

Units 22 & 23, SUGARBROOK ROAD, BROMSGROVE, B60 3DW

Order Details

Date: 09/02/2024
Your ref: ACMS_Waste_Limited
Our Ref: GS-78P-87W-7OA-R2D

Site Details

Location: 396062 269113
Area: 0.05 ha
Authority: [Bromsgrove District Council](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

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OS MasterMap site plan

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groundsure.com/insightuserguide ↗

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	0	0	6	26	-
17 >	1.2 >	Historical tanks >	0	0	7	44	-
19 >	1.3 >	Historical energy features >	0	0	4	8	-
20	1.4	Historical petrol stations	0	0	0	0	-
20	1.5	Historical garages	0	0	0	0	-
20	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
21 >	2.1 >	Historical industrial land uses >	0	0	6	26	-
23 >	2.2 >	Historical tanks >	0	0	21	77	-
27 >	2.3 >	Historical energy features >	0	0	18	29	-
29	2.4	Historical petrol stations	0	0	0	0	-
29	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
30	3.1	Active or recent landfill	0	0	0	0	-
30	3.2	Historical landfill (BGS records)	0	0	0	0	-
31 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	2	-
31 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	2	-
32	3.5	Historical waste sites	0	0	0	0	-
32	3.6	Licensed waste sites	0	0	0	0	-
32 >	3.7 >	Waste exemptions >	0	1	6	3	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
34 >	4.1 >	Recent industrial land uses >	1	4	51	-	-
38 >	4.2 >	Current or recent petrol stations >	0	0	0	1	-
39	4.3	Electricity cables	0	0	0	0	-
39	4.4	Gas pipelines	0	0	0	0	-
39	4.5	Sites determined as Contaminated Land	0	0	0	0	-



39	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
39	4.7	Regulated explosive sites	0	0	0	0	-
40	4.8	Hazardous substance storage/usage	0	0	0	0	-
40	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
40	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
40 >	4.11 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	0	0	3	3	-
41	4.12	Radioactive Substance Authorisations	0	0	0	0	-
41 >	4.13 >	<u>Licensed Discharges to controlled waters ></u>	0	0	0	1	-
42	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
42	4.15	Pollutant release to public sewer	0	0	0	0	-
42	4.16	List 1 Dangerous Substances	0	0	0	0	-
42 >	4.17 >	<u>List 2 Dangerous Substances ></u>	0	0	0	3	-
43 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	2	6	-
44	4.19	Pollution inventory substances	0	0	0	0	-
44	4.20	Pollution inventory waste transfers	0	0	0	0	-
44	4.21	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)				
47 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
48	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
48	5.5	Groundwater vulnerability- local information	None (within 0m)				
49 >	5.6 >	<u>Groundwater abstractions ></u>	0	0	0	1	8
52 >	5.7 >	<u>Surface water abstractions ></u>	0	0	1	0	0
52 >	5.8 >	<u>Potable abstractions ></u>	0	0	0	0	5
53 >	5.9 >	<u>Source Protection Zones ></u>	1	0	0	1	-
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 >	<u>Water Network (OS MasterMap) ></u>	0	0	1	-	-



56 >	6.2 >	Surface water features >	0	0	2	-	-
56 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
56 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
57 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
58 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
59	7.2	Historical Flood Events	0	0	0	-	-
59	7.3	Flood Defences	0	0	0	-	-
59	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
59	7.5	Flood Storage Areas	0	0	0	-	-
60 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
61 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
62 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
64 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
65	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
66	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
66	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
66	10.4	Special Protection Areas (SPA)	0	0	0	0	0
66	10.5	National Nature Reserves (NNR)	0	0	0	0	0
67	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
67	10.7	Designated Ancient Woodland	0	0	0	0	0
67	10.8	Biosphere Reserves	0	0	0	0	0
67	10.9	Forest Parks	0	0	0	0	0
68	10.10	Marine Conservation Zones	0	0	0	0	0
68 >	10.11 >	Green Belt >	0	0	0	0	2
68	10.12	Proposed Ramsar sites	0	0	0	0	0



68	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
69	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
69	10.15	Nitrate Sensitive Areas	0	0	0	0	0
69 >	10.16 >	Nitrate Vulnerable Zones >	2	0	0	0	1
70 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
71	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
72	11.1	World Heritage Sites	0	0	0	-	-
72	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
72	11.3	National Parks	0	0	0	-	-
72	11.4	Listed Buildings	0	0	0	-	-
73	11.5	Conservation Areas	0	0	0	-	-
73	11.6	Scheduled Ancient Monuments	0	0	0	-	-
73	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
74 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
75	12.2	Open Access Land	0	0	0	-	-
75	12.3	Tree Felling Licences	0	0	0	-	-
75	12.4	Environmental Stewardship Schemes	0	0	0	-	-
75	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
76 >	13.1 >	Priority Habitat Inventory >	0	1	3	-	-
77	13.2	Habitat Networks	0	0	0	-	-
77	13.3	Open Mosaic Habitat	0	0	0	-	-
77	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
78 >	14.1 >	10k Availability >	Identified (within 500m)				
79	14.2	Artificial and made ground (10k)	0	0	0	0	-
80 >	14.3 >	Superficial geology (10k) >	0	2	1	2	-

81	14.4	Landslip (10k)	0	0	0	0	-
82 >	14.5 >	Bedrock geology (10k) >	1	0	0	0	-
83	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
84 >	15.1 >	50k Availability >	Identified (within 500m)				
85	15.2	Artificial and made ground (50k)	0	0	0	0	-
85	15.3	Artificial ground permeability (50k)	0	0	-	-	-
86 >	15.4 >	Superficial geology (50k) >	0	0	3	2	-
87	15.5	Superficial permeability (50k)	None (within 50m)				
87	15.6	Landslip (50k)	0	0	0	0	-
87	15.7	Landslip permeability (50k)	None (within 50m)				
88 >	15.8 >	Bedrock geology (50k) >	1	0	0	1	-
89 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
89	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
90 >	16.1 >	BGS Boreholes >	0	0	37	-	-
Page	Section	Natural ground subsidence >					
93 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
94 >	17.2 >	Running sands >	Negligible (within 50m)				
95 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
96 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
97 >	17.5 >	Landslides >	Very low (within 50m)				
98 >	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
100	18.1	BritPits	0	0	0	0	-
100	18.2	Surface ground workings	0	0	0	-	-
100	18.3	Underground workings	0	0	0	0	0
100	18.4	Underground mining extents	0	0	0	0	-
101	18.5	Historical Mineral Planning Areas	0	0	0	0	-



101	18.6	Non-coal mining	0	0	0	0	0
101 >	18.7 >	JPB mining areas >	Identified (within 0m)				
101	18.8	The Coal Authority non-coal mining	0	0	0	0	-
102	18.9	Researched mining	0	0	0	0	-
102	18.10	Mining record office plans	0	0	0	0	-
102	18.11	BGS mine plans	0	0	0	0	-
102	18.12	Coal mining	None (within 0m)				
102	18.13	Brine areas	None (within 0m)				
103	18.14	Gypsum areas	None (within 0m)				
103	18.15	Tin mining	None (within 0m)				
103	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
104	19.1	Natural cavities	0	0	0	0	-
104	19.2	Mining cavities	0	0	0	0	0
104	19.3	Reported recent incidents	0	0	0	0	-
104	19.4	Historical incidents	0	0	0	0	-
105	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
106 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
108 >	21.1 >	BGS Estimated Background Soil Chemistry >	1	2	-	-	-
108	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
108	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
109	22.1	Underground railways (London)	0	0	0	-	-
109	22.2	Underground railways (Non-London)	0	0	0	-	-
109	22.3	Railway tunnels	0	0	0	-	-
109	22.4	Historical railway and tunnel features	0	0	0	-	-
109	22.5	Royal Mail tunnels	0	0	0	-	-



110	22.6	Historical railways	0	0	0	-	-
110	22.7	Railways	0	0	0	-	-
110	22.8	Crossrail 1	0	0	0	0	-
110	22.9	Crossrail 2	0	0	0	0	-
110	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 30/04/2022

Site Area: 0.05ha



Recent site history - 2019 aerial photograph



Capture Date: 19/09/2019

Site Area: 0.05ha



Recent site history - 2010 aerial photograph



Capture Date: 02/09/2010

Site Area: 0.05ha



Recent site history - 2005 aerial photograph



Capture Date: 21/08/2005

Site Area: 0.05ha



Recent site history - 1999 aerial photograph



Capture Date: 27/07/1999

Site Area: 0.05ha



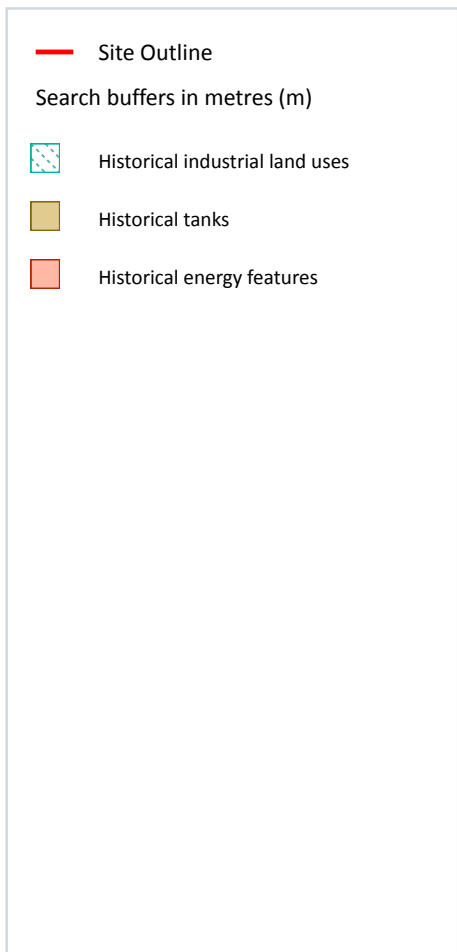
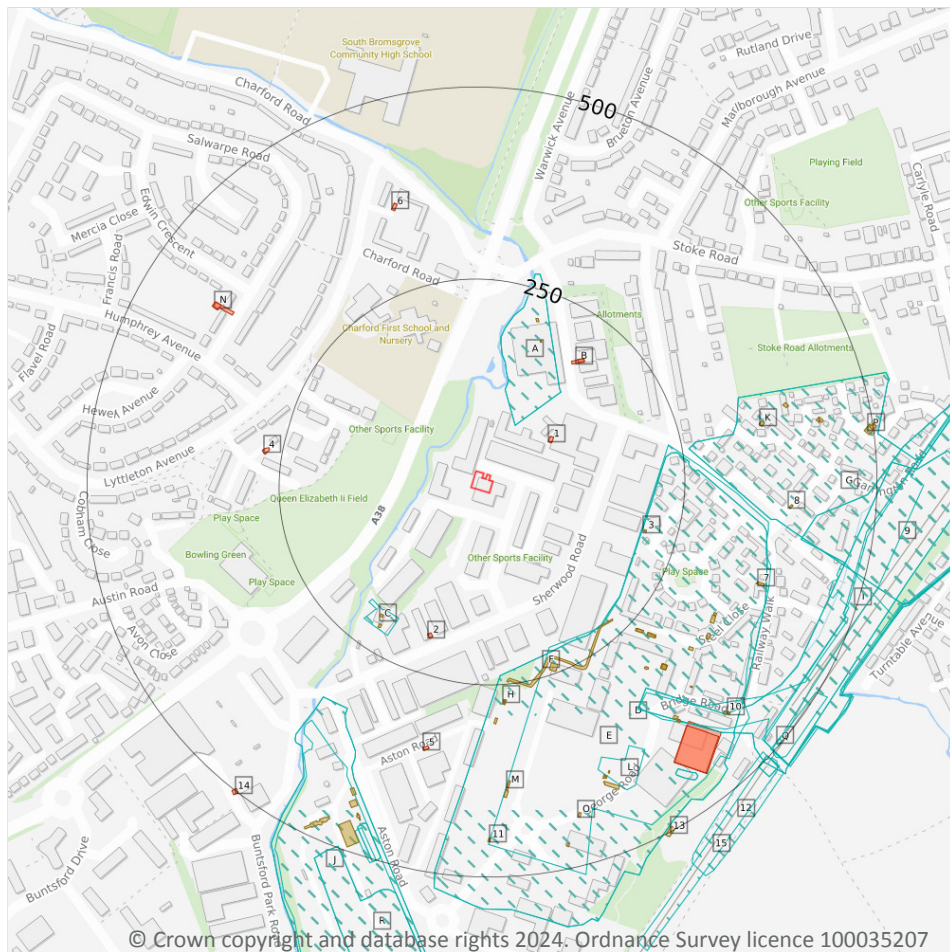
OS MasterMap site plan



Site Area: 0.05ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m

32

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

Features are displayed on the Past land use map on [page 15](#) >

ID	Location	Land use	Dates present	Group ID
A	73m NE	Unspecified Works	1983	1049552



ID	Location	Land use	Dates present	Group ID
A	73m NE	Unspecified Works	1976	1112320
C	194m SW	Corn Mill	1883	1016442
D	203m E	Engineering Works	1949	1008417
E	204m E	Unspecified Works	1976	1119829
E	204m E	Unspecified Works	1983	1153242
G	259m E	Unspecified Commercial/Industrial	1976	1051164
G	259m E	Unspecified Commercial/Industrial	1983	1108957
I	326m SE	Railway Sidings	1976	1079398
I	326m SE	Railway Sidings	1983	1117663
J	330m SW	Sewage Works	1983	1055850
J	330m SW	Sewage Works	1976	1071142
I	331m SE	Railway Sidings	1949	1133247
J	367m SW	Sewage Works	1949	1122301
L	373m SE	Railway Sidings	1949	994172
9	408m E	Wagon Works	1949	1083734
D	435m SE	Unspecified Tanks	1983	1109632
D	435m SE	Unspecified Tanks	1976	1142946
J	458m S	Sewage Tanks	1983	1081384
J	458m S	Sewage Tanks	1976	1129570
J	465m S	Sewage Tanks	1949	1058932
I	474m SE	Railway Sidings	1930	1152942
I	475m SE	Railway Sidings	1938	1110818
12	490m SE	Cuttings	1949	1077707
I	490m SE	Railway Sidings	1901 - 1903	1130707
Q	494m SE	Railway Building	1901	1014200
Q	495m SE	Cuttings	1883	995340
Q	497m SE	Cuttings	1901	1131974
Q	497m SE	Cuttings	1938	1149344



ID	Location	Land use	Dates present	Group ID
R	498m S	Sewage Tanks	1976	1062862
R	498m S	Sewage Tanks	1983	1070286
15	499m SE	Cuttings	1883	1109453

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

51

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
A	185m NE	Unspecified Tank	1967	154632
C	202m SW	Unspecified Tank	1988 - 1996	163451
3	207m E	Unspecified Tank	1995	158735
A	209m N	Unspecified Tank	1982	154633
C	213m SW	Unspecified Tank	1988 - 1996	158518
F	225m SE	Tanks	1994	157837
F	235m S	Tanks	1967 - 1994	165708
D	260m SE	Tanks	1994	157838
D	261m SE	Unspecified Tank	1979	154631
H	269m S	Unspecified Tank	1994	160278
H	270m S	Unspecified Tank	1979	161508
H	273m S	Unspecified Tank	1994	159164
H	273m S	Unspecified Tank	1979	168423
D	275m SE	Tanks	1973 - 1979	164666
D	275m SE	Tanks	1967	161725



ID	Location	Land use	Dates present	Group ID
H	293m S	Tanks	1994	157832
D	304m SE	Unspecified Tank	1979 - 1994	166654
D	316m SE	Tanks	1973	167450
D	316m SE	Tanks	1979 - 1994	166716
D	317m SE	Tanks	1967	159251
D	328m SE	Tanks	1994	157861
D	331m SE	Unspecified Tank	1979 - 1994	163429
D	331m SE	Unspecified Tank	1979 - 1994	158091
D	338m SE	Unspecified Tank	1979 - 1994	165416
K	354m E	Unspecified Tank	1982 - 1995	165083
D	363m SE	Unspecified Tank	1979	154624
7	367m E	Unspecified Tank	1967 - 1994	165241
M	375m S	Tanks	1994	157831
D	376m SE	Tanks	1979	157862
D	384m SE	Unspecified Tank	1973	154625
D	384m SE	Tanks	1979	157863
8	387m E	Unspecified Tank	1982 - 1995	161458
M	388m S	Unspecified Tank	1967 - 1994	158789
K	390m E	Unspecified Tank	1982 - 1995	166914
L	393m SE	Unspecified Tank	1979	154630
L	396m SE	Unspecified Tank	1979	154629
L	398m SE	Unspecified Tank	1979	154628
L	404m S	Tanks	1994	157839
10	417m SE	Unspecified Tank	1967 - 1994	165609
J	420m SW	Unspecified Tank	1968	154676
K	428m E	Tanks	1967	160101
O	432m S	Tanks	1994	157840
J	433m S	Tanks	1968	157830



ID	Location	Land use	Dates present	Group ID
J	449m S	Unspecified Tank	1968	154675
11	449m S	Unspecified Tank	1967 - 1973	165744
J	461m S	Tanks	1968	157841
J	467m SW	Unspecified Tank	1968	154677
O	467m S	Unspecified Tank	1994	154627
P	488m E	Tanks	1967 - 1991	161974
P	494m E	Tanks	1977	165976
13	494m SE	Unspecified Tank	1979 - 1994	165275

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

12

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
1	87m NE	Electricity Substation	1967 - 1995	95965
B	180m NE	Electricity Substation	1995	94423
B	187m NE	Electricity Substation	1967 - 1990	89068
2	196m S	Electricity Substation	1988 - 1996	94662
4	267m W	Electricity Substation	1967 - 1996	95307
5	339m S	Electricity Substation	1988 - 1996	90536
6	355m N	Electricity Substation	1967 - 1996	94550
N	377m NW	Electricity Substation	1968	90903
D	395m SE	Electricity Substation	1967 - 1979	94730
N	396m NW	Electricity Substation	1967 - 1996	89085



ID	Location	Land use	Dates present	Group ID
D	397m SE	Electricity Substation	1994	93017
14	497m SW	Electricity Substation	1989 - 1996	95700

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

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

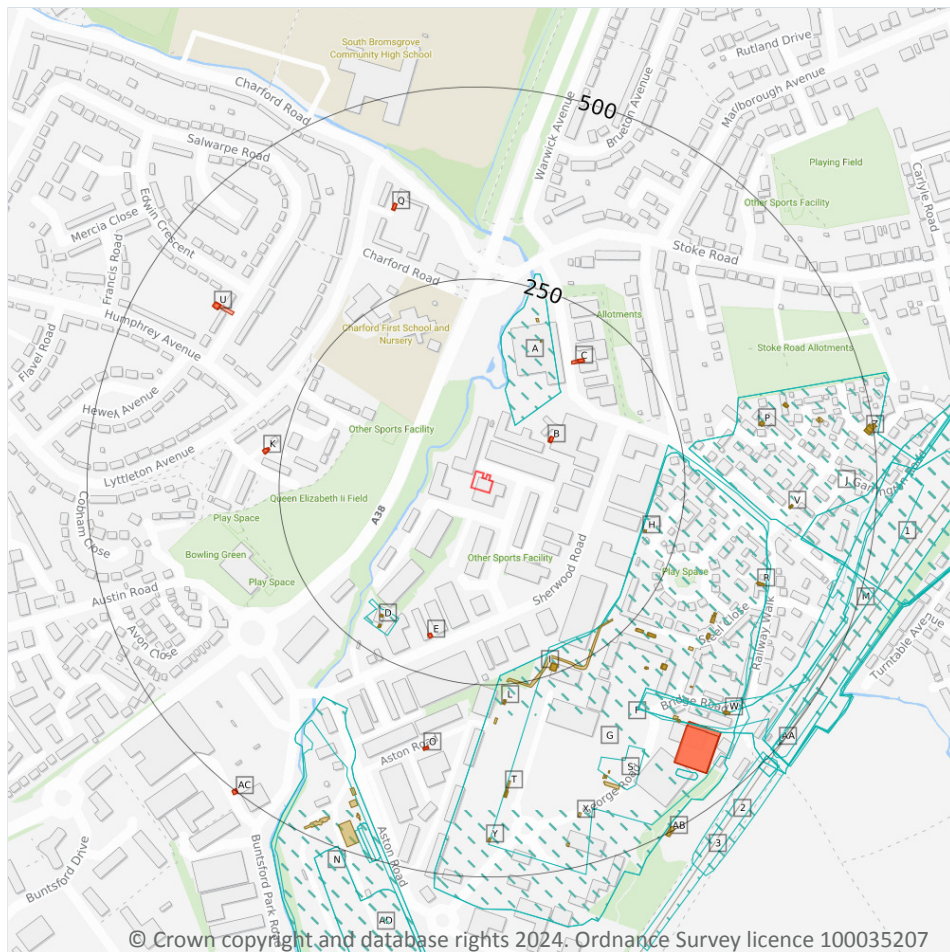
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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

2.1 Historical industrial land uses

Records within 500m

32

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

Features are displayed on the Past land use - un-grouped map on [page 21](#) >

ID	Location	Land Use	Date	Group ID
A	73m NE	Unspecified Works	1983	1049552
A	73m NE	Unspecified Works	1976	1112320
D	194m SW	Corn Mill	1883	1016442



ID	Location	Land Use	Date	Group ID
F	203m E	Engineering Works	1949	1008417
G	204m E	Unspecified Works	1983	1153242
G	204m E	Unspecified Works	1976	1119829
J	259m E	Unspecified Commercial/Industrial	1983	1108957
J	259m E	Unspecified Commercial/Industrial	1976	1051164
M	326m SE	Railway Sidings	1983	1117663
M	326m SE	Railway Sidings	1976	1079398
N	330m SW	Sewage Works	1983	1055850
N	330m SW	Sewage Works	1976	1071142
M	331m SE	Railway Sidings	1949	1133247
N	367m SW	Sewage Works	1949	1122301
S	373m SE	Railway Sidings	1949	994172
1	408m E	Wagon Works	1949	1083734
F	435m SE	Unspecified Tanks	1983	1109632
F	435m SE	Unspecified Tanks	1976	1142946
N	458m S	Sewage Tanks	1983	1081384
N	458m S	Sewage Tanks	1976	1129570
N	465m S	Sewage Tanks	1949	1058932
M	474m SE	Railway Sidings	1930	1152942
M	475m SE	Railway Sidings	1938	1110818
2	490m SE	Cuttings	1949	1077707
M	490m SE	Railway Sidings	1901	1130707
AA	494m SE	Railway Building	1901	1014200
AA	495m SE	Cuttings	1883	995340
AA	497m SE	Cuttings	1938	1149344
AA	497m SE	Cuttings	1901	1131974
AD	498m S	Sewage Tanks	1983	1070286
AD	498m S	Sewage Tanks	1976	1062862



ID	Location	Land Use	Date	Group ID
3	499m SE	Cuttings	1883	1109453

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	98
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 21 >](#)

ID	Location	Land Use	Date	Group ID
A	185m NE	Unspecified Tank	1967	154632
D	202m SW	Unspecified Tank	1988	163451
D	202m SW	Unspecified Tank	1996	163451
D	202m SW	Unspecified Tank	1996	163451
D	203m SW	Unspecified Tank	1988	163451
D	203m SW	Unspecified Tank	1989	163451
D	203m SW	Unspecified Tank	1991	163451
H	207m E	Unspecified Tank	1995	158735
H	207m E	Unspecified Tank	1995	158735
A	209m N	Unspecified Tank	1982	154633
D	213m SW	Unspecified Tank	1996	158518
D	214m SW	Unspecified Tank	1988	158518
D	214m SW	Unspecified Tank	1996	158518
D	215m SW	Unspecified Tank	1988	158518
D	215m SW	Unspecified Tank	1989	158518
D	215m SW	Unspecified Tank	1991	158518
I	225m SE	Tanks	1994	157837
I	235m S	Tanks	1994	165708
I	236m S	Tanks	1973	165708



ID	Location	Land Use	Date	Group ID
I	236m S	Tanks	1979	165708
I	236m S	Tanks	1967	165708
F	260m SE	Tanks	1994	157838
F	261m SE	Unspecified Tank	1979	154631
L	269m S	Unspecified Tank	1994	160278
L	270m S	Unspecified Tank	1979	161508
L	273m S	Unspecified Tank	1994	159164
L	273m S	Unspecified Tank	1979	168423
F	275m SE	Tanks	1973	164666
F	275m SE	Tanks	1967	161725
F	276m SE	Tanks	1979	164666
L	293m S	Tanks	1994	157832
F	304m SE	Unspecified Tank	1994	166654
F	305m SE	Unspecified Tank	1979	166654
F	316m SE	Tanks	1973	167450
F	316m SE	Tanks	1994	166716
F	317m SE	Tanks	1967	159251
F	318m SE	Tanks	1979	166716
F	328m SE	Tanks	1994	157861
F	331m SE	Unspecified Tank	1994	163429
F	331m SE	Unspecified Tank	1994	158091
F	332m SE	Unspecified Tank	1979	158091
F	332m SE	Unspecified Tank	1979	163429
F	338m SE	Unspecified Tank	1994	165416
F	339m SE	Unspecified Tank	1979	165416
P	354m E	Unspecified Tank	1982	165083
P	354m E	Unspecified Tank	1990	165083
P	354m E	Unspecified Tank	1990	165083



ID	Location	Land Use	Date	Group ID
P	355m E	Unspecified Tank	1995	165083
P	355m E	Unspecified Tank	1995	165083
F	363m SE	Unspecified Tank	1979	154624
R	367m E	Unspecified Tank	1994	165241
R	367m E	Unspecified Tank	1973	165241
R	368m E	Unspecified Tank	1967	165241
R	368m E	Unspecified Tank	1979	165241
T	375m S	Tanks	1994	157831
F	376m SE	Tanks	1979	157862
F	384m SE	Unspecified Tank	1973	154625
F	384m SE	Tanks	1979	157863
V	387m E	Unspecified Tank	1982	161458
V	387m E	Unspecified Tank	1990	161458
V	387m E	Unspecified Tank	1990	161458
V	388m E	Unspecified Tank	1995	161458
V	388m E	Unspecified Tank	1995	161458
T	388m S	Unspecified Tank	1994	158789
T	388m S	Unspecified Tank	1973	158789
T	388m S	Unspecified Tank	1967	158789
T	388m S	Unspecified Tank	1979	158789
P	390m E	Unspecified Tank	1982	166914
P	390m E	Unspecified Tank	1990	166914
P	390m E	Unspecified Tank	1990	166914
P	391m E	Unspecified Tank	1995	166914
P	391m E	Unspecified Tank	1995	166914
S	393m SE	Unspecified Tank	1979	154630
S	396m SE	Unspecified Tank	1979	154629
S	398m SE	Unspecified Tank	1979	154628



ID	Location	Land Use	Date	Group ID
S	404m S	Tanks	1994	157839
W	417m SE	Unspecified Tank	1994	165609
W	417m SE	Unspecified Tank	1973	165609
W	417m SE	Unspecified Tank	1979	165609
W	418m SE	Unspecified Tank	1967	165609
N	420m SW	Unspecified Tank	1968	154676
P	428m E	Tanks	1967	160101
X	432m S	Tanks	1994	157840
P	432m E	Tanks	1967	160101
N	433m S	Tanks	1968	157830
N	449m S	Unspecified Tank	1968	154675
Y	449m S	Unspecified Tank	1973	165744
Y	449m S	Unspecified Tank	1967	165744
N	461m S	Tanks	1968	157841
N	467m SW	Unspecified Tank	1968	154677
X	467m S	Unspecified Tank	1994	154627
Z	488m E	Tanks	1990	161974
Z	488m E	Tanks	1991	161974
Z	488m E	Tanks	1989	161974
Z	491m E	Tanks	1967	161974
Z	494m E	Tanks	1977	165976
AB	494m SE	Unspecified Tank	1994	165275
AB	495m SE	Unspecified Tank	1979	165275

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

47

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

Features are displayed on the Past land use - un-grouped map on [page 21](#) >

ID	Location	Land Use	Date	Group ID
B	87m NE	Electricity Substation	1982	95965
B	87m NE	Electricity Substation	1990	95965
B	87m NE	Electricity Substation	1990	95965
B	89m NE	Electricity Substation	1967	95965
B	89m NE	Electricity Substation	1995	95965
B	89m NE	Electricity Substation	1995	95965
C	180m NE	Electricity Substation	1995	94423
C	180m NE	Electricity Substation	1995	94423
C	187m NE	Electricity Substation	1982	89068
C	187m NE	Electricity Substation	1990	89068
C	187m NE	Electricity Substation	1990	89068
C	187m NE	Electricity Substation	1967	89068
E	196m S	Electricity Substation	1996	94662
E	197m S	Electricity Substation	1988	94662
E	197m S	Electricity Substation	1996	94662
E	197m S	Electricity Substation	1988	94662
E	197m S	Electricity Substation	1989	94662
E	197m S	Electricity Substation	1991	94662
K	267m W	Electricity Substation	1996	95307
K	267m W	Electricity Substation	1996	95307
K	267m W	Electricity Substation	1967	95307
K	267m W	Electricity Substation	1968	95307
K	268m W	Electricity Substation	1990	95307



ID	Location	Land Use	Date	Group ID
O	339m S	Electricity Substation	1988	90536
O	339m S	Electricity Substation	1996	90536
O	339m S	Electricity Substation	1988	90536
O	339m S	Electricity Substation	1989	90536
O	339m S	Electricity Substation	1991	90536
O	340m S	Electricity Substation	1996	90536
Q	355m N	Electricity Substation	1967	94550
Q	355m N	Electricity Substation	1968	94550
Q	356m N	Electricity Substation	1990	94550
Q	356m N	Electricity Substation	1996	94550
Q	356m N	Electricity Substation	1996	94550
U	377m NW	Electricity Substation	1968	90903
F	395m SE	Electricity Substation	1973	94730
F	395m SE	Electricity Substation	1979	94730
F	395m SE	Electricity Substation	1967	94730
U	396m NW	Electricity Substation	1967	89085
U	396m NW	Electricity Substation	1996	89085
U	396m NW	Electricity Substation	1996	89085
F	397m SE	Electricity Substation	1994	93017
U	397m NW	Electricity Substation	1990	89085
AC	497m SW	Electricity Substation	1996	95700
AC	498m SW	Electricity Substation	1996	95700
AC	498m SW	Electricity Substation	1989	95700
AC	498m SW	Electricity Substation	1991	95700

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.



3.3 Historical landfill (LA/mapping records)

Records within 500m	2
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Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 30 >](#)

ID	Location	Site address	Source	Data type
C	486m S	Refuse Tip	1972 mapping	Polygon
C	491m S	Refuse Tip	1966 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	2
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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.

Features are displayed on the Waste and landfill map on [page 30 >](#)

ID	Location	Details		
C	448m S	Site Address: Garringtons Limited, Newton Works, Bromsgrove, Worcestershire Licence Holder Address: Albert Works, Willenhall Road, Darlaston, Wednesbury, West Midlands	Waste Licence: Yes Site Reference: 1.051.06 Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 20/07/1977 Licence Surrender: -	Operator: Garringtons Limited Licence Holder: UEF Garringtons Limited First Recorded 31/01/1941 Last Recorded: 31/12/1991
C	486m S	Site Address: Garringtons Limited, Newton Works, Bromsgrove, Worcestershire Licence Holder Address: Albert Works, Willenhall Road, Darlaston, Wednesbury, West Midlands	Waste Licence: Yes Site Reference: 1.051.06 Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 20/07/1977 Licence Surrender: -	Operator: Garringtons Limited Licence Holder: UEF Garringtons Limited First Recorded 31/01/1941 Last Recorded: 31/12/1991

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

10

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

Features are displayed on the Waste and landfill map on [page 30 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
1	14m SE	Alliance Unit 28 Aston Fields Trade Park Bromsgrove B60 3DW	EPR/RF0800ER /A001	Treating waste exemption	Non-Agricultural Waste Only	Crushing waste fluorescent tubes
2	115m E	6 Sherwood Road Aston Fields Ind Estate Bromsgrove B60 3DR	EA/EPR/VP368 9ED/A001	Treating waste exemption	Non-Agricultural Waste Only	Repair or refurbishment of WEEE
A	224m NE	6 Sherwood Road Aston Field Industrial Estate Bromsgrove B60 3DR	EPR/KE5253A H/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
A	224m NE	6 Sherwood Road Aston Field Industrial Estate Bromsgrove B60 3DR	EPR/KE5253A H/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of scrap metal
A	245m NE	NEW STARTS, 1 SHERWOOD ROAD, BROMSGROVE, B60 3DR	EXP/VP3987VE	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
A	245m NE	1 Sherwood Road, Bromsgrove, Worcs., B60 3DR	EA/EPR/VP398 7VE/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE

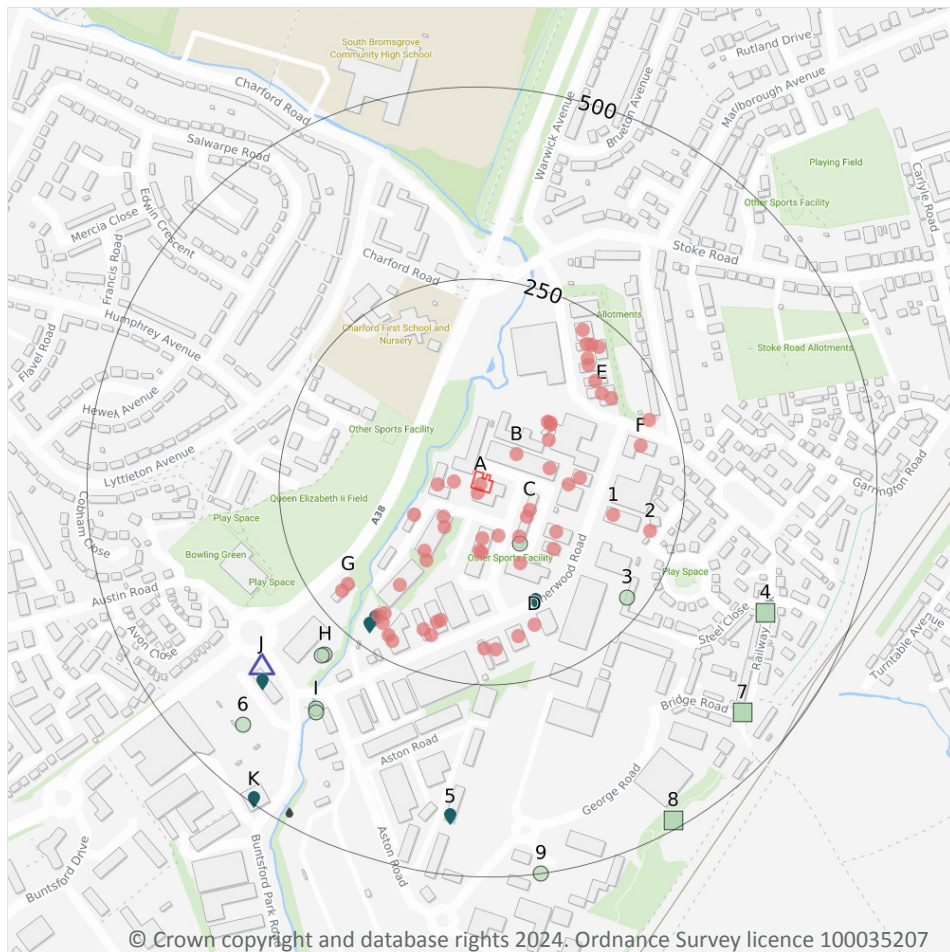


ID	Location	Site	Reference	Category	Sub-Category	Description
A	247m NE	Newstarts, 1 Sherwood Road, Bromsgrove, Worcester, B60 3DR	EA/EPR/VP388 8AA/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
A	256m NE	1 Sherwood Road, Bromsgrove, B60 3DR	EA/EPR/VP378 3US/A001	Treating waste exemption	Non-Agricultural Waste Only	Repair or refurbishment of WEEE
B	402m S	Bromsgrove Transfer Station and Bulk Bays, Aston Road, Aston Fields Industrial Estate, Bromsgrove, B60 3EX	WEX143523	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	415m S	Severn Trent Water Ltd Bromsgrove STW, Aston Road, Bromsgrove, Worcestershire, B60 3EX	WEX087027	Treating waste exemption	Not on a farm	Recovery of waste at a waste water treatment works

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

4.1 Recent industrial land uses

Records within 250m

56

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 34](#) >

ID	Location	Company	Address	Activity	Category
A	On site	A C M S Waste Ltd	Unit 23 30, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Waste Storage, Processing and Disposal	Infrastructure and Facilities
A	5m SW	Pulseline Ambulance Services Ltd	Unit 26 42, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DN	Ambulance and Medical Transportation Services	Health Support Services



ID	Location	Company	Address	Activity	Category
A	23m W	Business Park	Worcestershire, B60	Business Parks and Industrial Estates	Industrial Features
B	44m NE	Pinnacle Work Surfaces	Unit 17 24, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	General Construction Supplies	Industrial Products
A	44m W	Easy Truck Material Handling	Units 1 to 2, Schofield Business Park, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DN	Lifting and Handling Equipment	Industrial Products
A	53m SW	Ortlinghaus	19-21, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DN	Mechanical Engineers	Engineering Services
C	57m SE	Hydrojet Precision Engineering	Unit 12, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Precision Engineers	Engineering Services
C	57m S	Enterprise Rent-A-Car	12, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Hire and Rental	Hire Services
C	58m SE	Tags & Rags	Unit 10 10, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Rag Merchants	Recycling Services
C	60m S	Universal Transmission Services	Unit 28, 7 Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Vehicle Components	Industrial Products
A	62m SW	Evowrap	Unit 21 34, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Industrial Coatings and Finishings	Industrial Products
C	69m SE	Cemcraft	Unit 7 Aston Fields Trade Park, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Concrete Products	Industrial Products
B	76m E	Gear Pump Distributors UK Ltd	Unit 14 18, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Industrial Repairs and Servicing	Repair and Servicing
C	77m S	Stam Engineering Ltd	Unit 30 11, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Industrial Engineers	Engineering Services
C	78m S	M B M Engineering Ltd	Unit 30 11, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DW	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	82m SW	R & J Engineering Supplies Ltd	60, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DN	General Construction Supplies	Industrial Products
B	89m NE	Electricity Sub Station	Worcestershire, B60	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
B	98m E	Mast	Worcestershire, B60	Telecommunications Features	Infrastructure and Facilities
C	100m SE	Jefferies Tyres	Unit 3-4 20-22, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Parts and Accessories	Motoring
C	101m SE	Enterprise Rent-A-Car	12, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Hire and Rental	Hire Services
A	102m SW	School Signs	29, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DN	Signs	Industrial Products
B	102m NE	Droitwich Tyres & Exhaust Bromsgrove Ltd	Unit 12 Sherwood House, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	103m NE	Nicholls Fabrications UK Ltd	Unit 3, Sherwood House, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	General Construction Supplies	Industrial Products
B	104m NE	Silver Lion Trading Company	Unit 4 Sherwood House, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Distribution and Haulage	Transport, Storage and Delivery
C	111m SE	Charles Kenward Motors Ltd	14, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	111m SW	Pumping Station	Worcestershire, B60	Water Pumping Stations	Industrial Features
B	114m E	D Allum Fabrications Ltd	6, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Fences, Gates and Railings	Industrial Products
A	157m SW	Neu-servo Repairs Ltd	37-41, Sugarbrook Road, Bromsgrove, Worcestershire, B60 3DN	Vehicle Repair, Testing and Servicing	Repair and Servicing
1	163m E	Fairways Fireplaces Ltd	Unit 15, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Fireplaces and Mantelpieces	Consumer Products
A	176m S	E H Auto Services	36, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	180m NE	Works	Worcestershire, B60	Unspecified Works Or Factories	Industrial Features
D	181m S	G T Access Ltd	Enterprise House 21, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Construction and Tool Hire	Hire Services



ID	Location	Company	Address	Activity	Category
A	181m S	Shooting Supplies Ltd	38, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Arms and Ammunition	Industrial Products
E	184m NE	Greener Glazing Home Improvements Ltd	Nova House 9, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Conservatories	Consumer Products
E	186m NE	M J H Vehicle Services	9a, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	190m S	A J Harris Carpentry & Joinery Services	Enterprise House 21, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	General Construction Supplies	Industrial Products
E	192m NE	Bromsgrove Bus Coach Co	7, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Bus and Coach Stations, Depots and Companies	Public Transport, Stations and Infrastructure
A	195m S	Miles Industries	40-52, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Building and Component Suppliers	Construction Services
F	198m E	Stow UK Ltd	4e, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Shelving, Storage, Safes and Vaults	Industrial Products
E	198m NE	Electricity Sub Station	Worcestershire, B60	Electrical Features	Infrastructure and Facilities
A	199m SW	Tank	Worcestershire, B60	Tanks (Generic)	Industrial Features
A	199m S	Electricity Sub Station	Worcestershire, B60	Electrical Features	Infrastructure and Facilities
D	203m S	Hall Mechanical Services Ltd	25, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Civil Engineers	Engineering Services
G	204m SW	Colour Source	86, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Textiles, Fabrics, Silk and Machinery	Industrial Products
D	204m S	Stone & Earth	Axiom House, 23, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Stone Quarrying and Preparation	Extractive Industries
A	205m SW	Cemex UK	70, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Concrete Products	Industrial Products
A	210m SW	Tank	Worcestershire, B60	Tanks (Generic)	Industrial Features
E	212m NE	Works	Worcestershire, B60	Unspecified Works Or Factories	Industrial Features



ID	Location	Company	Address	Activity	Category
2	215m E	Tank	Worcestershire, B60	Tanks (Generic)	Industrial Features
E	215m NE	Second City Customs	5, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	New Vehicles	Motoring
G	215m SW	Supablind	84, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Curtains and Blinds	Consumer Products
F	219m E	Gas Governor Station	Worcestershire, B60	Gas Features	Infrastructure and Facilities
E	219m NE	Ultimate Audio	5a, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Parts and Accessories	Motoring
A	220m SW	Andy Meacham Car Repairs	58, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	225m SW	Cylinder Head Developments	56, Sherwood Road, Bromsgrove, Worcestershire, B60 3DR	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	225m NE	Works	Worcestershire, B60	Unspecified Works Or Factories	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	1
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 34 >](#)

ID	Location	Company	Address	LPG	Status
J	357m SW	MORRISONS	4, Buntsford Park Road, Aston Fields, Bromsgrove, Worcestershire, B60 3DX	No	Open

This data is sourced from Experian.



4.3 Electricity cables

Records within 500m**0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 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.

4.6 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.

4.7 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.



4.8 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.

4.9 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.

4.10 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.

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

Records within 500m

6

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 34 >](#)

ID	Location	Address	Details	
D	152m SE	MBM Engineering Ltd, 35 Sherwood Road, Bromsgrove, B60 3DR	Process: Waste Oil Burner 0.4 MW Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
A	211m SW	Cemex UK Operations Ltd, 70 Sherwood Road, Aston Fields Trading Estate, Bromsgrove, B60 3DR	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
A	223m SW	RMC Midlands, Sherwood Road, Aston Fields Trading Estate, Bromsgrove, B60 3DR	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
J	371m SW	Morrisons Petrol Station, Buntsford Park Road, Bromsgrove, Worcestershire, B60 3DX	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
5	424m S	Timpsons, Unit 15, Silver Birches Business Park, Aston Road, Bromsgrove, Worcestershire, B60 3EU	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
K	495m SW	Safeway, Bunsford Pk Rd, Bromsgrove, B60 3DX	Process: Petrol Vapour Recovery Status: Historical Permit 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.

4.12 Radioactive Substance Authorisations

Records within 500m

0

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.

4.13 Licensed Discharges to controlled waters

Records within 500m

1

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 34 >](#)



ID	Location	Address	Details	
K	485m SW	HEATH DEVELOPMENT SURFACE WATER, HEATH DEVELOPMENT, BROMSGROVE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S/07/12226/O Permit Version: 1 Receiving Water: SUGAR/SPADESBOURNE BROOK	Status: REVOKED (WRA 91, S88 & SCHD 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/08/1985 Effective Date: 10/08/1985 Revocation Date: 20/12/1999

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

4.14 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.

4.15 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.

4.16 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.

4.17 List 2 Dangerous Substances

Records within 500m	3
----------------------------	----------

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.

Features are displayed on the Current industrial land use map on [page 34 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
4	392m SE	Garrington Newton Works Outlet 1	Not Active	Newton Brook (sugar)	Chromium, Copper, Lead, Nickel, Zinc
7	436m SE	Garrington Newton Works Outlet 2	Not Active	Newton Brook (sugar)	Chromium, Copper, Lead, Nickel, Zinc
8	488m SE	Garrington Newton Works Outlet 3	Not Active	Newton Brook (sugar)	Chromium, Copper, Lead, Nickel, Zinc

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

8

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 34 >](#)

ID	Location	Details	
C	77m SE	Incident Date: 13/10/2010 Incident Identification: 833854 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
3	224m SE	Incident Date: 27/03/2003 Incident Identification: 146509 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
H	288m SW	Incident Date: 22/08/2001 Incident Identification: 26050 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
H	292m SW	Incident Date: 09/10/2002 Incident Identification: 113571 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
I	351m SW	Incident Date: 26/02/2003 Incident Identification: 139657 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
I	356m SW	Incident Date: 30/03/2002 Incident Identification: 67726 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)



ID	Location	Details	
6	428m SW	Incident Date: 19/12/2001 Incident Identification: 48866 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	499m S	Incident Date: 27/02/2003 Incident Identification: 139859 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

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

4.19 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.

4.20 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.

4.21 Pollution inventory radioactive waste

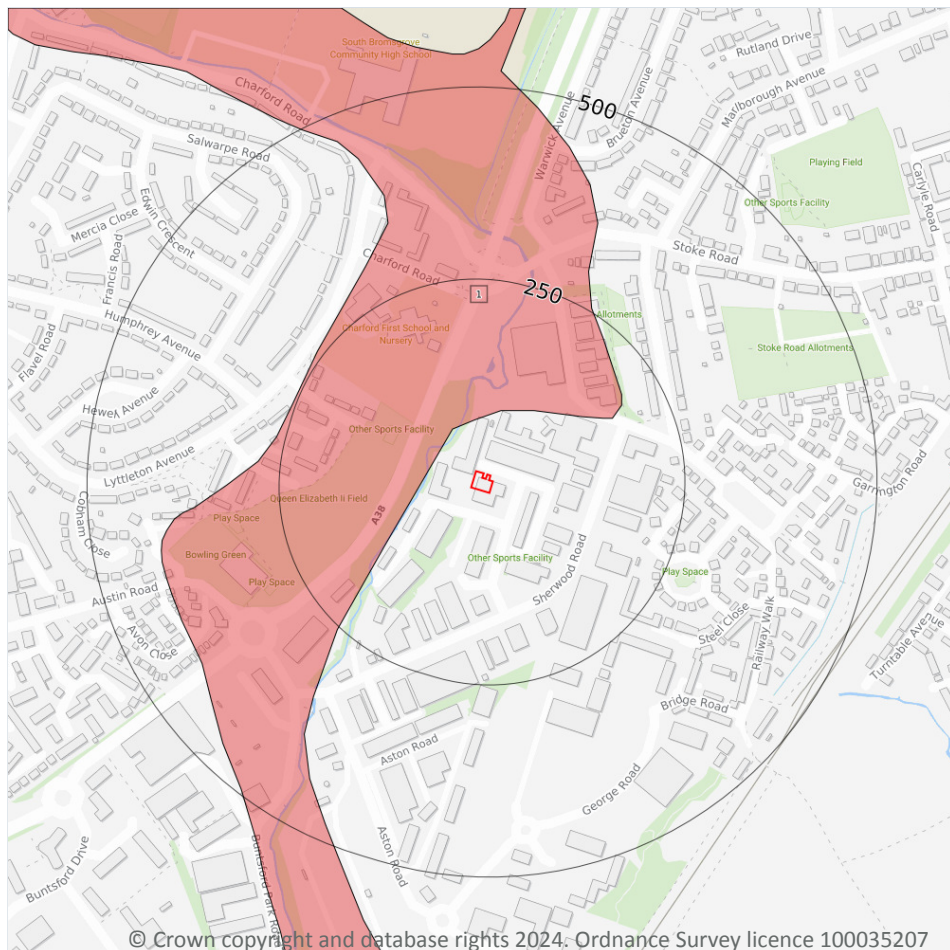
Records within 500m	0
----------------------------	----------

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.

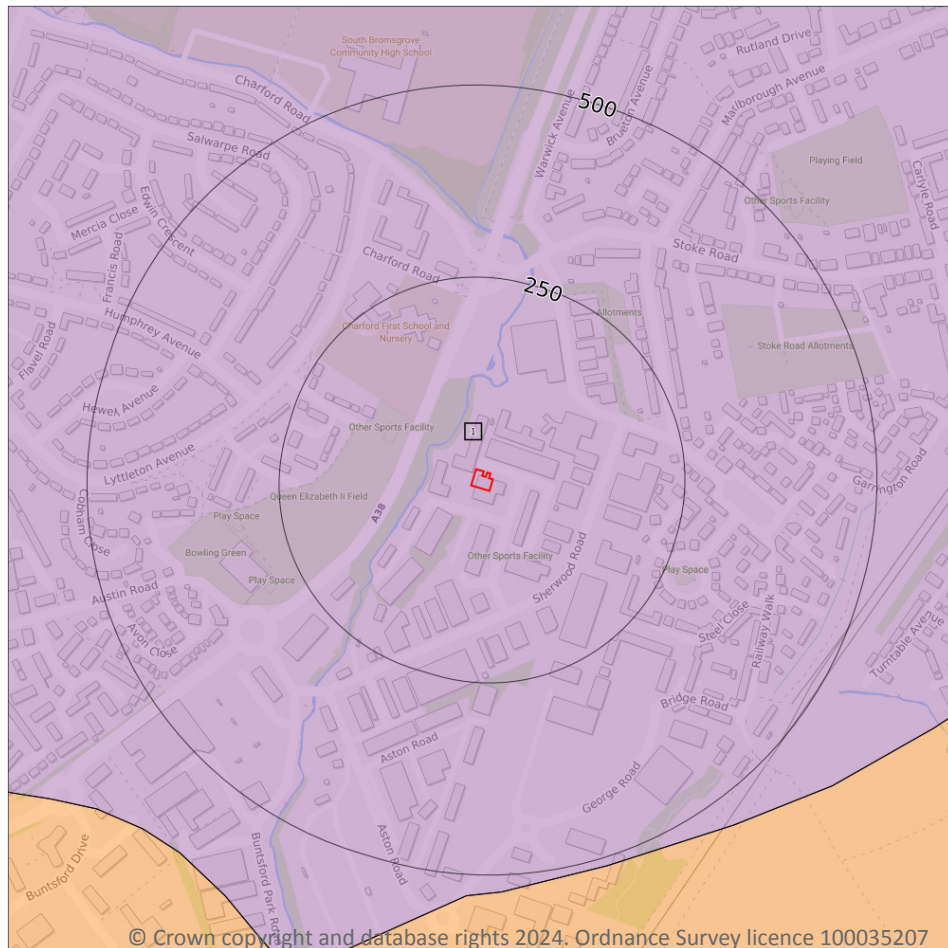
Features are displayed on the Hydrogeology map on [page 45 >](#)

ID	Location	Designation	Description
1	54m NW	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

1

Aquifer status of groundwater held within bedrock geology.

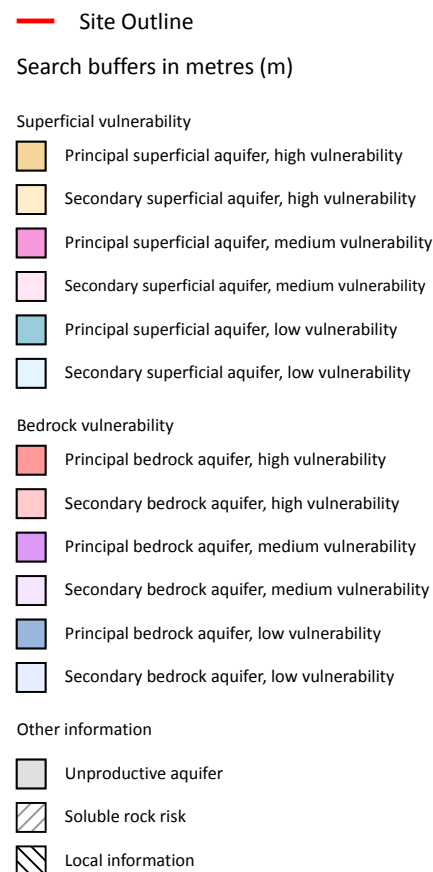
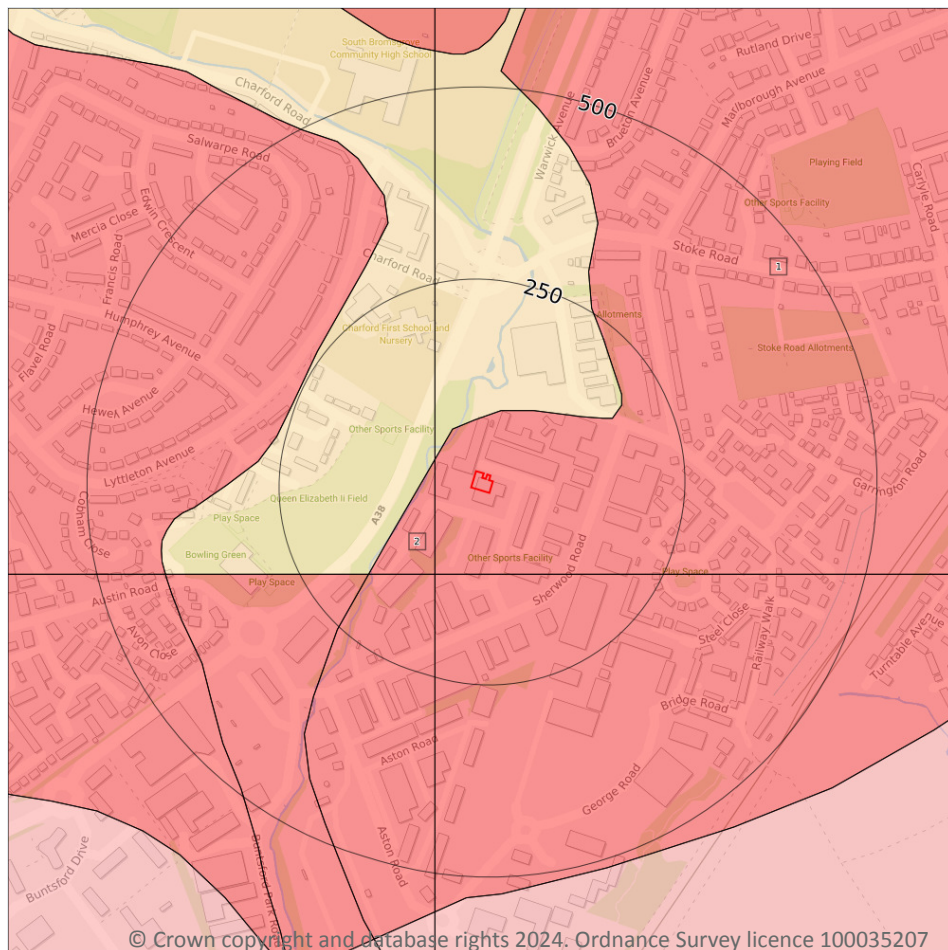
Features are displayed on the Bedrock aquifer map on [page 46 >](#)

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

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

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

Features are displayed on the Groundwater vulnerability map on [page 47 >](#)



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Mixed
2	47m W	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
------------------------	----------

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

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

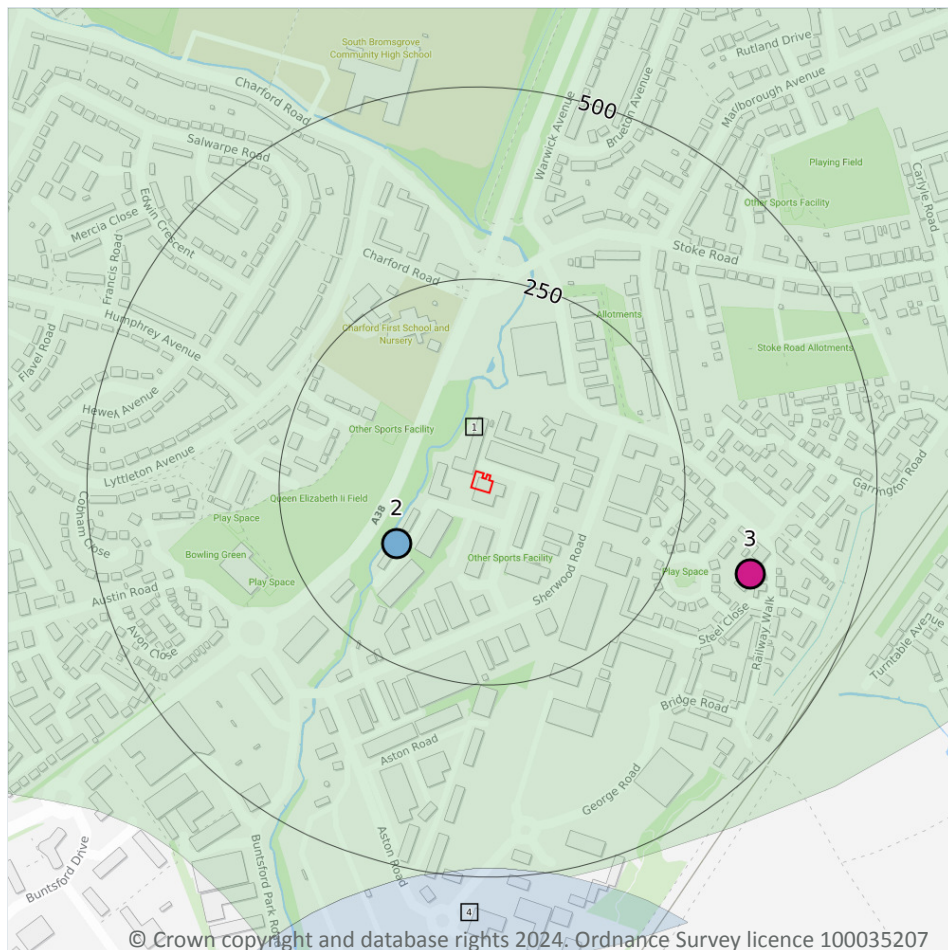
5.5 Groundwater vulnerability- local information

Records on site	0
------------------------	----------

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

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

Abstractions and Source Protection Zones



- 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
- Drinking water abstraction licences
Polygon 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

9

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 49 >](#)



ID	Location	Details	
3	355m E	Status: Historical Licence No: 18/54/07/0020 Details: Process water Direct Source: Groundwater Midlands Region Point: NEWTON WORKS,BROMSGROVE - BOREHOLE Data Type: Point Name: U E F AUTOMOTIVE Easting: 396410 Northing: 269000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	860m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE D Data Type: Point Name: Severn Trent Water Ltd Easting: 396110 Northing: 268246	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -
-	915m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE C Data Type: Point Name: Severn Trent Water Ltd Easting: 396187 Northing: 268198	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -
-	981m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE A Data Type: Point Name: Severn Trent Water Ltd Easting: 396022 Northing: 268126	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -
-	1008m S	Status: Historical Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK,STOKE PRIOR - 4 BOREHOLES Data Type: Point Name: Severn Trent Water Ltd Easting: 396000 Northing: 268100	Annual Volume (m ³): 3832500 Max Daily Volume (m ³): 13638 Original Application No: - Original Start Date: 29/12/1966 Expiry Date: - Issue No: 102 Version Start Date: 22/10/2010 Version End Date: -



ID	Location	Details	
-	1021m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE B Data Type: Point Name: Severn Trent Water Ltd Easting: 396104 Northing: 268085	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -
-	1898m NW	Status: Active Licence No: MD/054/0007/010 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: SANDERS PARK, BROMSGROVE - BOREHOLE Data Type: Point Name: ENVIRONMENT AGENCY Easting: 394800 Northing: 270560	Annual Volume (m ³): 168000 Max Daily Volume (m ³): 1000 Original Application No: NPS/WR/017000 Original Start Date: 27/08/2015 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 27/08/2015 Version End Date: -
-	1898m NW	Status: Historical Licence No: 18/54/07/0244 Details: Transfer between sources Direct Source: Groundwater Midlands Region Point: SANDERS PARK, BROMSGROVE - BOREHOLE Data Type: Point Name: ENVIRONMENT AGENCY Easting: 394800 Northing: 270560	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/07/1994 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1994 Version End Date: -
-	1898m NW	Status: Historical Licence No: 18/54/07/0263 Details: Transfer Between Sources (Pre Water Act 2003) Direct Source: Groundwater Midlands Region Point: SANDERS PARK, BROMSGROVE - BOREHOLE Data Type: Point Name: ENVIRONMENT AGENCY Easting: 394800 Northing: 270560	Annual Volume (m ³): 168000 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 15/05/2002 Expiry Date: 31/03/2014 Issue No: 1 Version Start Date: 01/04/2008 Version End Date: -

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



5.7 Surface water abstractions

Records within 2000m

1

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 49 >](#)

ID	Location	Details	
2	121m SW	Status: Historical Licence No: 18/54/07/0200 Details: Evaporative Cooling Direct Source: Surface Water Midlands Region Point: ASTON FIELDS,BROMSGROVE - SPADESBOURNE BROOK/SUGAR BROOK Data Type: Point Name: H.S.S.(PRECISION MOULDS) LTD Easting: 395950 Northing: 269040	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 06/04/1977 Expiry Date: - Issue No: 100 Version Start Date: 10/12/1993 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

5

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.

Features are displayed on the Abstractions and Source Protection Zones map on [page 49 >](#)

ID	Location	Details	
-	860m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE D Data Type: Point Name: Severn Trent Water Ltd Easting: 396110 Northing: 268246	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -



ID	Location	Details	
-	915m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE C Data Type: Point Name: Severn Trent Water Ltd Easting: 396187 Northing: 268198	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -
-	981m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE A Data Type: Point Name: Severn Trent Water Ltd Easting: 396022 Northing: 268126	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -
-	1008m S	Status: Historical Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK,STOKE PRIOR - 4 BOREHOLES Data Type: Point Name: Severn Trent Water Ltd Easting: 396000 Northing: 268100	Annual Volume (m ³): 3832500 Max Daily Volume (m ³): 13638 Original Application No: - Original Start Date: 29/12/1966 Expiry Date: - Issue No: 102 Version Start Date: 22/10/2010 Version End Date: -
-	1021m S	Status: Active Licence No: 18/54/07/0135 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: SUGARBROOK PS BOREHOLE B Data Type: Point Name: Severn Trent Water Ltd Easting: 396104 Northing: 268085	Annual Volume (m ³): 3832510 Max Daily Volume (m ³): 13640 Original Application No: NPS/WR/032251 Original Start Date: 29/12/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/03/2020 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m

2

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 49](#) >



ID	Location	Type	Description
1	On site	3	Total catchment
4	489m S	2	Outer catchment

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

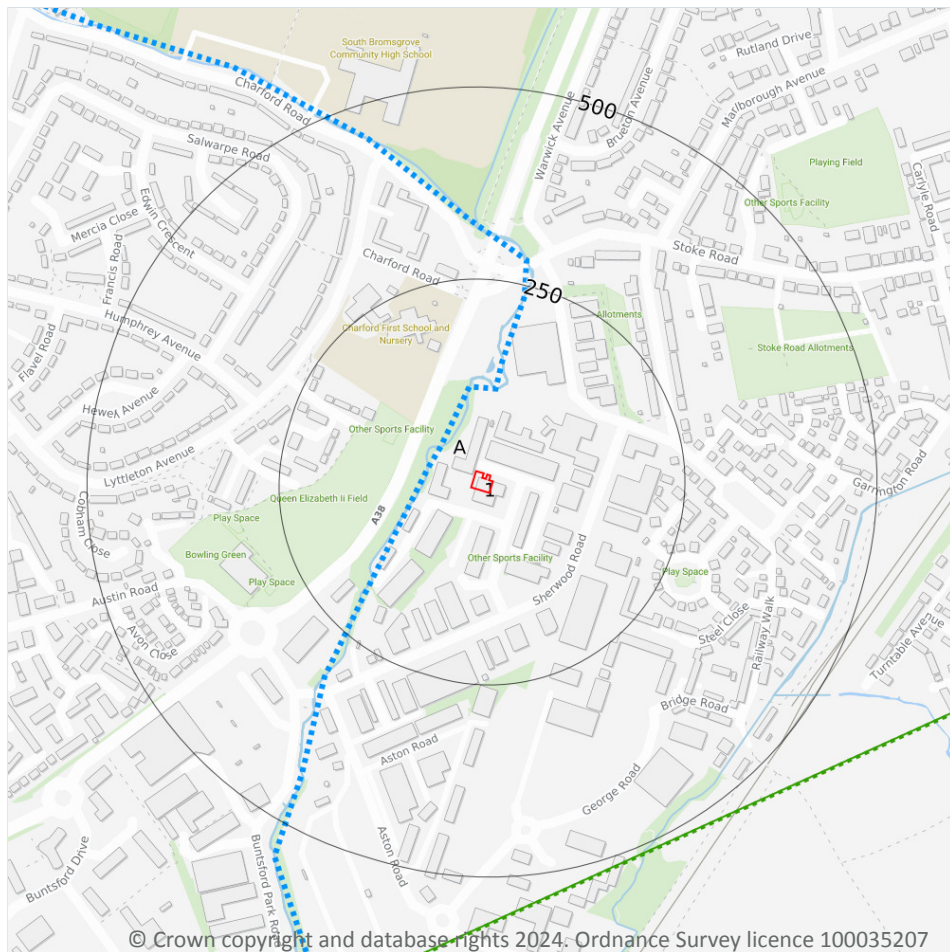
0

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

1

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
A	52m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Spadesbourne Brook

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

2

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
1	On site	River	Salwarpe - source to conf Elmbridge Bk	GB109054044200	Salwarpe River	Severn Middle Worcestershire

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
2	56m NW	River	Salwarpe - source to conf Elmbridge Bk	GB109054044200 ↗	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
A	On site	Worcestershire Middle Severn - PT Sandstone	GB40901G300800 ↗	Poor	Poor	Poor	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 58 >](#)



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

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 58 >](#)

Location	Type
38m SW	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.

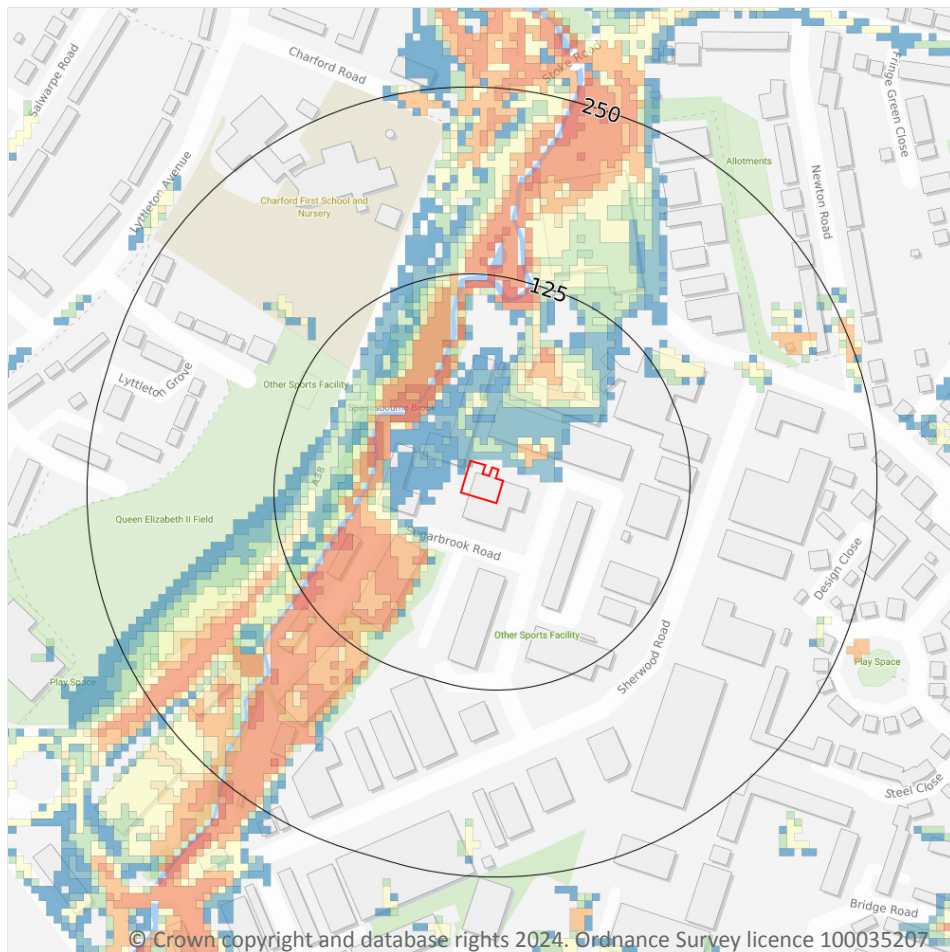
Features are displayed on the River and coastal flooding map on [page 58](#) >

Location	Type
46m NW	Zone 3 - (Fluvial Models)

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 1000 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, Greater than 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 62](#) >

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.

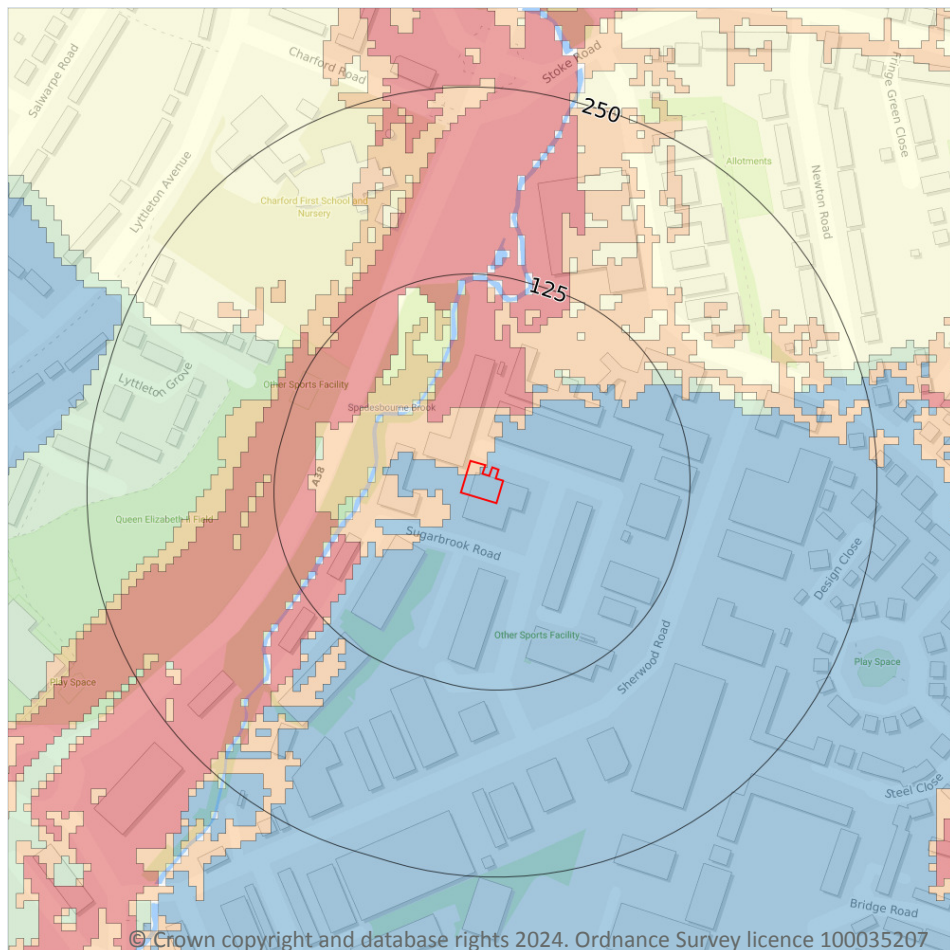
The table below shows the maximum flood depths for a range of return periods for the site.

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

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

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9.1 Groundwater flooding

Highest risk on site

Moderate-High

Highest risk within 50m

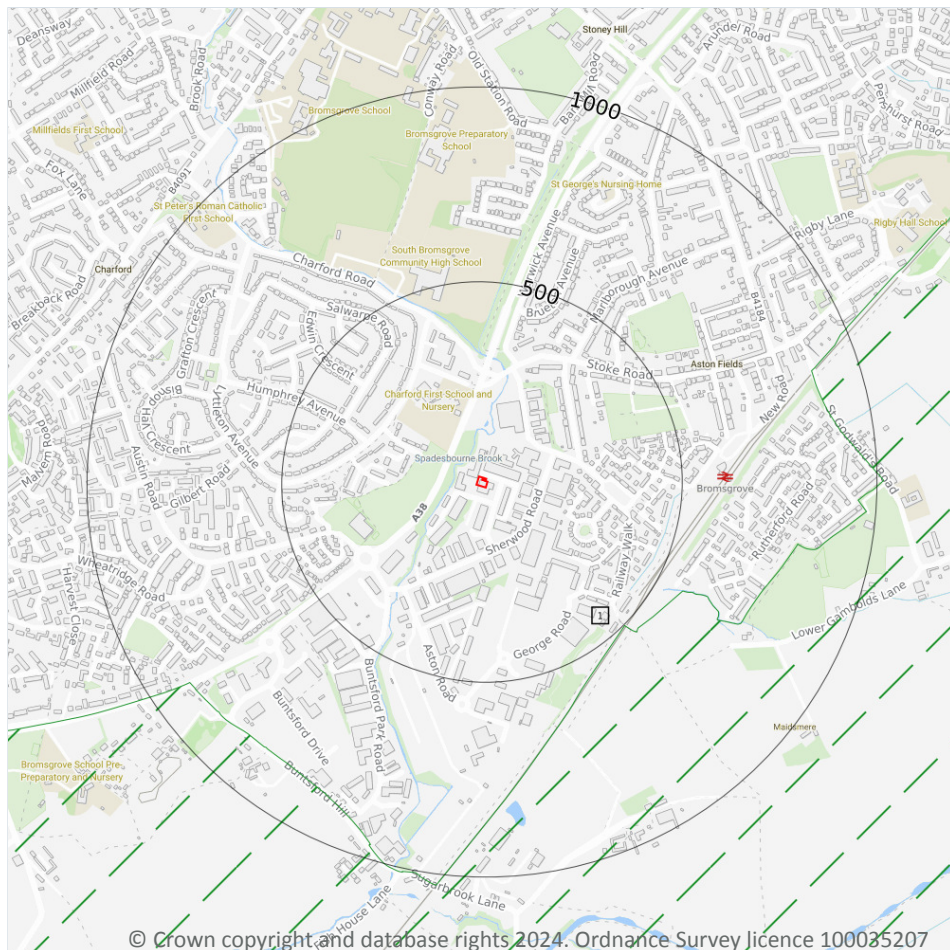
High

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 64](#) >

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



— Site Outline

Search buffers in metres (m)

Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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



10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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.

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

2

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

Features are displayed on the Environmental designations map on [page 65 >](#)

ID	Location	Name	Local Authority name
1	503m SE	Birmingham	Bromsgrove
-	1904m SW	Birmingham	Wychavon

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**

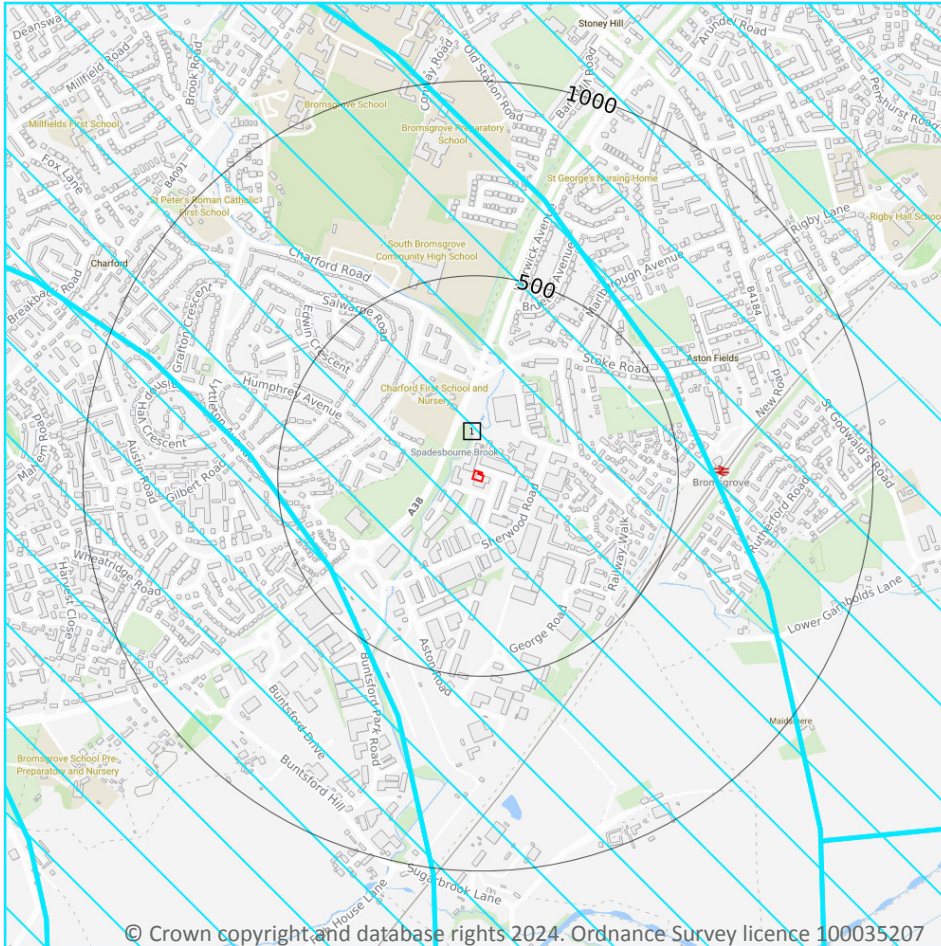
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	R Salwarpe - conf Elmbridge Bk to conf R Severn NVZ	Surface Water	586	Existing
On site	West Midlands	Groundwater	29	Existing
1955m W	R Salwarpe - conf Elmbridge Bk to conf R Severn NVZ	Surface Water	586	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

1

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

Features are displayed on the SSSI Impact Zones and Units map on [page 70 >](#)

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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

11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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



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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

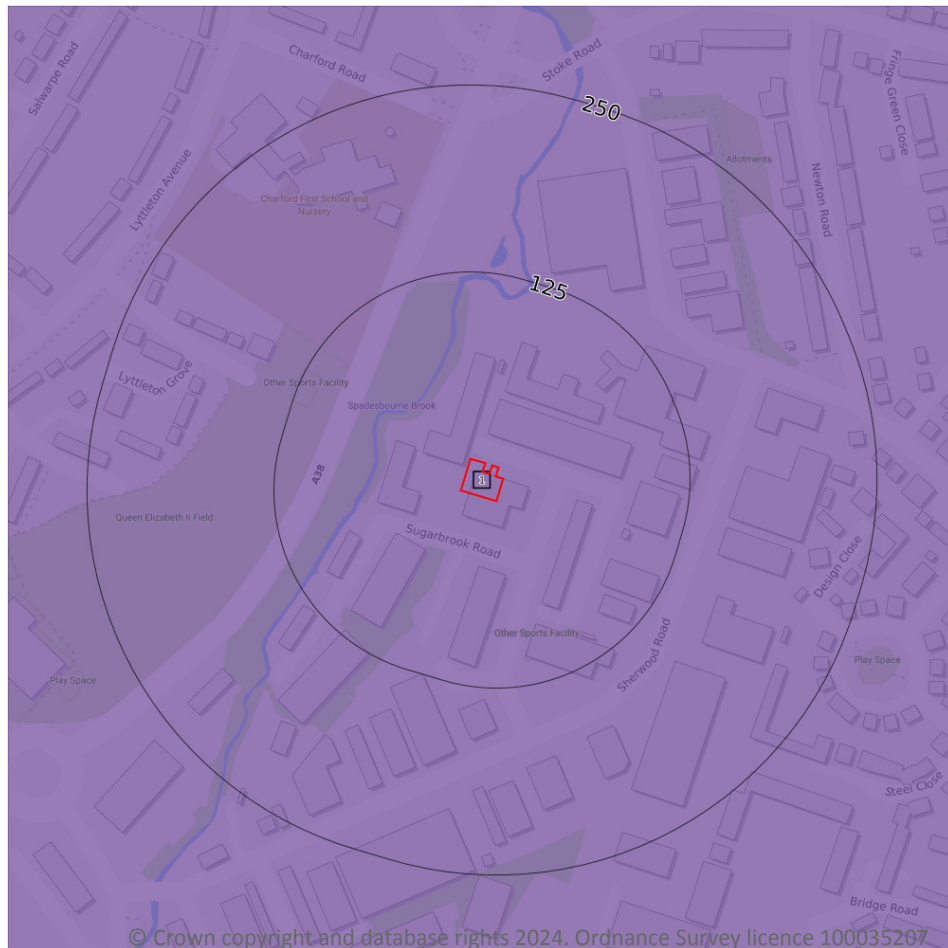
0

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

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



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 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

1

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

Features are displayed on the Agricultural designations map on [page 74](#) >

ID	Location	Classification	Description
1	On site	Urban	-

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

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

13 Habitat designations



- 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

4

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 76 >](#)

ID	Location	Main Habitat	Other habitats
1	44m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	53m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	114m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	180m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



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 78](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SO96NE

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



- Site Outline
- Search buffers in metres (m)
- Landslip (10k)
- Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

5

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 80](#) >

ID	Location	LEX Code	Description	Rock description
1	25m NW	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
2	44m N	HHSB-V	Holt Heath Sand And Gravel Member - Gravel	Gravel
3	73m W	HHSB-V	Holt Heath Sand And Gravel Member - Gravel	Gravel
4	310m N	PEAT-P	Peat - Peat	Peat



ID	Location	LEX Code	Description	Rock description
5	453m N	HHSg-V	Holt Heath Sand And Gravel Member - Gravel	Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

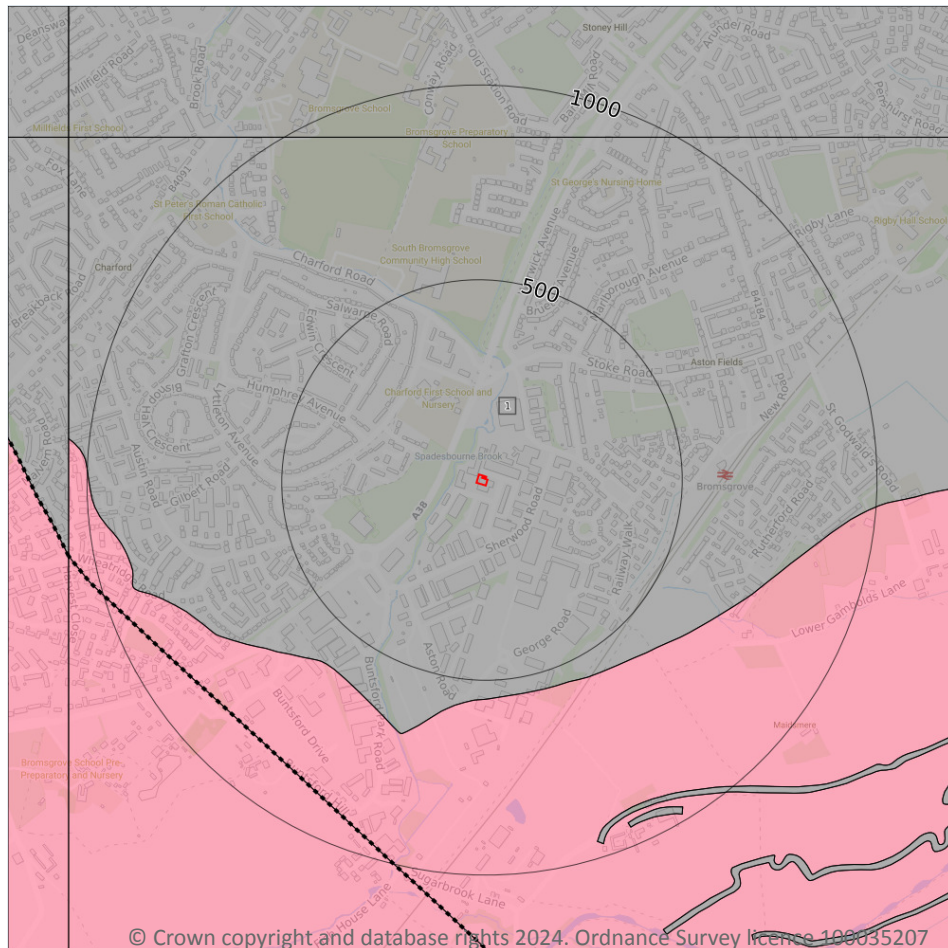
0

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



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m

1

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 82](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	BMS-SDSM	Bromsgrove Sandstone Formation - Sandstone, Siltstone And Mudstone	Anisian Age - Early Triassic Epoch

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

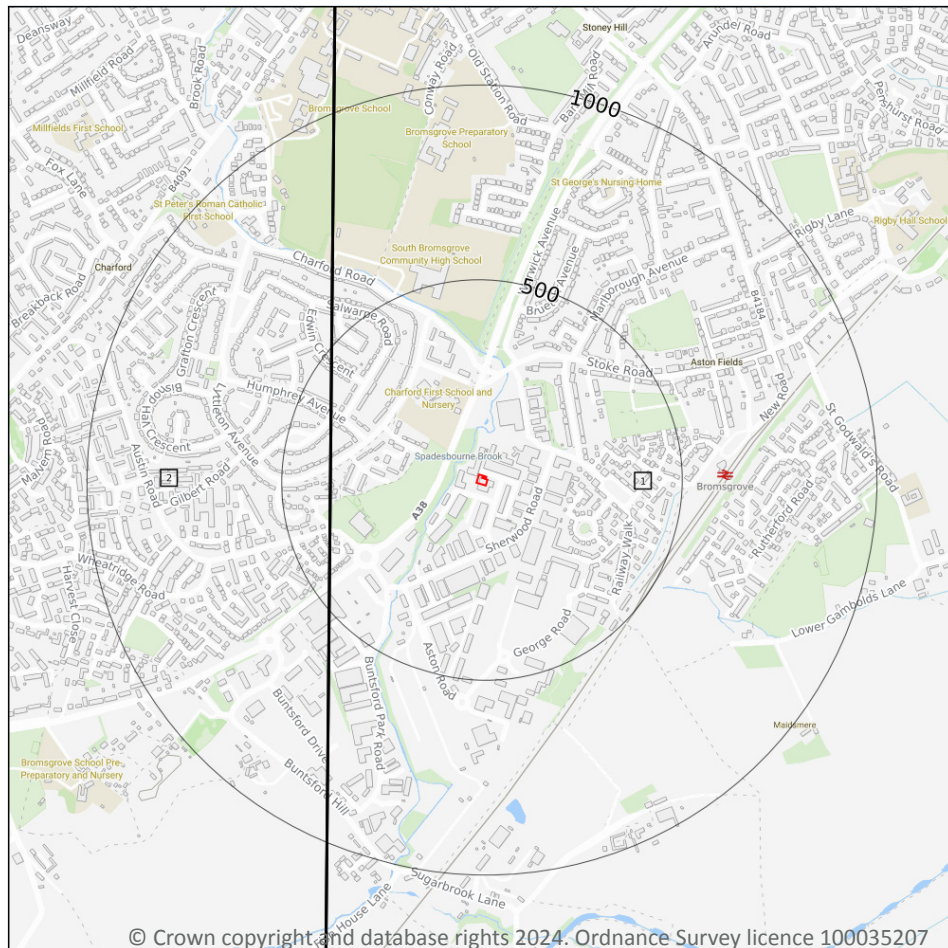
0

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

2

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 84](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW183_redditch_v4
2	375m W	Full	Full	Full	Full	EW182_droitwich_v4

This data is sourced from the British Geological Survey.



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

15.2 Artificial and made ground (50k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

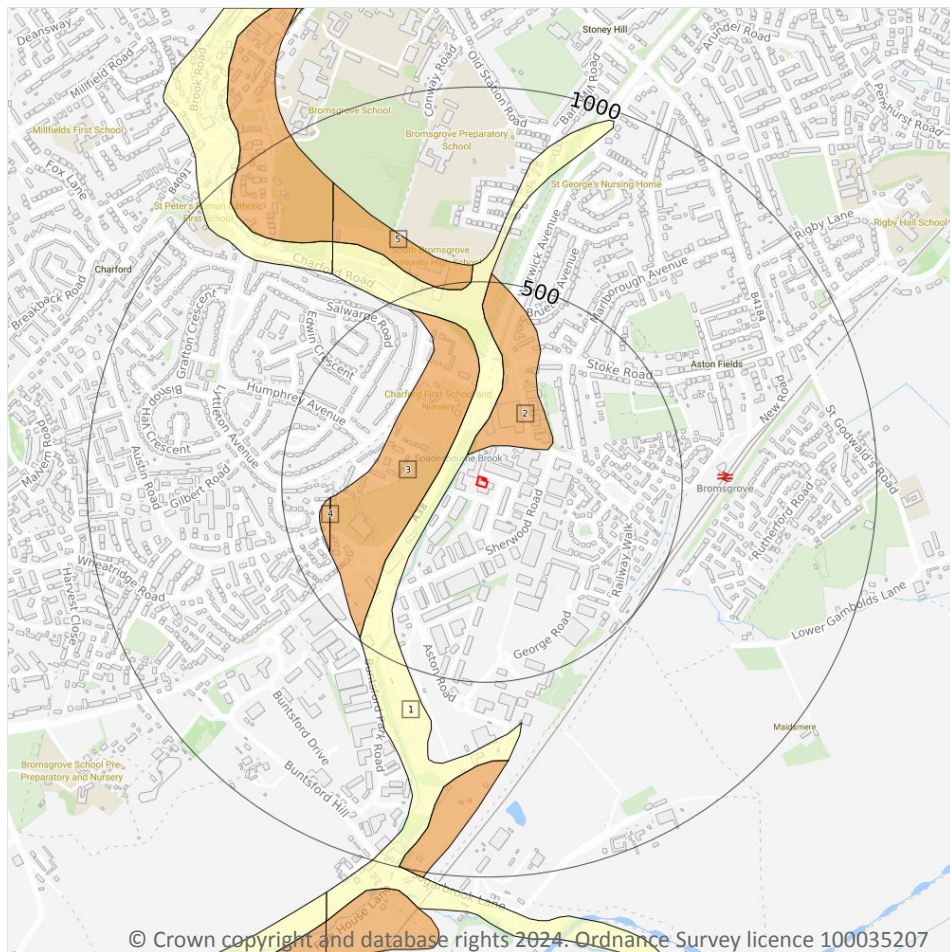
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial 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 - 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

5

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 86](#) >

ID	Location	LEX Code	Description	Rock description
1	54m NW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
2	62m NW	HHSG-XSV	HOLT HEATH SAND AND GRAVEL MEMBER	SAND AND GRAVEL
3	98m NW	HHSG-XSV	HOLT HEATH SAND AND GRAVEL MEMBER	SAND AND GRAVEL
4	377m W	HHSG-XSV	HOLT HEATH SAND AND GRAVEL MEMBER	SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
5	482m N	HHSG-XSV	HOLT HEATH SAND AND GRAVEL MEMBER	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

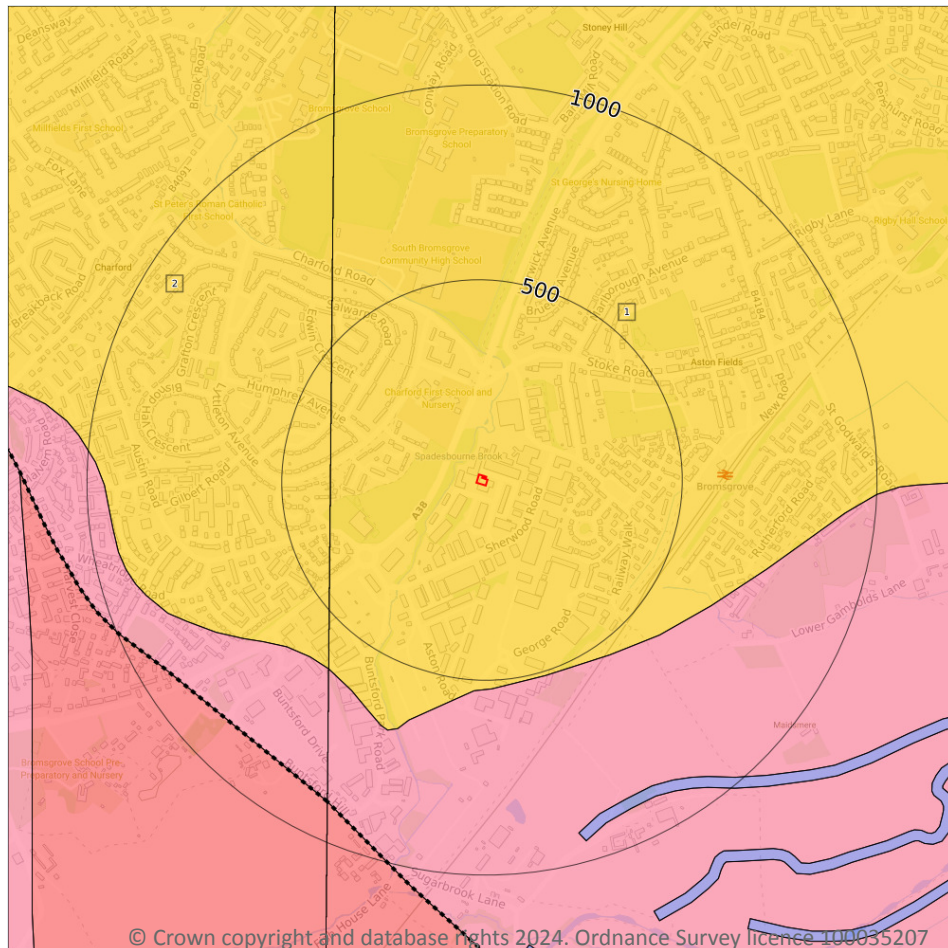
0

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

2

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 88](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	HEY-SDST	HELSEY SANDSTONE FORMATION - SANDSTONE	ANISIAN
2	375m W	HEY-SDST	HELSEY SANDSTONE FORMATION - SANDSTONE	ANISIAN

This data is sourced from the British Geological Survey.



15.9 Bedrock 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 bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Moderate

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

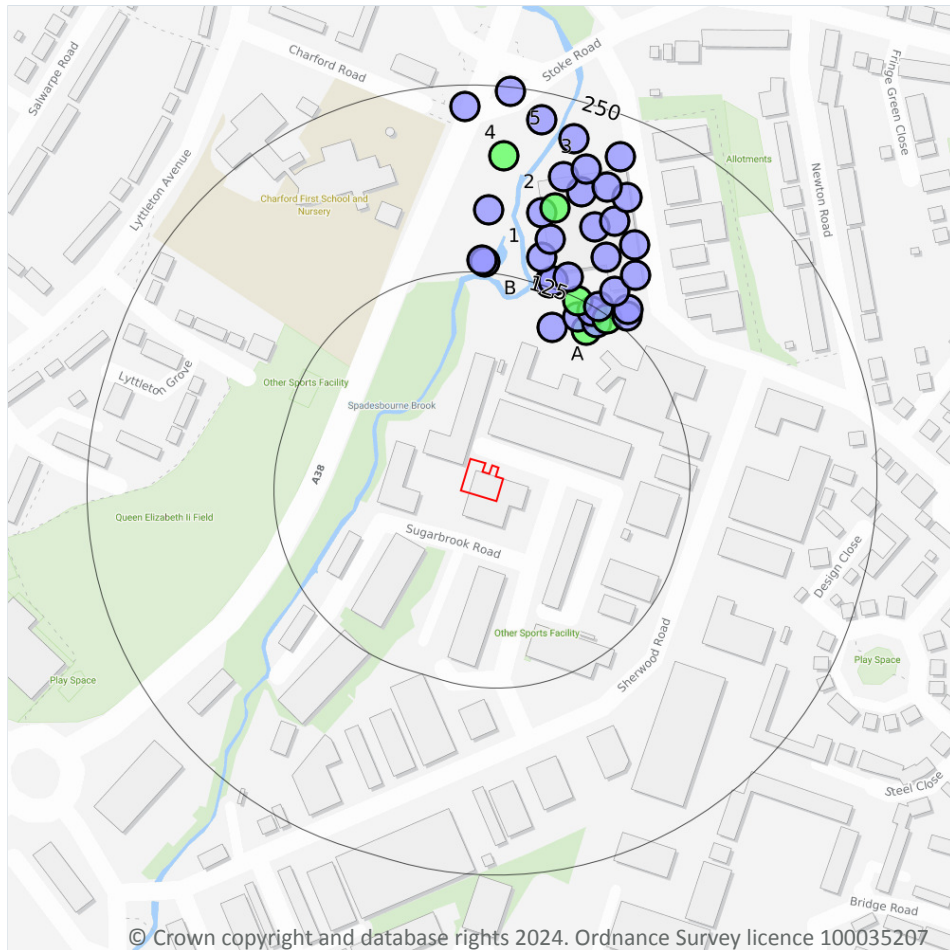
Records within 500m**0**

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.

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

37

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 90](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	100m NE	396108 269222	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 218	7.0	N	18347362 ↗
A	109m NE	396131 269220	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE R1	10.5	N	18347224 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
A	114m NE	396125 269229	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS3	2.45	N	18347366 ↗
A	117m NE	396138 269225	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS2	2.0	N	18347365 ↗
A	122m NE	396135 269233	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS4	4.0	N	18347367 ↗
A	123m NE	396145 269228	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 217	10.5	N	18347222 ↗
A	124m NE	396125 269240	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 216	10.5	N	18347221 ↗
A	127m NE	396139 269236	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS10	1.6	N	18347373 ↗
A	128m N	396106 269252	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 214	3.45	N	18347360 ↗
A	130m N	396109 269253	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE TP D	3.5	N	18347377 ↗
B	132m N	396063 269266	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE TP B	2.4	N	18347375 ↗
A	133m NE	396158 269230	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 219	7.0	N	18347363 ↗
B	133m N	396061 269267	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 212	7.0	N	18347358 ↗
A	136m NE	396119 269256	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE TP C	3.1	N	18347376 ↗
A	137m NE	396159 269234	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS1	4.0	N	18347364 ↗
A	141m NE	396150 269246	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 215	7.5	N	18347361 ↗
A	143m N	396101 269269	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS5	3.85	N	18347368 ↗
A	156m N	396107 269281	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 211	7.5	N	18347357 ↗
A	158m NE	396144 269269	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS9	1.9	N	18347372 ↗
A	158m NE	396164 269257	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS6	2.45	N	18347369 ↗

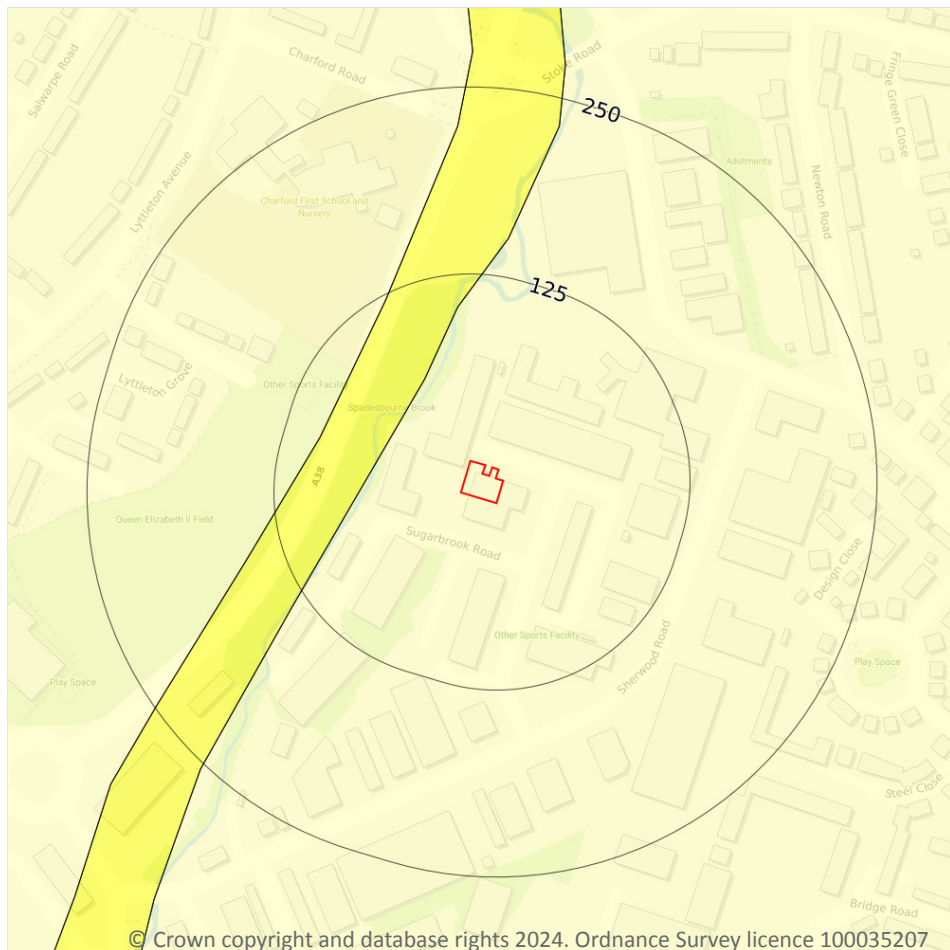


ID	Location	Grid reference	Name	Length	Confidential	Web link
1	167m N	396066 269301	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 220	10.0	N	18347223 ↗
A	172m N	396101 269299	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 209	1.5	N	18347355 ↗
A	173m NE	396137 269289	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 210	7.5	N	18347356 ↗
A	174m NE	396163 269277	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 213	7.0	N	18347359 ↗
A	177m N	396110 269302	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE R2	10.5	N	18347220 ↗
A	182m NE	396150 269293	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS7	1.45	N	18347370 ↗
A	193m N	396128 269313	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 207	3.33	N	18347353 ↗
A	199m N	396116 269323	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 205	3.05	N	18347351 ↗
A	200m NE	396158 269309	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 208	7.0	N	18347354 ↗
A	201m NE	396145 269316	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 206	7.5	N	18347352 ↗
2	204m N	396076 269337	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE R3	10.5	N	18347225 ↗
A	208m N	396131 269328	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE DCS8	3.0	N	18347371 ↗
A	223m NE	396154 269336	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 204	1.5	N	18347229 ↗
A	225m N	396123 269348	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 203	2.4	N	18347228 ↗
3	232m N	396101 269361	FORMER BARPRO PREMISES SHERWOOD ROAD BROMSGROVE 202	7.0	N	18347227 ↗
4	236m N	396050 269370	BROMSGROVE EASTERN BY-PASS BOREHOLE 1	1.52	N	277738 ↗
5	247m N	396080 269380	BROMSGROVE EASTERN BY-PASS BOREHOLE 2	3.04	N	277739 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



- Site Outline**
- Search buffers in metres (m)**
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.1 Shrink swell clays

Records within 50m

1

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

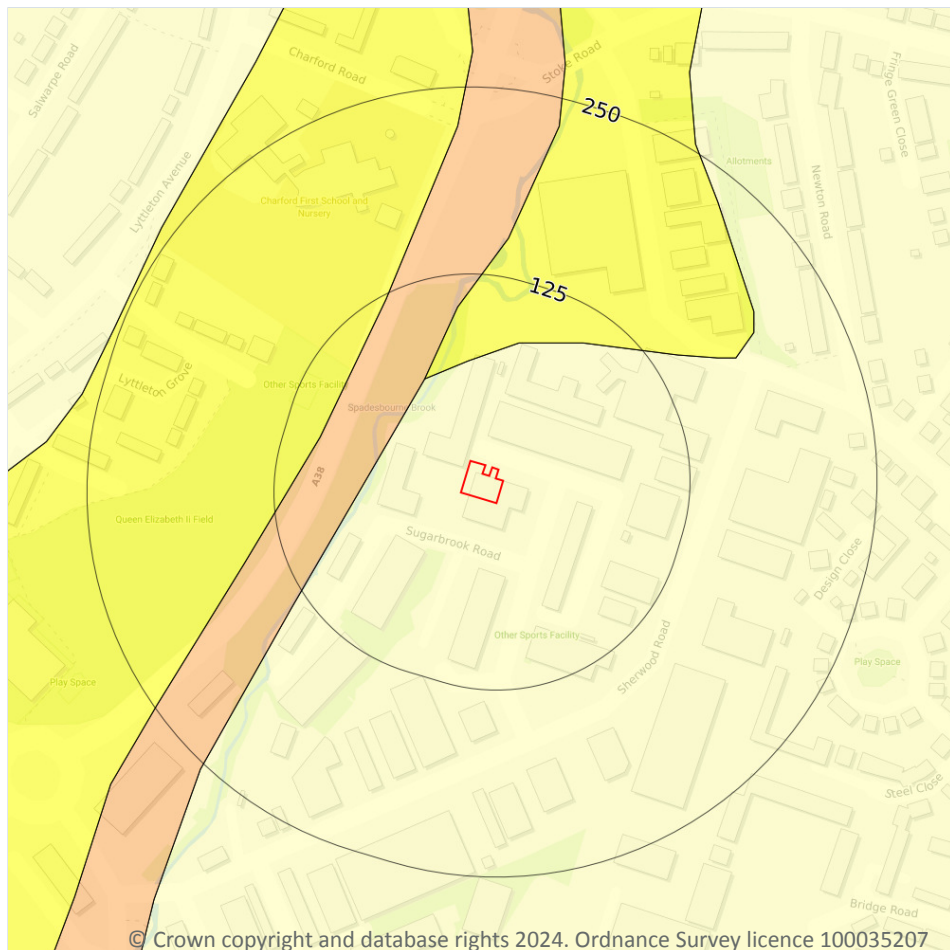
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 93](#) >

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

1

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.

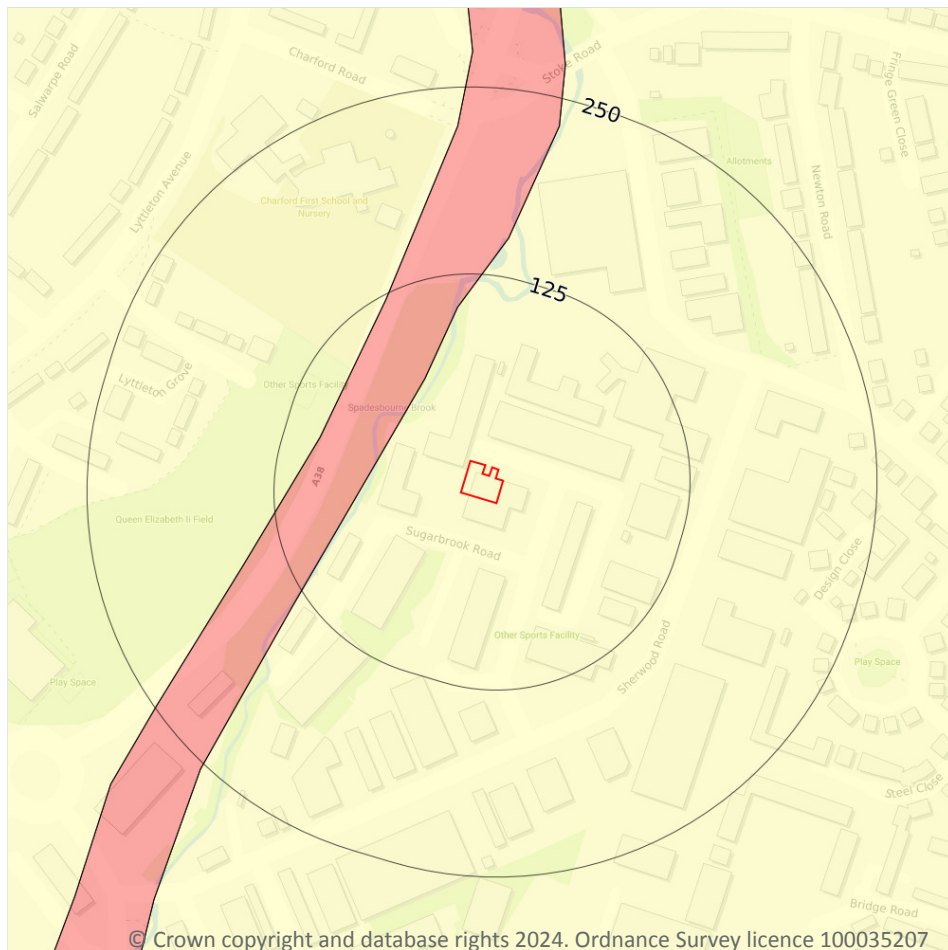
Features are displayed on the Natural ground subsidence - Running sands map on [page 94 >](#)

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

1

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.

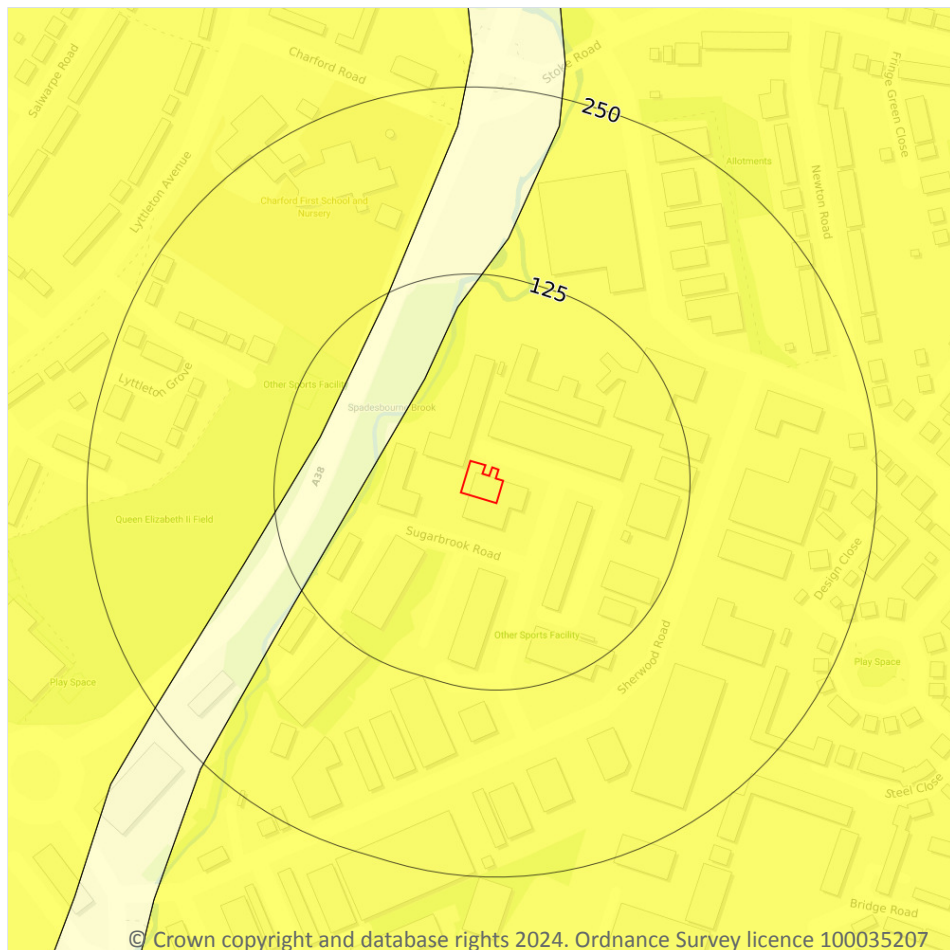
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 95 >](#)

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

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.

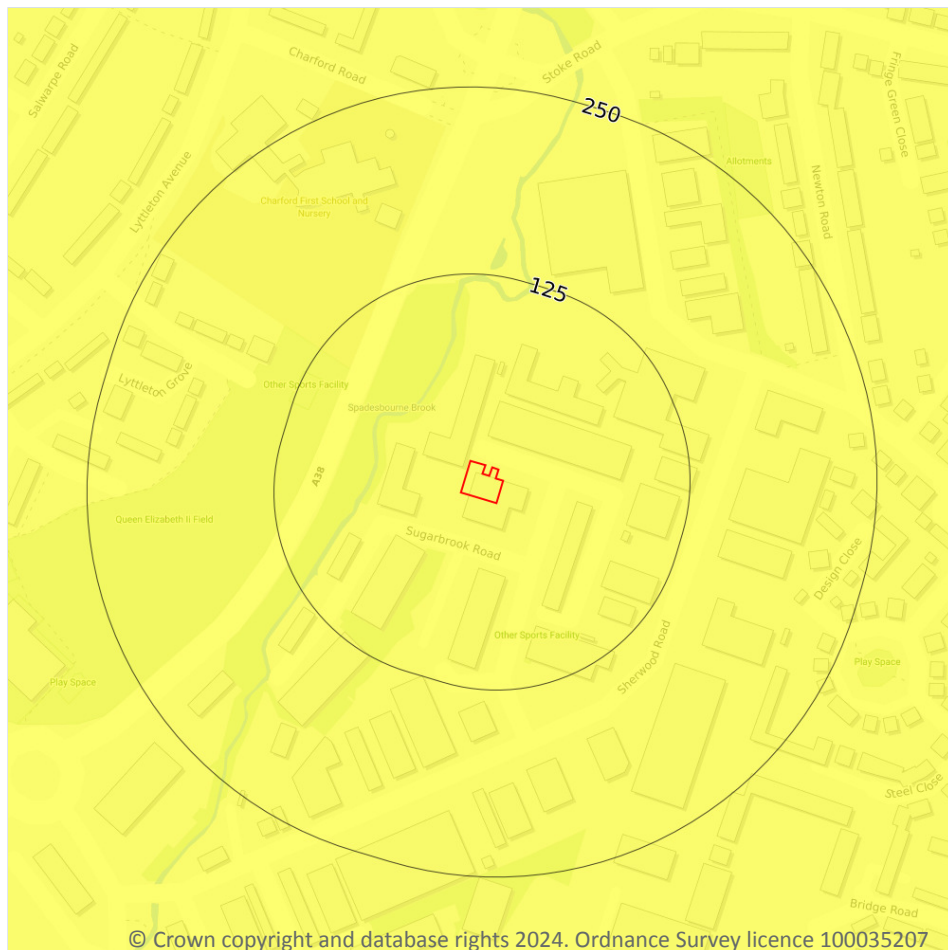
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 96 >](#)

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 97 >](#)

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 98](#)

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

18.1 BritPits

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

0

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.

This data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

0

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

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

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

This data is sourced from Groundsure.



18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

1

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

Location	Details
On site	Whilst outside of an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) may have information such as mining plans and maps held within their archive that have occurred within 1km of this property. Please note, the plans held by JPB may also relate to non-mining records. Further details and a quote for services (if appropriate) can be obtained by emailing this report to enquiries.gs@jpb.co.uk ↗.

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
-----------------	---

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
-----------------	---

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

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



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

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



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

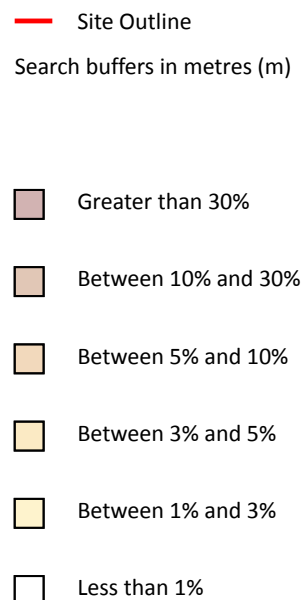
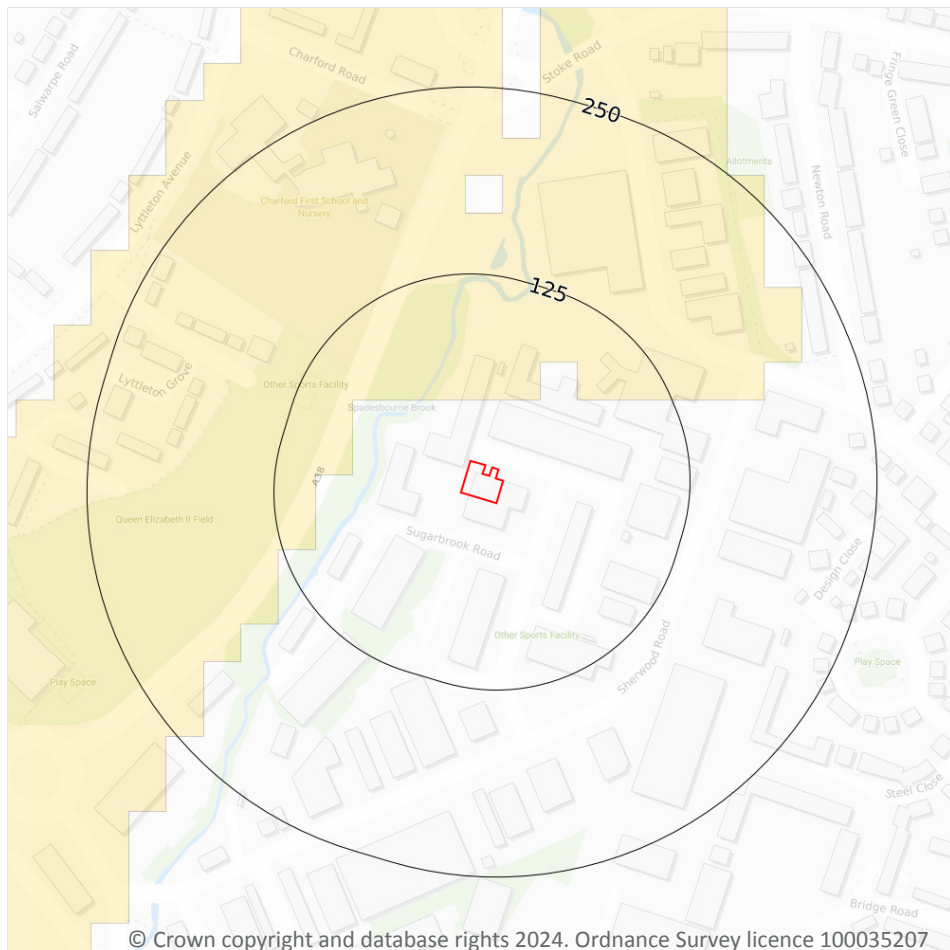
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 106 >](#)

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



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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

3

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 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
47m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
47m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

0

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

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 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

22.9 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.

22.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.

