

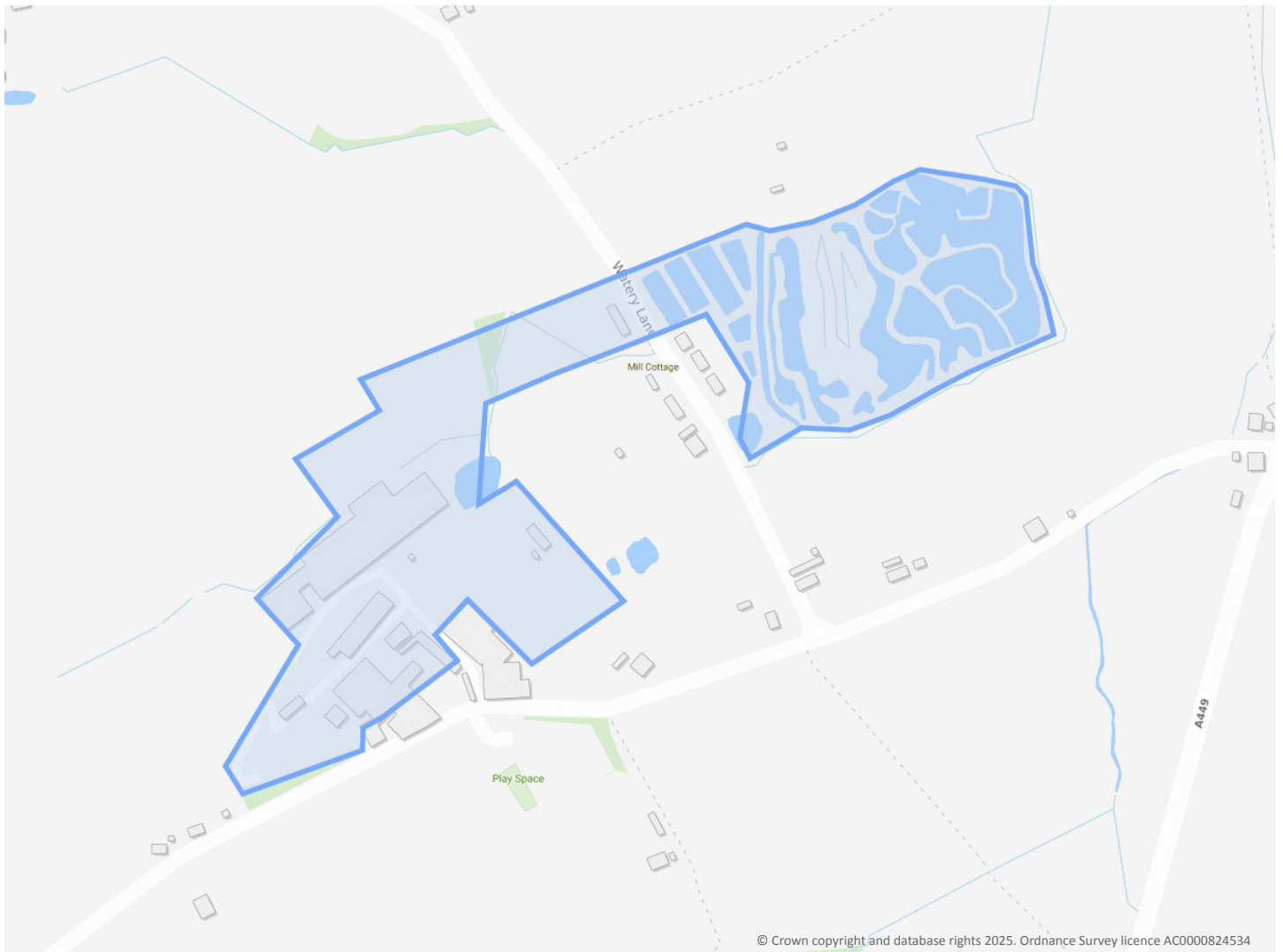
THE BOUNDS, C1262 FROM C1294 TO CHERRY ORCHARD LANE, MUCH MARCLE, HEREFORDSHIRE, HR8 2NQ

Order Details

Date: 27/11/2025
Your ref: K499.1 Westons (PO WE-3363)
Our Ref: GS-3TW-3BU-RZZ-RPJ

Site Details

Location: 365034 233283
Area: 12.11 ha
Authority: [Herefordshire Council](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

[p. 9 >](#)

OS MasterMap site plan

N/A: >10ha

[Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	7	1	2	11	-
15 >	1.2 >	Historical tanks >	1	0	0	0	-
16 >	1.3 >	Historical energy features >	0	0	1	0	-
16	1.4	Historical petrol stations	0	0	0	0	-
16 >	1.5 >	Historical garages >	0	0	1	0	-
17	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
18 >	2.1 >	Historical industrial land uses >	9	1	2	14	-
20 >	2.2 >	Historical tanks >	1	0	0	0	-
20 >	2.3 >	Historical energy features >	0	0	1	0	-
20	2.4	Historical petrol stations	0	0	0	0	-
21 >	2.5 >	Historical garages >	0	0	1	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
22	3.1	Active or recent landfill	0	0	0	0	-
22	3.2	Historical landfill (BGS records)	0	0	0	0	-
23	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
23	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
23	3.5	Historical waste sites	0	0	0	0	-
23	3.6	Licensed waste sites	0	0	0	0	-
23 >	3.7 >	Waste exemptions >	37	0	2	6	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
28 >	4.1 >	Recent industrial land uses >	6	1	4	-	-
29 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	201	0	0	-	-
37 >	4.3 >	Current or recent petrol stations >	0	0	1	0	-
37	4.4	Electricity cables	0	0	0	0	-
37	4.5	Gas pipelines	0	0	0	0	-



37	4.6	Sites determined as Contaminated Land	0	0	0	0	-
37	4.7	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
38	4.8	Regulated explosive sites	0	0	0	0	-
38	4.9	Hazardous substance storage/usage	0	0	0	0	-
38	4.10	Historical licensed industrial activities (IPC)	0	0	0	0	-
38	4.11	Licensed industrial activities (Part A(1))	0	0	0	0	-
38 >	4.12 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	1	0	0	0	-
39	4.13	Radioactive Substance Authorisations	0	0	0	0	-
39 >	4.14 >	<u>Licensed Discharges to controlled waters ></u>	3	6	4	6	-
42	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
42	4.16	Pollutant release to public sewer	0	0	0	0	-
43	4.17	List 1 Dangerous Substances	0	0	0	0	-
43	4.18	List 2 Dangerous Substances	0	0	0	0	-
43 >	4.19 >	<u>Pollution Incidents (EA/NRW) ></u>	2	0	0	0	-
43	4.20	Pollution inventory substances	0	0	0	0	-
44	4.21	Pollution inventory waste transfers	0	0	0	0	-
44	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
45 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
46 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
48 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
49 >	5.4 >	<u>Groundwater vulnerability- soluble rock risk ></u>	Identified (within 0m)				
50	5.5	Groundwater vulnerability- local information	None (within 0m)				
51 >	5.6 >	<u>Groundwater abstractions ></u>	0	2	0	0	0
52 >	5.7 >	<u>Surface water abstractions ></u>	1	0	0	0	4
54	5.8	Potable abstractions	0	0	0	0	0
54 >	5.9 >	<u>Source Protection Zones ></u>	3	0	0	0	-
54	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m

55 >	6.1 >	Water Network (OS MasterMap) >	9	21	8	-	-
59 >	6.2 >	Surface water features >	1	9	7	-	-
59 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
59 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
60 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
61 >	7.1 >	Risk of flooding from rivers and the sea >	Medium (within 50m)				
62	7.2	Historical Flood Events	0	0	0	-	-
62	7.3	Flood Defences	0	0	0	-	-
62	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
62	7.5	Flood Storage Areas	0	0	0	-	-
63 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
64 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
65 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
67 >	9.1 >	Groundwater flooding >	Negligible (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
68 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	1
69	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
69	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
69	10.4	Special Protection Areas (SPA)	0	0	0	0	0
69	10.5	National Nature Reserves (NNR)	0	0	0	0	0
70	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
70 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	4
70	10.8	Biosphere Reserves	0	0	0	0	0
71	10.9	Forest Parks	0	0	0	0	0
71	10.10	Marine Conservation Zones	0	0	0	0	0
71	10.11	Green Belt	0	0	0	0	0



71	10.12	Proposed Ramsar sites	0	0	0	0	0
71	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
72	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
72	10.15	Nitrate Sensitive Areas	0	0	0	0	0
72 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	2
73	10.17	SSSI Impact Risk Zones	0	-	-	-	-
74 >	10.18 >	SSSI Units >	0	0	0	0	1
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
75	11.1	World Heritage Sites	0	0	0	-	-
76	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
76	11.3	National Parks	0	0	0	-	-
76 >	11.4 >	Listed Buildings >	0	1	2	-	-
77 >	11.5 >	Conservation Areas >	0	0	1	-	-
77	11.6	Scheduled Ancient Monuments	0	0	0	-	-
77	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
78 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
79	12.2	Open Access Land	0	0	0	-	-
79	12.3	Tree Felling Licences	0	0	0	-	-
79 >	12.4 >	Environmental Stewardship Schemes >	2	3	4	-	-
80 >	12.5 >	Countryside Stewardship Schemes >	1	2	3	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
81 >	13.1 >	Priority Habitat Inventory >	21	8	25	-	-
83	13.2	Habitat Networks	0	0	0	-	-
84	13.3	Open Mosaic Habitat	0	0	0	-	-
84	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
85 >	14.1 >	10k Availability >	Identified (within 500m)				
86	14.2	Artificial and made ground (10k)	0	0	0	0	-

87	14.3	Superficial geology (10k)	0	0	0	0	-
87	14.4	Landslip (10k)	0	0	0	0	-
88	14.5	Bedrock geology (10k)	0	0	0	0	-
88	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
89 >	15.1 >	50k Availability >	Identified (within 500m)				
90 >	15.2 >	Artificial and made ground (50k) >	1	0	0	0	-
91 >	15.3 >	Artificial ground permeability (50k) >	1	0	-	-	-
92 >	15.4 >	Superficial geology (50k) >	0	0	1	0	-
93	15.5	Superficial permeability (50k)	None (within 50m)				
93	15.6	Landslip (50k)	0	0	0	0	-
93	15.7	Landslip permeability (50k)	None (within 50m)				
94 >	15.8 >	Bedrock geology (50k) >	3	1	2	1	-
95 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
95 >	15.10 >	Bedrock faults and other linear features (50k) >	0	1	2	1	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
97 >	16.1 >	BGS Boreholes >	0	3	1	-	-
Page	Section	Natural ground subsidence >					
99 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
101 >	17.2 >	Running sands >	Very low (within 50m)				
103 >	17.3 >	Compressible deposits >	Very low (within 50m)				
105 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
106 >	17.5 >	Landslides >	Very low (within 50m)				
107 >	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
109 >	18.1 >	BritPits >	0	1	0	2	-
110 >	18.2 >	Surface ground workings >	16	6	9	-	-
112	18.3	Underground workings	0	0	0	0	0
112	18.4	Underground mining extents	0	0	0	0	-



112	18.5	Historical Mineral Planning Areas	0	0	0	0	-
112 >	18.6 >	Non-coal mining >	3	0	0	1	0
113	18.7	JPB mining areas	None (within 0m)				
113	18.8	The Coal Authority non-coal mining	0	0	0	0	-
114	18.9	Researched mining	0	0	0	0	-
114	18.10	Mining record office plans	0	0	0	0	-
114	18.11	BGS mine plans	0	0	0	0	-
114	18.12	Coal mining	None (within 0m)				
114	18.13	Brine areas	None (within 0m)				
115	18.14	Gypsum areas	None (within 0m)				
115	18.15	Tin mining	None (within 0m)				
115	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
116	19.1	Natural cavities	0	0	0	0	-
116	19.2	Mining cavities	0	0	0	0	0
116	19.3	Reported recent incidents	0	0	0	0	-
116	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
118 >	20.1 >	Radon >	Between 10% and 30% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
120 >	21.1 >	BGS Estimated Background Soil Chemistry >	8	3	-	-	-
120	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
121	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
122	22.1	Underground railways (London)	0	0	0	-	-
122	22.2	Underground railways (Non-London)	0	0	0	-	-
122	22.3	Railway tunnels	0	0	0	-	-
122	22.4	Historical railway and tunnel features	0	0	0	-	-
122	22.5	Royal Mail tunnels	0	0	0	-	-



123	22.6	Historical railways	0	0	0	-	-
123	22.7	Railways	0	0	0	-	-
123	22.8	Crossrail 2	0	0	0	0	-
123	22.9	HS2	0	0	0	0	-

Recent aerial photograph

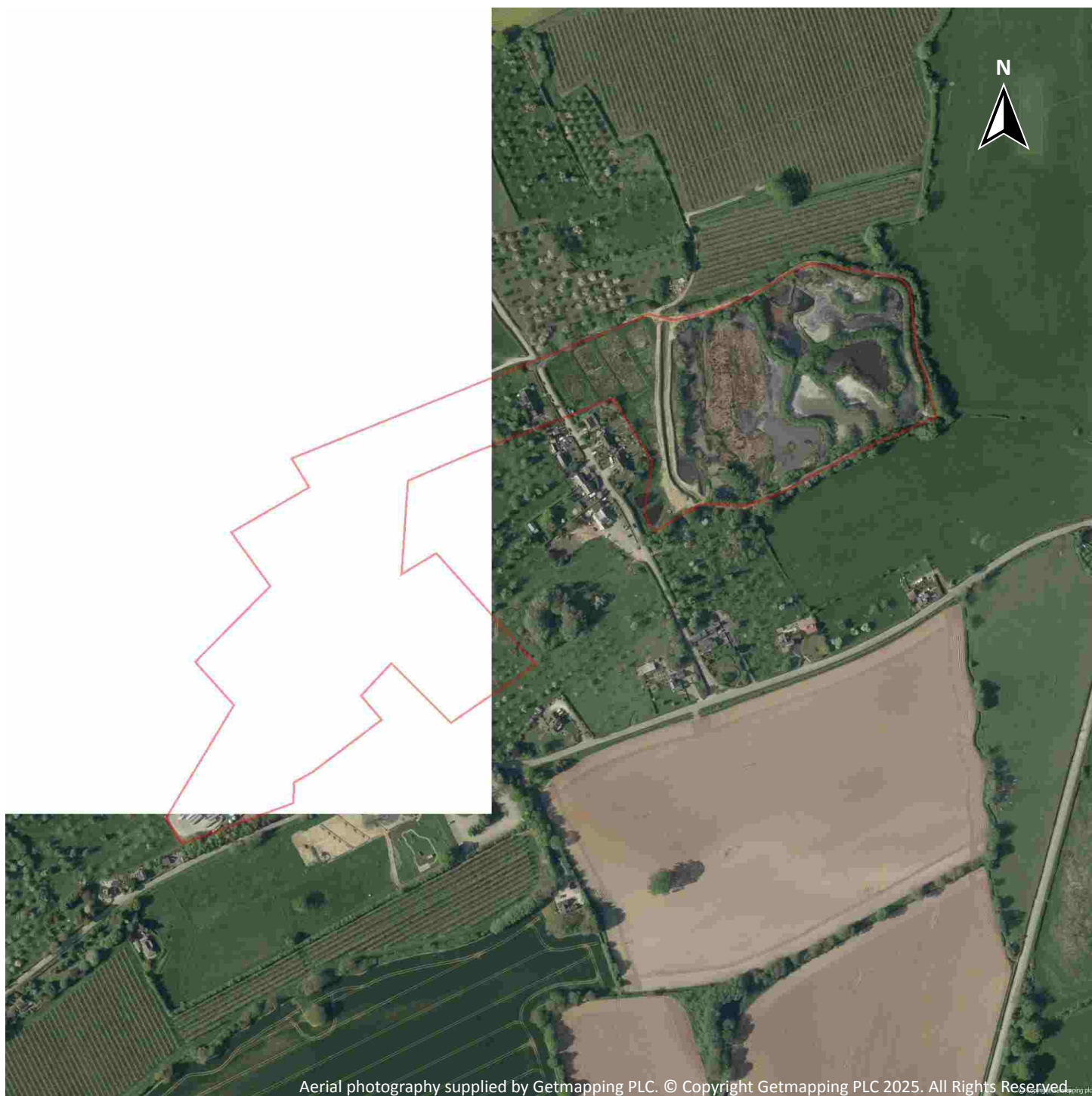


Capture Date: 24/04/2021

Site Area: 12.11ha



Recent site history - 2018 aerial photograph



Capture Date: 06/05/2018

Site Area: 12.11ha



Recent site history - 2014 aerial photograph



Capture Date: 10/07/2014

Site Area: 12.11ha



Recent site history - 2006 aerial photograph



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Capture Date: 14/07/2006

Site Area: 12.11ha



Recent site history - 1999 aerial photograph



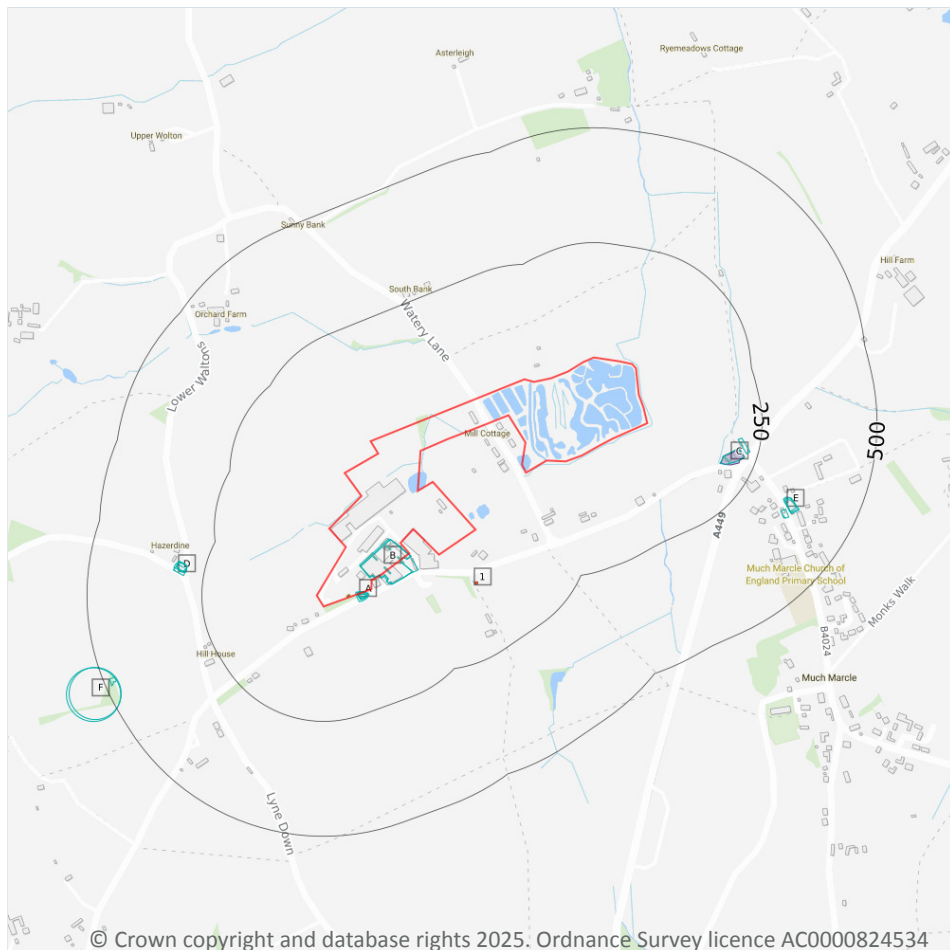
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Capture Date: 30/07/1999

Site Area: 12.11ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

21

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 14](#) >

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Quarry	1926	1038038



ID	Location	Land use	Dates present	Group ID
A	On site	Gravel Pit	1887	1046716
A	On site	Unspecified Old Quarry	1903	1083334
A	On site	Unspecified Old Quarry	1904 - 1924	1139222
B	On site	Unspecified Commercial/Industrial	1926	1146434
B	On site	Unspecified Commercial/Industrial	1903	1150303
B	On site	Unspecified Mill	1948	1157202
A	1m S	Unspecified Old Quarry	1924	1129508
C	180m SE	Garage	1980	1026017
C	201m E	Telephone Exchange	1980	1044208
D	288m W	Unspecified Old Quarry	1924	1168605
D	289m W	Unspecified Old Quarry	1887	1119244
D	289m W	Unspecified Old Quarry	1904 - 1924	1089198
D	289m W	Unspecified Old Quarry	1903	1114745
E	339m SE	Smithy	1887	1167970
E	343m SE	Smithy	1903	1134842
E	346m SE	Smithy	1904	1158683
E	347m SE	Smithy	1924	1057713
F	471m SW	Unspecified Old Quarry	1903	1123684
F	472m SW	Unspecified Old Quarry	1904 - 1924	1176290
F	474m SW	Unspecified Old Quarry	1887	1073401

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

1

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 ungrouped 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 14 >](#)



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Tank	1974	160184

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	1
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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 ungrouped 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 14 >](#)

ID	Location	Land use	Dates present	Group ID
1	94m SE	Electricity Substation	1973	94228

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 ungrouped 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	1
----------------------------	----------

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 ungrouped 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 14 >](#)



ID	Location	Land use	Dates present	Group ID
C	181m SE	Garage	1973	31294

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

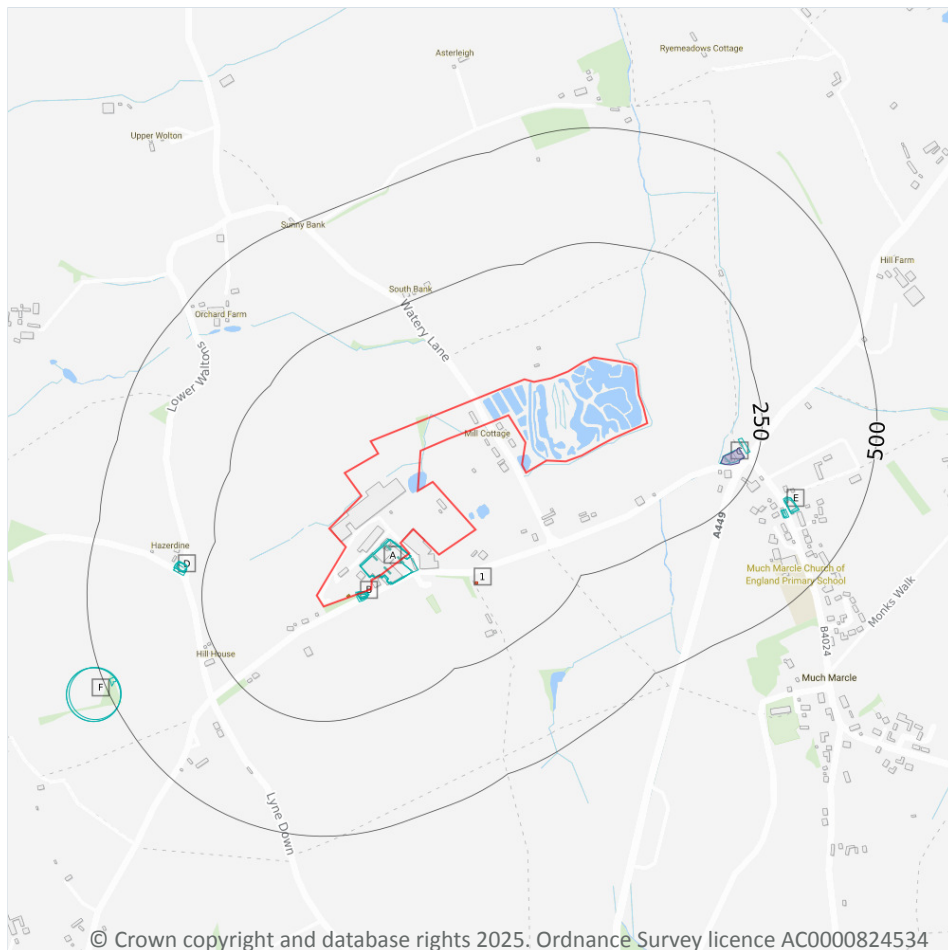
0

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.

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



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

26

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 18](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Mill	1948	1157202
A	On site	Unspecified Commercial/Industrial	1926	1146434
A	On site	Unspecified Commercial/Industrial	1903	1150303



ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Mill	1948	1157202
B	On site	Unspecified Old Quarry	1924	1139222
B	On site	Unspecified Old Quarry	1904	1139222
B	On site	Unspecified Quarry	1926	1038038
B	On site	Unspecified Old Quarry	1903	1083334
B	On site	Gravel Pit	1887	1046716
B	1m S	Unspecified Old Quarry	1924	1129508
C	180m SE	Garage	1980	1026017
C	201m E	Telephone Exchange	1980	1044208
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D	289m W	Unspecified Old Quarry	1887	1119244
D	289m W	Unspecified Old Quarry	1924	1089198
D	289m W	Unspecified Old Quarry	1904	1089198
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F	471m SW	Unspecified Old Quarry	1903	1123684
F	472m SW	Unspecified Old Quarry	1904	1176290
F	472m SW	Unspecified Old Quarry	1924	1176290
F	474m SW	Unspecified Old Quarry	1887	1073401

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

1

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 18 >](#)

ID	Location	Land Use	Date	Group ID
B	On site	Unspecified Tank	1974	160184

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

1

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 18 >](#)

ID	Location	Land Use	Date	Group ID
1	94m SE	Electricity Substation	1973	94228

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

1

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'.

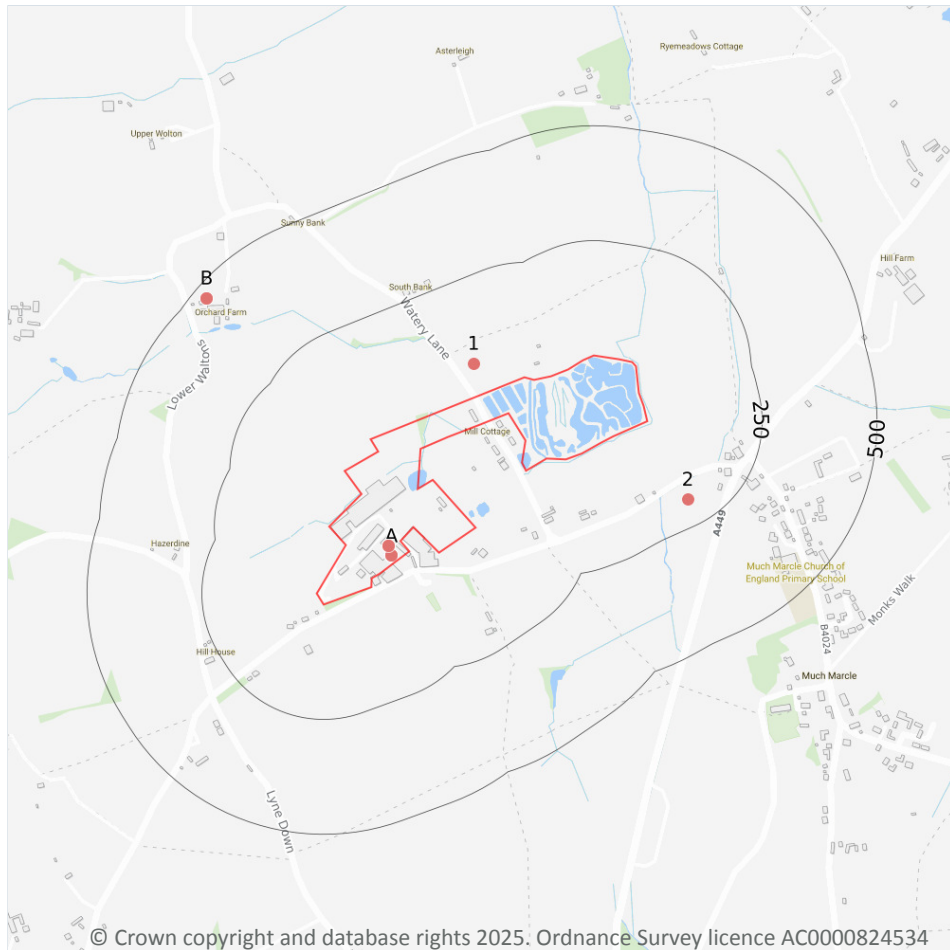
Features are displayed on the Past land use - un-grouped map on [page 18](#) >

ID	Location	Land Use	Date	Group ID
C	181m SE	Garage	1973	31294

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

45

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 22 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	-	WEX341598	Using waste exemption	Not on a farm	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	-	WEX341598	Using waste exemption	Not on a farm	Use of waste in construction
A	On site	-	WEX341598	Using waste exemption	Not on a farm	Use of sludge for the purposes of re-seeding a waste water treatment plant
A	On site	-	WEX341598	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	On site	-	WEX341598	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
A	On site	-	WEX341614	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
A	On site	-	WEX341614	Disposing of waste exemption	On a farm	Burning waste in the open
A	On site	-	WEX341598	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Using waste exemption	Not on a farm	Use of sludge for the purposes of re-seeding a waste water treatment plant
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Using waste exemption	Not on a farm	Use of waste for a specified purpose
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Using waste exemption	Not on a farm	Use of waste in construction
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/DF0538F R/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/DF0538F R/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters



ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/DF0538F R/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/DF0538F R/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/DF0538F R/A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/DF0538F R/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/DF0538F R/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX067877	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX067877	Using waste exemption	On a farm	Use of waste in construction
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX067877	Using waste exemption	On a farm	Use of waste for a specified purpose
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX137616	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX137616	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX067877	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX067877	Disposing of waste exemption	On a farm	Burning waste in the open
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/SF0100KC /A001	Treating waste exemption	Non-agricultural waste only	Cleaning, washing, spraying or coating relevant waste
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/SF0100KC /A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Disposing of waste exemption	Not on a farm	Burning waste in the open
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX215479	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/JH0978N B/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
A	On site	The Bounds Ledbury Herefordshire Hr8 2nq	EPR/JH0978N B/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on non-agricultural land to confer benefit
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX086123	Using waste exemption	Not on a farm	Use of sludge for the purposes of re-seeding a waste water treatment plant
A	On site	The Bounds, Much Marcle, Ledbury, Hr8 2nq	WEX081096	Using waste exemption	Not on a farm	Use of waste in construction
A	On site	The Bounds, Much Marcle, Ledbury, Herefordshire, Hr8 2nq	WEX418668	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
1	68m N	Harold Cottage, Much Marcle, Ledbury, Hr8 2ph	WEX093479	Disposing of waste exemption	On a farm	Burning waste in the open
2	193m SE	Harold Cottage, Much Marcle, Ledbury, Hr8 2ph	WEX093480	Disposing of waste exemption	On a farm	Burning waste in the open
B	470m NW	Wolton Farm Much Marcle Herefordshire Hr8 2ny	EPR/CE5652W X/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
B	470m NW	Wolton Farm Much Marcle Herefordshire Hr8 2ny	EPR/CE5652W X/A001	Storing waste exemption	Agricultural waste only	Storage of waste in a secure place
B	470m NW	-	WEX001553	Storing waste exemption	On a farm	Storage of waste in a secure place
B	470m NW	-	WEX001553	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters

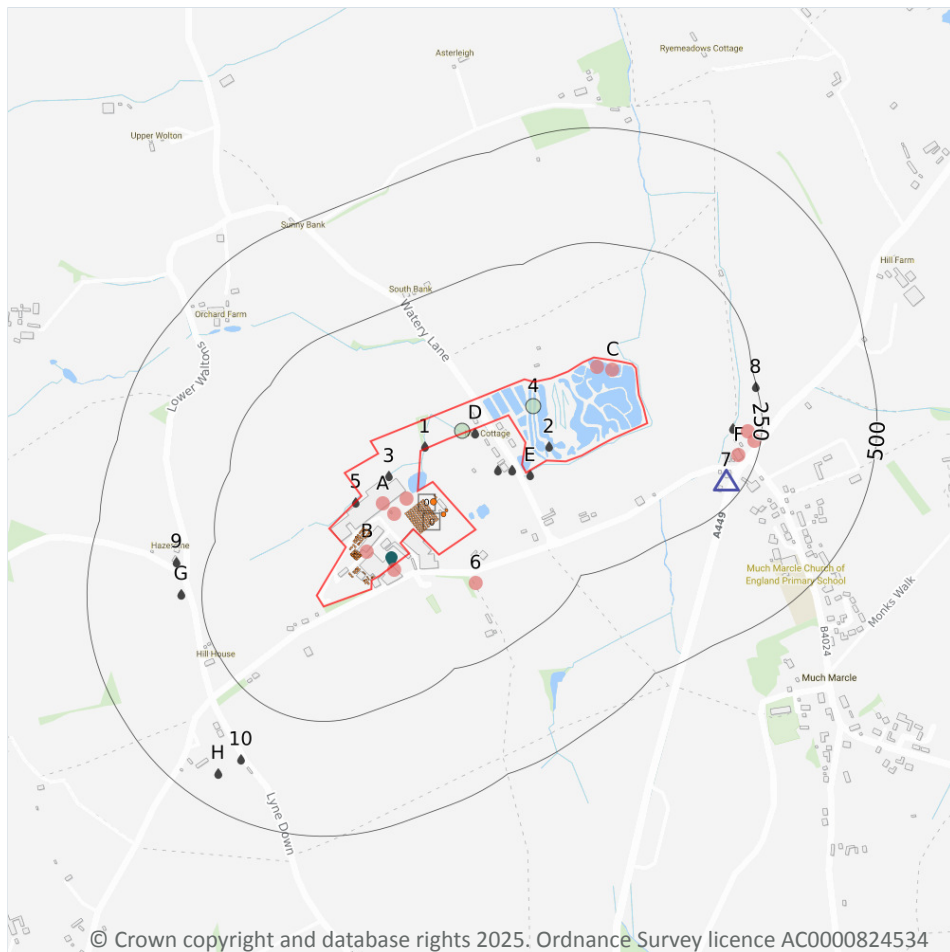


ID	Location	Site	Reference	Category	Sub-Category	Description
B	470m NW	-	WEX001553	Disposing of waste exemption	On a farm	Burning waste in the open
B	470m NW	Wolton Farm Much Marcle Herefordshire Hr8 2ny	EPR/CE5652W X/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open

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
- △ Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

11

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 28](#) >

ID	Location	Company	Address	Activity	Category
A	On site	Factory	Herefordshire, HR8	Unspecified Works Or Factories	Industrial Features
A	On site	Electricity Sub Station	Herefordshire, HR8	Electrical Features	Infrastructure and Facilities
A	On site	Wind Pump	Herefordshire, HR8	Water Pumping Stations	Industrial Features



ID	Location	Company	Address	Activity	Category
B	On site	Electricity Sub Station	Herefordshire, HR8	Electrical Features	Infrastructure and Facilities
C	On site	Landing Stage	Herefordshire, HR8	Moorings and Unloading Facilities	Water
C	On site	Pump House	Herefordshire, HR8	Water Pumping Stations	Industrial Features
B	9m SE	H Weston & Sons Ltd	The Bounds, Much Marcle, Herefordshire, HR8 2NQ	Alcoholic Drinks	Foodstuffs
6	95m SE	Electricity Sub Station	Herefordshire, HR8	Electrical Features	Infrastructure and Facilities
F	211m E	Much Marcle Garage	Much Marcle, Herefordshire, HR8 2LX	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	219m E	Sewage Pumping Station	Herefordshire, HR8	Waste Storage, Processing and Disposal	Infrastructure and Facilities
F	236m E	Telephone Exchange	Herefordshire, HR8	Telecommunications Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

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

Records within 250m	201
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Current or recent tanks identified from the Ordnance Survey NGD.

Features are displayed on the Current industrial land use map on [page 28 >](#)

ID	Location	Tank description	Activity	Date first identified
0	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
0	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012



ID	Location	Tank description	Activity	Date first identified
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	15/05/2019
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Open Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012



ID	Location	Tank description	Activity	Date first identified
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Open Storage Tank	Commercial Activity: Distribution Or Storage	15/05/2019
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017





ID	Location	Tank description	Activity	Date first identified
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Open Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/05/2012
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	14/12/2010
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	25/03/2017







This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m**1**

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 28](#) >

ID	Location	Company	Address	LPG	Status
7	212m SE	OBSOLETE	A449, B4024, Much Marcle, Ledbury, Herefordshire, County Of, HR8 2LX	Not Applicable	Obsolete

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

0

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.

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

4.11 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

1

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 28](#) >

ID	Location	Address	Details	
B	On site	H. Weston And Sons Ltd, Much Marcle, Ledbury, Herefordshire, HR8 2NQ	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.13 Radioactive Substance Authorisations

Records within 500m	0
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Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

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

4.14 Licensed Discharges to controlled waters

Records within 500m	19
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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 28 >](#)

ID	Location	Address	Details	
1	On site	MUCH MARCLE(WATERY LANE) STW, OFF WATERY LANE, MUCH MARCLE, LEDBURY, HEREFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/12732/R Permit Version: 1 Receiving Water: TRIB OF PRESTON BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 30/07/1985 Effective Date: 30/07/1985 Revocation Date: 22/09/2002
2	On site	THE BOUNDS, MUCH MARCLE, LEDBURY, HEREFORDSHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: S/21/14017/TG Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: SURRENDERED UNDER EPR 2010 Issue date: 22/10/1985 Effective Date: 22/10/1985 Revocation Date: 02/08/2012
3	On site	WESTON'S CIDER FACTORY, THE BOUNDS, MUCH MARLE, LEDBURY, HEREFORDSHIRE, HR8 2NQ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRFP3429GD Permit Version: 1 Receiving Water: TRIB OF THE PRESTON BROOK	Status: NEW ISSUED UNDER EPR 2010 Issue date: 08/03/2011 Effective Date: 08/03/2011 Revocation Date: 16/02/2016



ID	Location	Address	Details	
5	On site	CIDER AND PERRY MILLS, THE BOUNDS, MUCH MARCLE, LEDBURY, HEREFORDSHIRE, HR8 2NQ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: S/21/22583/T Permit Version: 1 Receiving Water: TRIB OF PRESTON BROOK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 26/08/1993 Effective Date: 26/08/1993 Revocation Date: 12/11/2001
E	9m SE	WESTON'S CIDER FACTORY, THE BOUNDS, MUCH MARLE, LEDBURY, HEREFORDSHIRE, HR8 2NQ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRFP3429GD Permit Version: 2 Receiving Water: TRIB OF THE PRESTON BROOK	Status: VARIED UNDER EPR 2010 Issue date: 17/02/2016 Effective Date: 17/02/2016 Revocation Date: -
D	9m S	MUCH MARCLE(WATERY LANE) STW, OFF WATERY LANE, MUCH MARCLE, LEDBURY, HEREFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/25938/R Permit Version: 1 Receiving Water: TRIB OF PRESTON BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 23/09/2002 Effective Date: 23/09/2002 Revocation Date: 06/02/2006
D	9m S	MUCH MARCLE(WATERY LANE) STW, OFF WATERY LANE, MUCH MARCLE, LEDBURY, HEREFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/25938/R Permit Version: 2 Receiving Water: TRIB OF PRESTON BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/09/2002 Effective Date: 07/02/2006 Revocation Date: -
E	25m SW	THE SLIP TAVERN, WATERY LANE, MUCH MARCLE, LEDBURY, HEREFORDSHIRE, HR8 2NG	Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: S/21/26651/TG Permit Version: 1 Receiving Water: GROUNDWATER(S) VIA A SOAKAWAY	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 15/05/2006 Effective Date: 15/05/2006 Revocation Date: 24/10/2011
E	25m SW	THE SLIP TAVERN, WATERY LANE, MUCH MARCLE, LEDBURY, HEREFORDSHIRE, HR8 2NG	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/21/26651/TG Permit Version: 2 Receiving Water: GROUNDWATER(S) VIA A SOAKAWAY	Status: VARIED UNDER EPR 2010 Issue date: 25/10/2011 Effective Date: 25/10/2011 Revocation Date: -



ID	Location	Address	Details	
E	54m W	THE SLIP TAVERN, WATERY LANE, MUCH MARCLE, LEDBURY, HEREFORDSHIRE, HR8 2NG	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/21/20674/SG Permit Version: 1 Receiving Water: TO LAND	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 15/02/1991 Effective Date: 15/02/1991 Revocation Date: 14/05/2006
F	185m E	MUCH MARCLE STW, MUCH MARCLE, NEAR ROSS ON WYE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/25390/R Permit Version: 1 Receiving Water: PRESTON BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 17/08/1998 Effective Date: 17/08/1998 Revocation Date: 30/01/2006
F	185m E	MUCH MARCLE STW, MUCH MARCLE, NEAR ROSS ON WYE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/25390/R Permit Version: 2 Receiving Water: PRESTON BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 17/08/1998 Effective Date: 31/01/2006 Revocation Date: -
8	247m E	MALVERN HILLS DISTRICT COUNCIL, WALWYN COURT, MUCH MARCLE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: WQ/7/128 Permit Version: 1 Receiving Water: WALLWYN CT BROOK(PRESTON BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 18/03/1976 Effective Date: 18/03/1976 Revocation Date: 16/12/1985
G	296m W	MUCH MARCLE(HAZERDINE) STW, MUCH MARCLE (HAZERDINE) STW, NR THE LAYTONS, MUCH MARCLE, LEDBURY, HEREFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/12728/R Permit Version: 2 Receiving Water: TRIB OF PRESTON BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 30/07/1985 Effective Date: 19/12/2005 Revocation Date: 15/03/2006
G	296m W	MUCH MARCLE(HAZERDINE) STW, MUCH MARCLE (HAZERDINE) STW, NR THE LAYTONS, MUCH MARCLE, LEDBURY, HEREFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/12728/R Permit Version: 1 Receiving Water: TRIB OF PRESTON BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 30/07/1985 Effective Date: 30/07/1985 Revocation Date: 18/12/2005
9	315m W	MUCH MARCLE(HAZERDINE) STW, MUCH MARCLE (HAZERDINE) STW, NR THE LAYTONS, MUCH MARCLE, LEDBURY, HEREFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/26574/R Permit Version: 1 Receiving Water: UNNAMED TRIB OF PRESTON BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 16/03/2006 Effective Date: 16/03/2006 Revocation Date: -



ID	Location	Address	Details	
10	378m SW	OLD PIKE STW, MUCH MARCLE (OLD PIKE) STW, MUCH MARCLE, GLOUCESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/26575/R Permit Version: 1 Receiving Water: UNNAMED TRIB PRESTON BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 01/09/2006 Effective Date: 01/09/2006 Revocation Date: -
H	430m SW	OLD PIKE STW, MUCH MARCLE (OLD PIKE) STW, MUCH MARCLE, GLOUCESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/12730/R Permit Version: 1 Receiving Water: TRIB OF PRESTON BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 30/07/1985 Effective Date: 30/07/1985 Revocation Date: 18/12/2005
H	430m SW	OLD PIKE STW, MUCH MARCLE (OLD PIKE) STW, MUCH MARCLE, GLOUCESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/21/12730/R Permit Version: 2 Receiving Water: TRIB OF PRESTON BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 30/07/1985 Effective Date: 19/12/2005 Revocation Date: 31/08/2006

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

2

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 28 >](#)

ID	Location	Details	
4	On site	Incident Date: 23/10/2009 Incident Identification: 727208 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
D	On site	Incident Date: 23/01/2023 Incident Identification: 2125264 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Food and Drink	Water Impact: Category 1 (Major) Land Impact: Category 4 (No Impact) 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

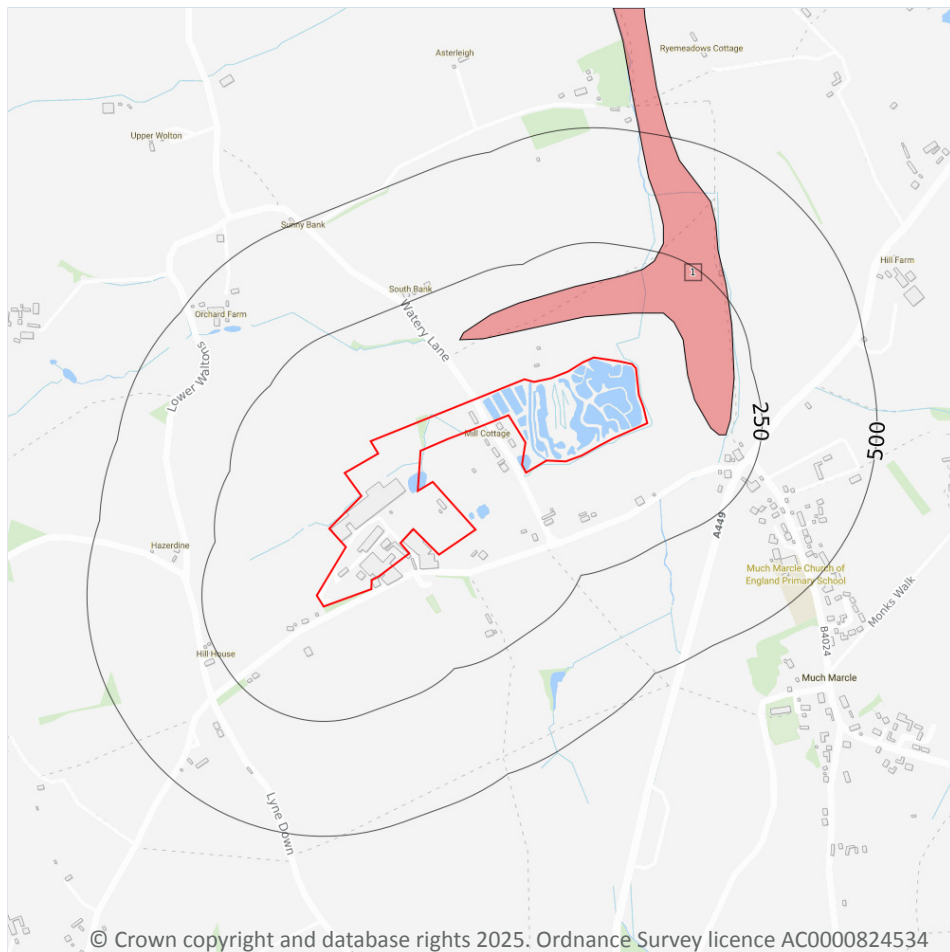
0

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

1

Aquifer status of groundwater held within superficial geology.

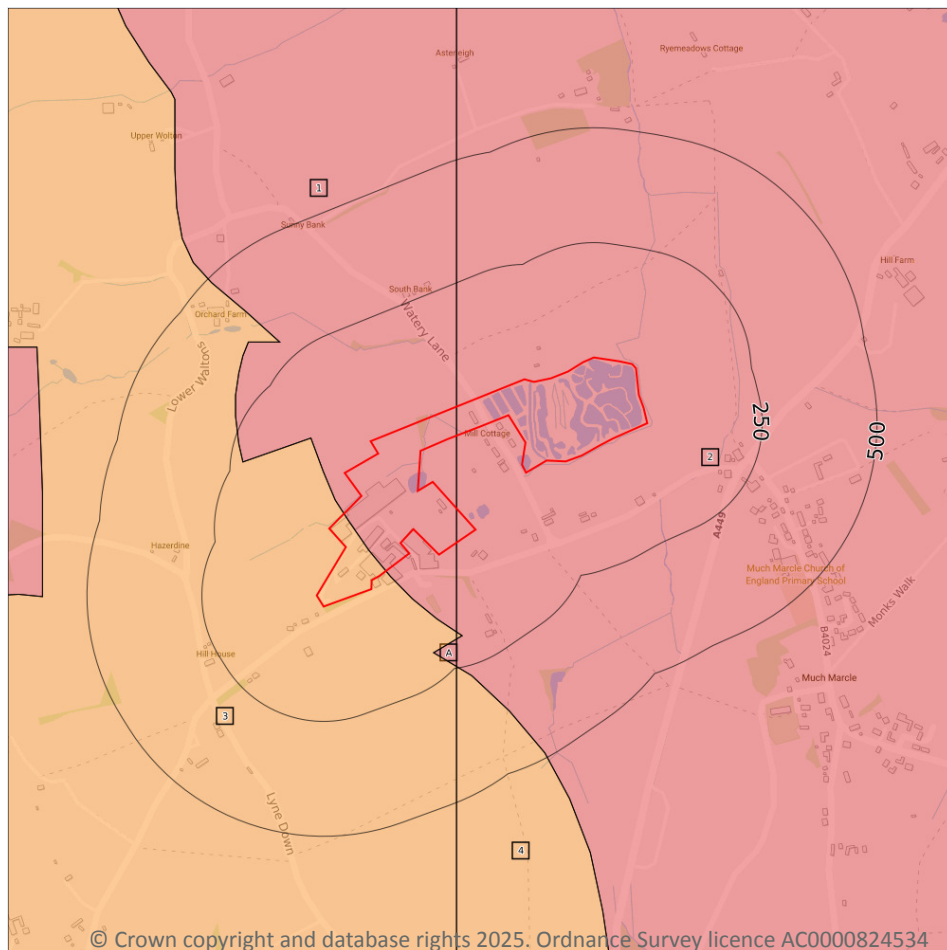
Features are displayed on the Hydrogeology map on [page 45](#) >

ID	Location	Designation	Description
1	90m N	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

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

6

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 46 >](#)

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	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

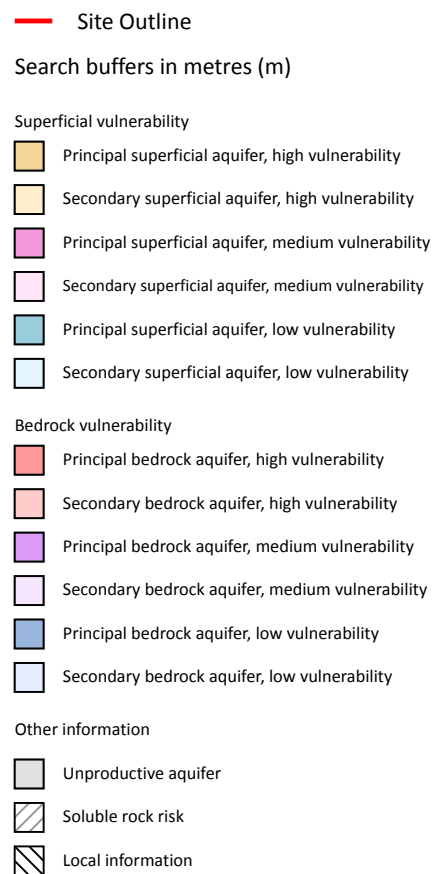
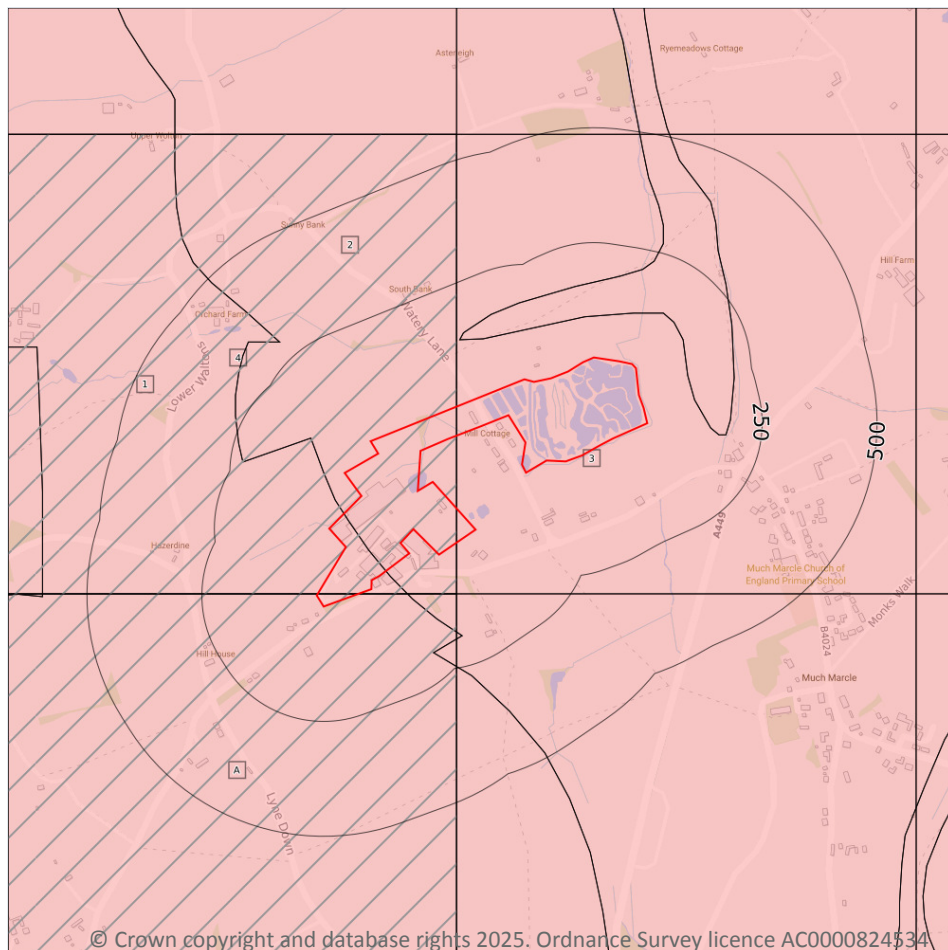


ID	Location	Designation	Description
3	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
A	173m S	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
A	187m 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	247m S	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

4

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 48](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
A	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary 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	2
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
4	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	5.0%
A	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	0.0%

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



5.5 Groundwater vulnerability- local information

Records on site

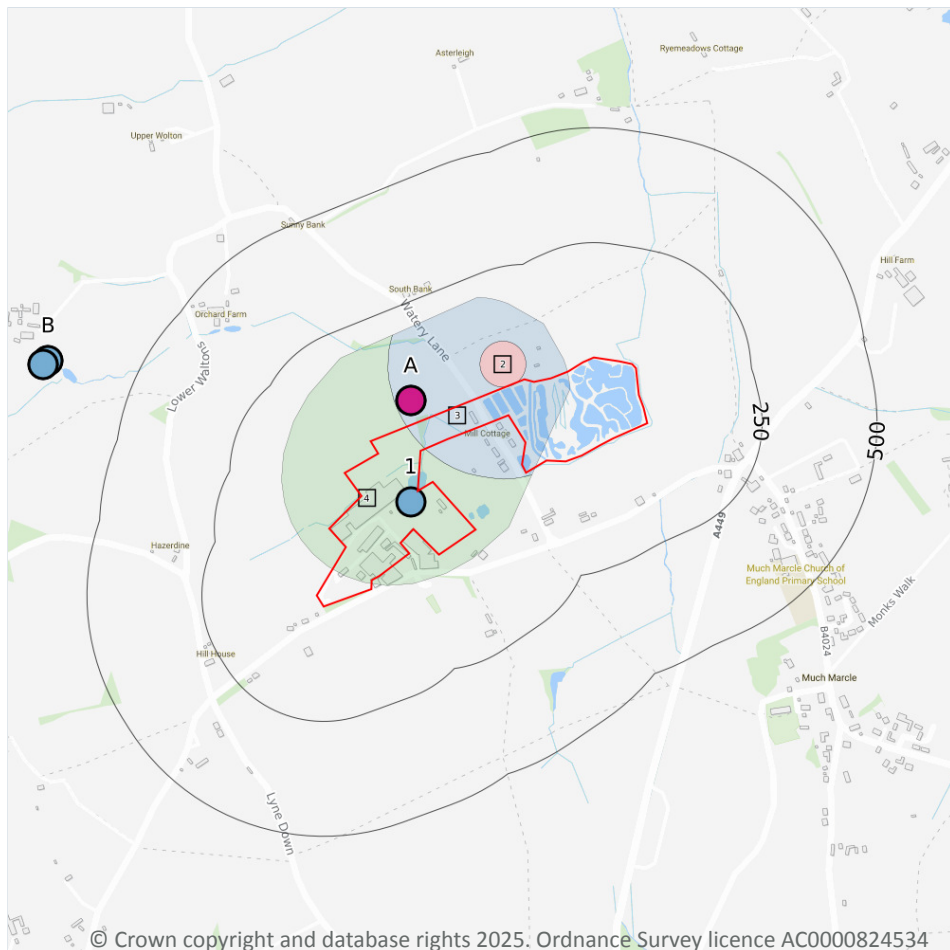
0

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



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Point features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

2

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 51](#) >

ID	Location	Details	
A	49m N	Status: Active Licence No: MD/054/0021/036 Details: Process Water Direct Source: Groundwater Midlands Region Point: THE BOUNDS, MUCH MARCLE Data Type: Point Name: H. Weston & Sons Trustees Ltd Easting: 364900 Northing: 233420	Annual Volume (m ³): 12000 Max Daily Volume (m ³): 55 Original Application No: NPS/WR/038874 Original Start Date: 26/03/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 20/09/2023 Version End Date: -
A	49m N	Status: Historical Licence No: MD/054/0021/036 Details: Process Water Direct Source: Groundwater Midlands Region Point: THE BOUNDS, MUCH MARCLE Data Type: Point Name: H. Weston & Sons Trustees Ltd Easting: 364900 Northing: 233420	Annual Volume (m ³): 7803 Max Daily Volume (m ³): 55 Original Application No: NPS/NA/001399 Original Start Date: 26/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 26/03/2021 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	5
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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 51 >](#)

ID	Location	Details	
1	On site	Status: Active Licence No: 18/54/21/0011 Details: Process Water Direct Source: Surface Water Midlands Region Point: BOUNDS FARM, MUCH MARCLE, HEREFORDSHIRE - SPRING Data Type: Point Name: H WESTON AND SONS LTD Easting: 364900 Northing: 233200	Annual Volume (m ³): 10910.4 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 02/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/11/1969 Version End Date: -



ID	Location	Details	
B	690m W	Status: Active Licence No: 18/54/21/0010 Details: General Farming & Domestic Direct Source: Surface Water Midlands Region Point: CAERSWALL FARM, MUCH MARCLE, HEREFORDSHIRE - CATCHPIT Data Type: Point Name: H WESTON AND SONS LTD Easting: 364111 Northing: 233507	Annual Volume (m ³): 45800 Max Daily Volume (m ³): 225 Original Application No: NPS/WR/008066 Original Start Date: 02/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/01/2012 Version End Date: -
B	690m W	Status: Active Licence No: 18/54/21/0010 Details: Process Water Direct Source: Surface Water Midlands Region Point: CAERSWALL FARM, MUCH MARCLE, HEREFORDSHIRE - CATCHPIT Data Type: Point Name: H WESTON AND SONS LTD Easting: 364111 Northing: 233507	Annual Volume (m ³): 45800 Max Daily Volume (m ³): 225 Original Application No: NPS/WR/008066 Original Start Date: 02/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/01/2012 Version End Date: -
B	698m W	Status: Historical Licence No: 18/54/21/0010 Details: Process Water Direct Source: Surface Water Midlands Region Point: CAERSWALL FARM, MUCH MARCLE, HEREFORDSHIRE - CATCHPIT Data Type: Point Name: H WESTON AND SONS LTD Easting: 364100 Northing: 233500	Annual Volume (m ³): 22730 Max Daily Volume (m ³): 68.19 Original Application No: - Original Start Date: 02/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/11/1969 Version End Date: -
B	698m W	Status: Historical Licence No: 18/54/21/0010 Details: General Farming & Domestic Direct Source: Surface Water Midlands Region Point: CAERSWALL FARM, MUCH MARCLE, HEREFORDSHIRE - CATCHPIT Data Type: Point Name: H WESTON AND SONS LTD Easting: 364100 Northing: 233500	Annual Volume (m ³): 22730 Max Daily Volume (m ³): 68.19 Original Application No: - Original Start Date: 02/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/11/1969 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

3

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 51](#) >

ID	Location	Type	Description
2	On site	1	Inner catchment
3	On site	2	Outer catchment
4	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

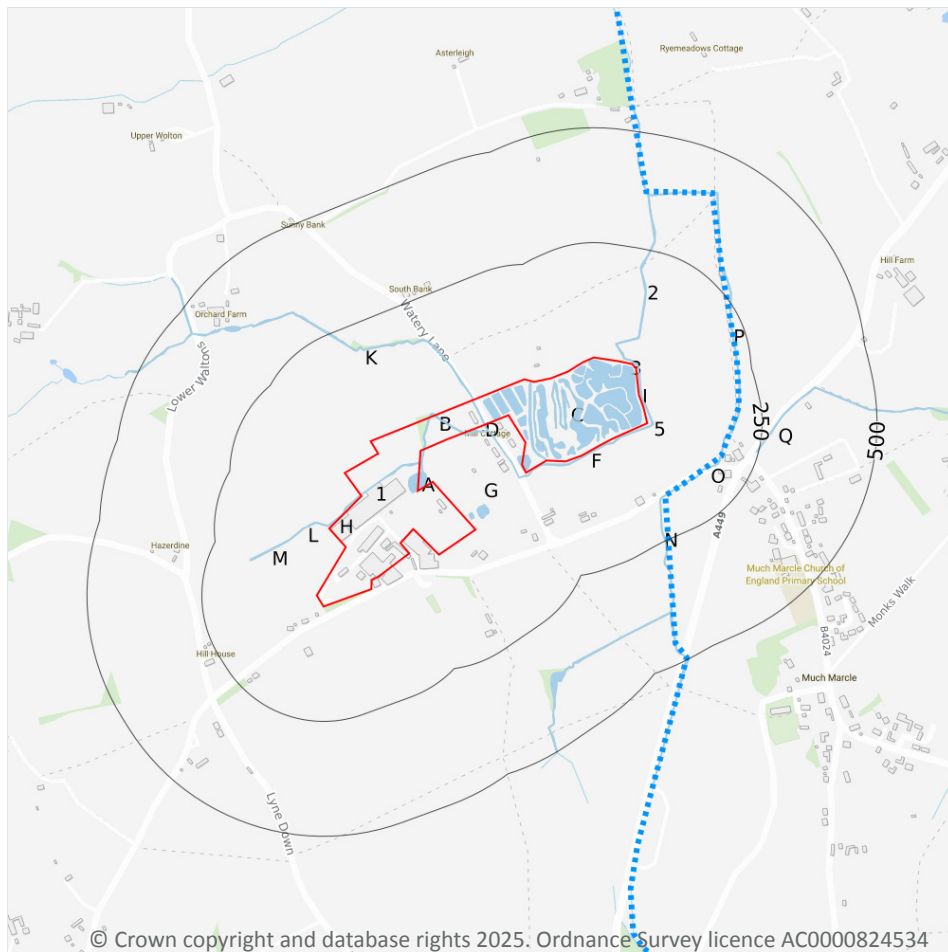
0

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 MasterMap)
- 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 MasterMap)

Records within 250m

38

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 55 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
1	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	1m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	1m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	2m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	4m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	4m E	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
2	8m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
3	8m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
K	8m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	8m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
5	11m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	11m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	13m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	15m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	18m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	21m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	30m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	36m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	38m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
D	43m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
L	45m W	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	46m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	56m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	85m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
M	89m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	153m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	153m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
N	153m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	171m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	246m E	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

17

Covering rivers, streams and lakes (some overlap with OS MasterMap 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 55 >](#)

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 55 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
G	On site	River	Preston Bk - source to conf R Leadon	GB109054039590	Leadon	Severn Vale

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. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on [page 55 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
6	153m SE	River	Preston Bk - source to conf R Leadon	GB109054039590 ↗	Poor	Fail	Poor	2019



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. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

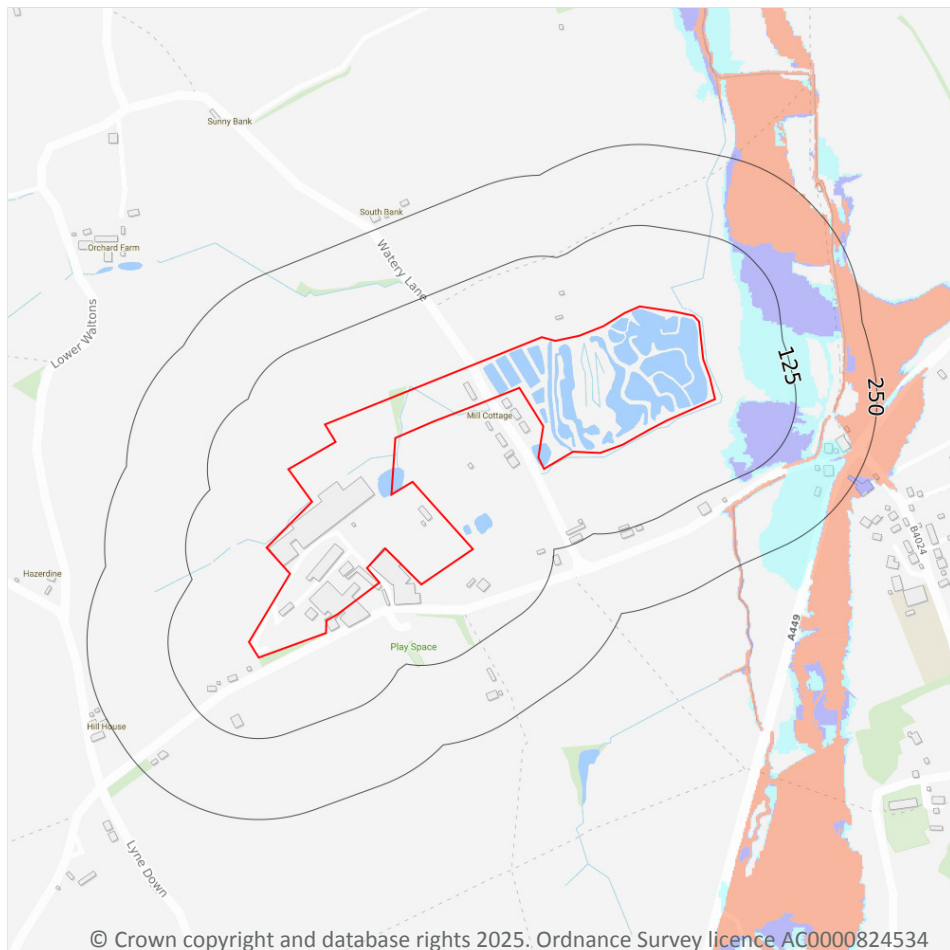
Features are displayed on the Hydrology map on [page 55](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
G	On site	Severn Vale - Secondary Combined	GB40902G204900 ↗	Good	Good	Good	2019

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



7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- River and coastal flooding:
- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

2

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).

Features are displayed on the River and coastal flooding map on [page 61](#) >

Distance	Flood risk category
On site	N/A
0 - 50m	Medium

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

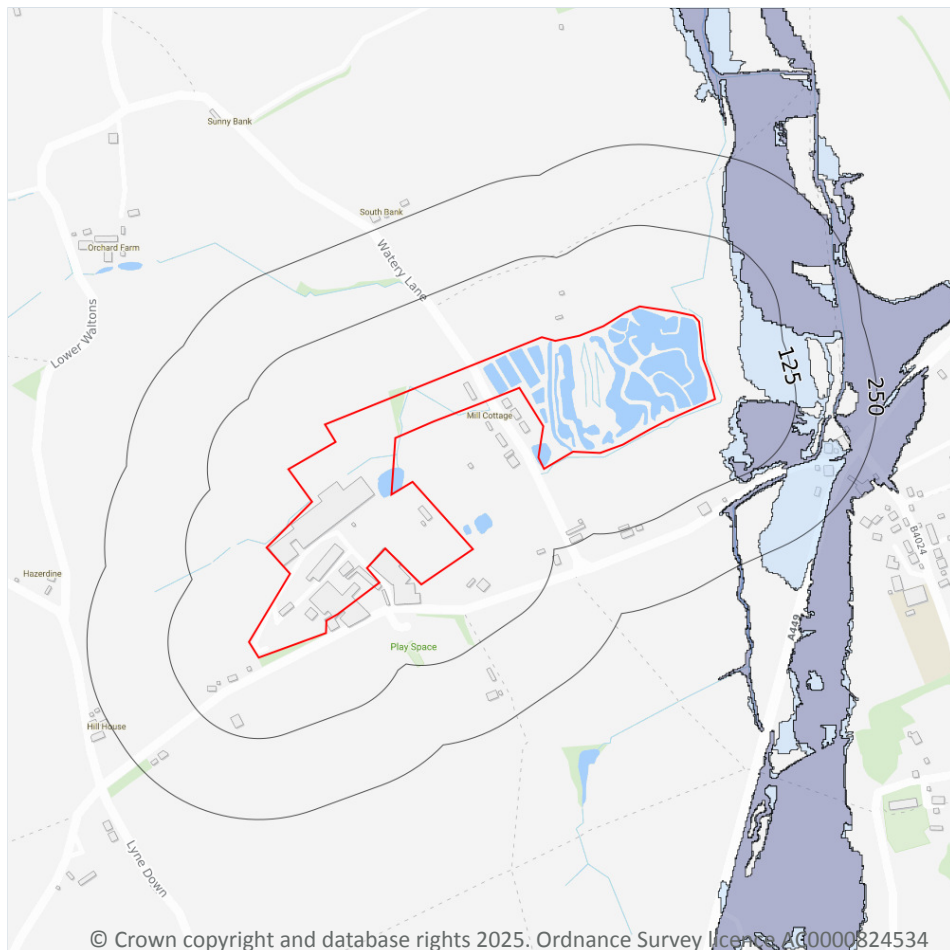
Records within 250m	0
---------------------	---

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



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

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.

Features are displayed on the River and coastal flooding map on [page 61](#) >

Location	Type
33m SE	Zone 2 - (Fluvial /Tidal Models)

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

7.7 Flood Zone 3

Records within 50m

1

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.

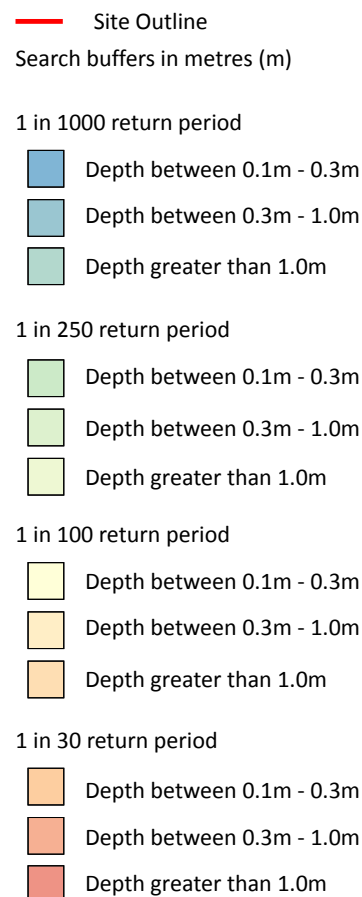
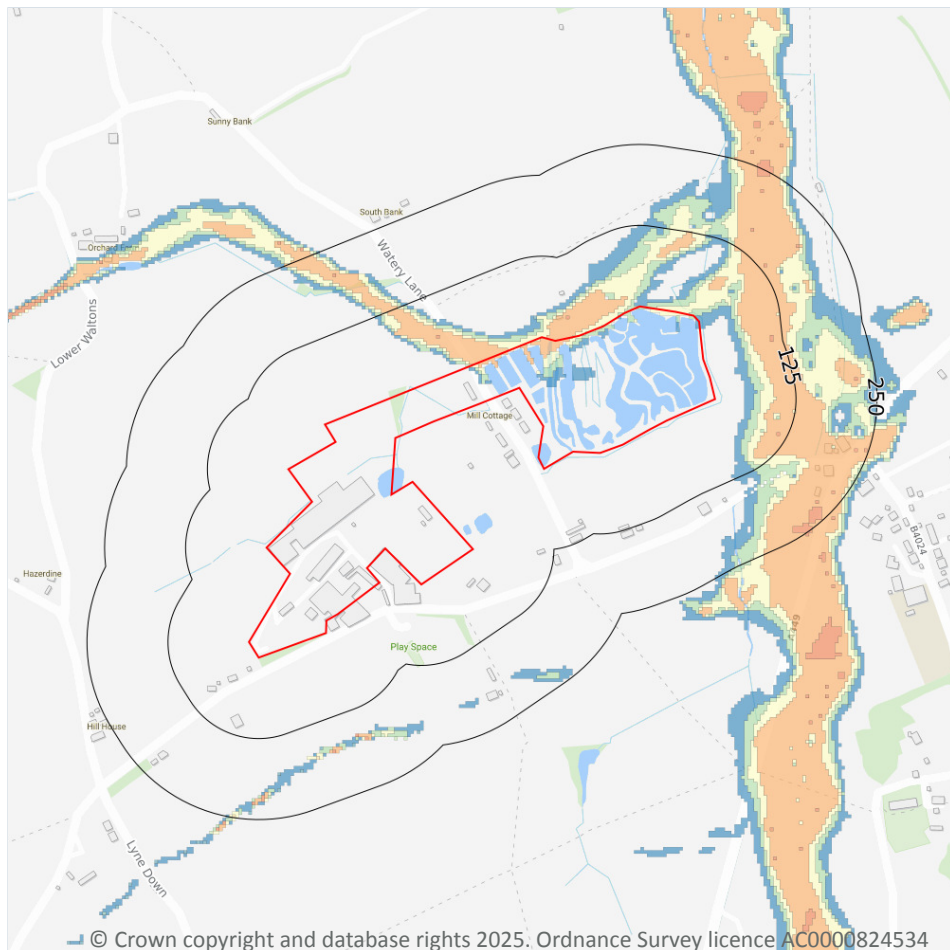
Features are displayed on the River and coastal flooding map on [page 61](#) >

Location	Type
38m E	Zone 3 - (Fluvial /Tidal Models)

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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 65](#) >

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.

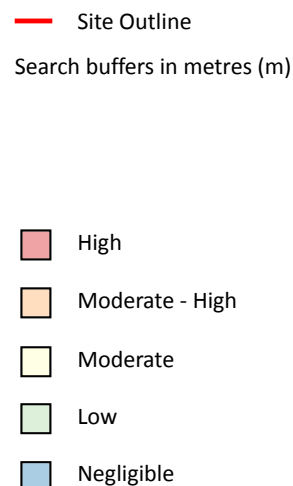
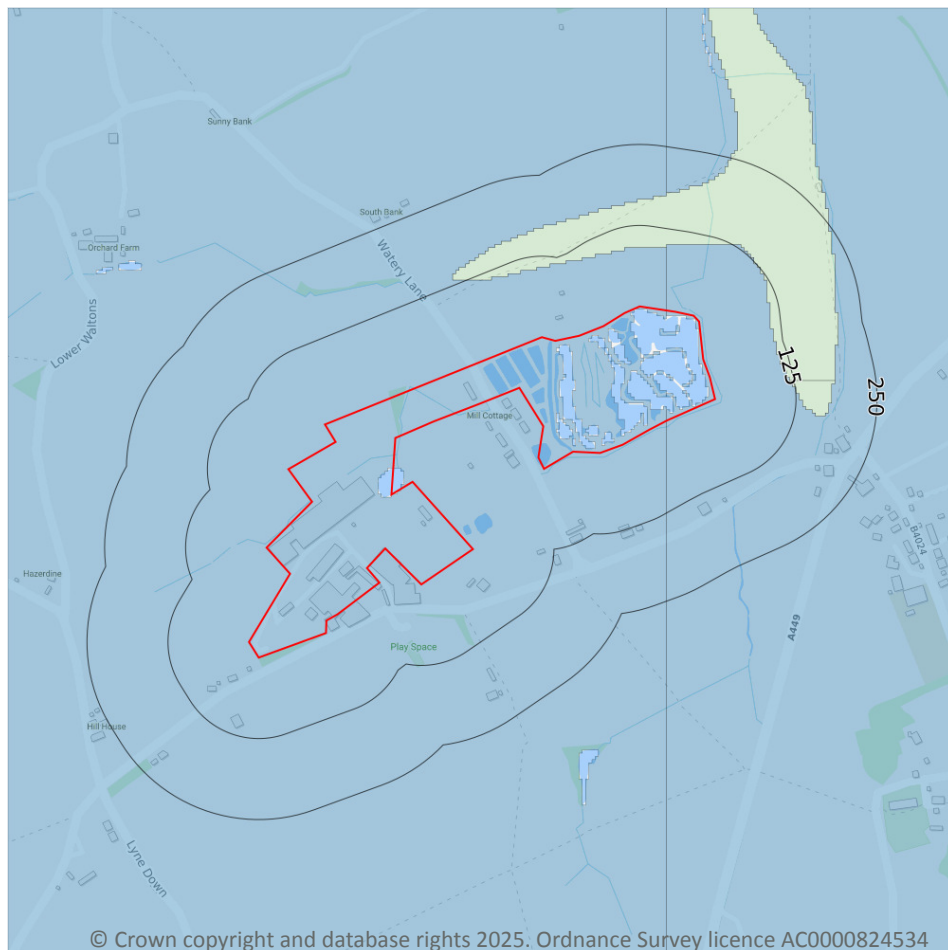
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Negligible

Highest risk within 50m

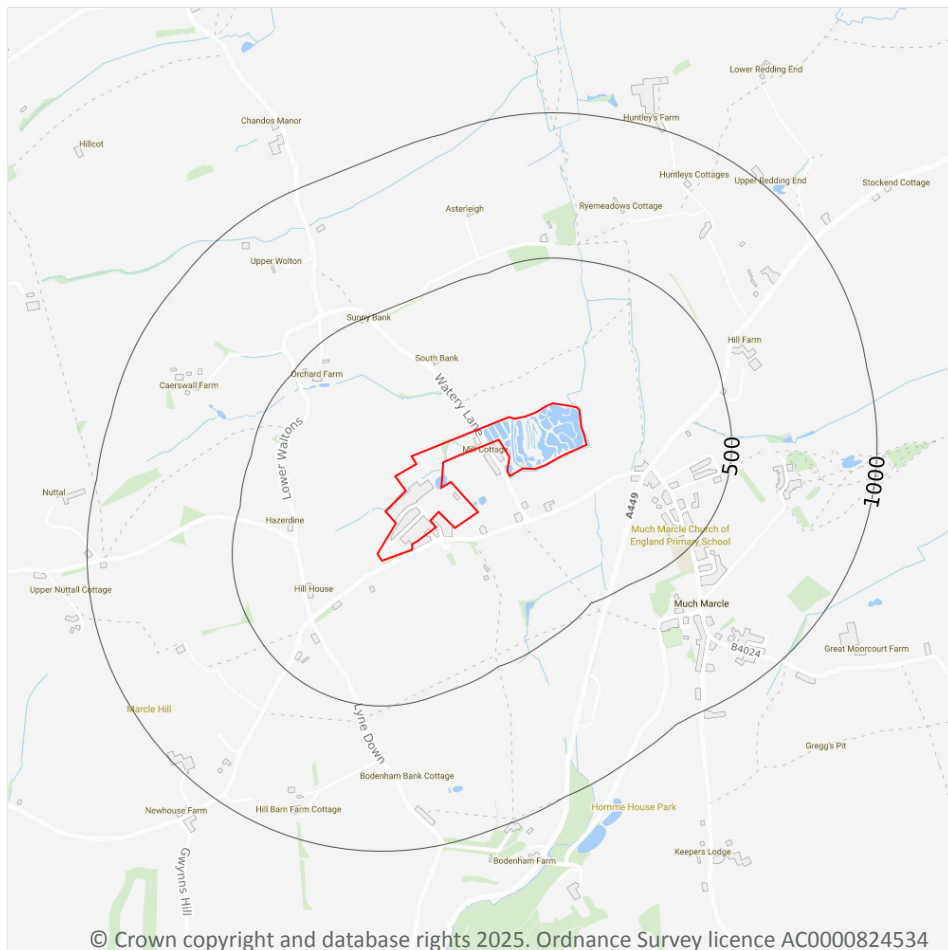
Negligible

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 67](#) >

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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.

Features are displayed on the Environmental designations map on [page 68](#) >

ID	Location	Name	Data source
-	1560m E	Hall Wood SSSI	Natural England



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**4**

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 68 >](#)

ID	Location	Name	Woodland Type
-	1566m E	Hall Wood	Ancient & Semi-Natural Woodland
-	1621m W	Unknown	Ancient & Semi-Natural Woodland
-	1707m W	Unknown	Ancient Replanted Woodland
-	1865m SE	Stone Redding/yewtree Coppice	Ancient Replanted Woodland

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

3

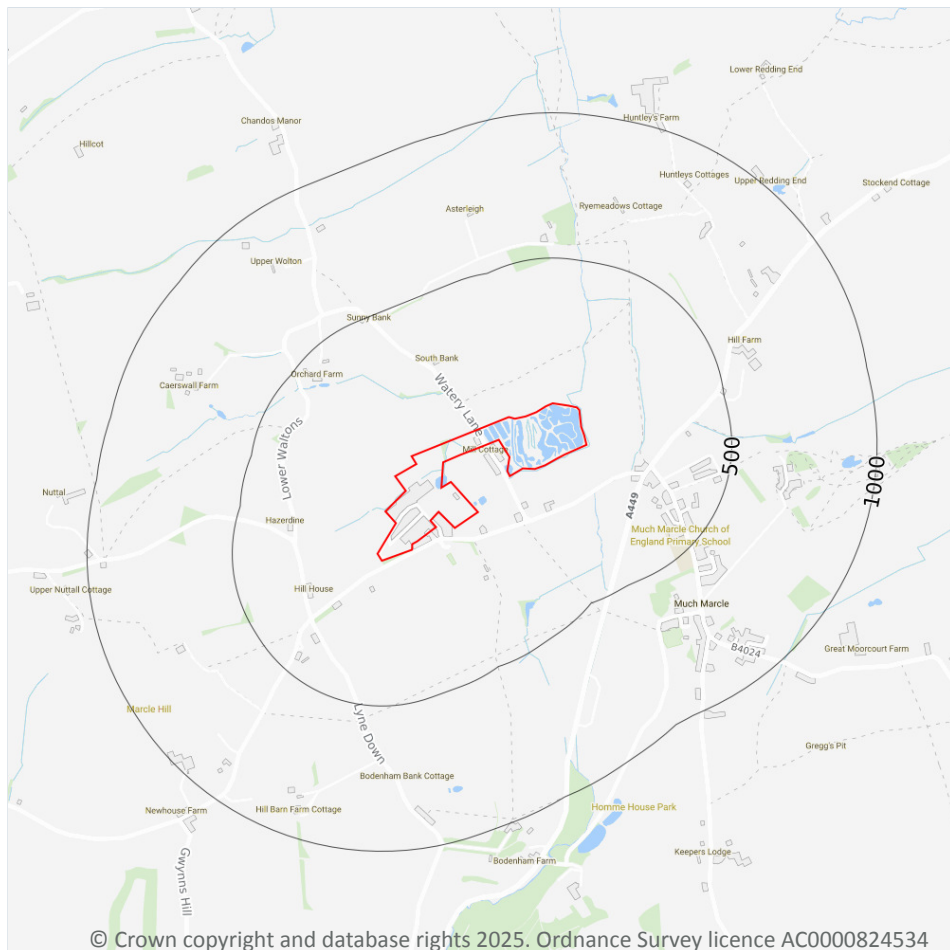
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	R Leaddon - Glynych Bk to conf R Severn (W Channel) NVZ	Surface Water	578	Existing
604m W	R Leaddon - Glynych Bk to conf R Severn (W Channel) NVZ	Surface Water	578	Existing
1392m W	Hereford, England	Groundwater	4	Existing

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

0

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.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

1

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.

Features are displayed on the SSSI Impact Zones and Units map on [page 73 >](#)

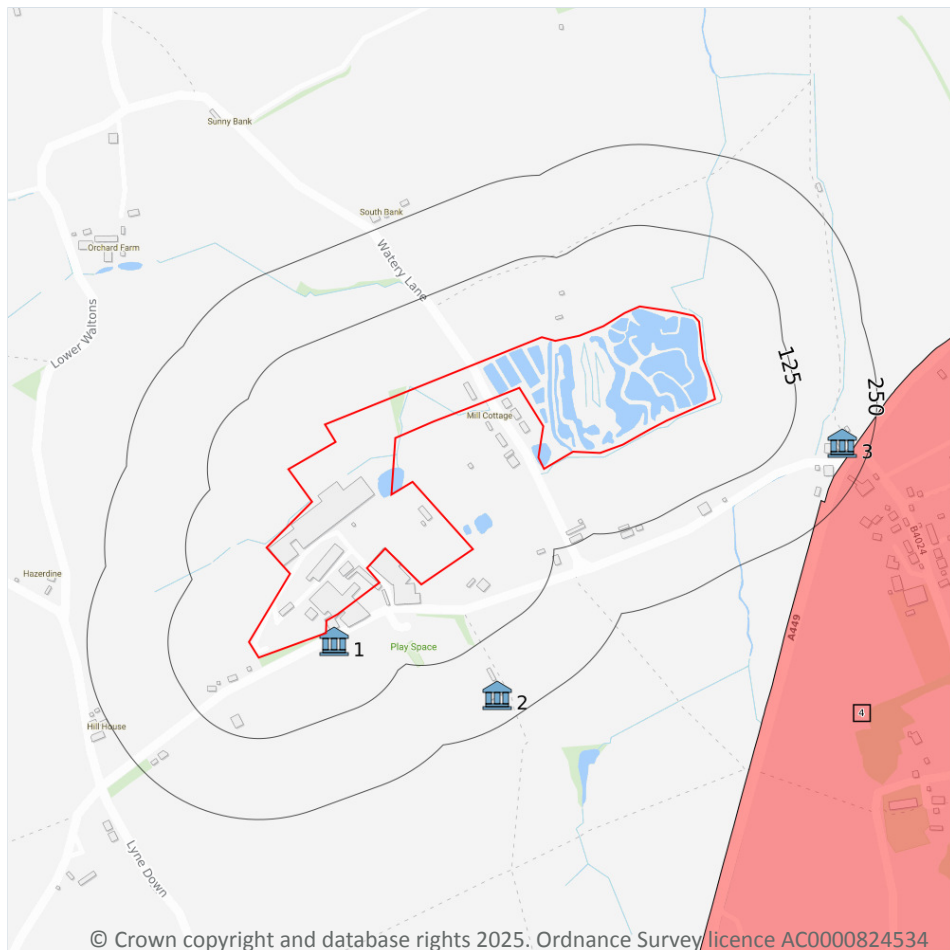
ID: -
Location: 1560m E
SSSI name: Hall Wood
Unit name: 1
Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Favourable	02/07/2019
Wet woodland	Favourable	02/07/2019

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



11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

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**3**

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.

Features are displayed on the Visual and cultural designations map on [page 75 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	18m SE	Milestone About 15 Yards South Of Weston's Cider Factory	II	1099014	04/12/1995
2	207m SE	Cowlease	II	1349112	04/12/1985
3	208m E	Much Marcle Garage	II	1405514	09/05/2012

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



11.5 Conservation Areas

Records within 250m

1

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.

Features are displayed on the Visual and cultural designations map on [page 75](#) >

ID	Location	Name	District	Date of designation
4	219m SE	Much Marcle	County of Herefordshire	30/06/1976

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

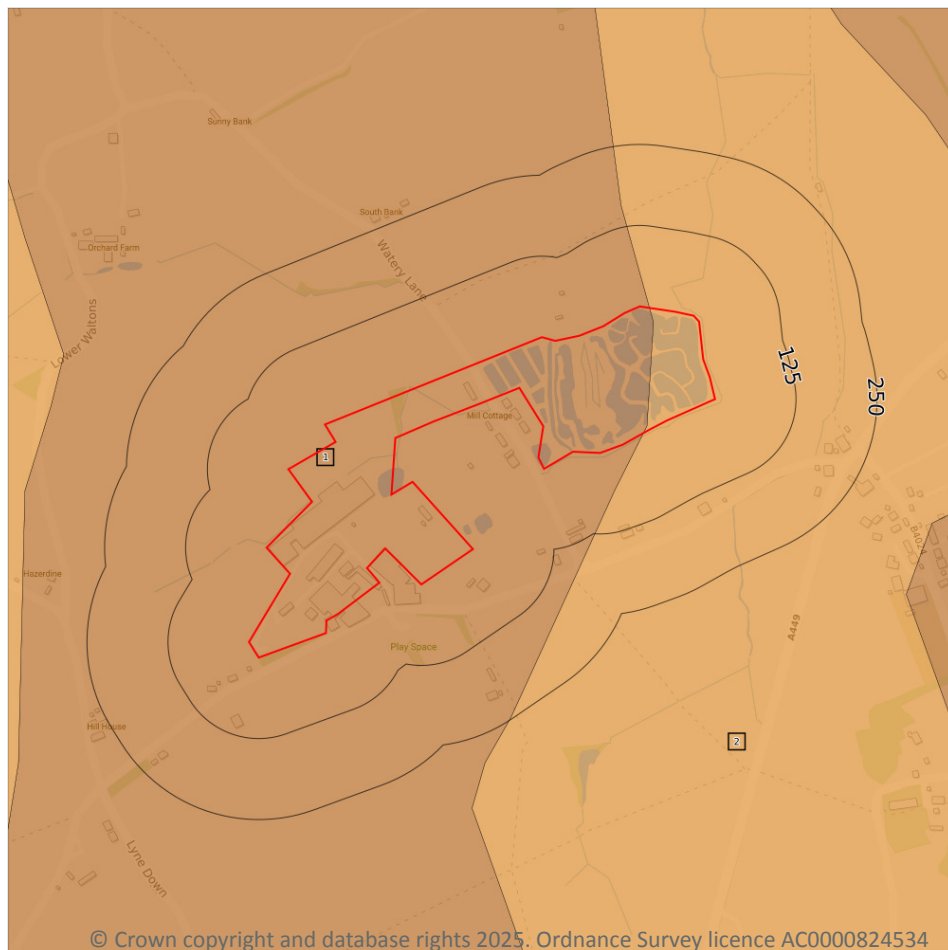
0

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 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

2

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 78](#) >

ID	Location	Classification	Description
1	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
2	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

This data is sourced from Natural England.

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	9
----------------------------	----------

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.

Location	Reference	Scheme	Start Date	End date
On site	AG00288984	Organic Entry Level plus Higher Level Stewardship	01/07/2009	30/06/2019



Location	Reference	Scheme	Start Date	End date
On site	AG00288984	Organic Entry Level plus Higher Level Stewardship	01/07/2009	30/06/2019
2m E	AG00344348	Organic Entry Level plus Higher Level Stewardship	01/05/2011	30/04/2021
2m E	AG00752872	Organic Entry Level plus Higher Level Stewardship	01/05/2011	30/04/2021
38m SE	AG00288984	Organic Entry Level plus Higher Level Stewardship	01/07/2009	30/06/2019
57m N	AG00288984	Organic Entry Level plus Higher Level Stewardship	01/07/2009	30/06/2019
132m SW	AG00497096	Entry Level Stewardship	01/10/2013	30/09/2018
243m E	AG00752872	Organic Entry Level plus Higher Level Stewardship	01/05/2011	30/04/2021
243m E	AG00344348	Organic Entry Level plus Higher Level Stewardship	01/05/2011	30/04/2021

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

6

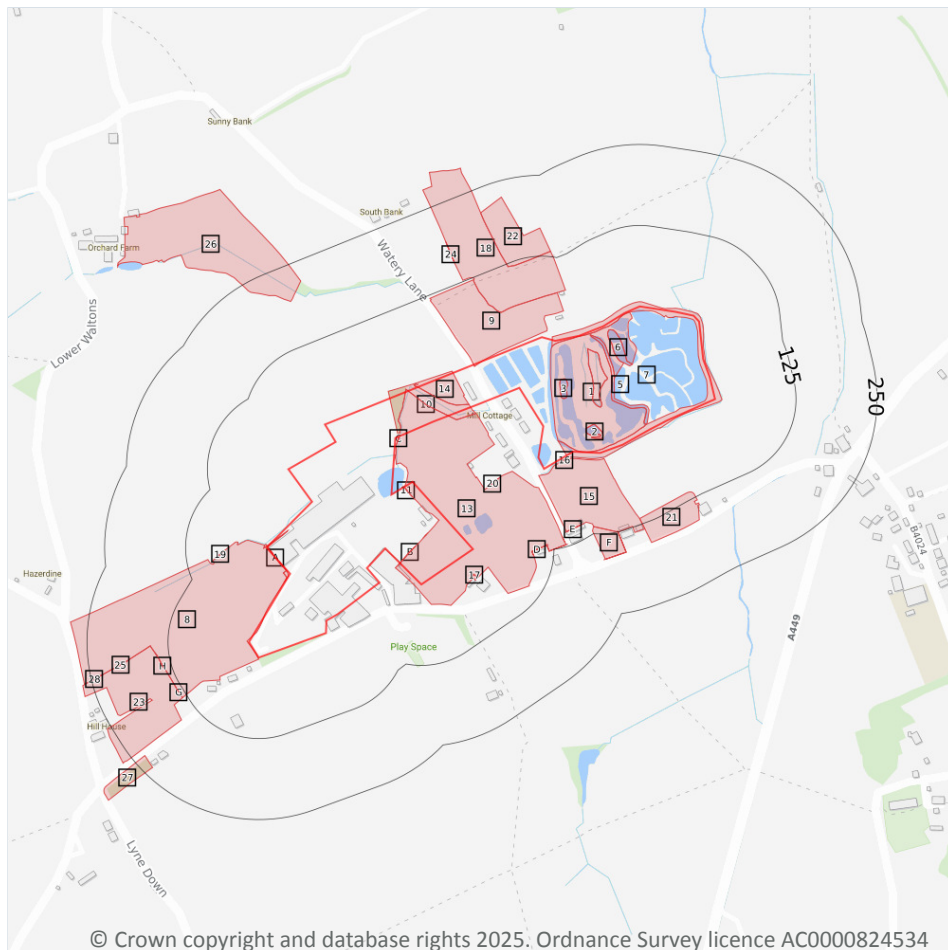
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	824280	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
3m N	824280	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
3m SE	824280	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
100m SW	824280	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
242m SE	1655089	Countryside Stewardship (Middle Tier)	01/01/2024	31/12/2028
242m SE	1453659	Countryside Stewardship (Middle Tier)	01/01/2023	31/12/2027

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

54

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

Features are displayed on the Habitat designations map on [page 81](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	On site	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
8	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
9	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
10	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
11	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
12	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
13	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
14	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
A	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
A	On site	Traditional orchard	Main habitat: TORCH (INV > 50%)
A	On site	Traditional orchard	Main habitat: TORCH (INV > 50%)
B	On site	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
B	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	On site	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
A	1m NW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
A	2m NW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
C	2m SE	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
C	2m E	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
C	3m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
15	3m SE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
16	4m SE	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
17	33m SE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
18	59m N	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
19	67m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
20	69m SW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset



ID	Location	Main Habitat	Other habitats
D	91m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
D	91m E	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
E	103m SE	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
E	111m S	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
21	113m SE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
F	114m S	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
E	114m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
22	118m N	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
F	125m S	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
23	132m SW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
G	133m SW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
G	133m SW	Traditional orchard	Main habitat: TORCH (INV > 50%)
H	138m W	Traditional orchard	Main habitat: TORCH (INV > 50%)
H	139m W	Traditional orchard	Main habitat: TORCH (INV > 50%)
H	139m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
H	143m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
F	158m S	Traditional orchard	Main habitat: TORCH (INV > 50%)
24	160m N	Traditional orchard	Main habitat: TORCH (INV > 50%, FEP + HLS)
25	192m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
26	196m N	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
27	232m SW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
28	232m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset

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

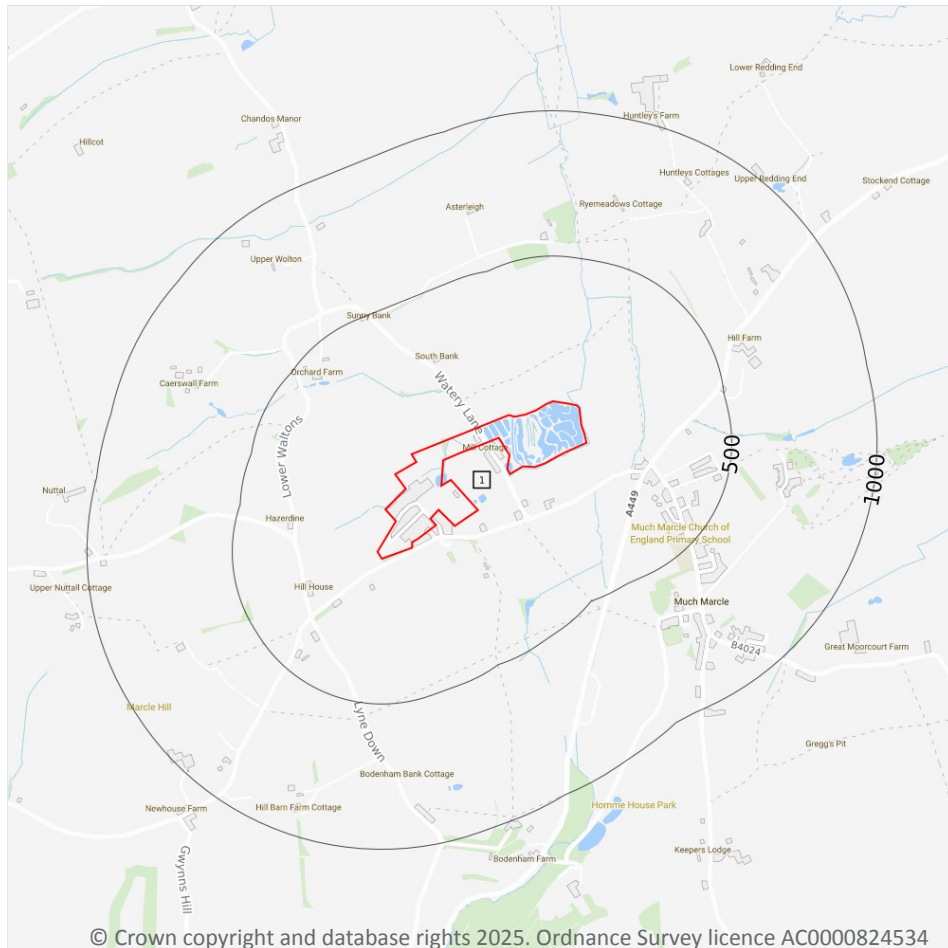
Records within 250m

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



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

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 85](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	No coverage	No coverage	No coverage	NoCov

This data is sourced from the British Geological Survey.



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

14.2 Artificial and made ground (10k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

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.

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

14.5 Bedrock geology (10k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

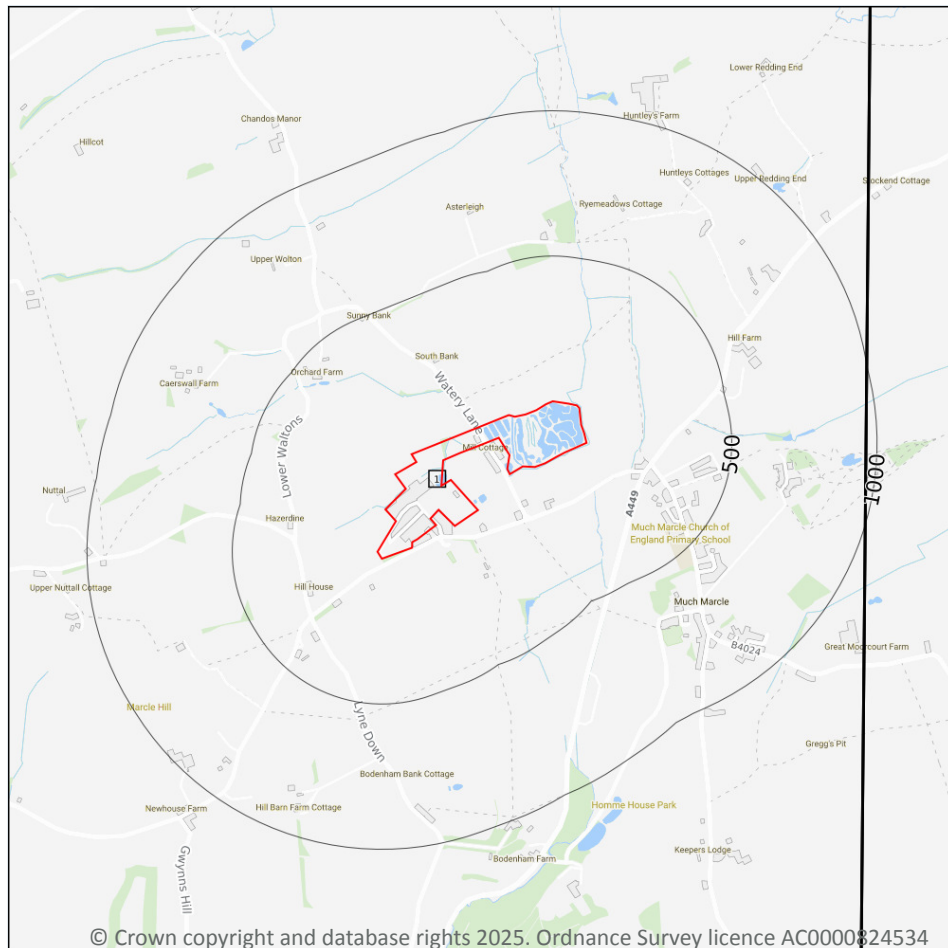
0

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.

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.

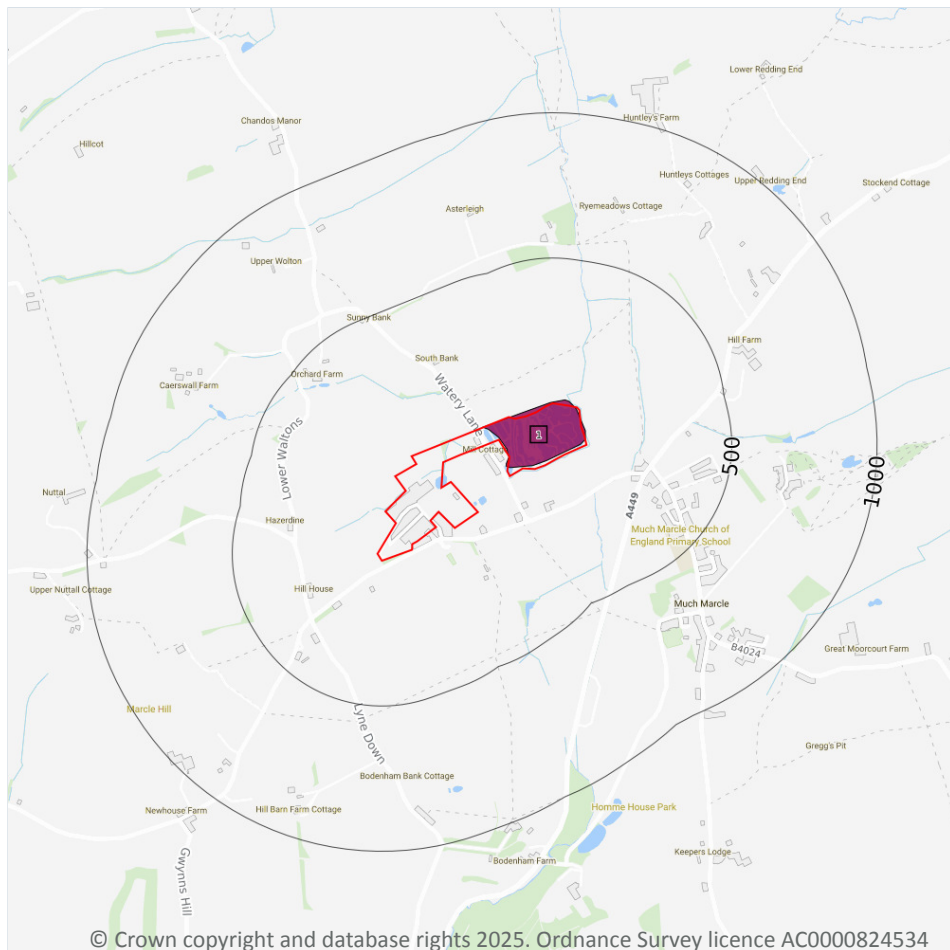
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 89](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW215_ross_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

1

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 90](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground	Artificial deposit

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

1

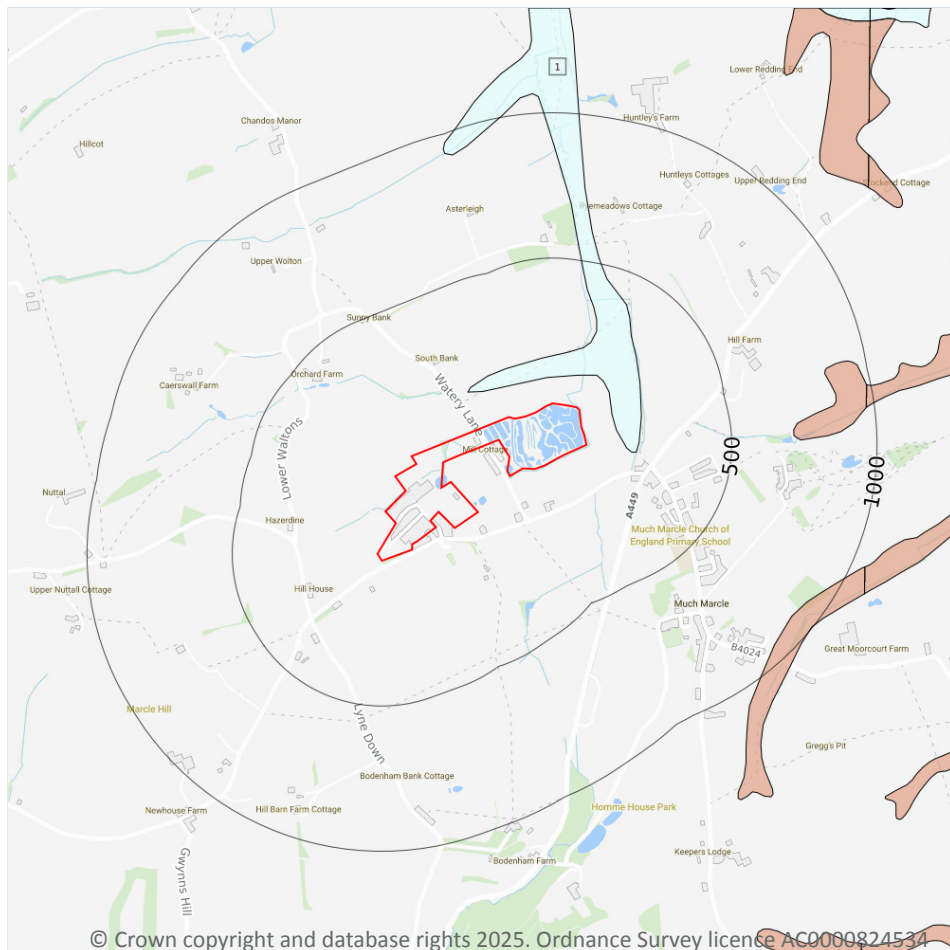
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

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

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 92](#) >

ID	Location	LEX Code	Description	Rock description
1	90m N	ALV-XCZSV	Alluvium	Clay, silt, sand and gravel

This data is sourced from the British Geological Survey.



15.5 Superficial 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 superficial deposits (the zone between the land surface and the water table).

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)

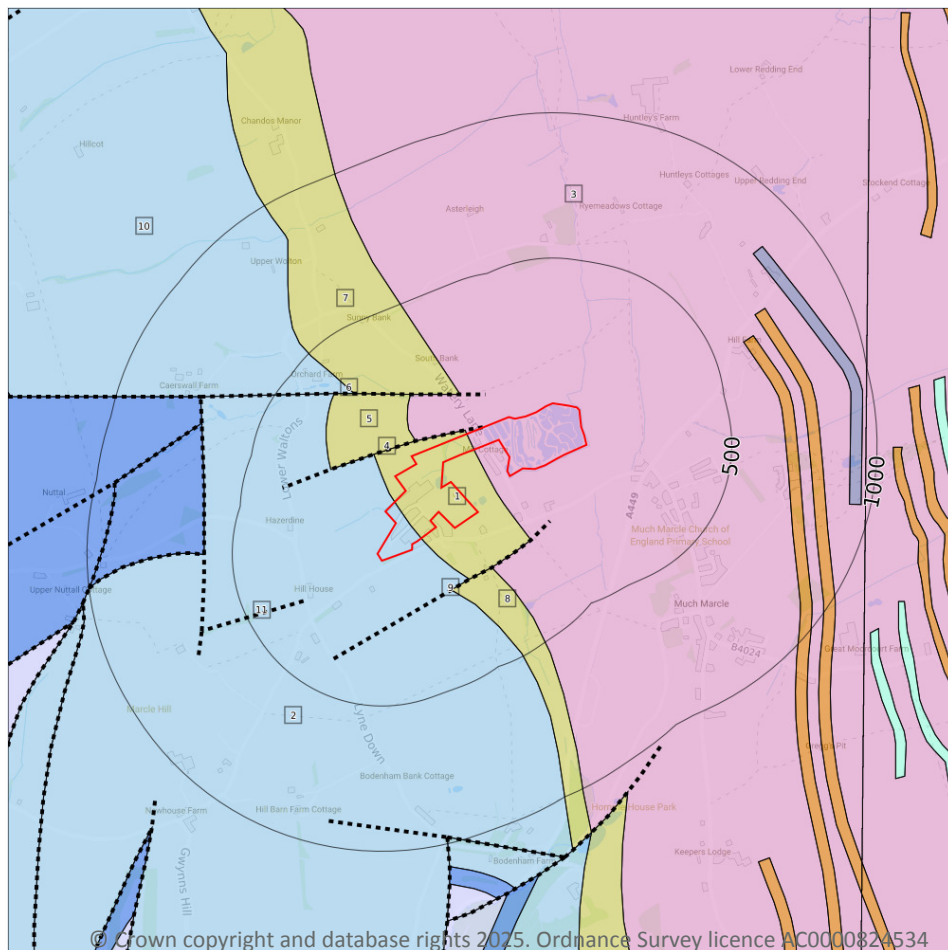
Records within 50m

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



— 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

7

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 94](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	DCS-SDST	Downton Castle Sandstone Formation-Sandstone	Not Defined
2	On site	ULUS-SLST	Upper Ludlow Shales Group-Siltstone	Ludfordian
3	On site	MOCL-SIMD	Moor Cliffs Formation-Siltstone and mudstone, interbedded	Not Defined

ID	Location	LEX Code	Description	Rock age
5	44m N	DCS-SDST	Downton Castle Sandstone Formation-Sandstone	Not Defined
7	135m N	DCS-SDST	Downton Castle Sandstone Formation-Sandstone	Not Defined
8	180m SE	DCS-SDST	Downton Castle Sandstone Formation-Sandstone	Not Defined
10	293m NW	ULUS-SLST	Upper Ludlow Shales Group-Siltstone	Ludfordian

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	4
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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
On site	Fracture	Moderate	Moderate
On site	Fracture	Moderate	Moderate
7m N	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	4
----------------------------	----------

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.

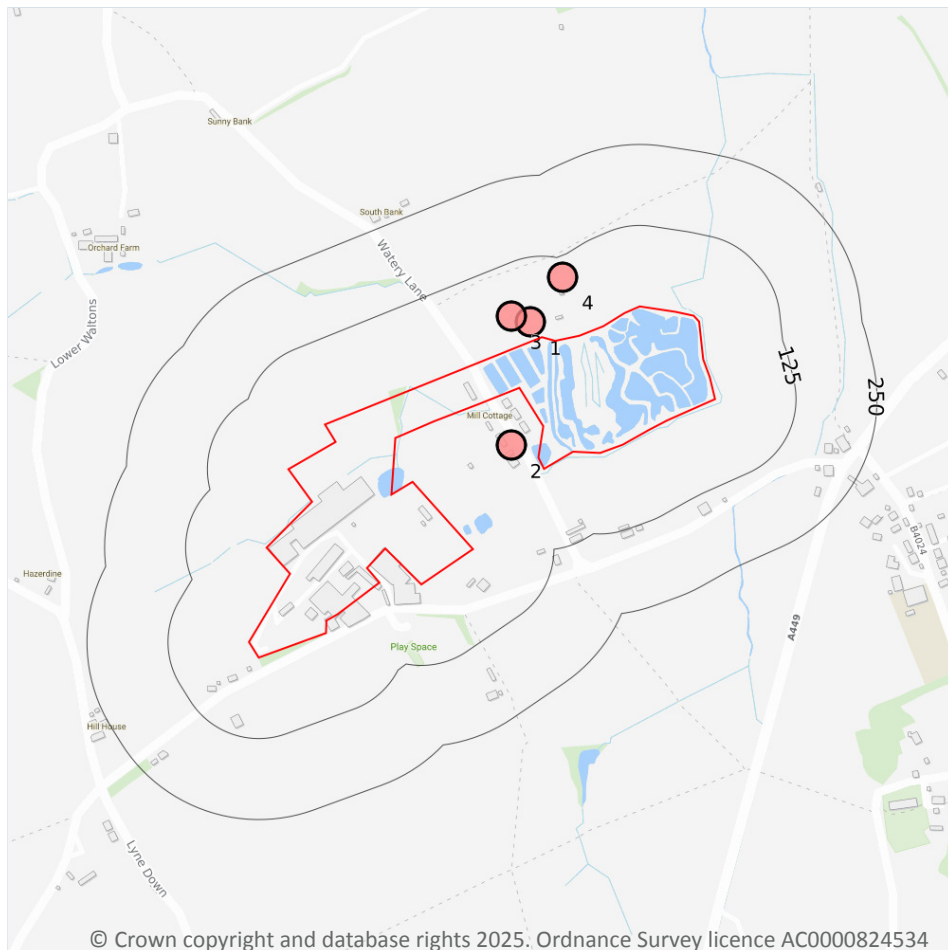
Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 94](#) >

ID	Location	Category	Description
4	1m N	FAULT	Fault, inferred, displacement unknown
6	103m N	FAULT	Fault, inferred, displacement unknown
9	180m SE	FAULT	Fault, inferred, displacement unknown
11	302m SW	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

4

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
1	28m N	365130 233490	WESTONS CIDER FACTORY MUCH MARCLE	56.38	N	268741 ↗
2	45m W	365100 233300	WESTONS CIDER MUCH MARCLE	61.0	N	19289691 ↗

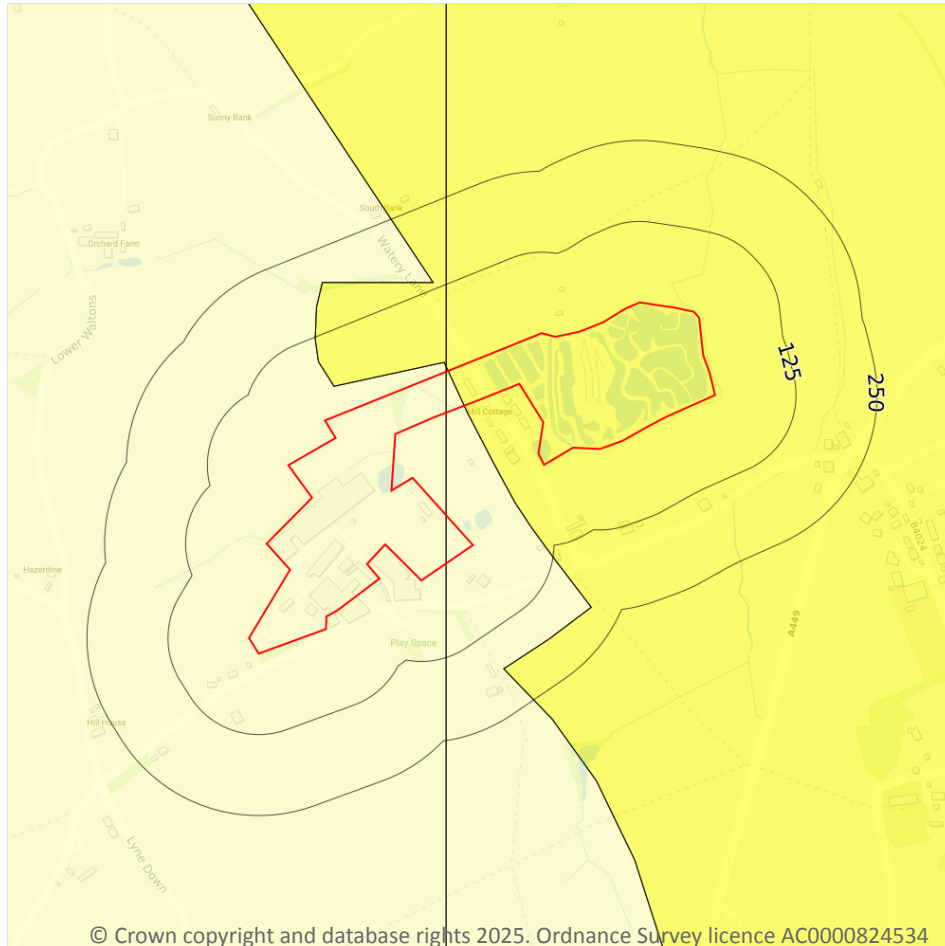


ID	Location	Grid reference	Name	Length	Confidential	Web link
3	49m N	365100 233500	WESTONS CIDER THE CRICKET PITCH MUCH MARCLE	75.0	N	19367598 ↗
4	94m N	365180 233560	WESTONS CIDER FACTORY MUC MARCLE	54.86	N	268742 ↗

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

3

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 >](#)

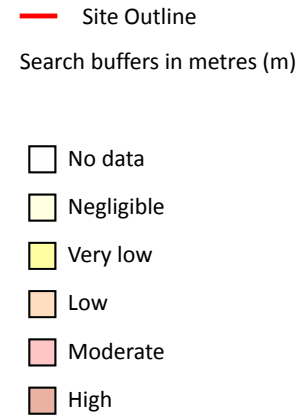
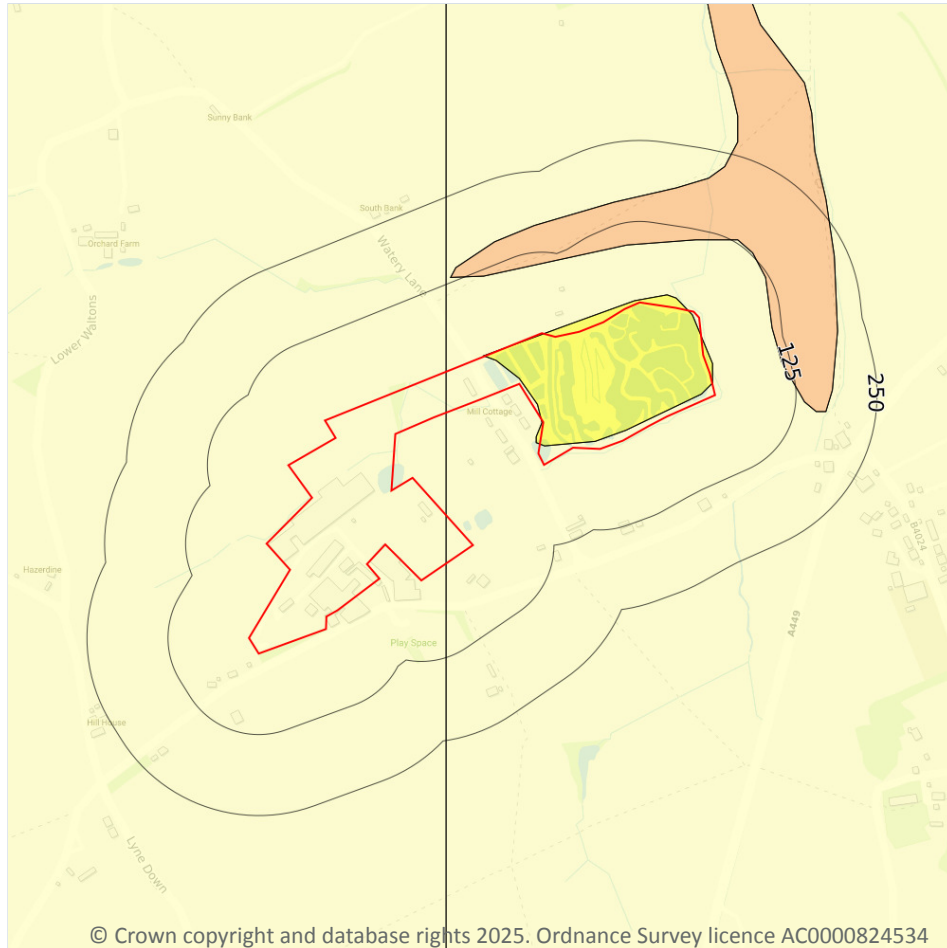
Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
8m N	Very low	Ground conditions predominantly low plasticity.



This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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 101](#) >

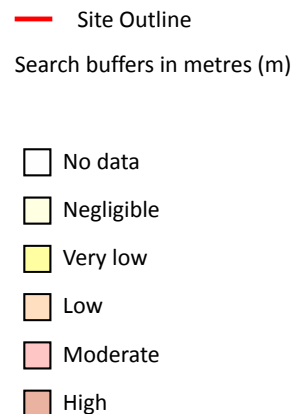
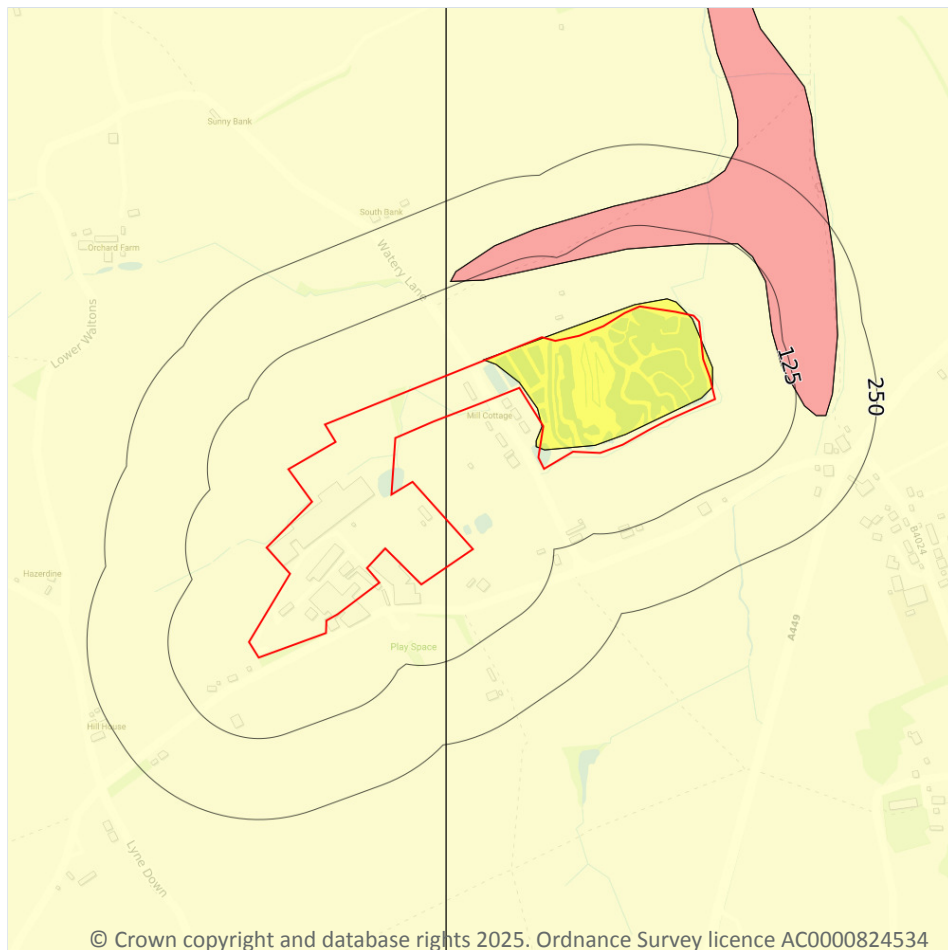
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	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



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.

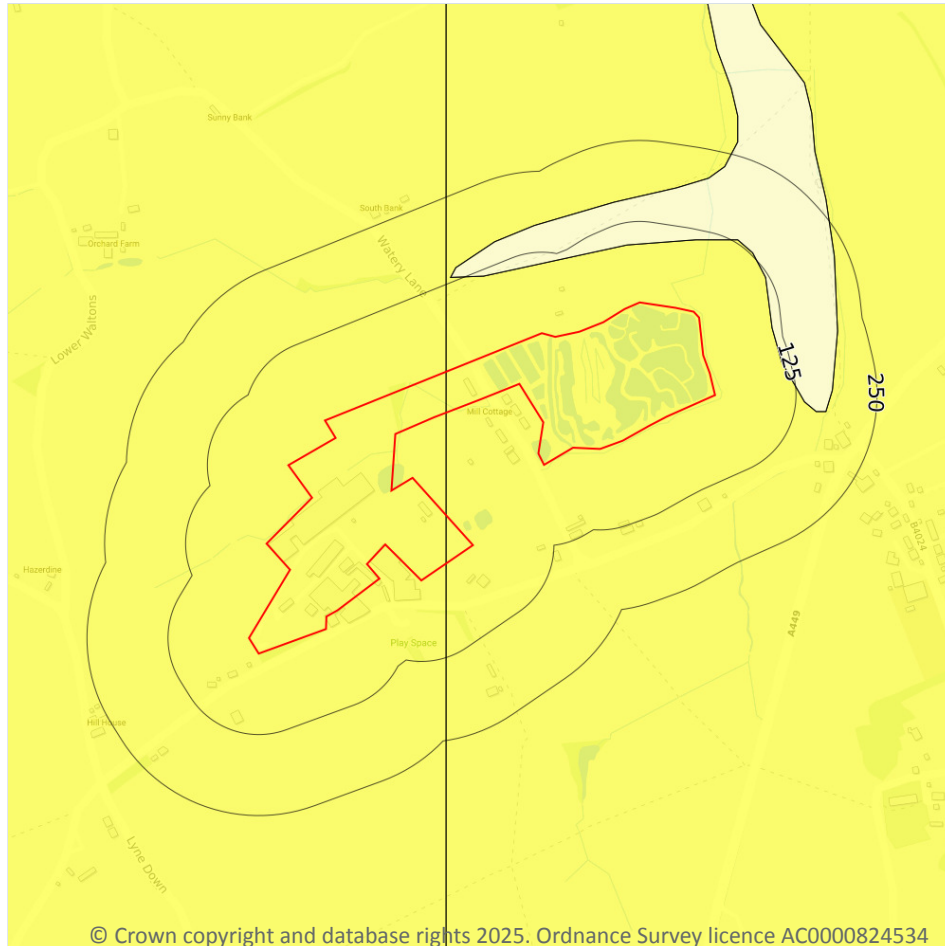
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 103](#) >

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	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



- 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.

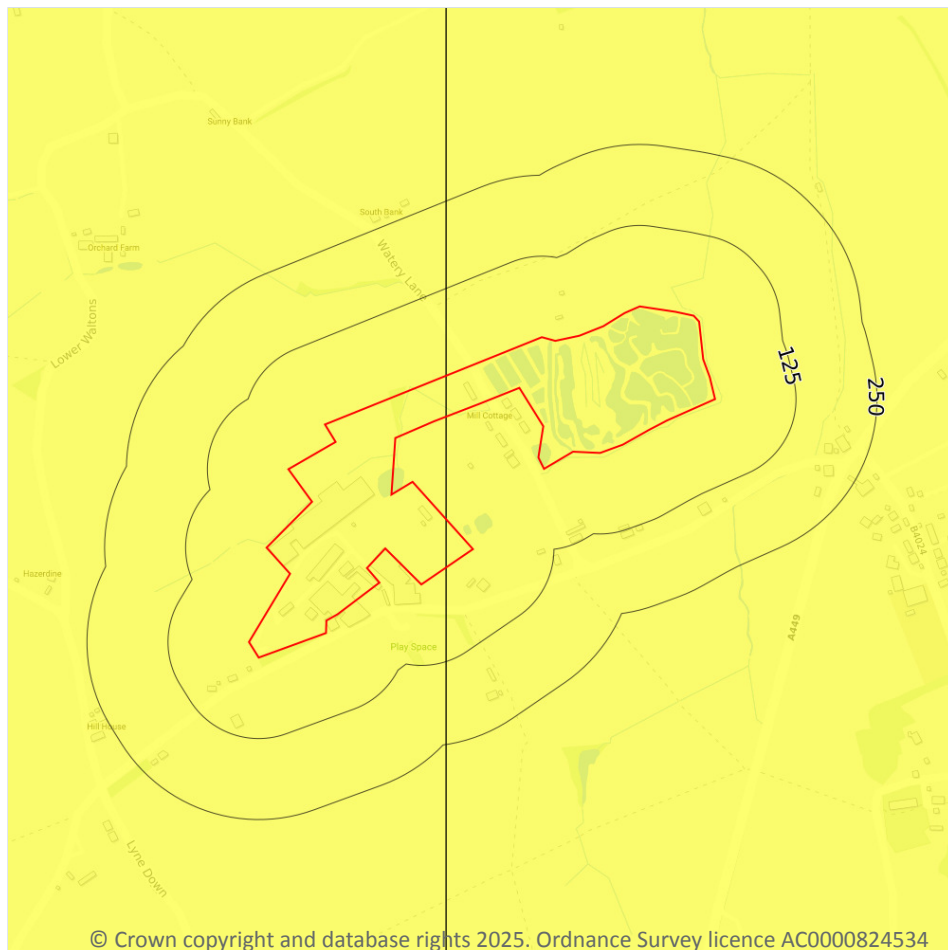
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 105 >](#)

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.

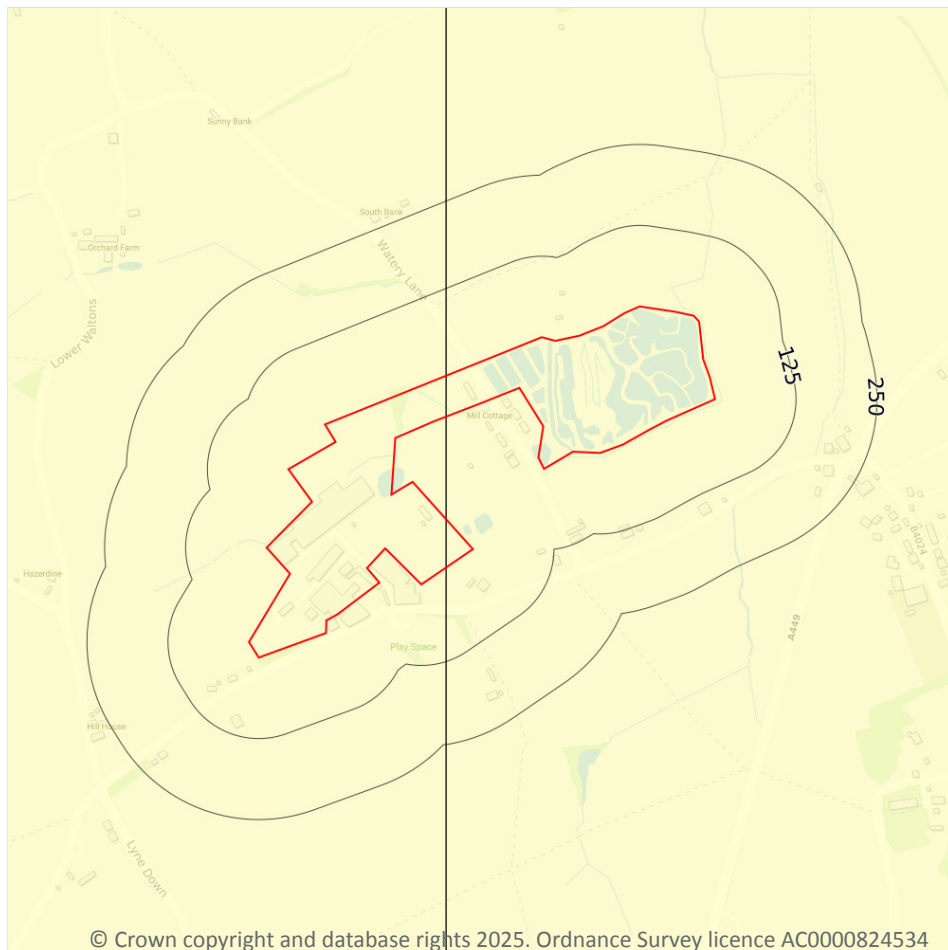
Features are displayed on the Natural ground subsidence - Landslides map on [page 106](#) >

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



- 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.

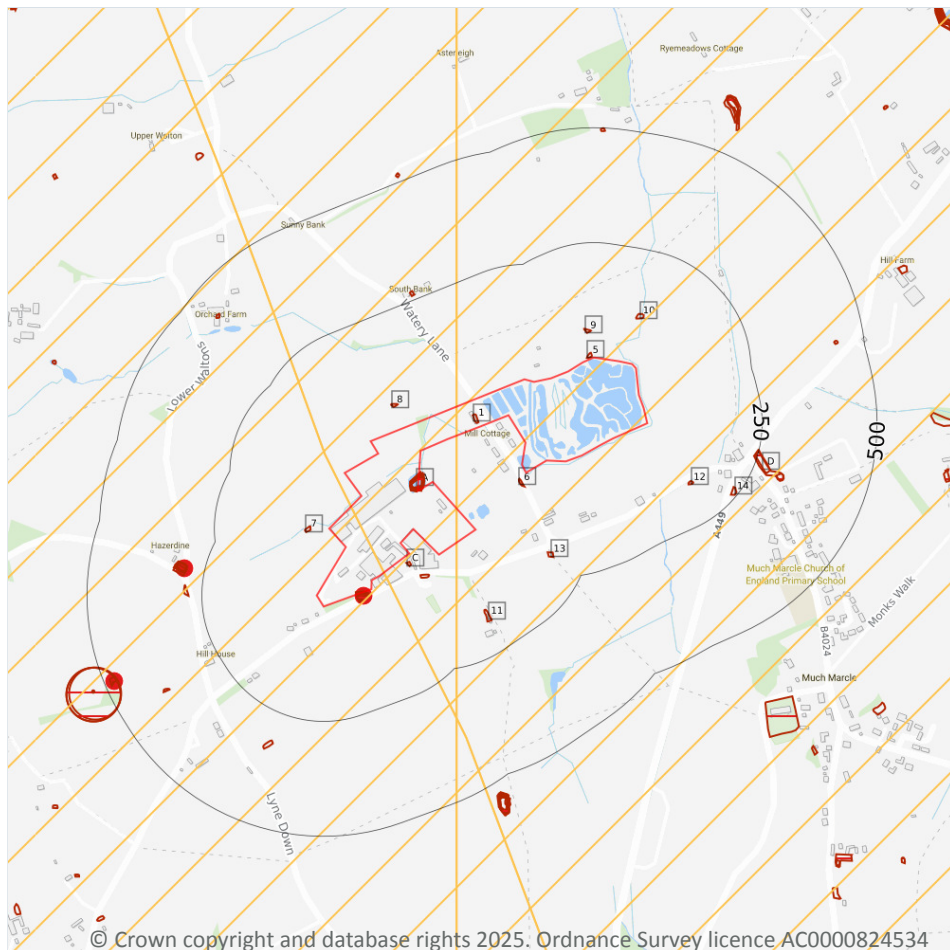
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 107](#) >

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

3

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.

Features are displayed on the Mining and ground workings map on [page 109](#) >

ID	Location	Details	Description
B	7m S	Name: Bounds Address: Much Marcle, HEREFORD, Herefordshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
E	294m W	Name: Hill Cottage Address: Much Marcle, HEREFORD, Herefordshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
F	479m SW	Name: Hill Cottage Address: Much Marcle, HEREFORD, Herefordshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	31
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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 109](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Pond	1948	1:10560
A	On site	Pond	1924	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Pond	1882	1:10560
A	On site	Pond	1904	1:10560
A	On site	Pond	1924	1:10560
A	On site	Pond	1948	1:10560
A	On site	Pond	1926	1:10560
A	On site	Pond	1903	1:10560
A	On site	Pond	1948	1:10560
A	On site	Pond	1980	1:10000
A	On site	Pond	1887	1:10560
B	On site	Unspecified Old Quarry	1924	1:10560
B	On site	Unspecified Old Quarry	1904	1:10560
B	On site	Unspecified Quarry	1926	1:10560
B	On site	Unspecified Old Quarry	1903	1:10560
B	On site	Gravel Pit	1887	1:10560
B	1m S	Unspecified Old Quarry	1924	1:10560
5	4m NW	Pond	1948	1:10560
C	13m SE	Pond	1948	1:10560
6	19m SW	Pond	1948	1:10560
7	41m W	Pond	1948	1:10560
C	49m SW	Pond	1948	1:10560
8	51m N	Pond	1948	1:10560
9	56m N	Pond	1948	1:10560
10	99m N	Pond	1948	1:10560
11	155m SE	Pond	1948	1:10560
12	157m SE	Pond	1948	1:10560
13	165m E	Pond	1948	1:10560
14	234m SE	Pond	1948	1:10560
D	243m E	Ponds	1887	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
D	247m E	Pond	1980	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	0
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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
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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
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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	4
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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).

Features are displayed on the Mining and ground workings map on [page 109 >](#)

ID	Location	Name	Commodity	Class	Likelihood
2	On site	Berwyn Hills	Vein Mineral	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
3	On site	Berwyn Hills	Vein Mineral	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
4	On site	Not available	Vein Mineral	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
17	336m SE	Not available	Vein Mineral	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

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

0

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

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
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
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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.

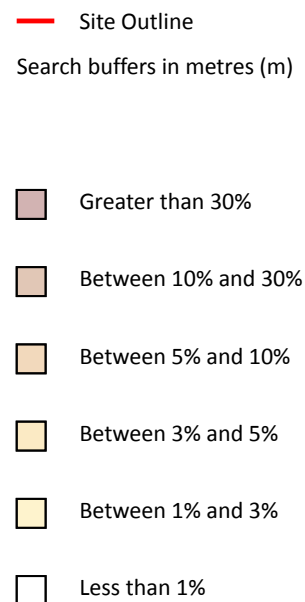
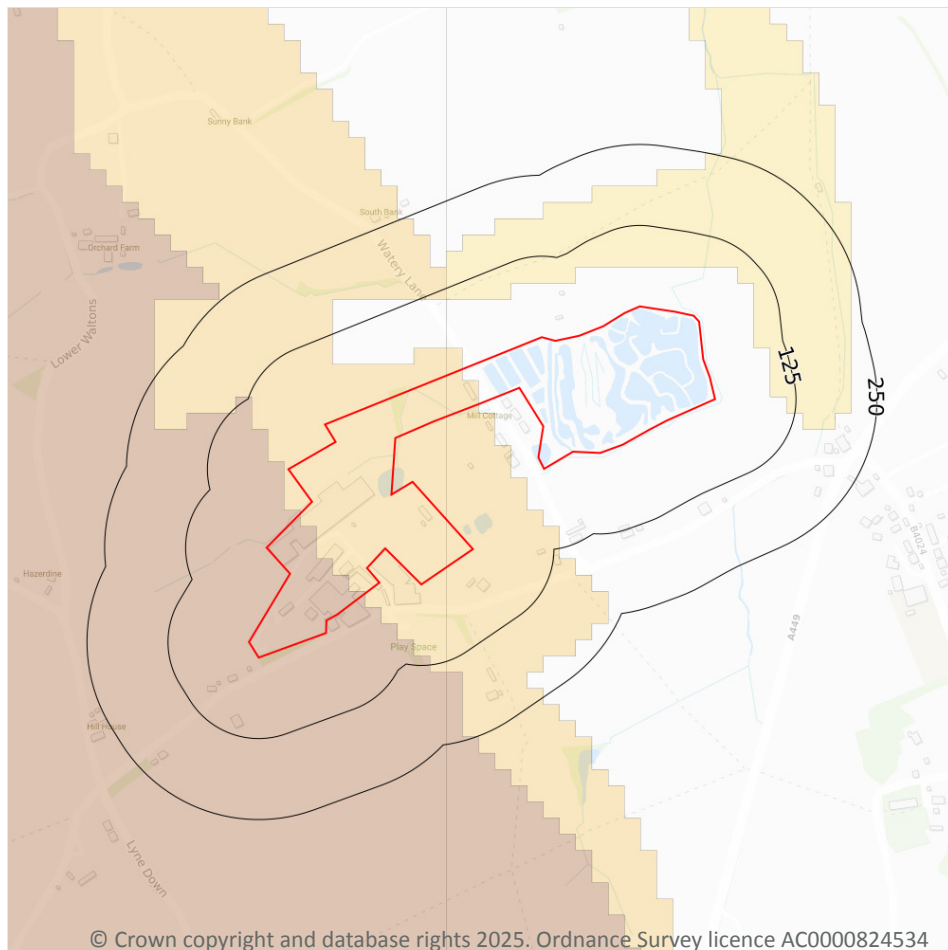
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

3

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 118](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 10% and 30%	Full



Location	Estimated properties affected	Radon Protection Measures required
On site	Between 3% and 5%	Basic
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

11

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 km². 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 km²; 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	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
7m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
7m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
44m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 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 km²).

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 km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m	0
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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
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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
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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	0
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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.

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0
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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> ↗.

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