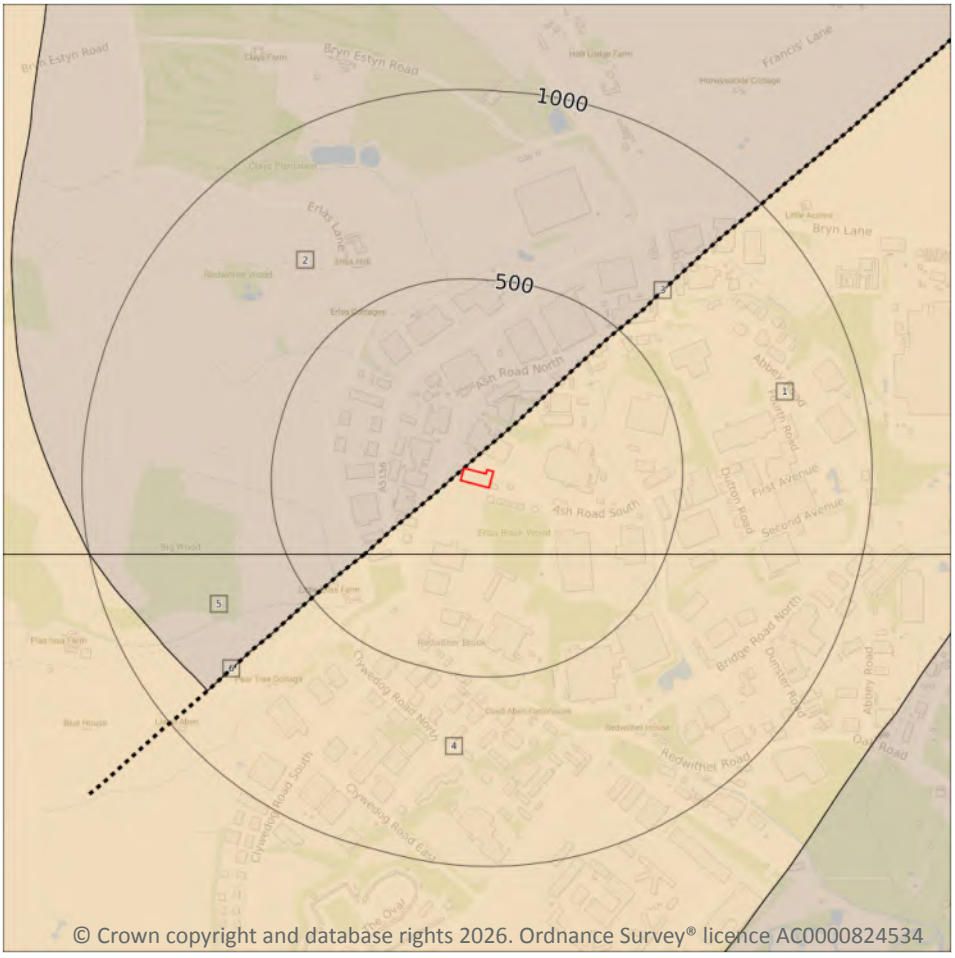
14.4 Landslip (10k)

Records within 500m	0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m **4**

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 88 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**SAL-MDSC**	**Salop Formation-Mudstone, Sandstone And Conglomerate**	**Westphalian**
2	**On site**	**KNSF-SDST**	**Kinnerton Sandstone Formation-Sandstone**	**Not Defined**
4	176m S	SAL-MDSC	Salop Formation-Mudstone, Sandstone And Conglomerate	Westphalian

ID	Location	LEX Code	Description	Rock age
5	321m SW	KNSF-SDST	Kinnerton Sandstone Formation-Sandstone	Not Defined

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**2**

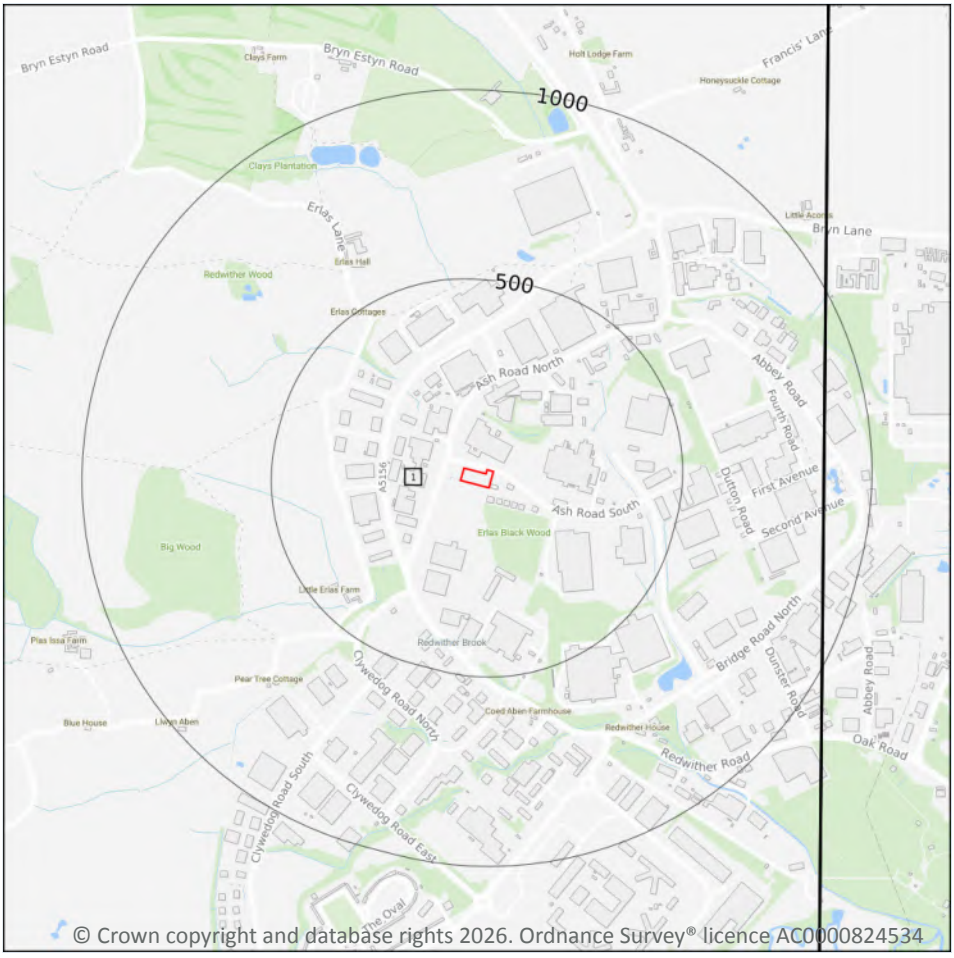
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 88 >**

ID	Location	Category	Description
3	**On site**	**FAULT**	**Fault, inferred, displacement unknown**
6	321m SW	FAULT	Fault, inferred, displacement unknown

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

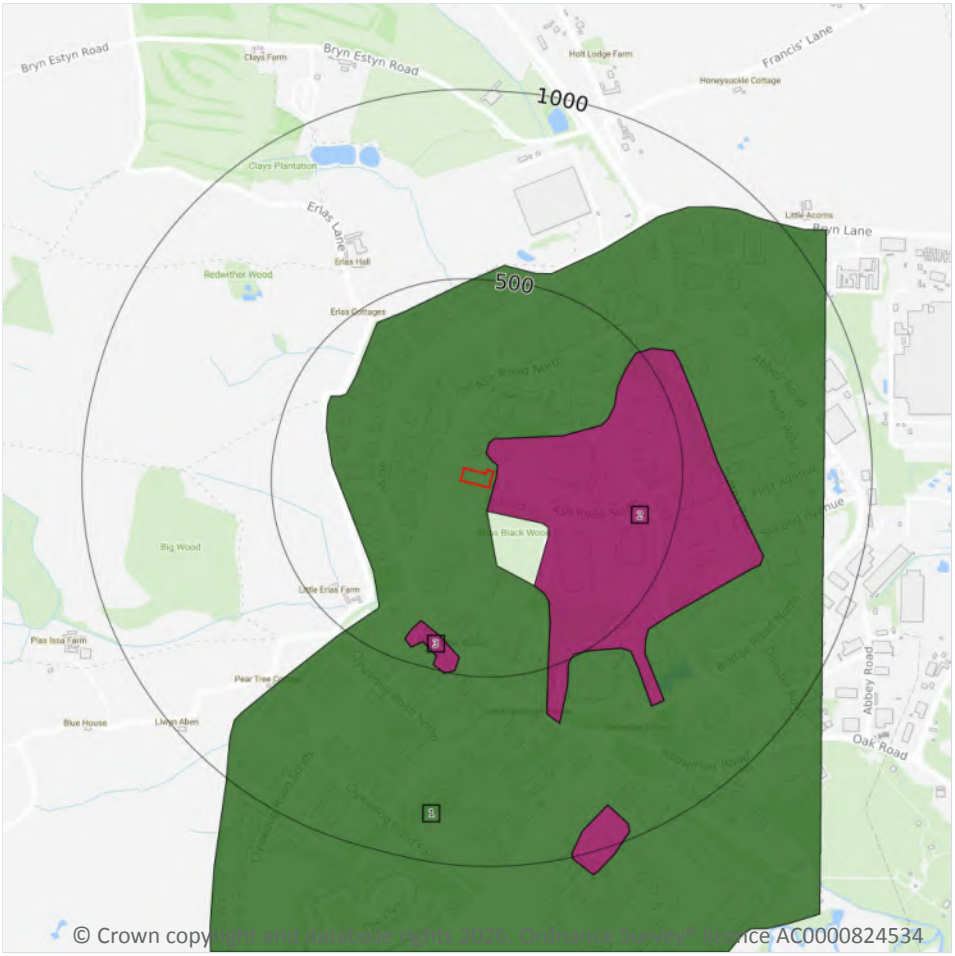
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme. Where 50k data is not available, this area has been filled in with 625k scale data.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 90 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW121_wrexham_v4**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m	3

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 91 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**LSGR-ARTGR**	**Landscaped Ground**	**Artificially modified ground**
2	9m E	MGR-ARTDP	Made Ground	Artificial deposit
3	385m S	MGR-ARTDP	Made Ground	Artificial deposit

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

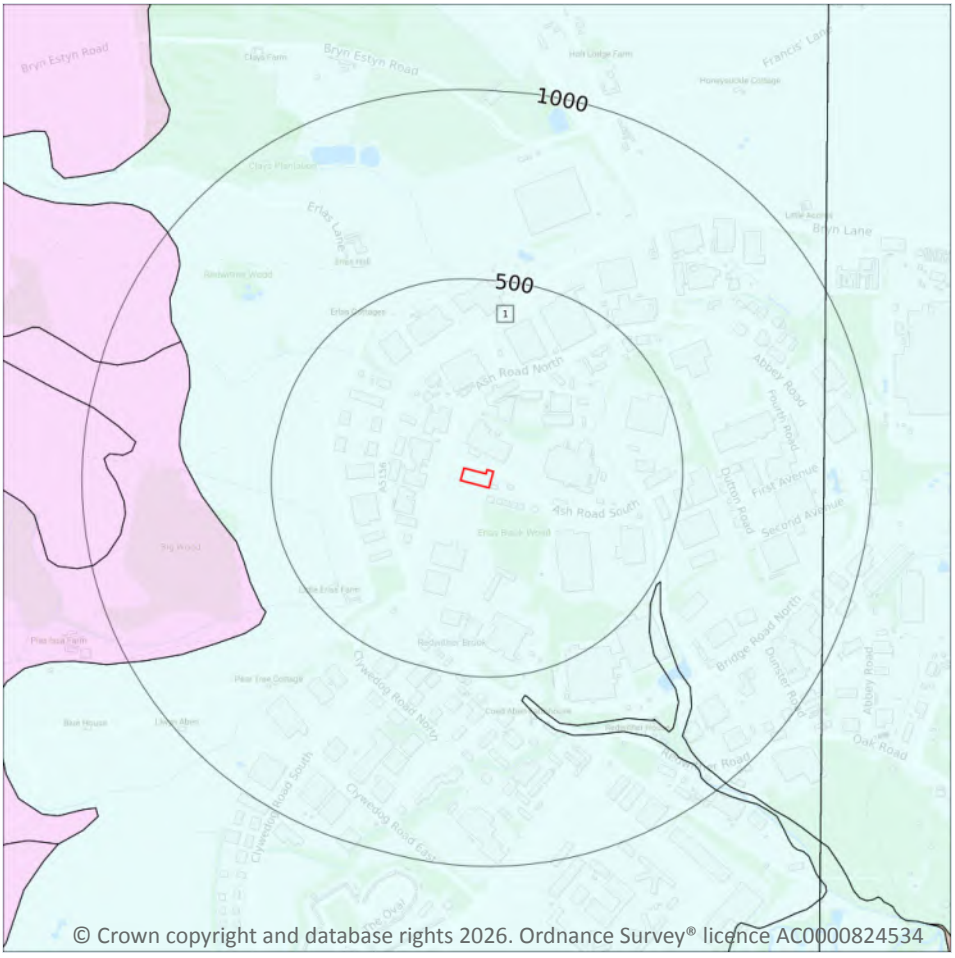
Records within 50m	**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**Very High**	**Low**
9m E	Mixed	Very High	Low

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m **1**

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 93 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**TILLD-DMTN**	**Till, Devensian**	**Diamicton**

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	1

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**High**	**Low**

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

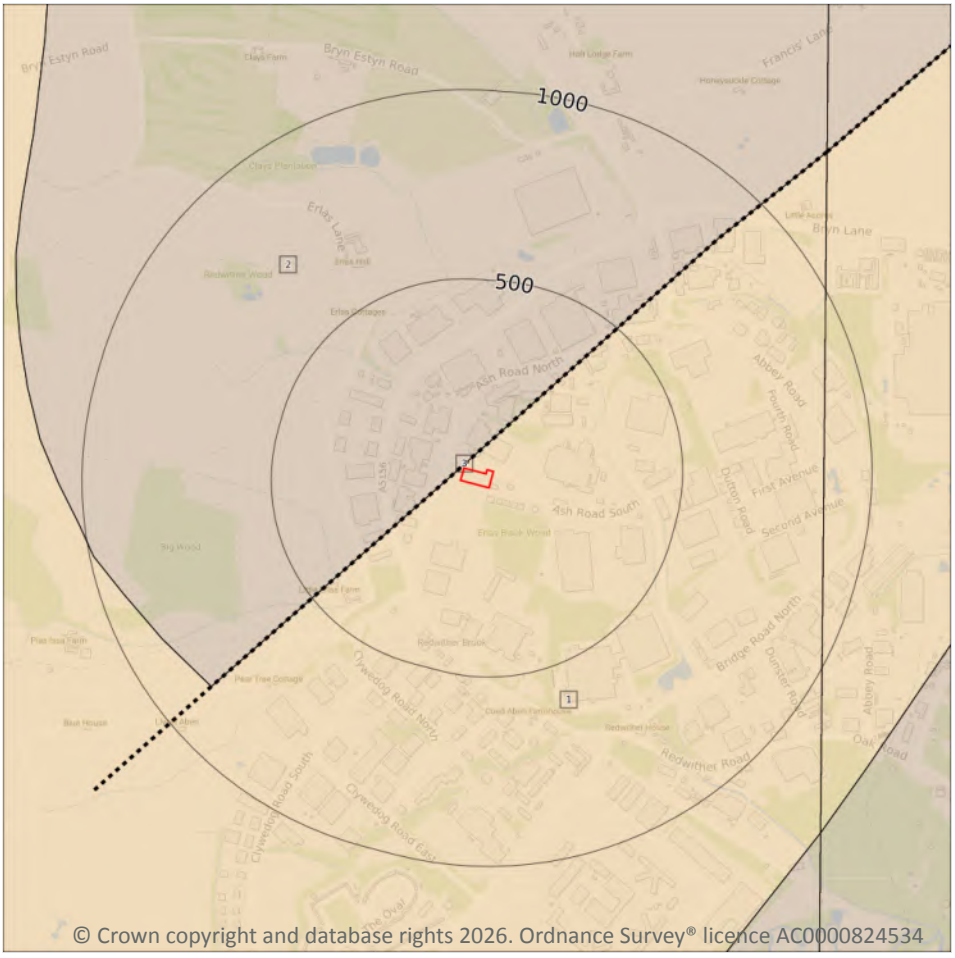
15.7 Landslip permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m	2

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 95 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**SAL-MDSC**	**Salop Formation-Mudstone, sandstone and conglomerate**	**Westphalian**
2	7m NW	KNSF-SDST	Kinnerton Sandstone Formation-Sandstone	Not Defined

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Moderate**	**Low**
7m NW	Intergranular	High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**1**

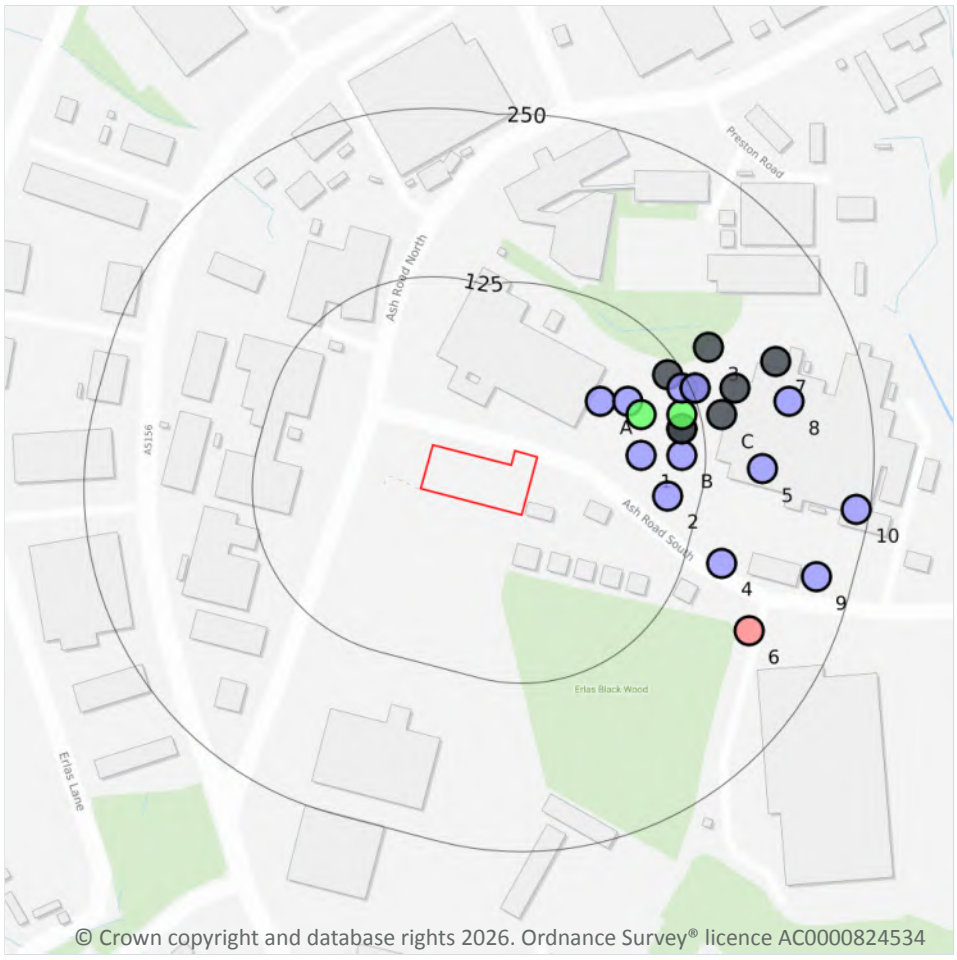
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 95 >**

ID	Location	Category	Description
3	7m NW	FAULT	Fault, inferred, displacement unknown

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

Confidential

0 - 10m

10 - 30m

30m+

Unknown

16.1 BGS Boreholes

Records within 250m	23

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

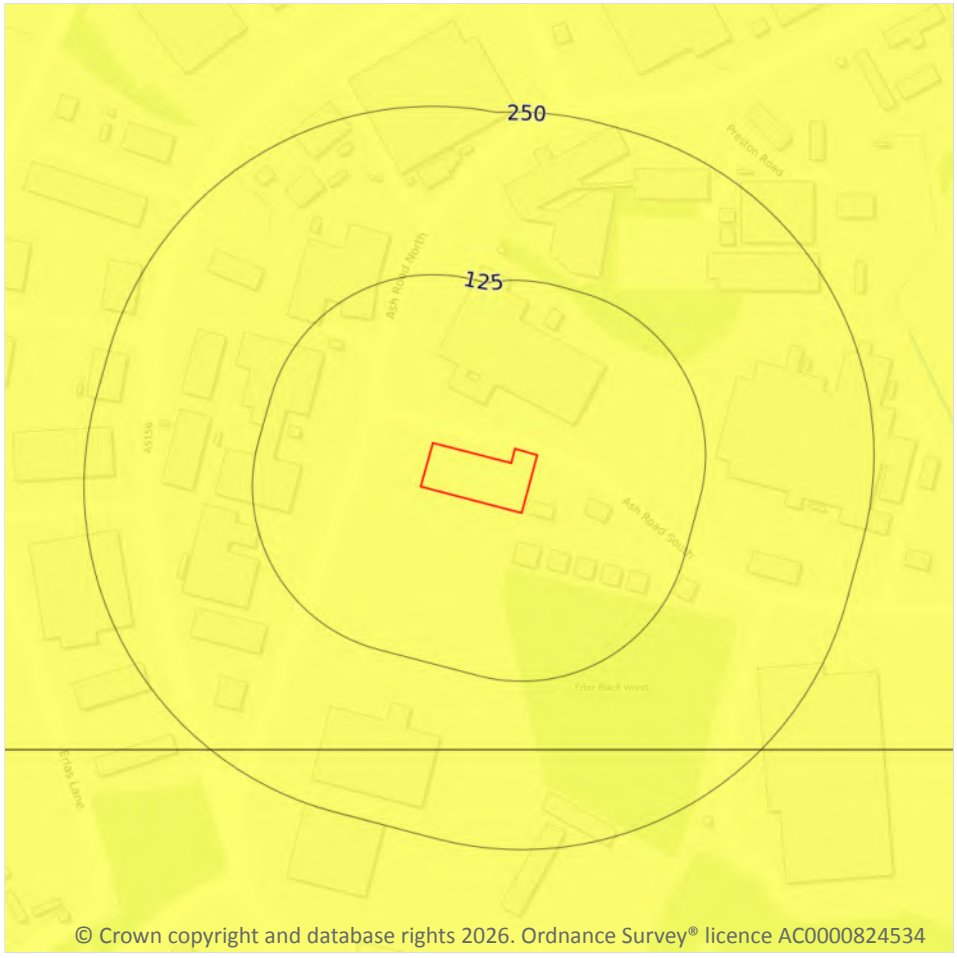
Features are displayed on the Boreholes map on **page 97 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	63m NE	337700 350260	WREXHAM INDUSTRIAL ESTATE, WREXHAM 1.	6.5	N	18059835 ↗
1	77m E	337730 350220	REDWITHER BROOK, FEED MILL. 5	5.0	N	154695 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	79m NE	337720 350260	REDWITHER BROOK, FEED MILL. 6	5.0	N	154696 ↗
A	83m E	337730 350250	REDWITHER BROOK, FEED MILL. 1	24.0	N	154691 ↗
2	101m E	337750 350190	WREXHAM INDUSTRIAL ESTATE, WREXHAM 3.	6.5	N	18059837 ↗
B	107m E	337760 350220	REDWITHER BROOK, FEED MILL. 4	5.0	N	154694 ↗
B	109m E	337760 350240	BETTS PLASTICS WREXHAM. 5	-	Y	N/A
B	109m E	337760 350240	BETTS PLASTICS WREXHAM. 5A	-	Y	N/A
B	112m E	337760 350250	REDWITHER BROOK, FEED MILL. 2	18.0	N	154692 ↗
B	115m NE	337750 350280	BETTS PLASTICS WREXHAM. 6	-	Y	N/A
B	119m NE	337760 350270	REDWITHER BROOK, FEED MILL. 3	5.0	N	154693 ↗
B	128m NE	337770 350270	BETTS PLASTICS WREXHAM. 4	-	Y	N/A
B	128m NE	337770 350270	WREXHAM INDUSTRIAL ESTATE, WREXHAM 2.	6.5	N	18059836 ↗
C	141m E	337790 350250	BETTS PLASTICS WREXHAM. 3	-	Y	N/A
3	151m NE	337780 350300	BETTS PLASTICS WREXHAM. 2	-	Y	N/A
4	153m E	337790 350140	WREXHAM INDUSTRIAL ESTATE, WREXHAM 6.	6.5	N	18059840 ↗
C	156m E	337800 350270	BETTS PLASTICS WREXHAM. 7	-	Y	N/A
5	167m E	337820 350210	WREXHAM INDUSTRIAL ESTATE, WREXHAM 5.	6.0	N	18059839 ↗
6	189m SE	337810 350090	BRITISH CELANESE W59A	31.39	N	154621 ↗
7	191m E	337830 350290	BETTS PLASTICS WREXHAM. 1	-	Y	N/A
8	192m E	337840 350260	WREXHAM INDUSTRIAL ESTATE, WREXHAM 4.	6.0	N	18059838 ↗
9	223m E	337860 350130	WREXHAM INDUSTRIAL ESTATE, WREXHAM 9.	6.5	N	18059843 ↗
10	240m E	337890 350180	WREXHAM INDUSTRIAL ESTATE, WREXHAM 8.	6.5	N	18059842 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	1

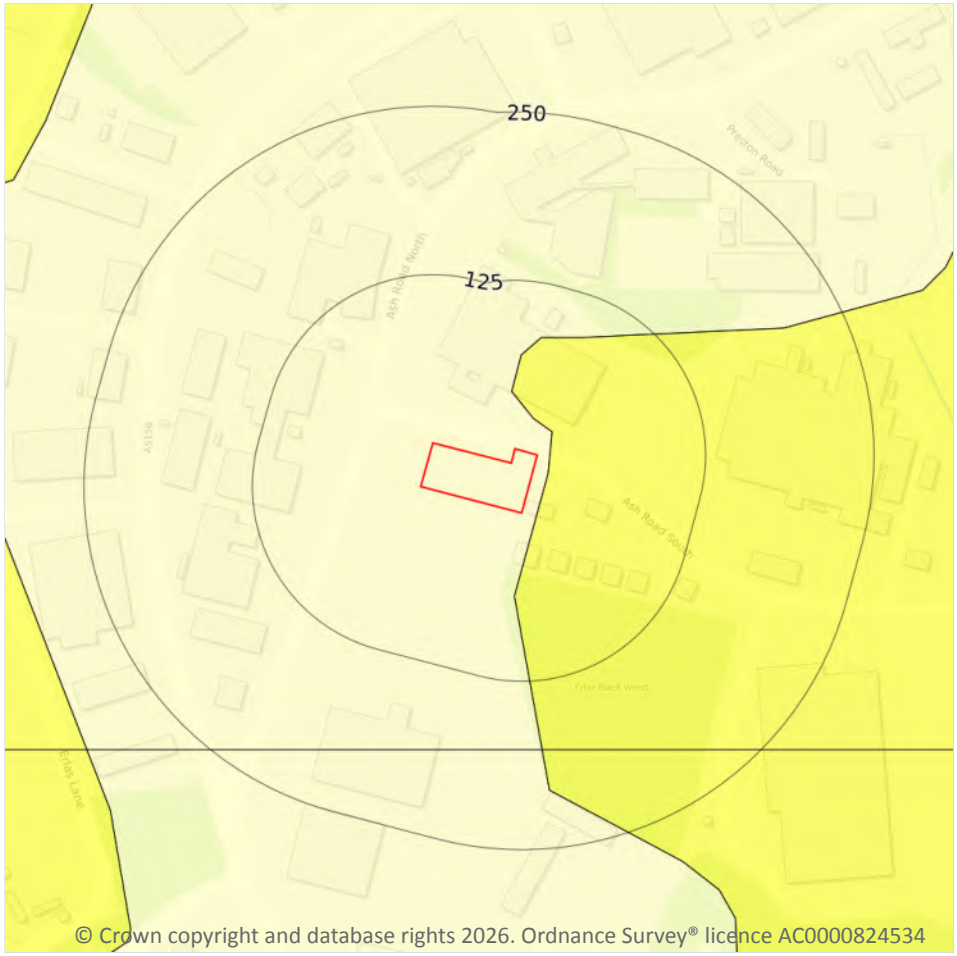
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 99 >**

Location	Hazard rating	Details
On site	**Very low**	**Ground conditions predominantly low plasticity.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

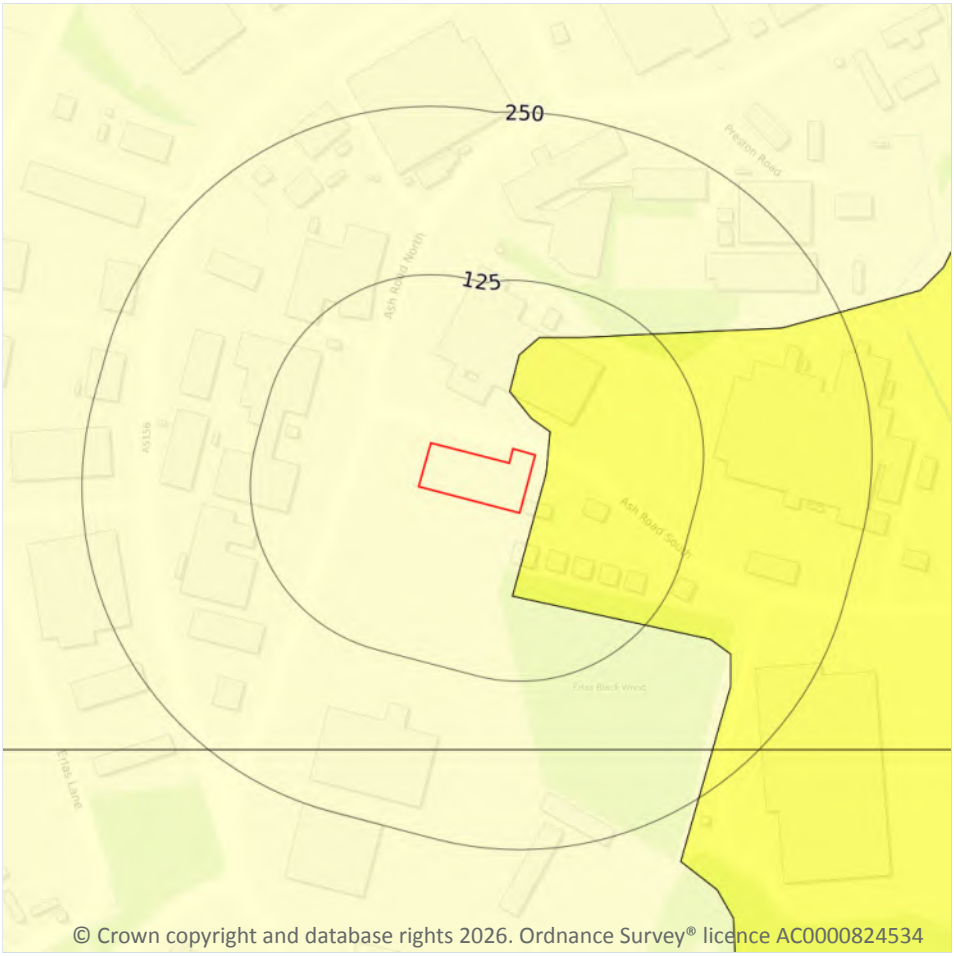
Features are displayed on the Natural ground subsidence - Running sands map on **page 100 >**

Location	Hazard rating	Details
On site	**Negligible**	**Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.**

Location	Hazard rating	Details
9m E	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	2

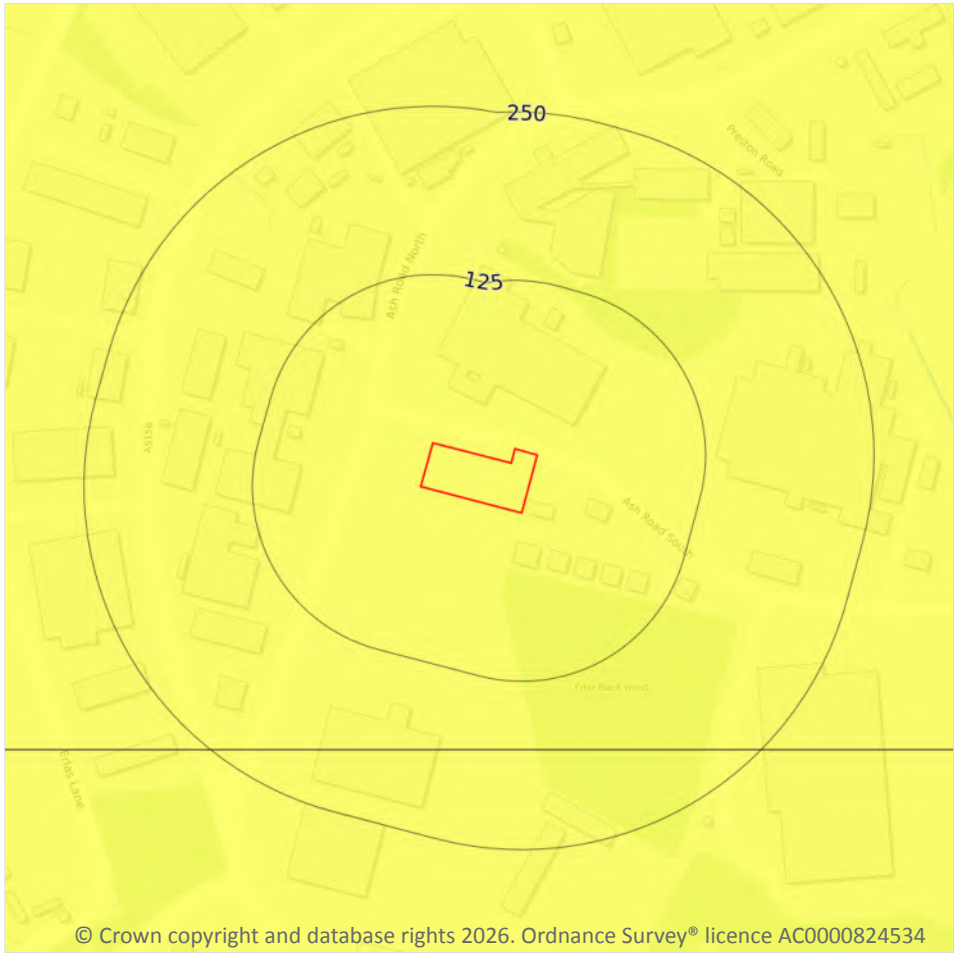
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 102 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
9m E	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	1

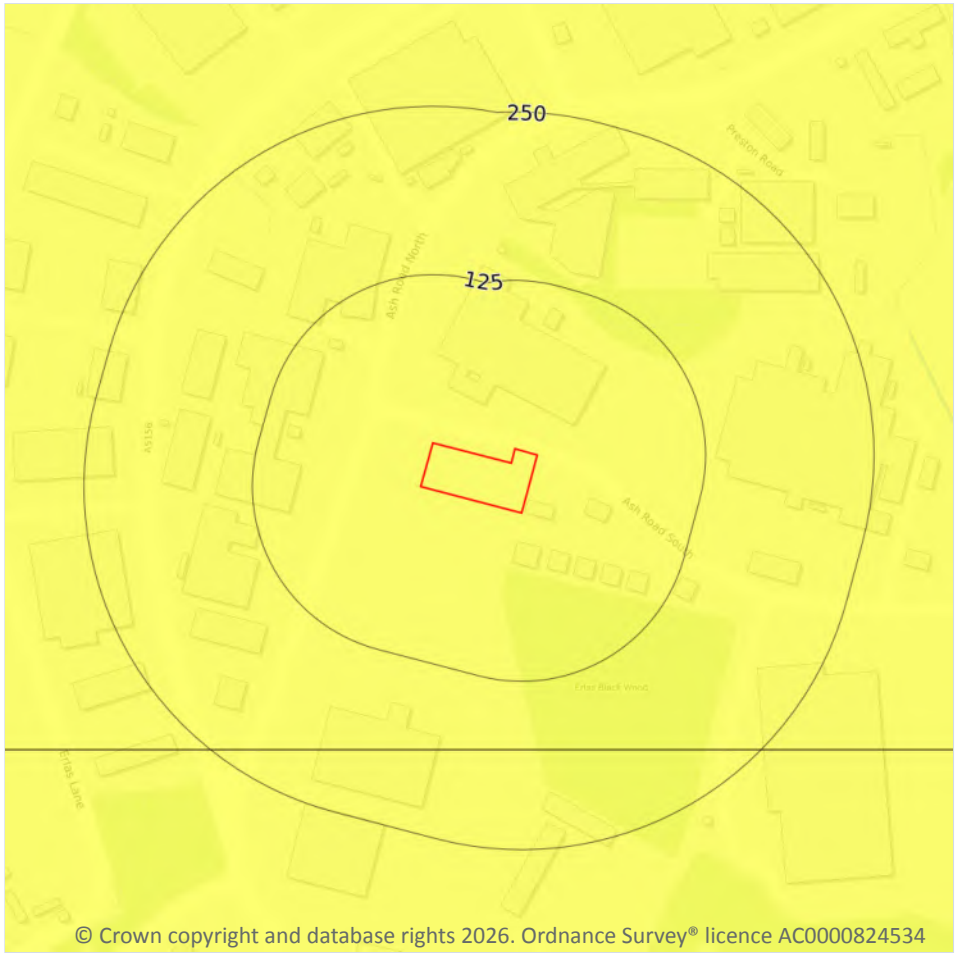
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 104 >**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	1

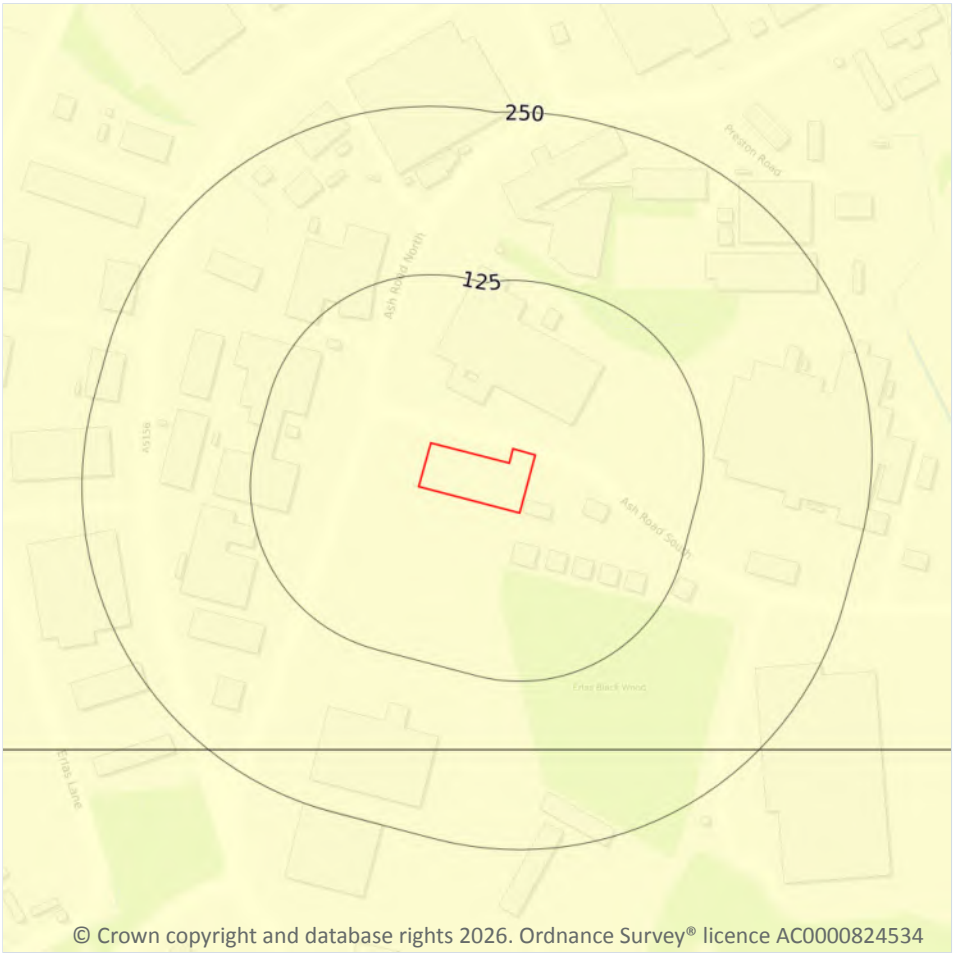
The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 105 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 106 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining and ground workings



Site Outline

Search buffers in metres (m)

- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining

Non Coal Mining

- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m	0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	5

Historical land uses identified from Ordnance Survey® mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 108 >**

ID	Location	Land Use	Year of mapping	Mapping scale
A	142m NE	Water Bodies	1960	1:10560
A	142m NE	Water Bodies	1968	1:10560
B	233m S	Ponds	1898	1:10560
B	234m S	Ponds	1938	1:10560
B	235m S	Ponds	1872	1:10560

This is data is sourced from Ordnance Survey®/Groundsure.

18.3 Underground workings

Records within 1000m	0

Historical land uses identified from Ordnance Survey® mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey®/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	1

Areas which could be affected by past, current or future coal mining.

Location	Details
On site	**The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.**

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

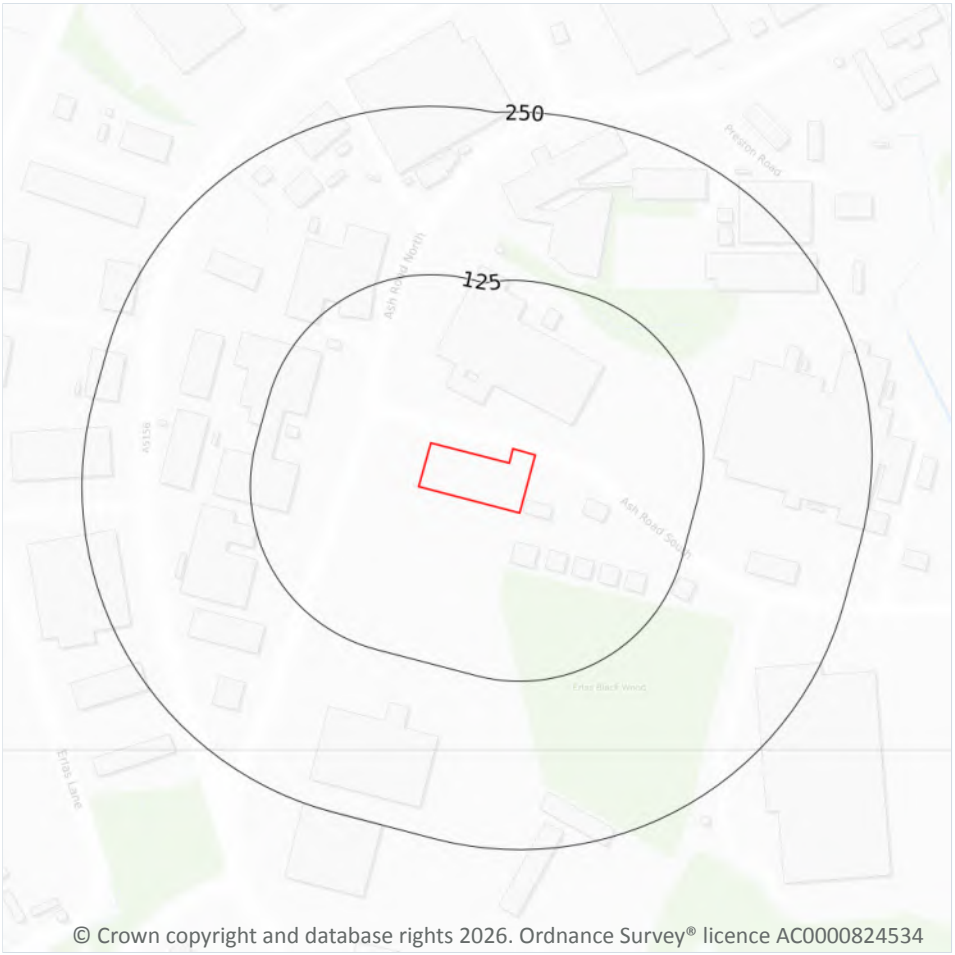
Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey® maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey® mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

20 Radon



© Crown copyright and database rights 2026. Ordnance Survey® licence AC0000824534

Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 115 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Less than 1%**	**None**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m	2

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
7m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects



Site Outline

Search buffers in metres (m)

- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey® mapping.

This data is sourced from the Ordnance Survey®.

22.4 Historical railway and tunnel features

Records within 250m	6

Railways and tunnels digitised from historical Ordnance Survey® mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 118 >**

Location	Land Use	Year of mapping	Mapping scale
63m S	Railway Sidings	1960	10560
63m S	Railway Sidings	1968	10560
70m S	Railway Sidings	1961	2500
177m N	Railway Sidings	1960	10560
177m N	Railway Sidings	1968	10560
193m N	Mineral Railway Sidings	1961	2500

This data is sourced from Ordnance Survey®/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey® and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

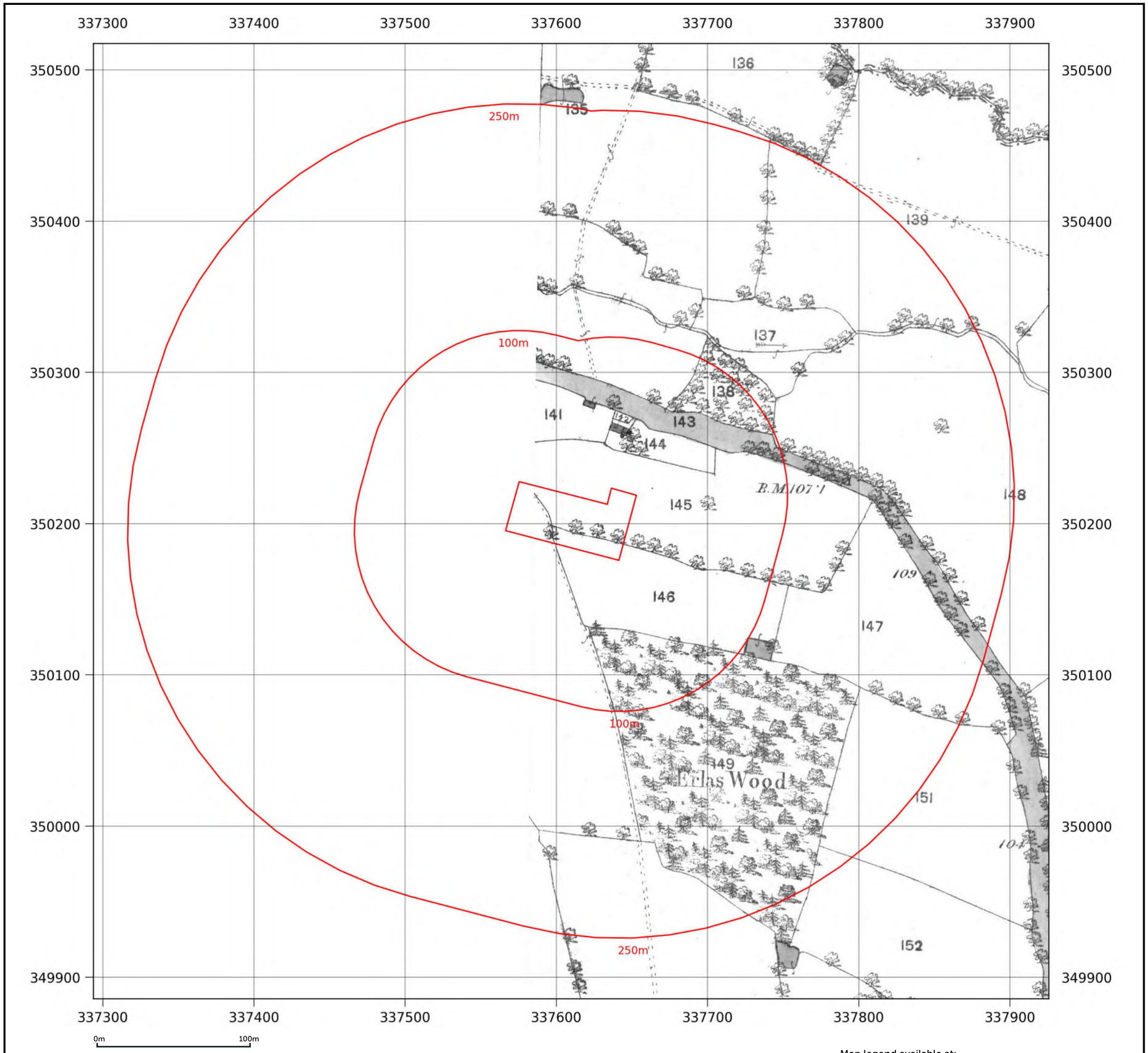
This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-conditions-april-2026/ ↗.



© Crown copyright and database rights 2026 Ordnance Survey AC0000824534

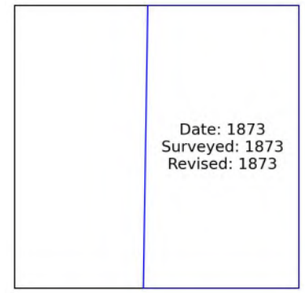
Map legend available at:
knowledge.groundsure.com/hubfs/groundsure_legend.pdf

Map Insight

Site details:	Ipsen MSCP
Client ref:	PO003143
Report ref:	GS-YPO-S9S-4N9-GFW
Grid ref:	337610.71, 350202.74
Production date:	8 April 2026

Map name:	County Series
Map date:	1873
Scale:	1:2,500
Printed at:	1:2,500

N
W E
S



Contact us with any questions at:
info@groundsure.com
01273 257 755

Groundsure
LOCATION INTELLIGENCE

Ordnance Survey
Licensed Data