Groundsure
LOCATION INTELLIGENCE

Enviro+Geo Insight

SHAKESPEARE HOTEL, SHAKESPEARE HOTEL, WYTHAM STREET, PADIHAM, BB12 7DX

Order Details

Date: 12/12/2023

Your ref: Patel

Our Ref: GS-2TD-LFI-BBP-XDA

Site Details

Location: 379719 433218

Area: 0.13 ha

Authority: Burnley Borough Council ↗

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

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	0	5	11	44	-
18 >	1.2 >	Historical tanks >	0	1	2	4	-
18 >	1.3 >	Historical energy features >	0	0	8	12	-
19	1.4	Historical petrol stations	0	0	0	0	-
20 >	1.5 >	Historical garages >	0	0	0	5	-
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	16	16	77	-
25 >	2.2 >	Historical tanks >	0	1	2	8	-
26 >	2.3 >	Historical energy features >	0	0	10	21	-
28	2.4	Historical petrol stations	0	0	0	0	-
28 >	2.5 >	Historical garages >	0	0	0	6	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
29	3.1	Active or recent landfill	0	0	0	0	-
29	3.2	Historical landfill (BGS records)	0	0	0	0	-
30 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	3	-
30 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	1	2	-
31	3.5	Historical waste sites	0	0	0	0	-
31 >	3.6 >	Licensed waste sites >	0	0	1	6	-
33 >	3.7 >	Waste exemptions >	0	0	11	15	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
36 >	4.1 >	Recent industrial land uses >	0	0	10	-	-
37	4.2	Current or recent petrol stations	0	0	0	0	-
37	4.3	Electricity cables	0	0	0	0	-
38	4.4	Gas pipelines	0	0	0	0	-
38	4.5	Sites determined as Contaminated Land	0	0	0	0	-

38	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
38	4.7	Regulated explosive sites	0	0	0	0	-
38	4.8	Hazardous substance storage/usage	0	0	0	0	-
39 >	**4.9 >**	**Historical licensed industrial activities (IPC) >**	0	0	0	3	-
39	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
39 >	**4.11 >**	**Licensed pollutant release (Part A(2)/B) >**	0	0	0	1	-
40	4.12	Radioactive Substance Authorisations	0	0	0	0	-
40 >	**4.13 >**	**Licensed Discharges to controlled waters >**	0	0	7	6	-
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	-
43	4.17	List 2 Dangerous Substances	0	0	0	0	-
43 >	**4.18 >**	**Pollution Incidents (EA/NRW) >**	0	0	5	6	-
44	4.19	Pollution inventory substances	0	0	0	0	-
44	4.20	Pollution inventory waste transfers	0	0	0	0	-
45	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	**Hydrogeology >**	On site	0-50m	50-250m	250-500m	500-2000m
46 >	**5.1 >**	**Superficial aquifer >**	Identified (within 500m)				
48 >	**5.2 >**	**Bedrock aquifer >**	Identified (within 500m)				
50 >	**5.3 >**	**Groundwater vulnerability >**	Identified (within 50m)				
51	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
51	5.5	Groundwater vulnerability- local information	None (within 0m)				
52 >	**5.6 >**	**Groundwater abstractions >**	0	0	1	0	5
54 >	**5.7 >**	**Surface water abstractions >**	0	0	0	0	9
57	5.8	Potable abstractions	0	0	0	0	0
57	5.9	Source Protection Zones	0	0	0	0	-
57	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	**Hydrology >**	On site	0-50m	50-250m	250-500m	500-2000m
58 >	**6.1 >**	**Water Network (OS MasterMap) >**	0	1	2	-	-

59 >	6.2 >	Surface water features >	0	2	2	-	-
59 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
60 >	6.4 >	WFD Surface water bodies >	1	0	0	-	-
60 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
61 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
62 >	7.2 >	Historical Flood Events >	0	1	3	-	-
62	7.3	Flood Defences	0	0	0	-	-
63 >	7.4 >	Areas Benefiting from Flood Defences >	0	2	0	-	-
63	7.5	Flood Storage Areas	0	0	0	-	-
64 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
65 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
66 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
68 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
69	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
70	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
70	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
70	10.4	Special Protection Areas (SPA)	0	0	0	0	0
70	10.5	National Nature Reserves (NNR)	0	0	0	0	0
71 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
71 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	2
71	10.8	Biosphere Reserves	0	0	0	0	0
72	10.9	Forest Parks	0	0	0	0	0
72	10.10	Marine Conservation Zones	0	0	0	0	0
72 >	10.11 >	Green Belt >	0	0	0	2	3
72	10.12	Proposed Ramsar sites	0	0	0	0	0

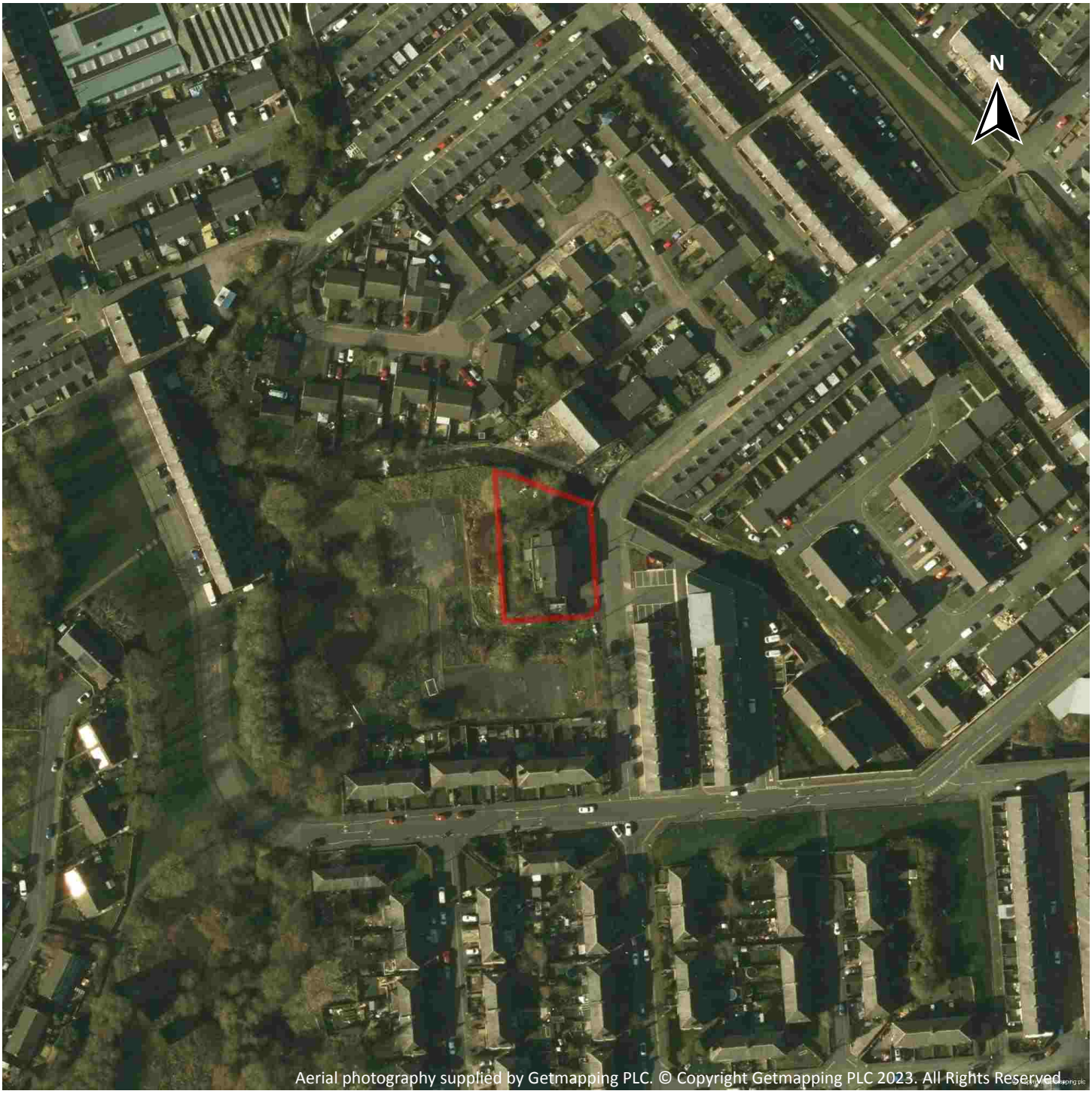
73	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
73	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
73	10.15	Nitrate Sensitive Areas	0	0	0	0	0
73	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
74 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
75	10.18	SSSI Units	0	0	0	0	0
Page	Section	**Visual and cultural designations** >	On site	0-50m	50-250m	250-500m	500-2000m
76	11.1	World Heritage Sites	0	0	0	-	-
77	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
77	11.3	National Parks	0	0	0	-	-
77	11.4	Listed Buildings	0	0	0	-	-
77 >	11.5 >	Conservation Areas >	1	0	0	-	-
78	11.6	Scheduled Ancient Monuments	0	0	0	-	-
78	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	**Agricultural designations** >	On site	0-50m	50-250m	250-500m	500-2000m
79 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
80	12.2	Open Access Land	0	0	0	-	-
80 >	12.3 >	Tree Felling Licences >	0	0	4	-	-
80	12.4	Environmental Stewardship Schemes	0	0	0	-	-
81	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	**Habitat designations** >	On site	0-50m	50-250m	250-500m	500-2000m
82 >	13.1 >	Priority Habitat Inventory >	0	0	5	-	-
83 >	13.2 >	Habitat Networks >	0	0	1	-	-
83 >	13.3 >	Open Mosaic Habitat >	0	1	0	-	-
83	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	**Geology 1:10,000 scale** >	On site	0-50m	50-250m	250-500m	500-2000m
85 >	14.1 >	10k Availability >	Identified (within 500m)				
86 >	14.2 >	Artificial and made ground (10k) >	0	0	1	2	-
87 >	14.3 >	Superficial geology (10k) >	1	0	0	2	-

88	14.4	Landslip (10k)	0	0	0	0	-
89 >	14.5 >	Bedrock geology (10k) >	1	0	2	4	-
90 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	1	5	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
91 >	15.1 >	50k Availability >	Identified (within 500m)				
92	15.2	Artificial and made ground (50k)	0	0	0	0	-
92	15.3	Artificial ground permeability (50k)	0	0	-	-	-
93 >	15.4 >	Superficial geology (50k) >	1	0	0	1	-
94 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
94	15.6	Landslip (50k)	0	0	0	0	-
94	15.7	Landslip permeability (50k)	None (within 50m)				
95 >	15.8 >	Bedrock geology (50k) >	1	0	2	1	-
96 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
96 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	1	2	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
97 >	16.1 >	BGS Boreholes >	0	0	11	-	-
Page	Section	Natural ground subsidence >					
99 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
100 >	17.2 >	Running sands >	Very low (within 50m)				
101 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
102 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
103 >	17.5 >	Landslides >	Very low (within 50m)				
104 >	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
106 >	18.1 >	BritPits >	0	0	0	1	-
107 >	18.2 >	Surface ground workings >	0	1	4	-	-
107 >	18.3 >	Underground workings >	0	0	0	0	32
109	18.4	Underground mining extents	0	0	0	0	-
109	18.5	Historical Mineral Planning Areas	0	0	0	0	-

109	18.6	Non-coal mining	0	0	0	0	0
109	18.7	JPB mining areas	None (within 0m)				
110	18.8	The Coal Authority non-coal mining	0	0	0	0	-
110	18.9	Researched mining	0	0	0	0	-
110	18.10	Mining record office plans	0	0	0	0	-
110	18.11	BGS mine plans	0	0	0	0	-
111 >	**18.12 >**	**Coal mining >**	Identified (within 0m)				
111	18.13	Brine areas	None (within 0m)				
111	18.14	Gypsum areas	None (within 0m)				
111	18.15	Tin mining	None (within 0m)				
111	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
112	19.1	Natural cavities	0	0	0	0	-
112	19.2	Mining cavities	0	0	0	0	0
112	19.3	Reported recent incidents	0	0	0	0	-
112	19.4	Historical incidents	0	0	0	0	-
113	19.5	National karst database	0	0	0	0	-
Page	Section	**Radon >**					
114 >	**20.1 >**	**Radon >**	Less than 1% (within 0m)				
Page	Section	**Soil chemistry >**	On site	0-50m	50-250m	250-500m	500-2000m
116 >	**21.1 >**	**BGS Estimated Background Soil Chemistry >**	1	0	-	-	-
116	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
116	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
117	22.1	Underground railways (London)	0	0	0	-	-
117	22.2	Underground railways (Non-London)	0	0	0	-	-
118	22.3	Railway tunnels	0	0	0	-	-
118 >	**22.4 >**	**Historical railway and tunnel features >**	0	0	2	-	-
118	22.5	Royal Mail tunnels	0	0	0	-	-

118 >	22.6 >	Historical railways >	0	0	4	-	-
119	22.7	Railways	0	0	0	-	-
119	22.8	Crossrail 1	0	0	0	0	-
119	22.9	Crossrail 2	0	0	0	0	-
119	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 03/04/2023

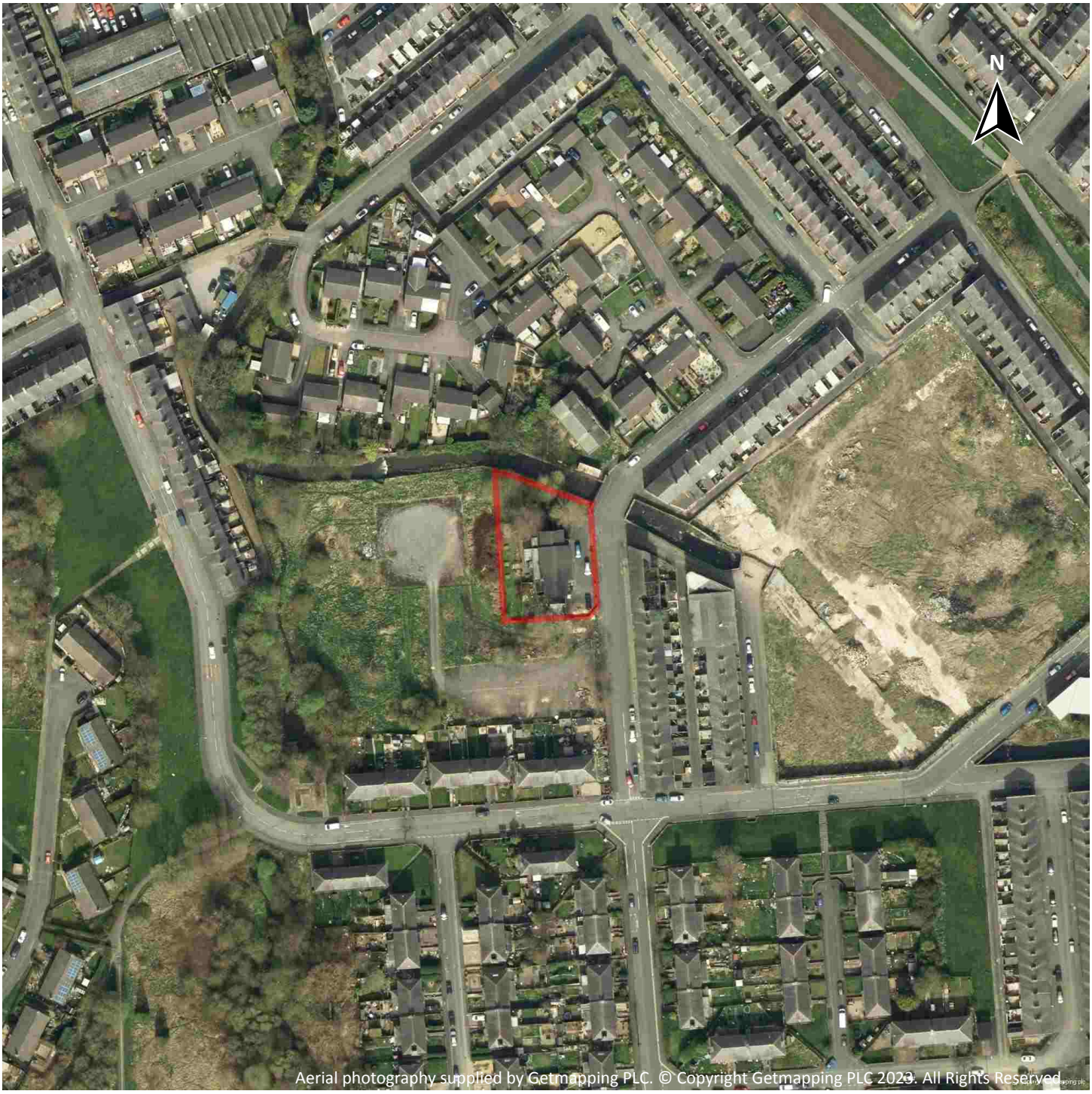
Site Area: 0.13ha

Recent site history - 2020 aerial photograph

Capture Date: 16/04/2020

Site Area: 0.13ha

Recent site history - 2017 aerial photograph



Capture Date: 03/04/2017

Site Area: 0.13ha

Recent site history - 2001 aerial photograph

Capture Date: 07/05/2001

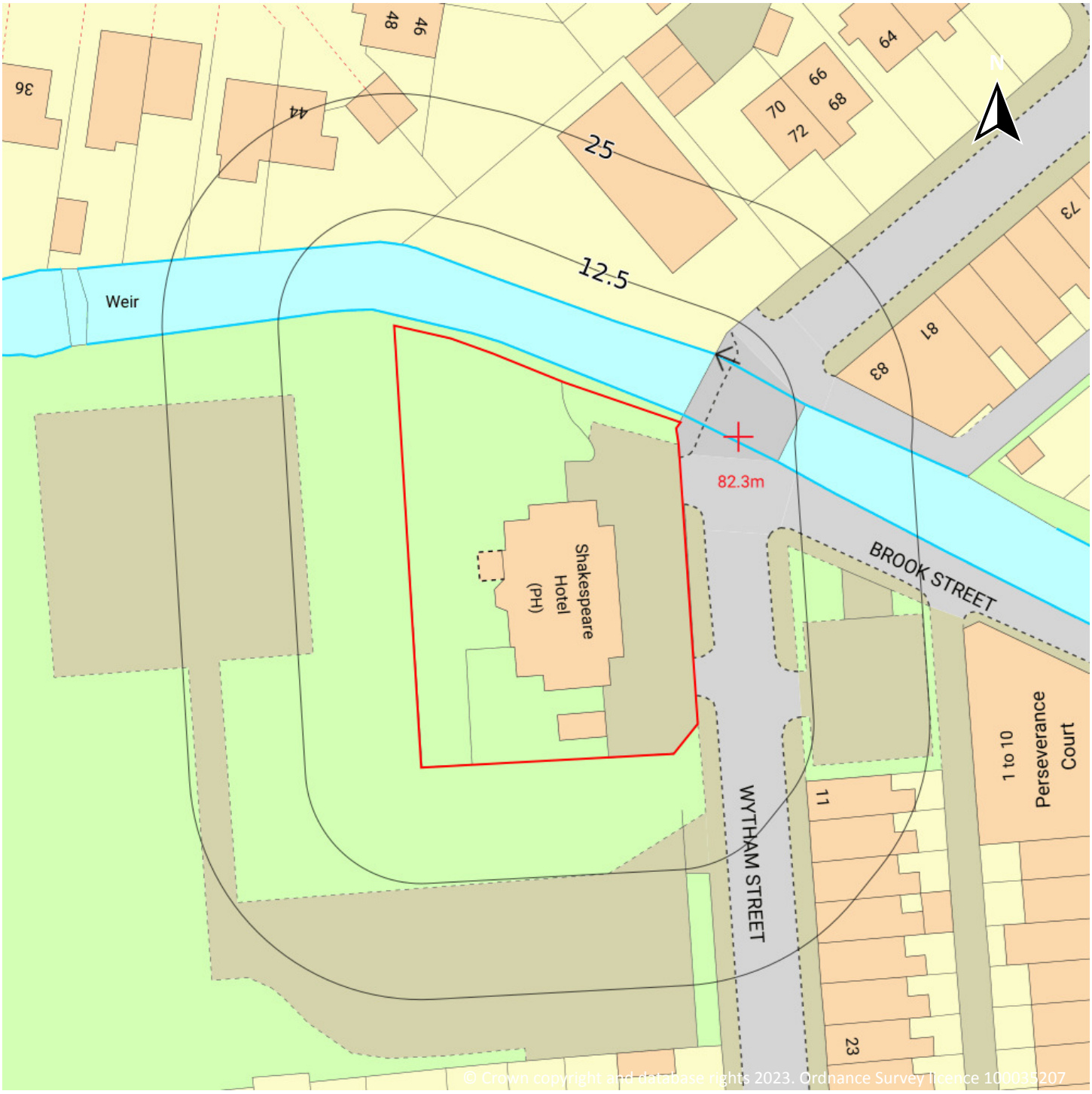
Site Area: 0.13ha

Recent site history - 2000 aerial photograph

Capture Date: 07/05/2000

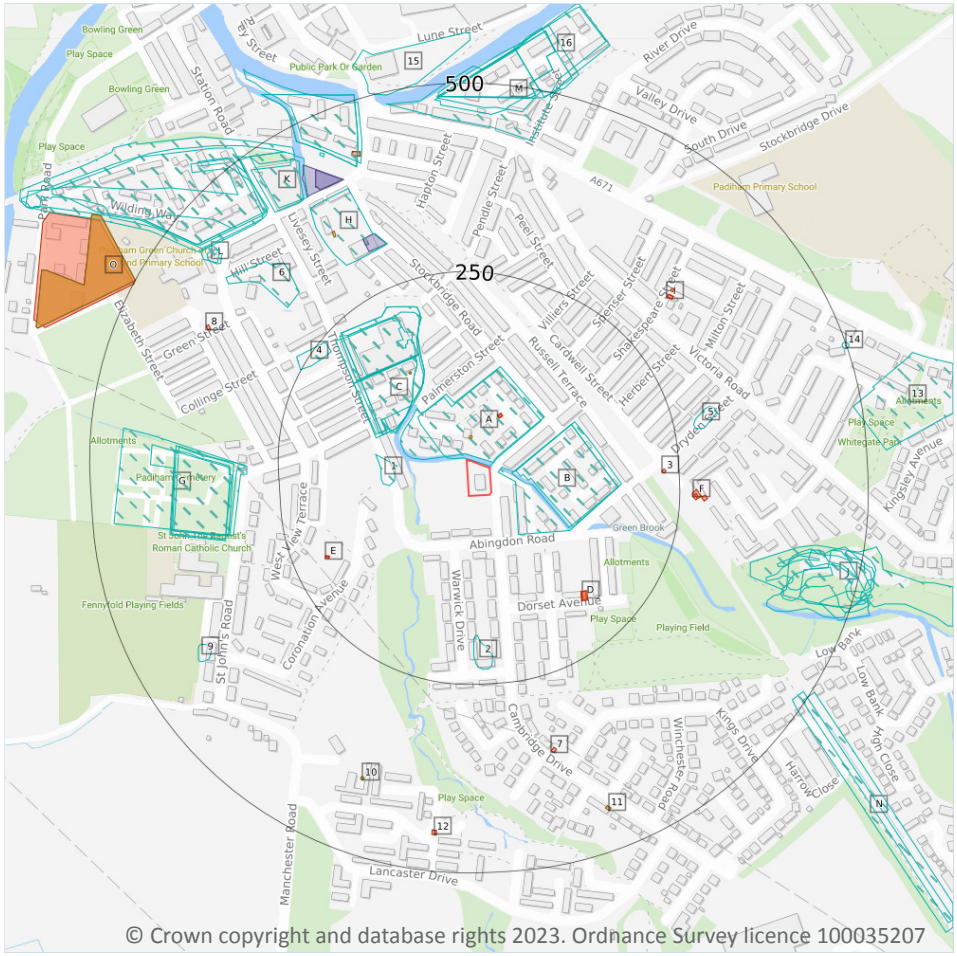
Site Area: 0.13ha

OS MasterMap site plan



Site Area: 0.13ha

1 Past land use



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

1.1 Historical industrial land uses

Records within 500m	60

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	1m N	Unspecified Mill	1909 - 1938	696894

ID	Location	Land use	Dates present	Group ID
A	7m N	Unspecified Mill	1950 - 1991	704515
B	11m E	Unspecified Mill	1950 - 1991	720384
B	29m E	Unspecified Mill	1909	696913
B	35m E	Unspecified Mill	1929 - 1938	781081
1	92m W	Unspecified Pit	1892	690044
C	98m NW	Unspecified Mill	1950	785999
C	99m NW	Unspecified Works	1965	678839
C	99m NW	Unspecified Commercial/Industrial	1977 - 1991	771868
C	99m NW	Unspecified Mill	1929 - 1938	759075
C	103m NW	Unspecified Mill	1909	727595
C	153m NW	Unspecified Mill	1929 - 1938	697047
C	153m NW	Unspecified Mill	1909	766419
C	154m NW	Unspecified Mill	1950	726724
2	185m S	Unspecified Pit	1909 - 1929	741126
4	230m NW	Unspecified Heap	1965	650317
5	276m E	Unspecified Pit	1891	690041
G	292m W	Cemetery	1965 - 1991	739624
G	295m W	Cemetery	1892	703424
H	302m NW	Unspecified Mill	1909 - 1950	733437
G	309m W	Cemetery	1950	720151
6	312m NW	Unspecified Heap	1977 - 1991	736736
G	312m W	Cemetery	1909	755982
G	313m W	Cemetery	1929 - 1938	776578
J	356m E	Refuse Heap	1974	722415
J	382m E	Unspecified Disused Quarry	1910 - 1938	718980
J	391m E	Unspecified Ground Workings	1965	647351
J	393m SE	Unspecified Quarry	1891	667393
9	397m SW	Coal Pit	1846	654156

ID	Location	Land use	Dates present	Group ID
K	407m NW	Unspecified Mill	1909 - 1938	702360
K	408m NW	Unspecified Mill	1950	769997
J	411m E	Unspecified Pit	1950	690043
K	416m N	Unspecified Mill	1929 - 1938	711718
K	416m N	Unspecified Mill	1892 - 1909	787679
L	418m NW	Unspecified Heap	1987 - 1991	723826
K	418m N	Unspecified Mill	1950 - 1991	777542
L	419m NW	Railway Sidings	1950 - 1965	703895
L	419m NW	Railway Sidings	1909 - 1938	789616
L	422m NW	Unspecified Heap	1977	707272
L	422m NW	Railway Sidings	1892	756261
L	424m NW	Unspecified Works	1977 - 1991	742991
J	427m E	Refuse Heap	1965	740319
J	430m E	Unspecified Disused Quarry	1950	761162
M	432m N	Unspecified Works	1965	695549
L	438m NW	Unspecified Pit	1977 - 1991	746173
K	445m NW	Railway Building	1950	669964
J	460m E	Sandstone Quarry	1846	687052
M	460m N	Unspecified Foundry	1950	725133
M	468m N	Unspecified Mill	1977 - 1991	724402
J	476m E	Unspecified Pit	1950	690042
M	481m N	Unspecified Foundry	1938	717928
M	482m N	Unspecified Commercial/Industrial	1910	643165
M	482m N	Unspecified Foundry	1929	770040
N	485m SE	Cuttings	1910 - 1938	718441
J	486m E	Unspecified Heap	1950	650316
13	489m E	Nursery	1891 - 1910	779202
14	494m E	Coal Pit	1846	654160

ID	Location	Land use	Dates present	Group ID
15	495m N	Unspecified Mill	1938	775765
N	497m SE	Cuttings	1950	754561
16	498m N	Unspecified Works	1977 - 1991	790611

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**7**

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

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

ID	Location	Land use	Dates present	Group ID
A	29m N	Unspecified Tank	1891	83147
C	136m NW	Unspecified Tank	1959	102417
C	136m NW	Unspecified Tank	1957	94449
H	344m NW	Unspecified Tank	1968	99142
10	398m S	Unspecified Tank	1931	83148
11	441m S	Unspecified Tank	1957 - 1987	103164
O	500m NW	Gasholder Station	1968 - 1973	101072

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**20**

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

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

ID	Location	Land use	Dates present	Group ID
A	67m N	Electricity Substation	1961	51472
A	67m N	Electricity Substation	1989 - 1990	57566
D	177m SE	Electricity Substation	1961	47887
D	177m SE	Electricity Substation	1989	55731
D	177m SE	Electricity Substation	1990	53444
E	201m SW	Electricity Substation	1961	50881
E	201m SW	Electricity Substation	1989 - 1990	56486
3	228m E	Gas Governor	1990	46434
F	267m E	Electricity Substation	1967	50491
F	269m E	Electricity Substation	1967	53210
F	279m E	Electricity Substation	1978 - 1994	48730
I	327m NE	Electricity Substation	1989	50182
I	327m NE	Electricity Substation	1961	56352
I	335m NE	Electricity Substation	1990	45197
7	346m S	Electricity Substation	1975	52871
8	382m NW	Electricity Substation	1973 - 1995	54608
K	427m N	Electricity Substation	1968 - 1994	51652
12	446m S	Electricity Substation	1975 - 1982	53512
O	499m NW	Urban District Council Gas Works	1912	46598
O	500m NW	Gasholder Station	1968 - 1973	47827

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	5

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

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

ID	Location	Land use	Dates present	Group ID
H	305m NW	Garage	1985	16861
H	314m NW	Garage	1994	15343
K	406m NW	Garage	1968	15061
K	406m NW	Garage	1985 - 1994	18067
K	407m NW	Garage	1968	19764

This data is sourced from Ordnance Survey / Groundsure.

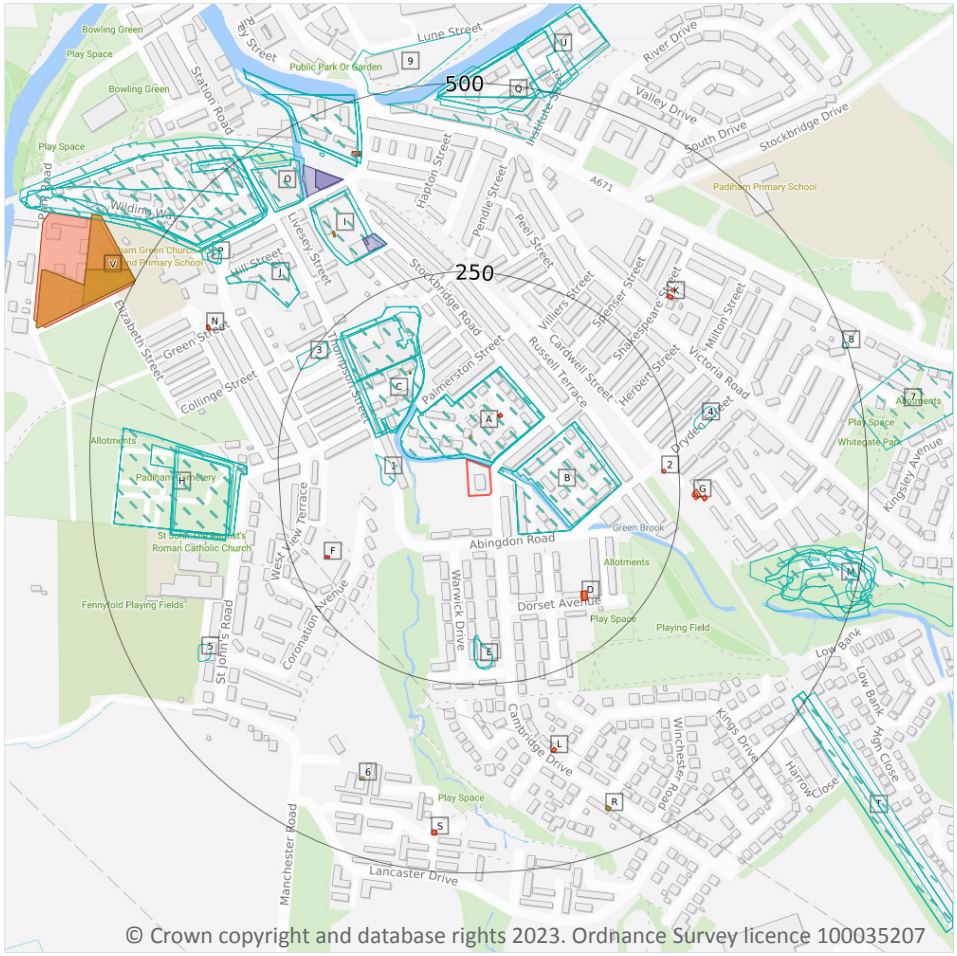
1.6 Historical military land

Records within 500m	0

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

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

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m	109

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	1m N	Unspecified Mill	1938	696894
A	1m N	Unspecified Mill	1929	696894
A	1m N	Unspecified Mill	1909	696894

ID	Location	Land Use	Date	Group ID
A	7m N	Unspecified Mill	1991	704515
A	7m N	Unspecified Mill	1987	704515
A	7m N	Unspecified Mill	1965	704515
A	7m N	Unspecified Mill	1950	704515
A	7m N	Unspecified Mill	1977	704515
B	11m E	Unspecified Mill	1991	720384
B	11m E	Unspecified Mill	1987	720384
B	11m E	Unspecified Mill	1965	720384
B	11m E	Unspecified Mill	1950	720384
B	11m E	Unspecified Mill	1977	720384
B	29m E	Unspecified Mill	1909	696913
B	35m E	Unspecified Mill	1938	781081
B	35m E	Unspecified Mill	1929	781081
1	92m W	Unspecified Pit	1892	690044
C	98m NW	Unspecified Mill	1950	785999
C	99m NW	Unspecified Commercial/Industrial	1991	771868
C	99m NW	Unspecified Commercial/Industrial	1987	771868
C	99m NW	Unspecified Works	1965	678839
C	99m NW	Unspecified Commercial/Industrial	1977	771868
C	99m NW	Unspecified Mill	1938	759075
C	99m NW	Unspecified Mill	1929	759075
C	103m NW	Unspecified Mill	1909	727595
C	153m NW	Unspecified Mill	1938	697047
C	153m NW	Unspecified Mill	1929	697047
C	153m NW	Unspecified Mill	1909	766419
C	154m NW	Unspecified Mill	1950	726724
E	185m S	Unspecified Pit	1929	741126
E	189m S	Unspecified Pit	1909	741126

ID	Location	Land Use	Date	Group ID
3	230m NW	Unspecified Heap	1965	650317
4	276m E	Unspecified Pit	1891	690041
H	292m W	Cemetery	1991	739624
H	292m W	Cemetery	1987	739624
H	292m W	Cemetery	1965	739624
H	292m W	Cemetery	1977	739624
H	295m W	Cemetery	1892	703424
I	302m NW	Unspecified Mill	1938	733437
I	302m NW	Unspecified Mill	1929	733437
I	302m NW	Unspecified Mill	1909	733437
I	303m NW	Unspecified Mill	1950	733437
H	309m W	Cemetery	1950	720151
J	312m NW	Unspecified Heap	1991	736736
J	312m NW	Unspecified Heap	1987	736736
J	312m NW	Unspecified Heap	1977	736736
H	312m W	Cemetery	1909	755982
H	313m W	Cemetery	1938	776578
H	313m W	Cemetery	1929	776578
M	356m E	Refuse Heap	1974	722415
M	382m E	Unspecified Disused Quarry	1938	718980
M	382m E	Unspecified Disused Quarry	1929	718980
M	382m E	Unspecified Disused Quarry	1910	718980
M	391m E	Unspecified Ground Workings	1965	647351
M	393m SE	Unspecified Quarry	1891	667393
5	397m SW	Coal Pit	1846	654156
O	407m NW	Unspecified Mill	1938	702360
O	407m NW	Unspecified Mill	1929	702360
O	407m NW	Unspecified Mill	1909	702360

ID	Location	Land Use	Date	Group ID
O	408m NW	Unspecified Mill	1950	769997
M	411m E	Unspecified Pit	1950	690043
O	416m N	Unspecified Mill	1938	711718
O	416m N	Unspecified Mill	1929	711718
O	416m N	Unspecified Mill	1909	787679
O	416m N	Unspecified Mill	1892	787679
P	418m NW	Unspecified Heap	1991	723826
P	418m NW	Unspecified Heap	1987	723826
O	418m N	Unspecified Mill	1991	777542
O	418m N	Unspecified Mill	1987	777542
O	418m N	Unspecified Mill	1965	777542
O	418m N	Unspecified Mill	1950	777542
O	418m N	Unspecified Mill	1977	777542
P	419m NW	Railway Sidings	1965	703895
P	419m NW	Railway Sidings	1950	703895
P	419m NW	Railway Sidings	1938	789616
P	419m NW	Railway Sidings	1929	789616
P	419m NW	Railway Sidings	1909	789616
P	422m NW	Unspecified Heap	1977	707272
P	422m NW	Railway Sidings	1892	756261
P	424m NW	Unspecified Works	1991	742991
P	424m NW	Unspecified Works	1987	742991
P	424m NW	Unspecified Works	1977	742991
M	427m E	Refuse Heap	1965	740319
M	430m E	Unspecified Disused Quarry	1950	761162
Q	432m N	Unspecified Works	1965	695549
P	438m NW	Unspecified Pit	1991	746173
P	438m NW	Unspecified Pit	1987	746173

ID	Location	Land Use	Date	Group ID
P	438m NW	Unspecified Pit	1977	746173
O	445m NW	Railway Building	1950	669964
M	460m E	Sandstone Quarry	1846	687052
Q	460m N	Unspecified Foundry	1950	725133
Q	468m N	Unspecified Mill	1991	724402
Q	468m N	Unspecified Mill	1987	724402
Q	468m N	Unspecified Mill	1977	724402
M	476m E	Unspecified Pit	1950	690042
Q	481m N	Unspecified Foundry	1938	717928
Q	482m N	Unspecified Foundry	1929	770040
Q	482m N	Unspecified Commercial/Industrial	1910	643165
T	485m SE	Cuttings	1938	718441
T	485m SE	Cuttings	1929	718441
T	485m SE	Cuttings	1910	718441
M	486m E	Unspecified Heap	1950	650316
7	489m E	Nursery	1910	779202
8	494m E	Coal Pit	1846	654160
9	495m N	Unspecified Mill	1938	775765
T	497m SE	Cuttings	1950	754561
U	498m N	Unspecified Works	1991	790611
U	498m N	Unspecified Works	1987	790611
U	498m N	Unspecified Works	1977	790611

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**11**

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	29m N	Unspecified Tank	1891	83147
C	136m NW	Unspecified Tank	1959	102417
C	136m NW	Unspecified Tank	1957	94449
I	344m NW	Unspecified Tank	1968	99142
I	344m NW	Unspecified Tank	1968	99142
6	398m S	Unspecified Tank	1931	83148
R	441m S	Unspecified Tank	1987	103164
R	441m S	Unspecified Tank	1960	103164
R	441m S	Unspecified Tank	1957	103164
V	500m NW	Gasholder Station	1968	101072
V	500m NW	Gasholder Station	1973	101072

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	**31**

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
A	67m N	Electricity Substation	1961	51472
A	67m N	Electricity Substation	1989	57566
A	68m N	Electricity Substation	1990	57566
D	177m SE	Electricity Substation	1961	47887
D	177m SE	Electricity Substation	1989	55731
D	177m SE	Electricity Substation	1990	53444
F	201m SW	Electricity Substation	1961	50881
F	201m SW	Electricity Substation	1989	56486

ID	Location	Land Use	Date	Group ID
F	202m SW	Electricity Substation	1990	56486
2	228m E	Gas Governor	1990	46434
G	267m E	Electricity Substation	1967	50491
G	269m E	Electricity Substation	1967	53210
G	279m E	Electricity Substation	1978	48730
G	280m E	Electricity Substation	1994	48730
K	327m NE	Electricity Substation	1961	56352
K	327m NE	Electricity Substation	1989	50182
K	335m NE	Electricity Substation	1990	45197
L	346m S	Electricity Substation	1975	52871
L	346m S	Electricity Substation	1975	52871
N	382m NW	Electricity Substation	1973	54608
N	382m NW	Electricity Substation	1995	54608
O	427m N	Electricity Substation	1994	51652
O	428m N	Electricity Substation	1985	51652
O	428m N	Electricity Substation	1968	51652
O	429m N	Electricity Substation	1968	51652
S	446m S	Electricity Substation	1975	53512
S	446m S	Electricity Substation	1975	53512
S	446m S	Electricity Substation	1982	53512
V	499m NW	Urban District Council Gas Works	1912	46598
V	500m NW	Gasholder Station	1968	47827
V	500m NW	Gasholder Station	1973	47827

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	6

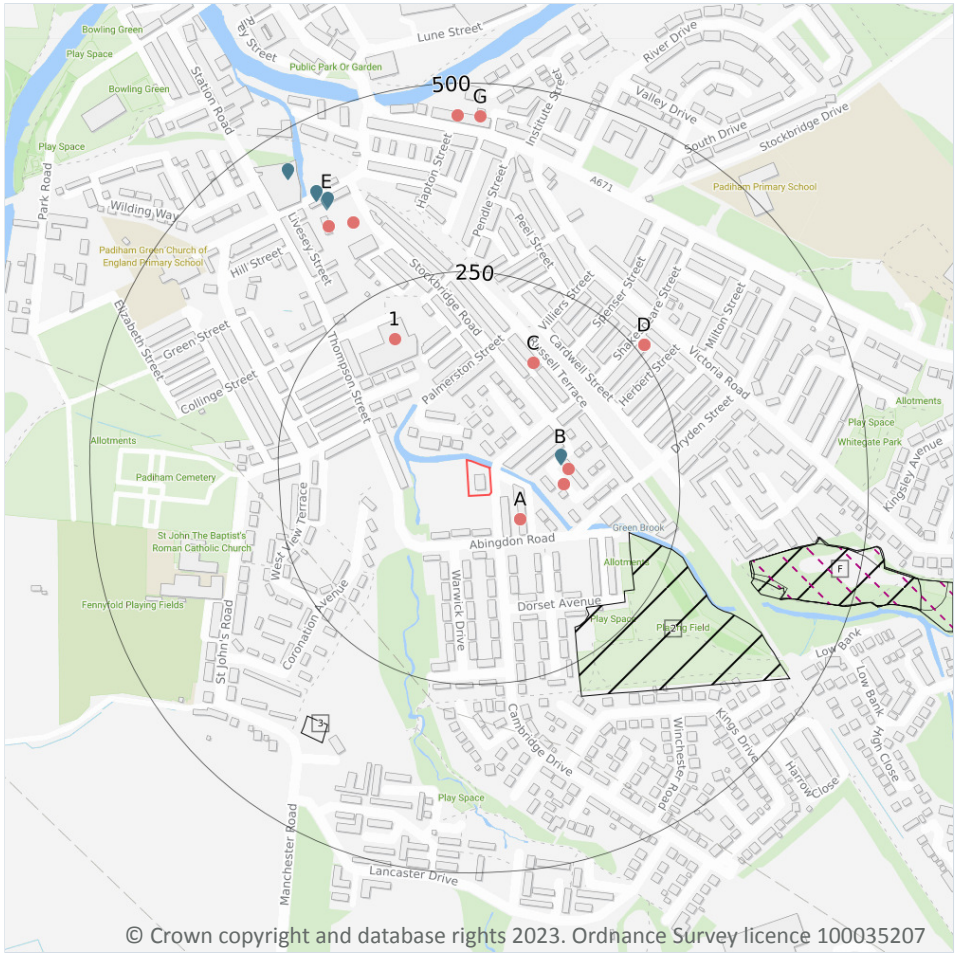
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land Use	Date	Group ID
I	305m NW	Garage	1985	16861
I	314m NW	Garage	1994	15343
O	406m NW	Garage	1968	15061
O	406m NW	Garage	1994	18067
O	406m NW	Garage	1985	18067
O	407m NW	Garage	1968	19764

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Historical landfill (EA/NRW)

Historical landfill (LA/OS)

Licensed waste sites

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	3

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

Features are displayed on the Waste and landfill map on **page 29 >**

ID	Location	Site address	Source	Data type
F	355m E	Refuse Tip	1967 mapping	Polygon
F	355m E	Refuse Tip	1963 mapping	Polygon
F	355m E	Refuse Tip	1967 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	3

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 29 >**

ID	Location	Details		
2	190m E	Site Address: Allotment Gardens, Dorset Avenue, Padiham, Burnley, Lancashire Licence Holder Address: -	Waste Licence: - Site Reference: K1/12/036 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: Polo First Recorded - Last Recorded: -
F	356m E	Site Address: Railway Line, Off Dorset Avenue, Padiham, Lancashire Licence Holder Address: -	Waste Licence: - Site Reference: K1/12/021 Waste Type: Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -

ID	Location	Details		
3	356m SW	Site Address: Shaw Brook, Off Manchester Road, Padiham, Burnley, Lancashire Licence Holder Address: -	Waste Licence: - Site Reference: K1/12/037 Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: W M Blythe and Company Limited Licence Holder: - First Recorded 31/12/1838 Last Recorded: -

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	**7**

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

Features are displayed on the Waste and landfill map on **page 29 >**

ID	Location	Details		
B	94m E	Site Name: Albion Mill Site Address: Perseverance Mills Limited, Albion Mills, Padiham, Blackburn, Lancashire, BB12 7DY Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 647151 EPR reference: EA/EPR/YP3291CJ Operator: Perseverence Mills Waste Management licence No: 54141 Annual Tonnage: 90	Issue Date: 07/09/1993 Effective Date: 07/09/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired

ID	Location	Details		
E	389m NW	Site Name: Millwood Vehicle Services Ltd Site Address: Green Lane Mill, Stockbridge Road, Padiham, Burnley, Lancashire, BB12 7HA Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 633277 EPR reference: EA/EPR/CB3208LH Operator: Millwood Vehicle Services Limited Waste Management licence No: 401928 Annual Tonnage: 4999	Issue Date: 09/12/2014 Effective Date: 09/12/2014 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
E	391m NW	Site Name: Multi Vehicle Parts Site Address: Green Lane Mill, Stockbridge Road, Padiham, Burnley, Lancashire, BB12 7HA Correspondence Address: -	Type of Site: Vehicle Depollution Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 654195 EPR reference: EA/EPR/EB3909XV Operator: Multi Vehicle Parts Limited Waste Management licence No: 403912 Annual Tonnage: 4999	Issue Date: 21/04/2017 Effective Date: 21/04/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
E	405m NW	Site Name: Millwood Vehicle Services Limited Site Address: Green Lane Mill, Stockbridge Road, Padiham, Lancashire, BB12 7HA Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIL112 EPR reference: EA/EPR/CB3208LH/A001 Operator: Millwood Vehicle Services Limited Waste Management licence No: 401928 Annual Tonnage: 4999	Issue Date: 09/12/2014 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	405m NW	Site Name: Millwood Automotive Ltd Site Address: Green Lane Mill, Stockbridge Road, Padiham, Burnley, Lancashire, BB12 7HA Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 652078 EPR reference: EA/EPR/AB3907MY Operator: Millwood Automotive Limited Waste Management licence No: 400965 Annual Tonnage: 4999	Issue Date: 03/03/2014 Effective Date: 03/03/2014 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked

ID	Location	Details		
E	449m NW	Site Name: Recycled Parts Ltd Site Address: Greenbridge Mill, Station Road, Padiham, Lancashire, BB12 8EF Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REC265 EPR reference: EA/EPR/HP3690VX/A001 Operator: Recycled Parts Ltd Waste Management licence No: 101694 Annual Tonnage: 74999	Issue Date: 06/10/2010 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
E	449m NW	Site Name: Recycled Parts Ltd Site Address: Greenbridge Mill, Station Road, Padiham, Lancashire, BB12 8EF Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 633257 EPR reference: EA/EPR/HP3690VX Operator: Recycled Parts Limited Waste Management licence No: 101694 Annual Tonnage: 74999	Issue Date: 06/10/2010 Effective Date: 06/10/2010 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired

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

3.7 Waste exemptions

Records within 500m **26**

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 29 >**

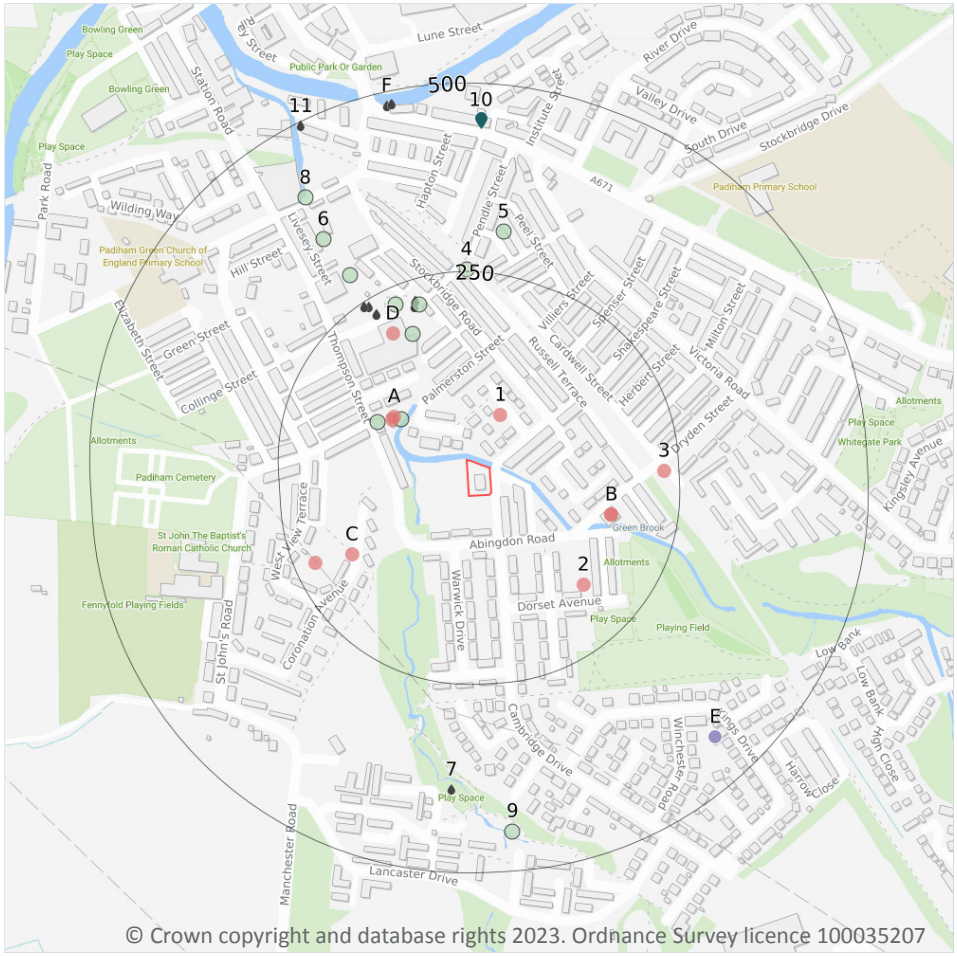
ID	Location	Site	Reference	Category	Sub-Category	Description
A	53m SE	Perseverance Mill, Albion Street, Padiham, BB12 7DZ	WEX106673	Treating waste exemption	Not on a farm	Screening and blending of waste
A	53m SE	Perseverance Mill, Albion Street, Padiham, BB12 7DZ	WEX106673	Using waste exemption	Not on a farm	Use of waste in construction
A	53m SE	Perseverance Mill, Albion Street, Padiham, BB12 7DZ	WEX091417	Treating waste exemption	Not on a farm	Screening and blending of waste
A	53m SE	Perseverance Mill, Albion Street, Padiham, BB12 7DZ	WEX091417	Using waste exemption	Not on a farm	Use of waste in construction

ID	Location	Site	Reference	Category	Sub-Category	Description
B	96m E	Land at NGR: SD7982833215 Padiham	EPR/WE5140 MB/A001	Treating waste exemption	Non-Agricultural Waste Only	Screening and blending of waste
B	96m E	Land at NGR: SD7982833215 Padiham	EPR/WE5140 MB/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
B	104m E	-	WEX106044	Treating waste exemption	Not on a farm	Screening and blending of waste
B	104m E	-	WEX106044	Using waste exemption	Not on a farm	Use of waste in construction
C	149m NE	126, RUSSELL TERRACE, PADIHAM, BURNLEY, BB12 7HD	WEX216803	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
C	149m NE	126, RUSSELL TERRACE, PADIHAM, BURNLEY, BB12 7HD	WEX058320	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
1	186m NW	THOMPSON STREET PADIHAM BURNLEY BB12 7BG	WEX001236	Using waste exemption	Not on a farm	Use of waste in construction
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX235886	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX235886	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX235886	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX235886	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX363757	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX363757	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX363757	Disposing of waste exemption	Not on a farm	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
D	261m NE	Engine House, Shakespeare St, Padiham, BB128RG	WEX363757	Disposing of waste exemption	Not on a farm	Disposal by incineration
E	349m NW	J J M Recycling BURNLEY Lancashire BB12 7HA	EPR/GE5855JG /A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
E	349m NW	J J M Recycling BURNLEY Lancashire BB12 7HA	EPR/GE5855JG /A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
E	360m NW	Unit 3, Green Mill Lane Stockbridge Road BURNLEY Lancashire BB12 7HA	EPR/GF0309VT /A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
E	360m NW	Unit 3, Green Mill Lane Stockbridge Road BURNLEY Lancashire BB12 7HA	EPR/GF0309VT /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Mechanical treatment of end-of-life tyres
G	455m N	135-139 Burnley Road BURNLEY Lancashire BB12 8BA	EPR/RF0609TP /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
G	457m N	135-139, BURNLEY ROAD, PADIHAM, BURNLEY, BB12 8BA	WEX135089	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
G	457m N	135-139, BURNLEY ROAD, PADIHAM, BURNLEY, BB12 8BA	WEX276707	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

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

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	10

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Company	Address	Activity	Category
1	71m N	Electricity Sub Station	Lancashire, BB12	Electrical Features	Infrastructure and Facilities
A	112m NW	Works	Lancashire, BB12	Unspecified Works Or Factories	Industrial Features

ID	Location	Company	Address	Activity	Category
A	113m NW	T M Atkinson & Sons Ltd	-, Thompson Street, Padiham, Lancashire, BB12 7BG	Fish, Meat and Poultry Products	Foodstuffs
B	162m E	P C Fix It 4 U	71, Dryden Street, Padiham, Lancashire, BB12 7EN	Electrical Equipment Repair and Servicing	Repair and Servicing
B	162m E	Park Products North West Ltd	71, Dryden Street, Padiham, Lancashire, BB12 7EN	Electrical and Electronic Engineers	Engineering Services
2	173m SE	Electricity Sub Station	Lancashire, BB12	Electrical Features	Infrastructure and Facilities
C	173m SW	Electricity Sub Station	Lancashire, BB12	Electrical Features	Infrastructure and Facilities
D	194m NW	R & A Components	Thompson Street Works, Thompson Street, Padiham, Lancashire, BB12 7BG	Rubber, Silicones and Plastics	Industrial Products
C	222m SW	Pylon	Lancashire, BB12	Electrical Features	Infrastructure and Facilities
3	231m E	Gas Governor Station	Lancashire, BB12	Gas Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	**0**

Open, closed, under development and obsolete petrol stations.

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	3

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

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Details	
E	439m SE	Operator: Hepworth Building Products Ltd Address: Pollard Moor, Padiham, Burnley, Lancashire, BB12 8TY Process: Inorganic Chemical Processes Permit Number: AP5323	Original Permit Number: IPCAPP Date Approved: 9-11-1995 Effective Date: 14-11-1995 Status: Superseded By Variation
E	439m SE	Operator: Hepworth Building Products Ltd Address: Pollard Moor, Padiham, Burnley, Lancashire, BB12 8TY Process: Inorganic Chemical Processes Permit Number: BB5878	Original Permit Number: IPCMAJVAR Date Approved: 12-2-1999 Effective Date: 15-2-1999 Status: Revoked - Now Ippc
E	439m SE	Operator: Hepworth Building Products Ltd Address: Pollard Moor, Padiham, Burnley, Lancashire, BB12 8TY Process: Inorganic Chemical Processes Permit Number: BD0664	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation

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	1

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

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Address	Details	
10	451m N	Status Dry Cleaners, 149 Burnley Road, Padiham, BB12 8BA	Process: Dry Cleaning Status: Current 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	**13**

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 36 >**

ID	Location	Address	Details	
D	214m N	LEVANT MILL FOOTBRIDGE CSO (O82CV), 59 THOMPSON STREET, PADIHAM, BURNLEY, LANCASHIRE, BB12 7BG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0027 Permit Version: 1 Receiving Water: RIVER CALDER	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 30/03/2005
D	221m N	STOCKBRIDGE ROAD CSO (BUR0038), REAR 30 STOCKBRIDGE ROAD, PADIHAM, BURNLEY, BB12 7HA	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: EPRJB3895EB Permit Version: 1 Receiving Water: GREEN BROOK	Status: NEW ISSUED UNDER EPR 2010 Issue date: 14/05/2021 Effective Date: 14/05/2021 Revocation Date: -
D	227m NW	LEVANT MILL FOOTBRIDGE CSO (O82CV), 59 THOMPSON STREET, PADIHAM, BURNLEY, LANCASHIRE, BB12 7BG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0033 Permit Version: 2 Receiving Water: RIVER CALDER	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 10/01/2017

ID	Location	Address	Details	
D	227m NW	LEVANT MILL FOOTBRIDGE CSO (O82CV), 59 THOMPSON STREET, PADIHAM, BURNLEY, LANCASHIRE, BB12 7BG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0033 Permit Version: 1 Receiving Water: RIVER CALDER	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 02/09/2010
D	227m NW	LEVANT MILL FOOTBRIDGE CSO (O82CV), 59 THOMPSON STREET, PADIHAM, BURNLEY, LANCASHIRE, BB12 7BG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0033 Permit Version: 3 Receiving Water: RIVER CALDER	Status: SURRENDERED UNDER EPR 2010 Issue date: 11/01/2017 Effective Date: 11/01/2017 Revocation Date: 21/09/2020
D	240m NW	LEVANT MILL FOOTBRIDGE CSO (O82CV), 59 THOMPSON STREET, PADIHAM, BURNLEY, LANCASHIRE, BB12 7BG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0027 Permit Version: 2 Receiving Water: RIVER CALDER	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 10/12/2004 Effective Date: 31/03/2005 Revocation Date: 25/10/2020
D	244m NW	LEVANT MILL FOOTBRIDGE CSO (O82CV), 59 THOMPSON STREET, PADIHAM, BURNLEY, LANCASHIRE, BB12 7BG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0027 Permit Version: 3 Receiving Water: GREEN BROOK	Status: VARIED UNDER EPR 2010 Issue date: 26/10/2020 Effective Date: 26/10/2020 Revocation Date: -
7	390m S	HAPTON SPS, BURNLEY, LANCASHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - EMERGENCY DISCHARGES Permit Number: 01LA1775 Permit Version: 1 Receiving Water: SHAW BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 20/05/1971 Revocation Date: 20/05/1971
F	481m N	OPP 76 BURNLEY ROAD CSO, 76 BURNLEY ROAD, PADIHAM, BURNLEY, LANCASHIRE, BB12 8QN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0021 Permit Version: 3 Receiving Water: RIVER CALDER	Status: VARIED UNDER EPR 2010 Issue date: 05/02/2016 Effective Date: 05/02/2016 Revocation Date: 20/08/2020
F	481m N	OPP 76 BURNLEY ROAD CSO, 76 BURNLEY ROAD, PADIHAM, BURNLEY, LANCASHIRE, BB12 8QN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0021 Permit Version: 4 Receiving Water: RIVER CALDER	Status: VARIED UNDER EPR 2010 Issue date: 21/08/2020 Effective Date: 21/08/2020 Revocation Date: -

ID	Location	Address	Details	
F	483m N	OPP 76 BURNLEY ROAD CSO, 76 BURNLEY ROAD, PADIHAM, BURNLEY, LANCASHIRE, BB12 8QN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0021 Permit Version: 2 Receiving Water: RIVER CALDER	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/02/2016
F	483m N	OPP 76 BURNLEY ROAD CSO, 76 BURNLEY ROAD, PADIHAM, BURNLEY, LANCASHIRE, BB12 8QN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0021 Permit Version: 1 Receiving Water: RIVER CALDER	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 02/09/2010
11	494m NW	REAR PERSEVERANCE MILL CSO, WATERSIDE MEWS, BURNLEY, LANCASHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BUR0020 Permit Version: 1 Receiving Water: RIVER CALDER	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 28/02/2008

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	0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	11

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 36** >

ID	Location	Details	
A	101m NW	Incident Date: 23/07/2020 Incident Identification: 1829948 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
A	128m NW	Incident Date: 11/12/2001 Incident Identification: 47710 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
D	182m NW	Incident Date: 26/09/2002 Incident Identification: 110764 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)
D	215m N	Incident Date: 26/06/2003 Incident Identification: 169163 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
D	227m NW	Incident Date: 19/07/2004 Incident Identification: 252102 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
4	252m N	Incident Date: 04/07/2002 Incident Identification: 89317 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
D	289m NW	Incident Date: 28/03/2002 Incident Identification: 67331 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)
5	306m N	Incident Date: 16/09/2003 Incident Identification: 190120 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
6	349m NW	Incident Date: 28/06/2002 Incident Identification: 88051 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
8	408m NW	Incident Date: 19/07/2002 Incident Identification: 92874 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	447m S	Incident Date: 19/04/2002 Incident Identification: 74056 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)

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.

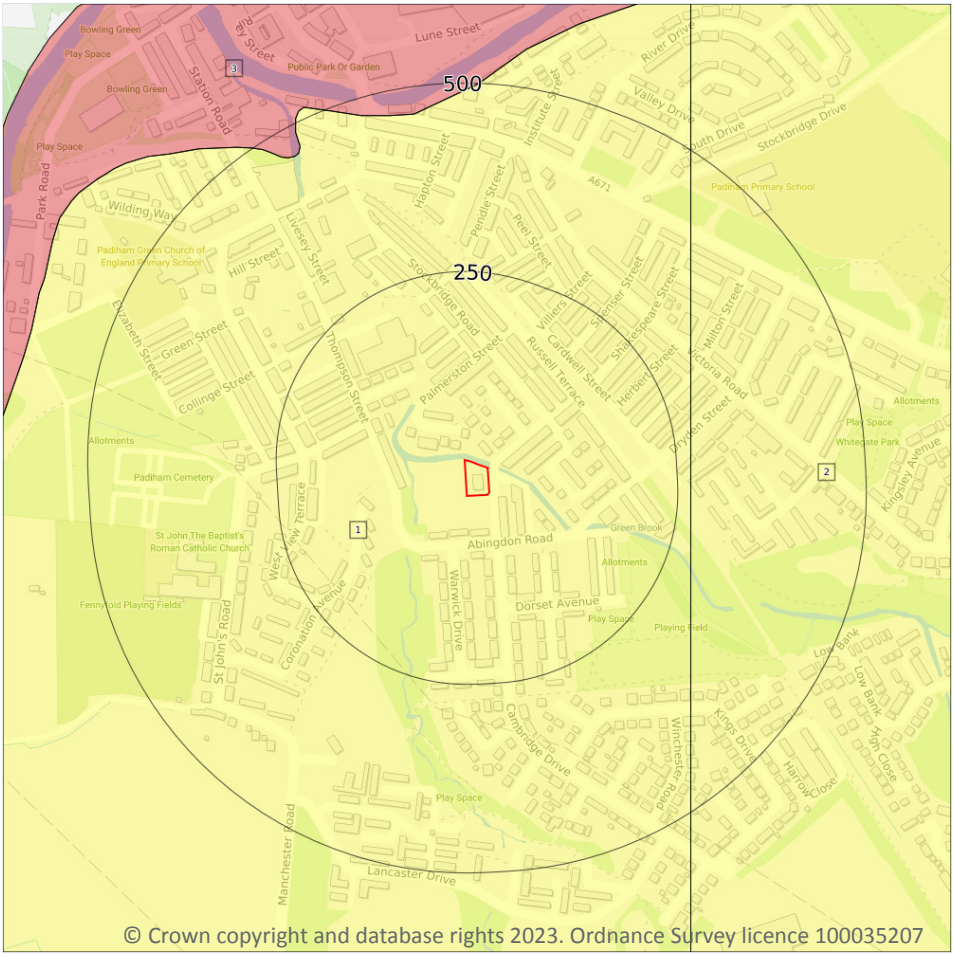
4.21 Pollution inventory radioactive waste

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	3

Aquifer status of groundwater held within superficial geology.

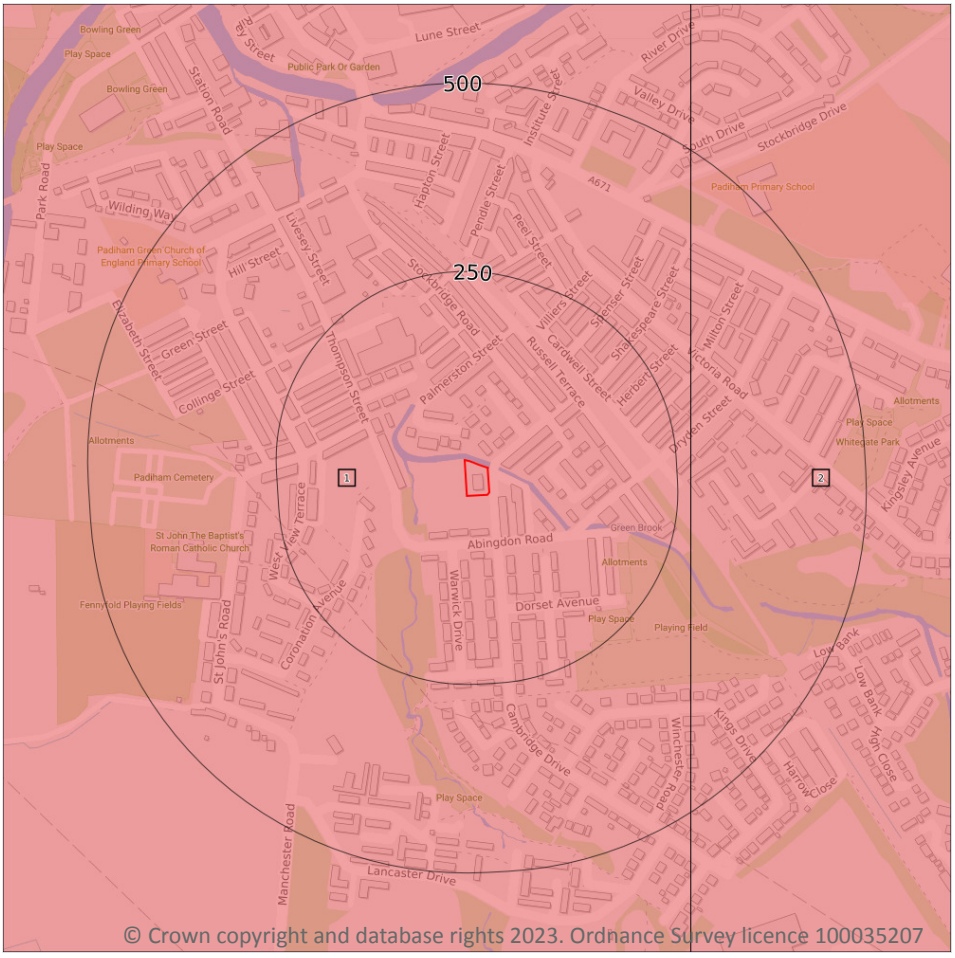
Features are displayed on the Hydrogeology map on **page 46 >**

ID	Location	Designation	Description
1	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
2	267m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	461m 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



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Site Outline

Search buffers in metres (m)

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

5.2 Bedrock aquifer

Records within 500m	2

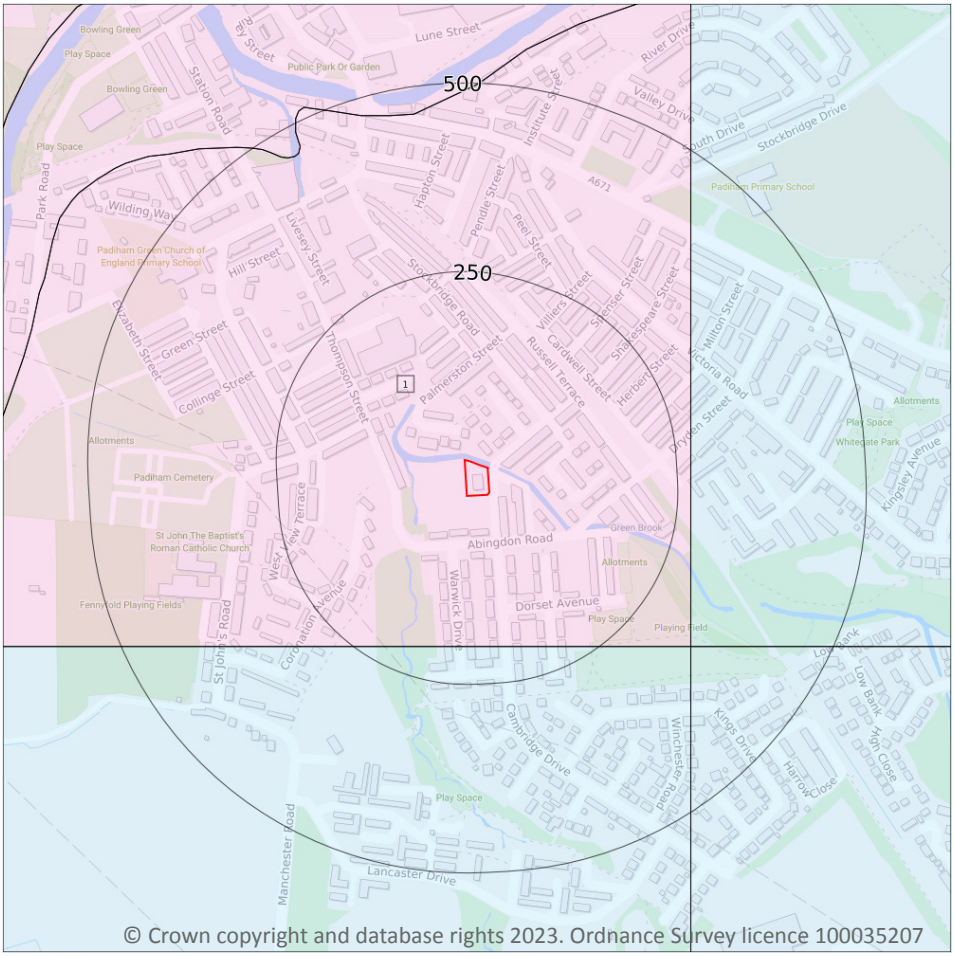
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 48 >**

ID	Location	Designation	Description
1	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
2	267m E	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.

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

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

Bedrock vulnerability

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

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	1

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 50 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	**Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: Low Infiltration value: >70% Dilution value: >550mm/year**	**Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures**

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	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	6

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 52 >**

ID	Location	Details	
1	60m E	Status: Historical Licence No: 2671331019 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PADIHAM Data Type: Point Name: PERSEVERENCE MILLS LTD Easting: 379790 Northing: 433250	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 16/08/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 16/08/2002 Version End Date: -
-	1916m W	Status: Active Licence No: 2671332022 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT SIMONSTONE BUSINESS PARK, BURNLEY Data Type: Point Name: GRANVILLE EXECUTIVE TRUST Easting: 377800 Northing: 433500	Annual Volume (m^3): 87600 Max Daily Volume (m^3): 240 Original Application No: 7275 Original Start Date: 05/05/1994 Expiry Date: - Issue No: 101 Version Start Date: 26/11/2018 Version End Date: -
-	1916m W	Status: Historical Licence No: 2671332022 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT SIMONSTONE BUSINESS PARK, BURNLEY" Data Type: Point Name: THE REAL INDIGO CO LTD Easting: 377800 Northing: 433500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 05/05/1994 Expiry Date: - Issue No: 100 Version Start Date: 05/05/1994 Version End Date: -
-	1975m N	Status: Historical Licence No: 2671330064 Details: General Farming & Domestic Direct Source: Ground Water - North West Region Point: "BOREHOLE AT HIGH WHITTAKER FARM, NORTHTOWN, BURNLEY" Data Type: Point Name: ATKINSON Easting: 380000 Northing: 435200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 02/04/1992 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1999 Version End Date: -

ID	Location	Details	
-	1975m N	Status: Historical Licence No: 2671330064 Details: General Farming & Domestic Direct Source: Ground Water - North West Region Point: BOREHOLE AT HIGH WHITTAKER FARM, NORTHTOWN, BURNLEY Data Type: Point Name: ATKINSON Easting: 380000 Northing: 435200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 02/04/1992 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1999 Version End Date: -
-	1975m N	Status: Historical Licence No: 2671330064 Details: General Farming & Domestic Direct Source: Ground Water - North West Region Point: BOREHOLE AT HIGH WHITTAKER FARM, NORTHTOWN, BURNLEY Data Type: Point Name: ATKINSON Easting: 380000 Northing: 435200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 02/04/1992 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1999 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m **9**

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 52 >**

ID	Location	Details	
-	858m N	Status: Historical Licence No: 2671330063 Details: General use relating to Secondary Category (Medium Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "UNAMED WATERCOURSE AT GOTHIC WORKS, WYRE STREET,PADIHAM." Data Type: Point Name: BAXI HEATING LTD Easting: 379800 Northing: 434100	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 23/05/1979 Expiry Date: - Issue No: 101 Version Start Date: 07/12/1999 Version End Date: -

ID	Location	Details	
-	858m N	Status: Historical Licence No: 2671330063 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: UNAMED WATERCOURSE AT GOTHIC WORKS, WYRE STREET,PADIHAM. Data Type: Point Name: BAXI HEATING LTD Easting: 379800 Northing: 434100	Annual Volume (m^3): 15711 Max Daily Volume (m^3): 65.462 Original Application No: - Original Start Date: 23/05/1979 Expiry Date: - Issue No: 101 Version Start Date: 07/12/1999 Version End Date: -
-	1726m S	Status: Historical Licence No: 2671331007 Details: Process water Direct Source: "Surface, Non-Tidal - North West Region" Point: "IMPOUND RES & DRIFT MINE - SHAW BROOK, HORSE HILL FARM" Data Type: Point Name: WILLIAM BLYTHE LTD Easting: 379400 Northing: 431500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 23/11/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/06/1992 Version End Date: -
-	1726m S	Status: Historical Licence No: 2671331007 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "IMPOUND RES & DRIFT MINE - SHAW BROOK, HORSE HILL FARM" Data Type: Point Name: WILLIAM BLYTHE LTD Easting: 379400 Northing: 431500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 23/11/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/06/1992 Version End Date: -
-	1726m S	Status: Historical Licence No: 2671331007 Details: General use relating to Secondary Category (Medium Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "IMPOUND RES & DRIFT MINE - SHAW BROOK, HORSE HILL FARM" Data Type: Point Name: WILLIAM BLYTHE LTD Easting: 379400 Northing: 431500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 23/11/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/06/1992 Version End Date: -

ID	Location	Details	
-	1726m S	Status: Historical Licence No: 2671331007 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: IMPOUND RES & DRIFT MINE - SHAW BROOK, HORSE HILL FARM Data Type: Point Name: WILLIAM BLYTHE LTD Easting: 379400 Northing: 431500	Annual Volume (m^3): 85578.4 Max Daily Volume (m^3): 1682.02 Original Application No: - Original Start Date: 23/11/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/06/1992 Version End Date: -
-	1726m S	Status: Historical Licence No: 2671331007 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: IMPOUND RES & DRIFT MINE - SHAW BROOK, HORSE HILL FARM Data Type: Point Name: WILLIAM BLYTHE LTD Easting: 379400 Northing: 431500	Annual Volume (m^3): 85578.4 Max Daily Volume (m^3): 1682.02 Original Application No: - Original Start Date: 23/11/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/06/1992 Version End Date: -
-	1726m S	Status: Historical Licence No: 2671331007 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: IMPOUND RES & DRIFT MINE - SHAW BROOK, HORSE HILL FARM Data Type: Point Name: WILLIAM BLYTHE LTD Easting: 379400 Northing: 431500	Annual Volume (m^3): 85578.4 Max Daily Volume (m^3): 1682.02 Original Application No: - Original Start Date: 23/11/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/06/1992 Version End Date: -
-	1934m E	Status: Historical Licence No: 2671331014 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: LEEDS AND LIVERPOOL CANAL,AT ROSE GROVE, BURNLEY. Data Type: Point Name: BRITISH WATERWAYS Easting: 381600 Northing: 432700	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 22/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 30/04/1975 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0

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

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

5.9 Source Protection Zones

Records within 500m	0

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

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

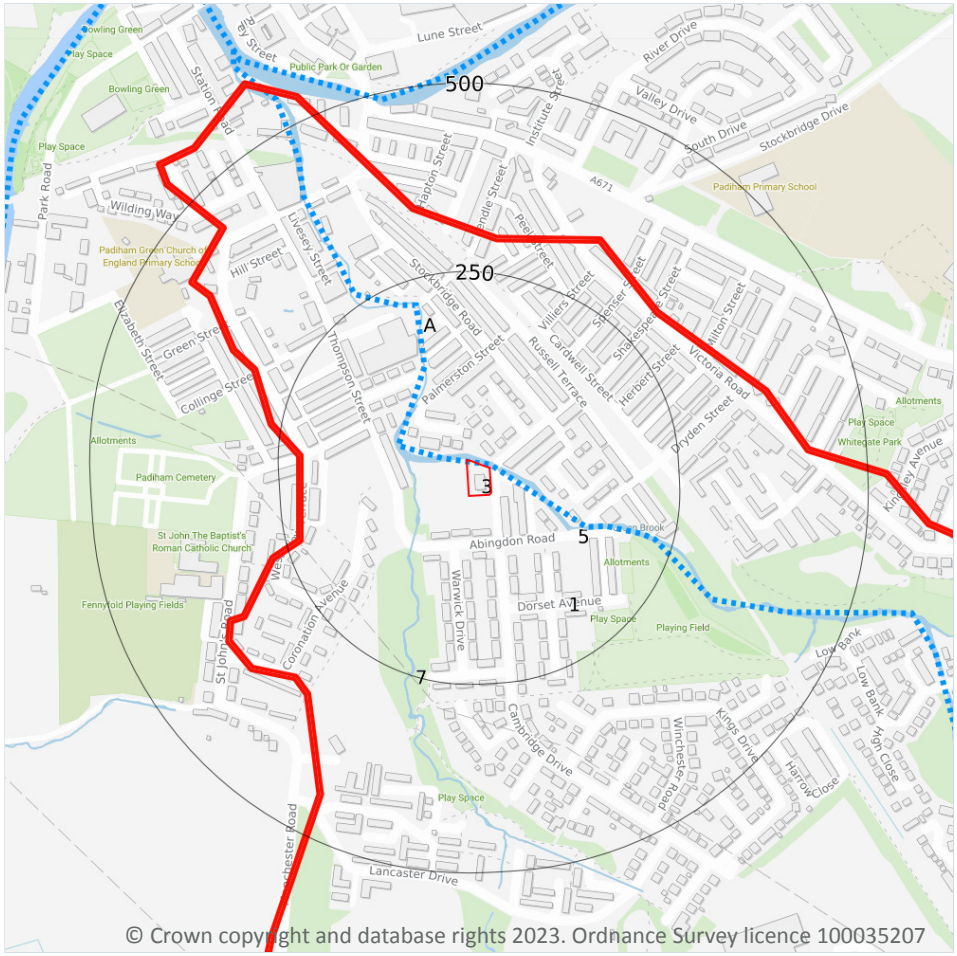
5.10 Source Protection Zones (confined aquifer)

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



6.1 Water Network (OS MasterMap)

Records within 250m	3

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 58 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
5	4m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Green Brook

ID	Location	Type of water feature	Ground level	Permanence	Name
7	68m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Shaw Brook
A	77m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Green Brook

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**4**

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 58 >**

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 58 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	**On site**	**River**	**Green Brook**	**GB112071065080**	**Calder**	**Ribble**

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 58 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	**On site**	**River**	**Green Brook**	**GB112071065080** ↗	**Moderate**	**Fail**	**Good**	**2019**

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

6.5 WFD Groundwater bodies

Records on site	1

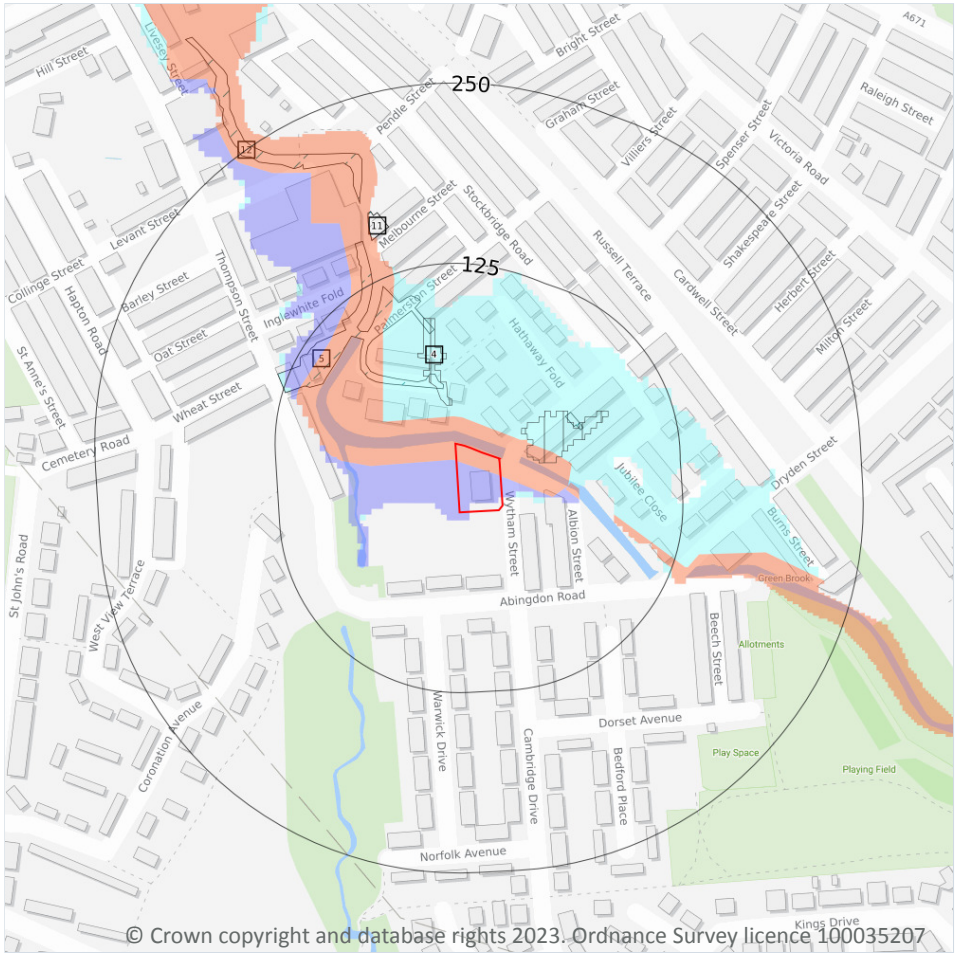
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 58 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
3	**On site**	**Douglas, Darwen and Calder Carboniferous Aquifers**	**GB41202G100300** ↗	**Poor**	**Poor**	**Good**	**2019**

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

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

River and coastal flooding:

- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m	5

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

Features are displayed on the River and coastal flooding map on **page 61 >**

Distance	Flood risk category
On site	**High**
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	**4**

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.

Features are displayed on the River and coastal flooding map on **page 61 >**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
5	39m N	Thompson Street, Padiham	2015-12-26 2015-12-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial
A	54m NE	Shakespeare Street, Padiham	2015-12-26 2015-12-27	Unknown	Unknown	No data
11	152m NW	Melbourne Street, Padiham	2015-12-26 2015-12-27	Unknown	Unknown	No data
12	180m NW	Thompson Street, Padiham	2015-12-26 2015-12-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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	2

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.

Features are displayed on the River and coastal flooding map on **page 61 >**

ID	Location	
A	19m NE	Area benefiting from flood defences
4	27m N	Area benefiting from flood defences

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

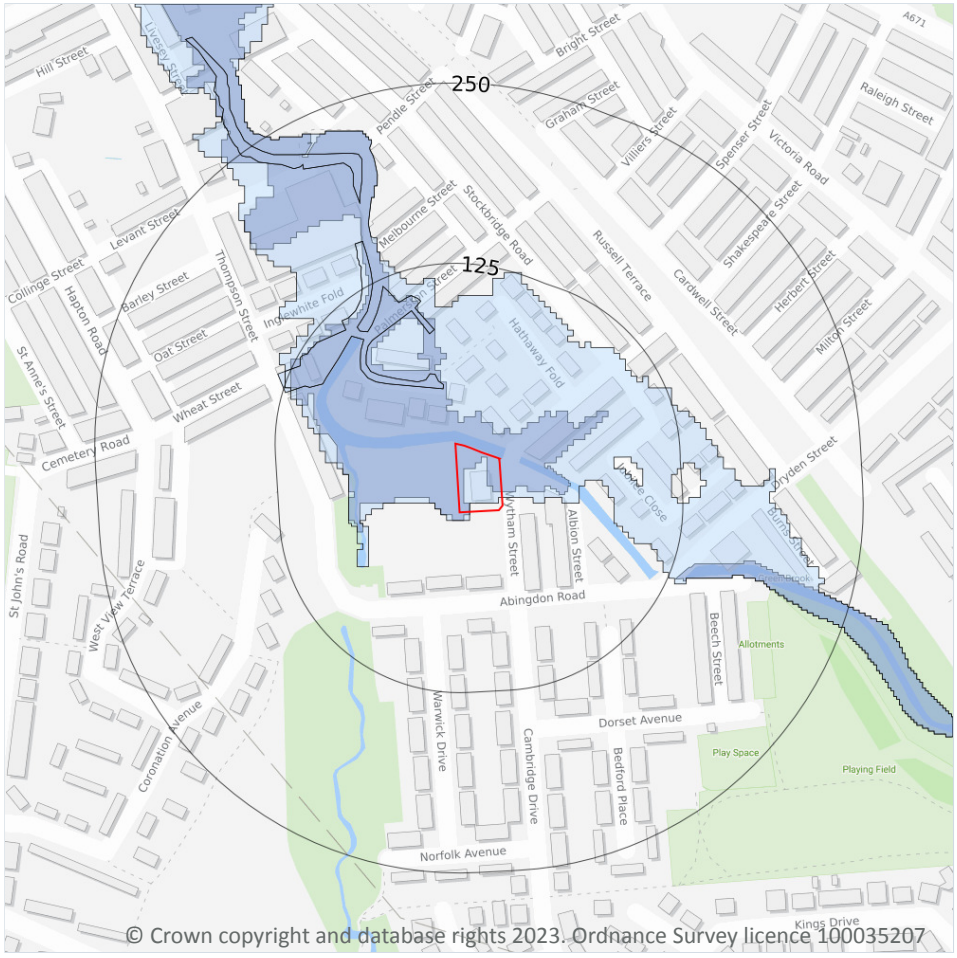
7.5 Flood Storage Areas

Records within 250m	0

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

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

River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 61 >**

Location	Type
On site	**Zone 2 - (Fluvial /Tidal Models)**

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

7.7 Flood Zone 3

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 61 >**

Location	Type
On site	**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 30 year, 0.3m - 1.0m**
Highest risk within 50m	**1 in 30 year, 0.3m - 1.0m**

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

Features are displayed on the Surface water flooding map on **page 66 >**

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	Greater than 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding

9.1 Groundwater flooding

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

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

Features are displayed on the Groundwater flooding map on **page 68 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations

Site Outline

Search buffers in metres (m)

Local Nature Reserves (LNR)

Designated Ancient Woodland

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	1

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.

Features are displayed on the Environmental designations map on **page 69 >**

ID	Location	Name	Data source
3	857m E	Lowerhouse Lodges	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m	2

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

Features are displayed on the Environmental designations map on **page 69 >**

ID	Location	Name	Woodland Type
4	985m SW	Shuttleworth Wood	Ancient Replanted Woodland
-	1980m W	Unknown	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m	0

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

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

10.9 Forest Parks

Records within 2000m	0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

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

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

10.11 Green Belt

Records within 2000m	5

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

Features are displayed on the Environmental designations map on **page 69 >**

ID	Location	Name	Local Authority name
1	373m SW	Merseyside and Greater Manchester	Burnley
2	410m NE	Merseyside and Greater Manchester	Burnley
-	1703m W	Merseyside and Greater Manchester	Ribble Valley
-	1773m NE	Merseyside and Greater Manchester	Pendle
-	1786m W	Merseyside and Greater Manchester	Hyndburn

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

10.12 Proposed Ramsar sites

Records within 2000m	0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

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

This data is sourced from Natural England.

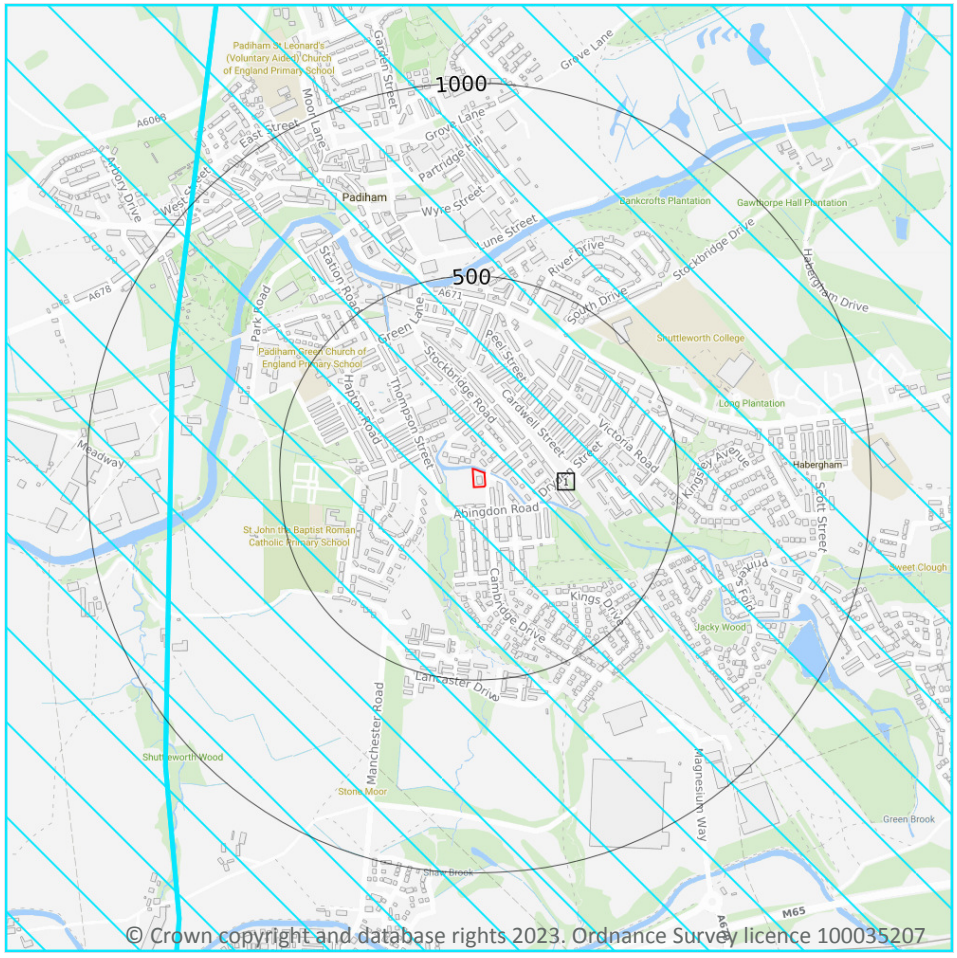
10.16 Nitrate Vulnerable Zones

Records within 2000m	0

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

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

SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

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

10.17 SSSI Impact Risk Zones

Records on site	1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 74 >**

ID	Location	Type of developments requiring consultation
1	On site	**Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m². Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.**

This data is sourced from Natural England.

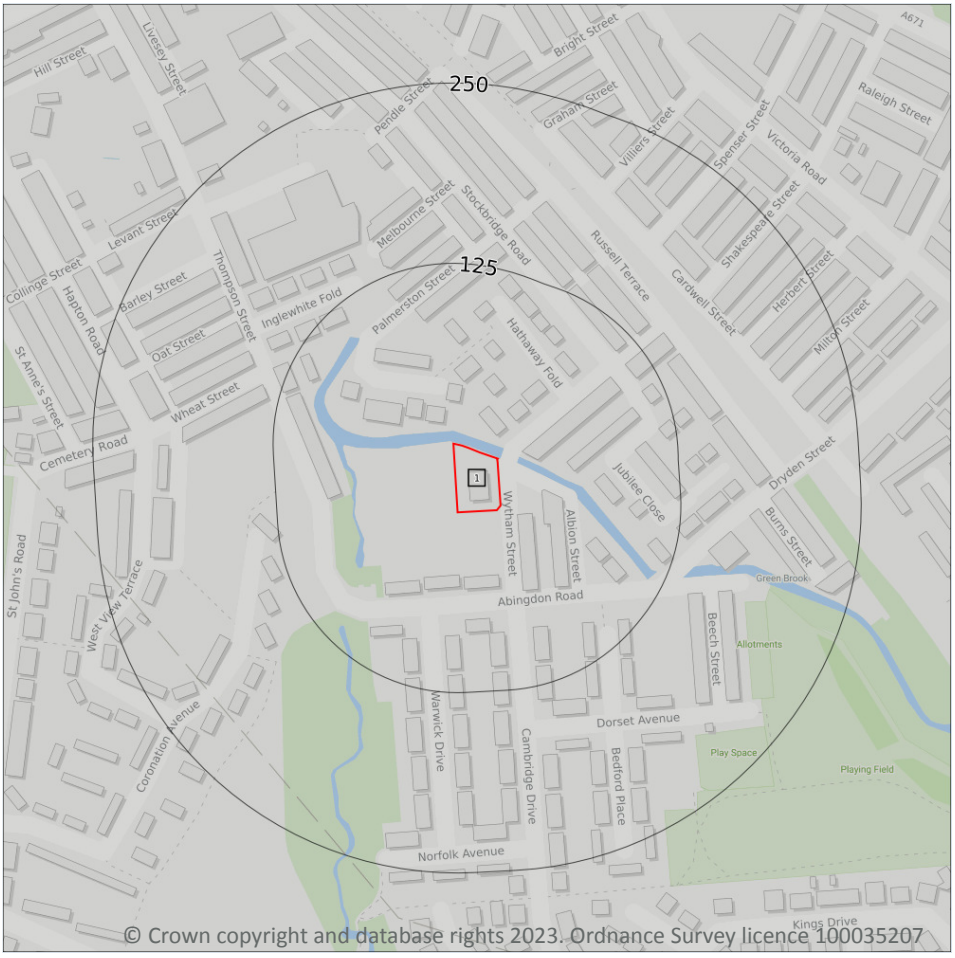
10.18 SSSI Units

Records within 2000m	0

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

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

11 Visual and cultural designations



Site Outline

Search buffers in metres (m)

- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

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

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

11.3 National Parks

Records within 250m	0

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

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

11.4 Listed Buildings

Records within 250m	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	1

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

Features are displayed on the Visual and cultural designations map on **page 76 >**

ID	Location	Name	District	Date of designation
1	**On site**	**The Local Authority for this area have not supplied conservation area data.**		**-**

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.

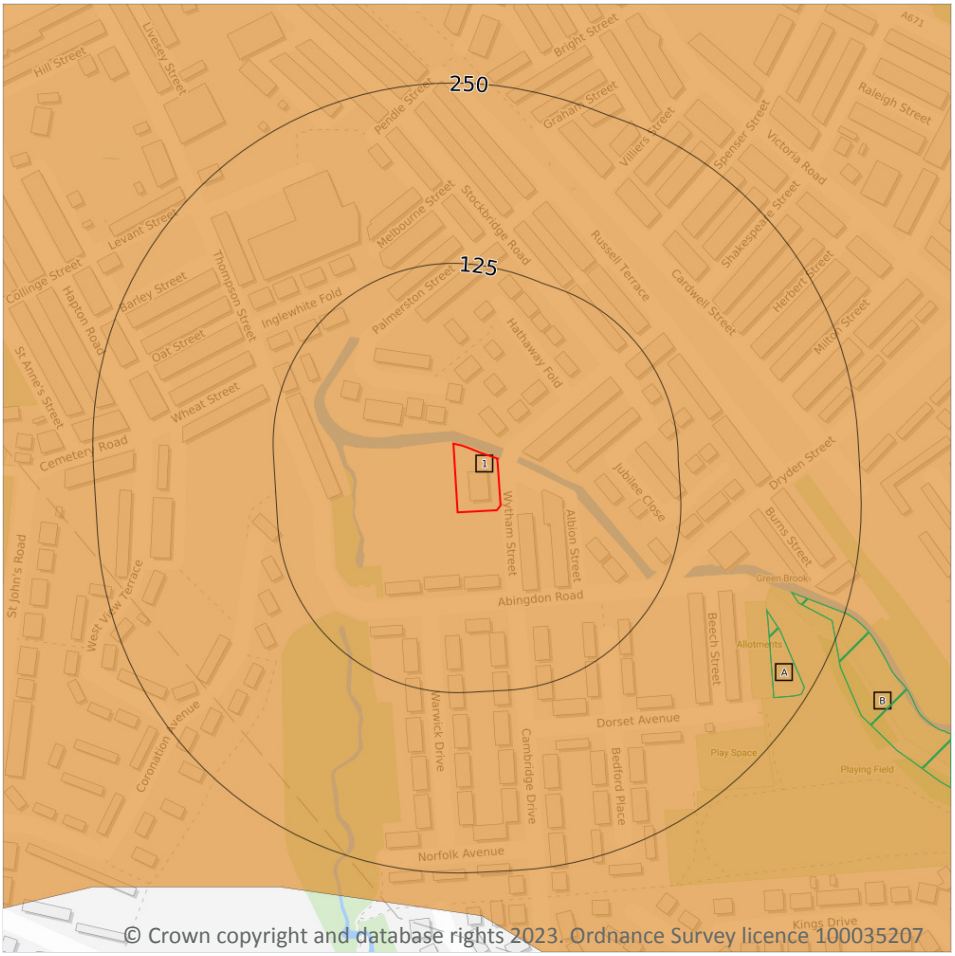
11.7 Registered Parks and Gardens

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



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 79 >**

ID	Location	Classification	Description
1	On site	Grade 3	**Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.**

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0

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

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

12.3 Tree Felling Licences

Records within 250m	4

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.

Features are displayed on the Agricultural designations map on **page 79 >**

ID	Location	Description	Reference	Application date
A	198m SE	Selective Fell/Thin (Unconditional)	010/231/10-11	24/02/2011
A	198m SE	Selective Fell/Thin (Unconditional)	010/140/12-13	30/11/2012
B	211m E	Selective Fell/Thin (Unconditional)	010/231/10-11	24/02/2011
B	211m E	Selective Fell/Thin (Unconditional)	010/140/12-13	30/11/2012

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	0

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

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m	5

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 82 >**

ID	Location	Main Habitat	Other habitats
2	97m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	197m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	203m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	236m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
7	245m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	1

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.

Features are displayed on the Habitat designations map on **page 82 >**

ID	Location	Type	Habitat
4	197m SW	Network Enhancement Zone 2	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	1

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.

Features are displayed on the Habitat designations map on **page 82 >**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	31m E	NLUD Ref: 231500094	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	-

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

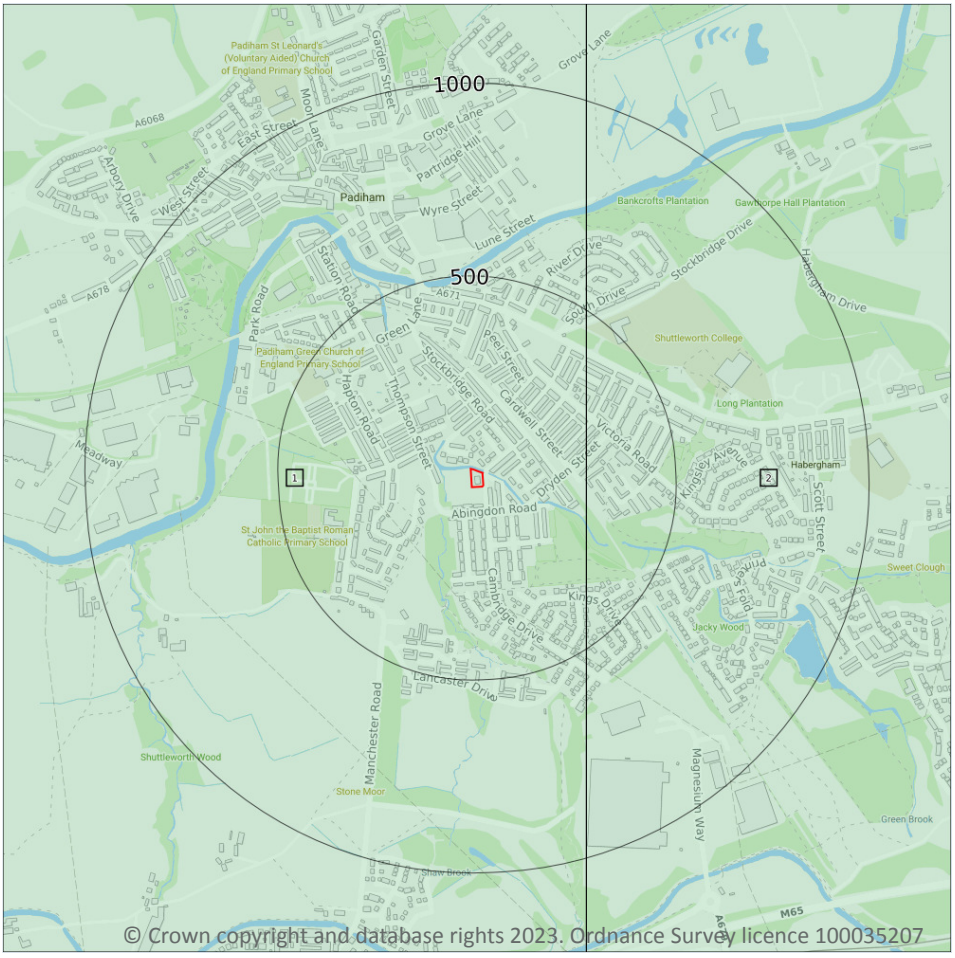
Records within 250m	0

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	2

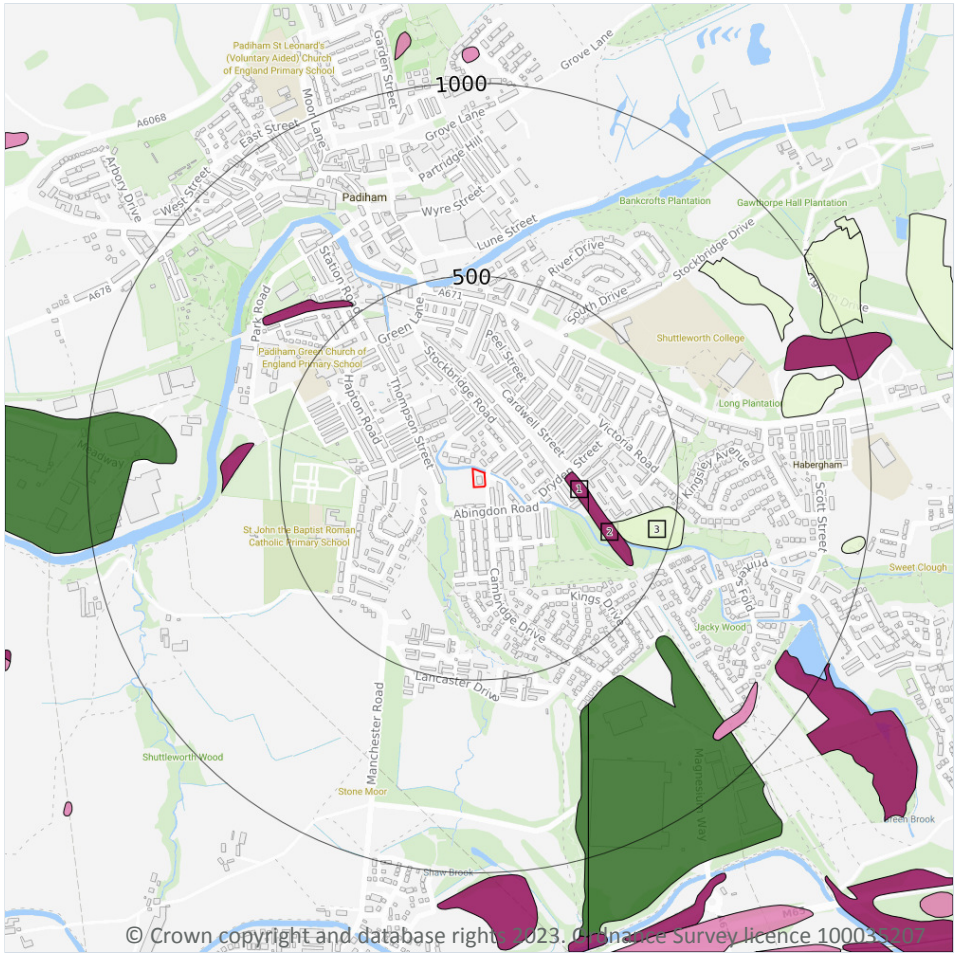
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 85 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**SD73SE**
2	267m E	Full	Full	Full	No coverage	SD83SW

This data is sourced from the British Geological Survey.

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



Site Outline

Search buffers in metres (m)

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

14.2 Artificial and made ground (10k)

Records within 500m	3

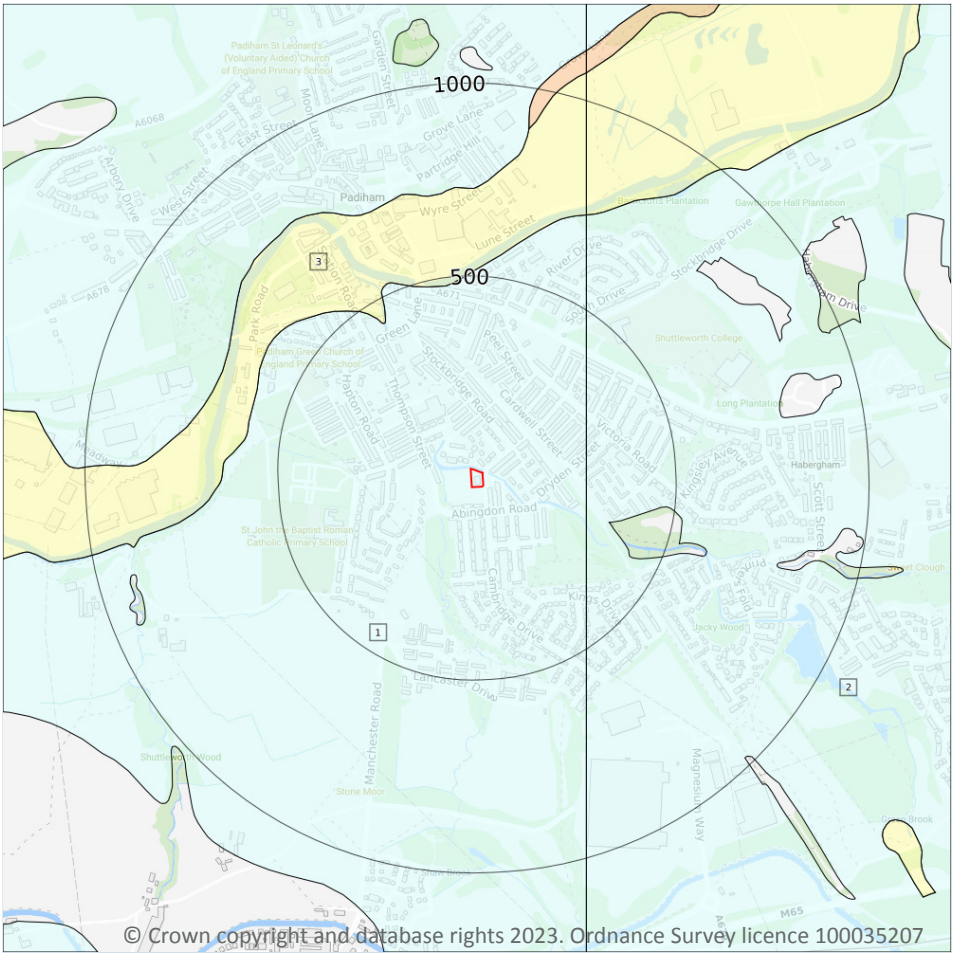
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 86 >**

ID	Location	LEX Code	Description	Rock description
1	207m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	268m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	340m E	WMGR-ARTDP	Infilled Ground	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m **3**

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 87 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**TILLD-DMTN**	**Till, Devensian - Diamicton**	**Diamicton**
2	267m E	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
3	439m NW	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel

This data is sourced from the British Geological Survey.

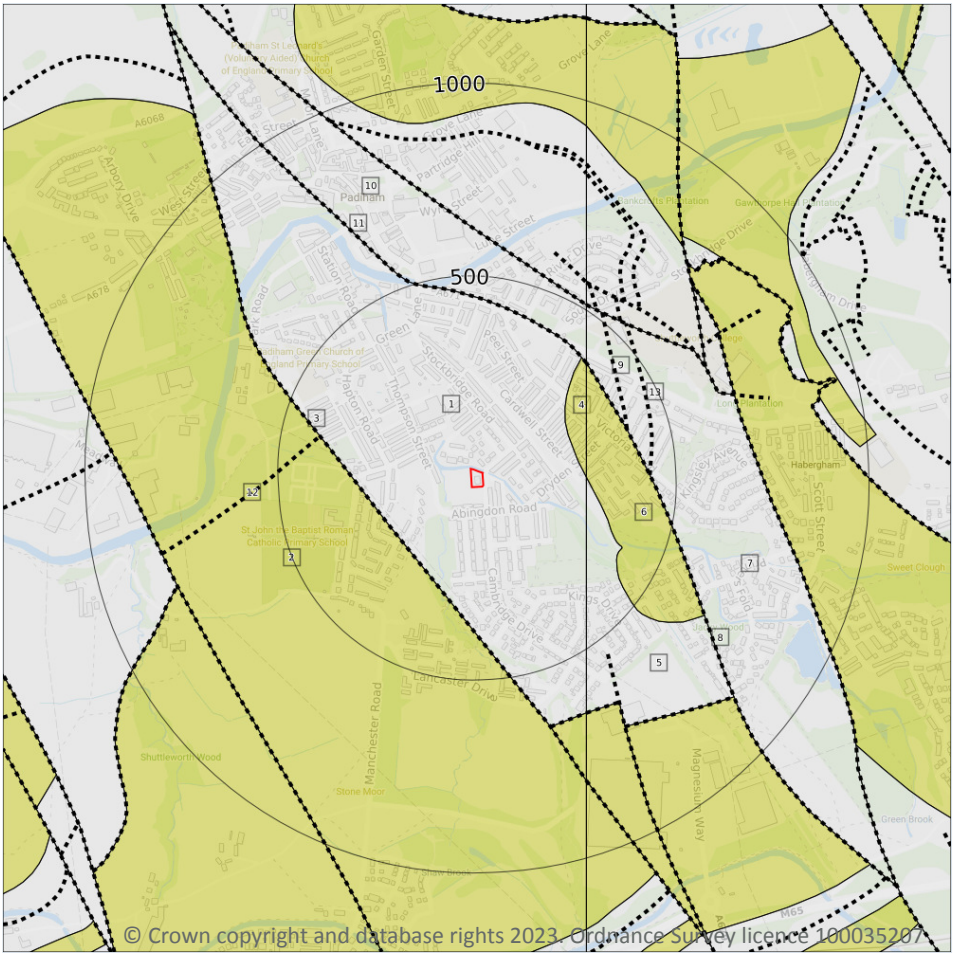
14.4 Landslip (10k)

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 **7**

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 89 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**PLCM-MDSS**	**Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone**	**Langsettian Sub-age**
2	229m SW	DNDY-SDST	Dandy Rock - Sandstone	Langsettian Sub-age
4	242m NE	PLCM-SDST	Pennine Lower Coal Measures Formation - Sandstone	Langsettian Sub-age

ID	Location	LEX Code	Description	Rock age
5	267m E	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
6	268m E	PLCM-SDST	Pennine Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
7	379m NE	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
10	392m NE	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**6**

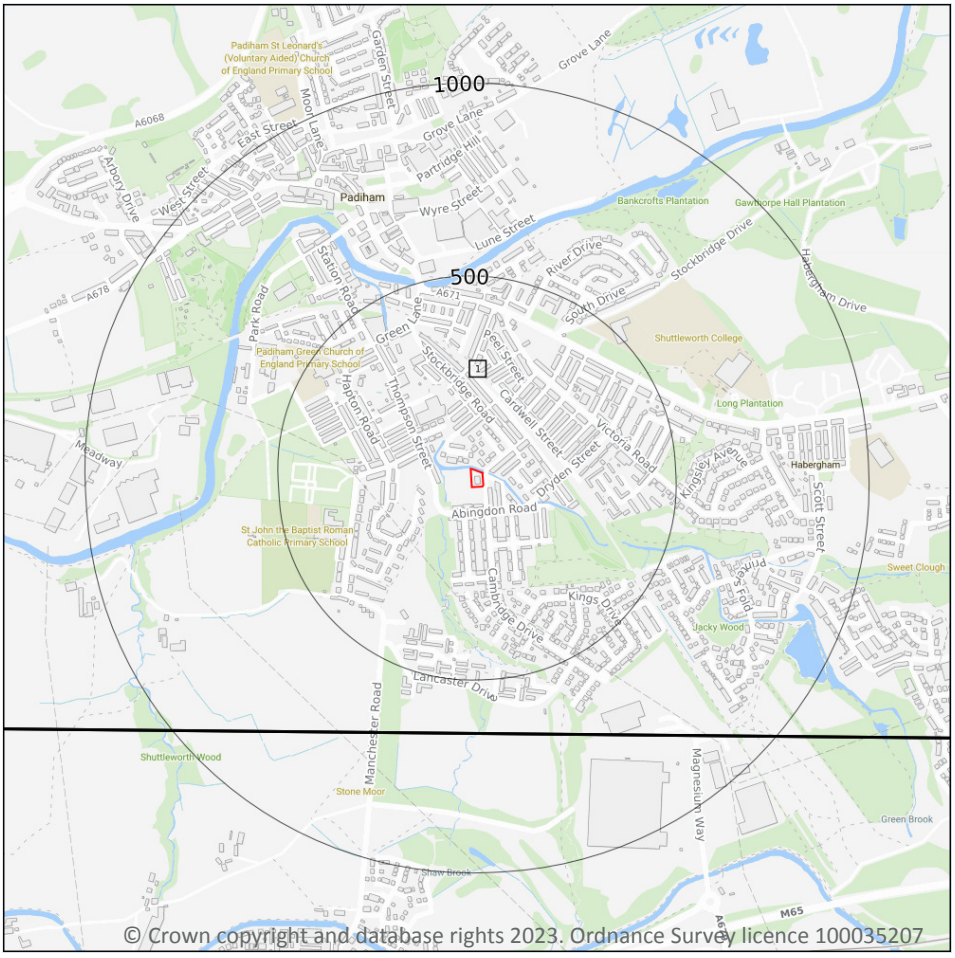
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 89 >**

ID	Location	Category	Description
3	229m SW	FAULT	Normal fault, inferred
8	379m NE	FAULT	Normal fault, inferred
9	391m E	ROCK	Coal seam, inferred
11	392m NE	FAULT	Normal fault, inferred
12	400m W	FOLD_AXIS	Axial plane trace of major syncline
13	433m E	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 91 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**No coverage**	**Full**	**Full**	**Full**	**EW068_clitheroe_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.

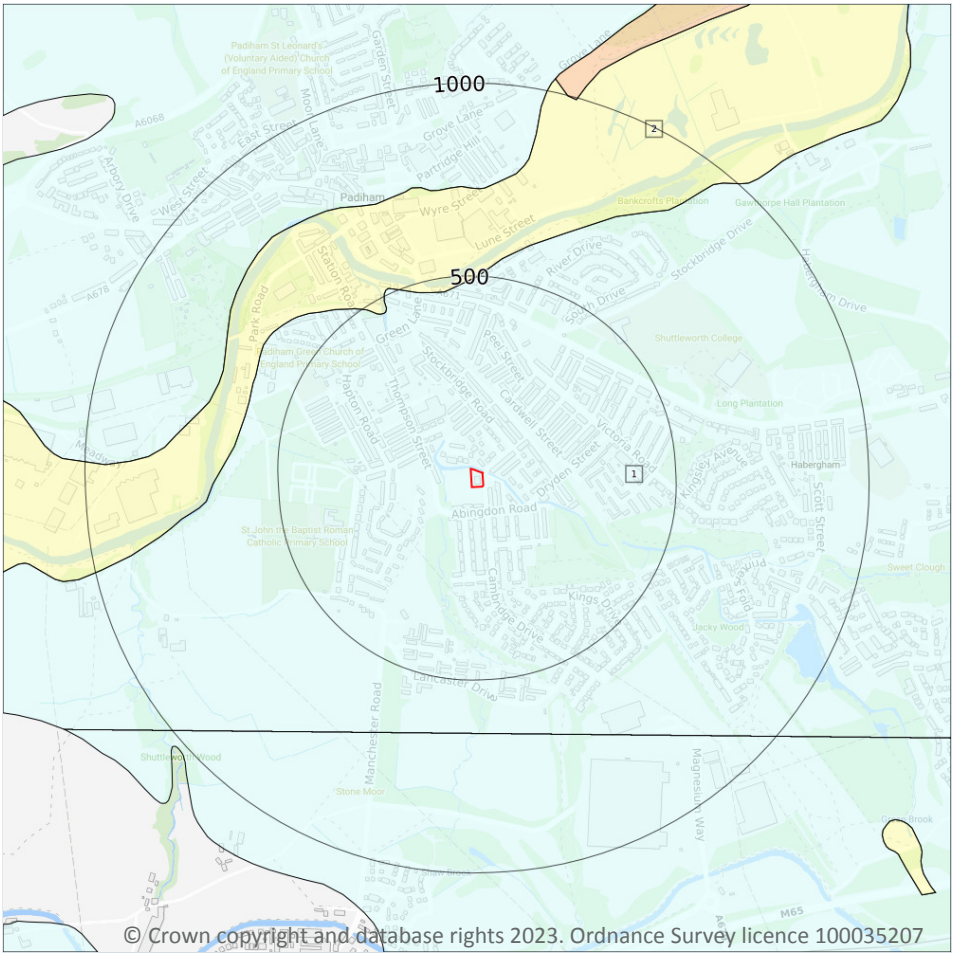
15.3 Artificial ground permeability (50k)

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	2

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

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

ID	Location	LEX Code	Description	Rock description
1	**On site**	**TILLD-DMTN**	**TILL, DEVENSIAN**	**DIAMICTON**
2	461m NW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	1

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

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

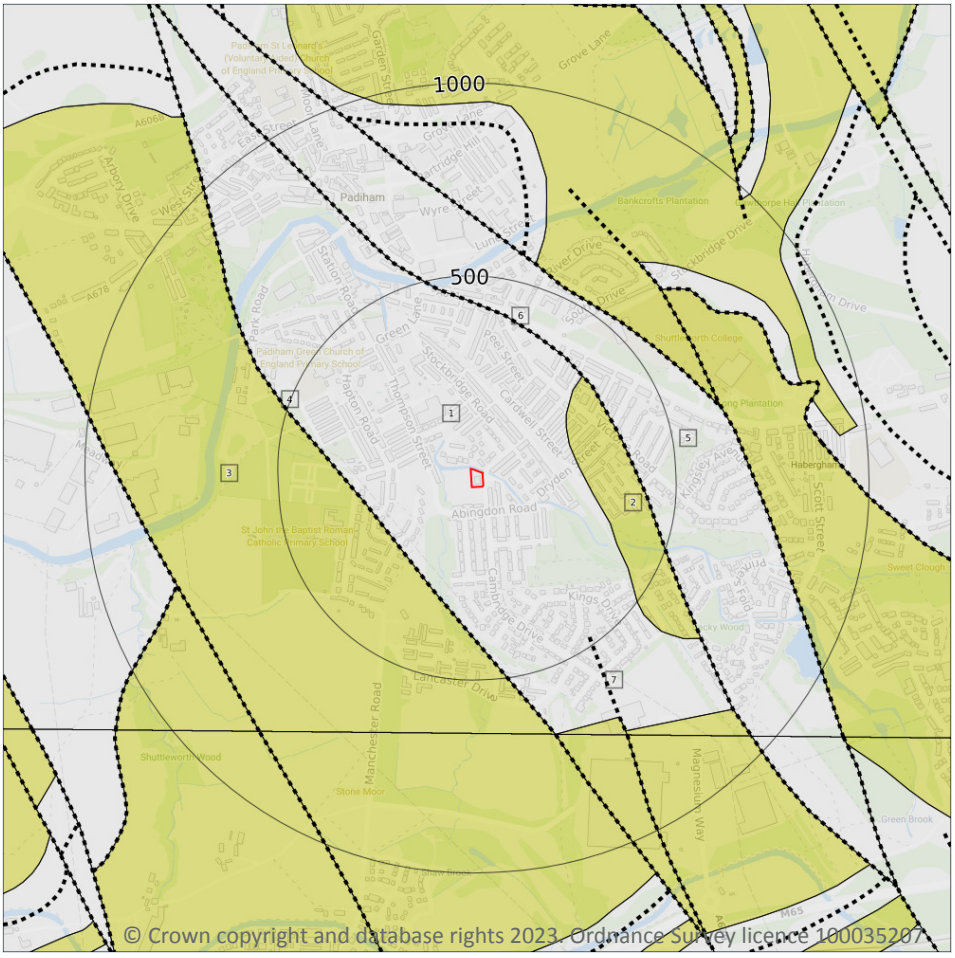
15.7 Landslip permeability (50k)

Records within 50m	0

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



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 **4**

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

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

ID	Location	LEX Code	Description	Rock age
1	**On site**	**PLCM-MDSS**	**PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
2	237m E	PLCM-SDST	PENNINE LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
3	243m SW	DNDY-SDST	DANDY ROCK - SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
5	358m NE	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

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	**Fracture**	**Moderate**	**Low**

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**3**

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

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

ID	Location	Category	Description
4	243m SW	FAULT	Fault, inferred
6	358m NE	FAULT	Fault, inferred
7	479m SE	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.

16 Boreholes

16.1 BGS Boreholes

Records within 250m	11

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

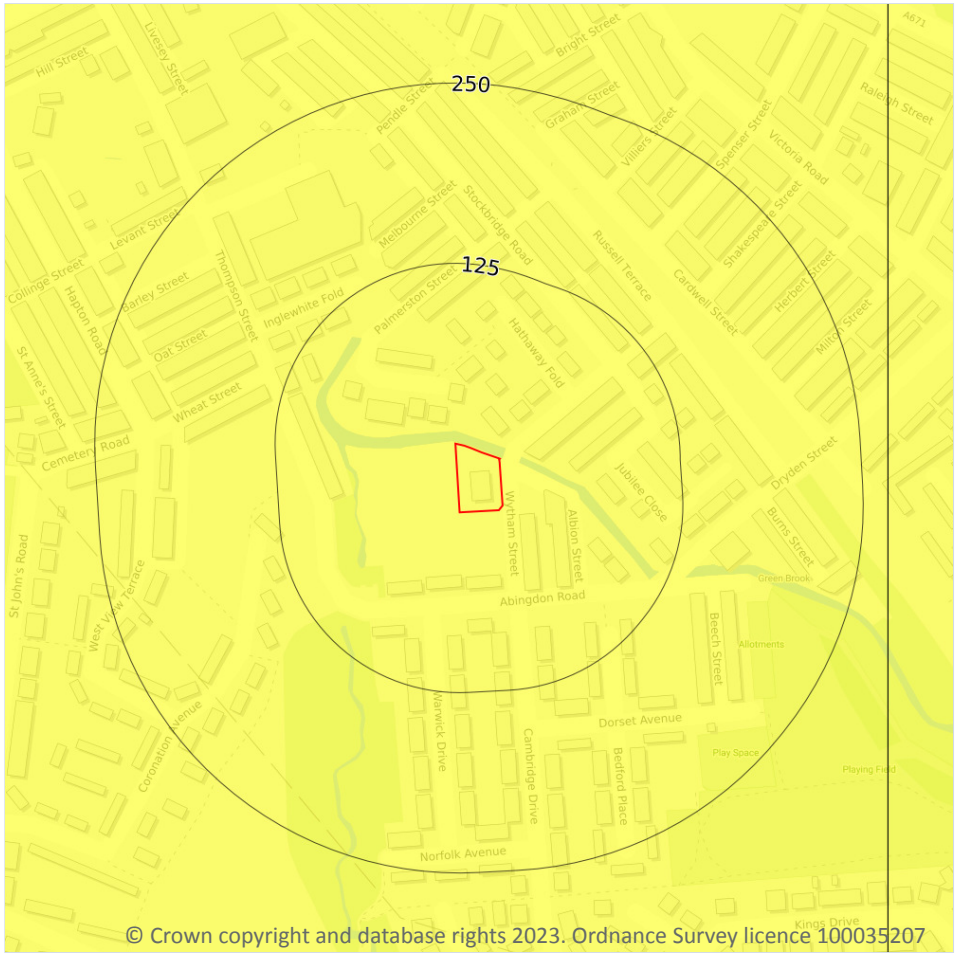
Features are displayed on the Boreholes map on **page 97 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	60m E	379790 433250	ALBION MILL, PADIHAM	80.0	N	1136898 ↗
2	199m SW	379600 433030	HAPTON OUTFALL SEWER 1	10.0	N	25958 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH7	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH6	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH1	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH4	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH5	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH7A	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH3A	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH2	-	Y	N/A
A	234m SE	379900 433040	DORSET AVENUE BURNLEY BH3	-	Y	N/A

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m	1

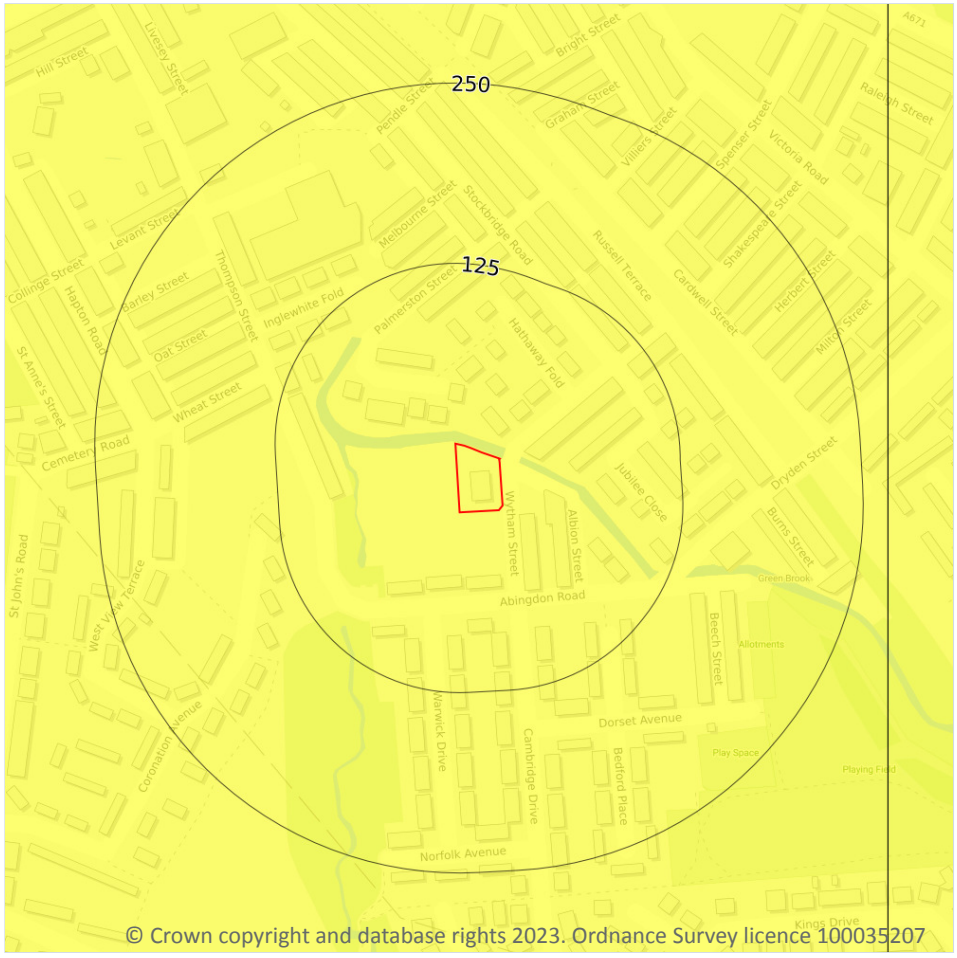
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

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

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m	1

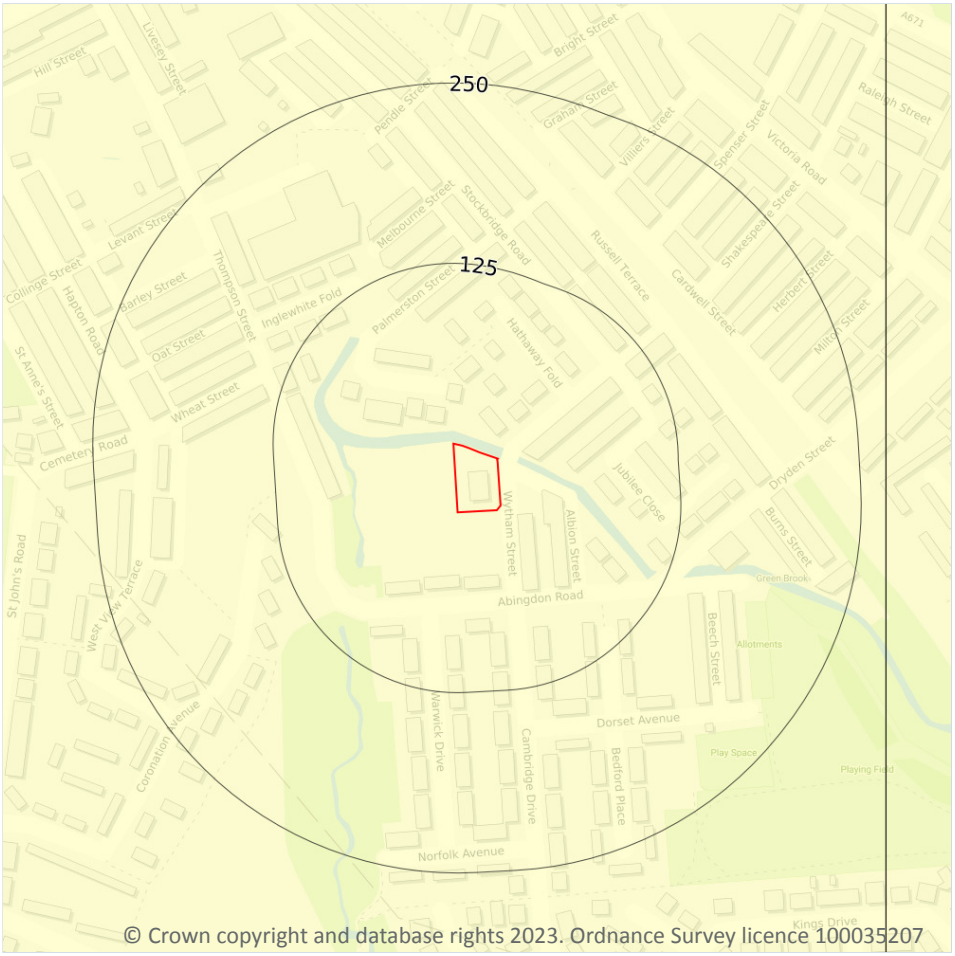
The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

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

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m	1

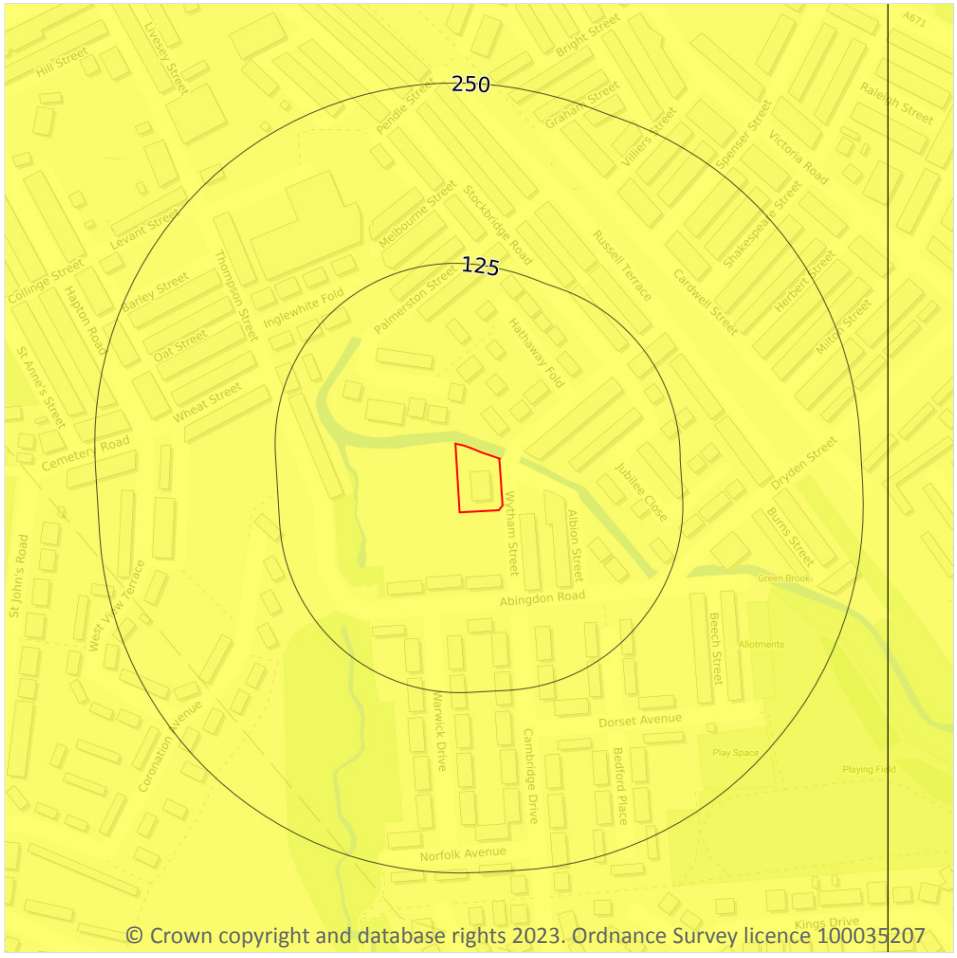
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 101 >**

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



17.4 Collapsible deposits

Records within 50m	1

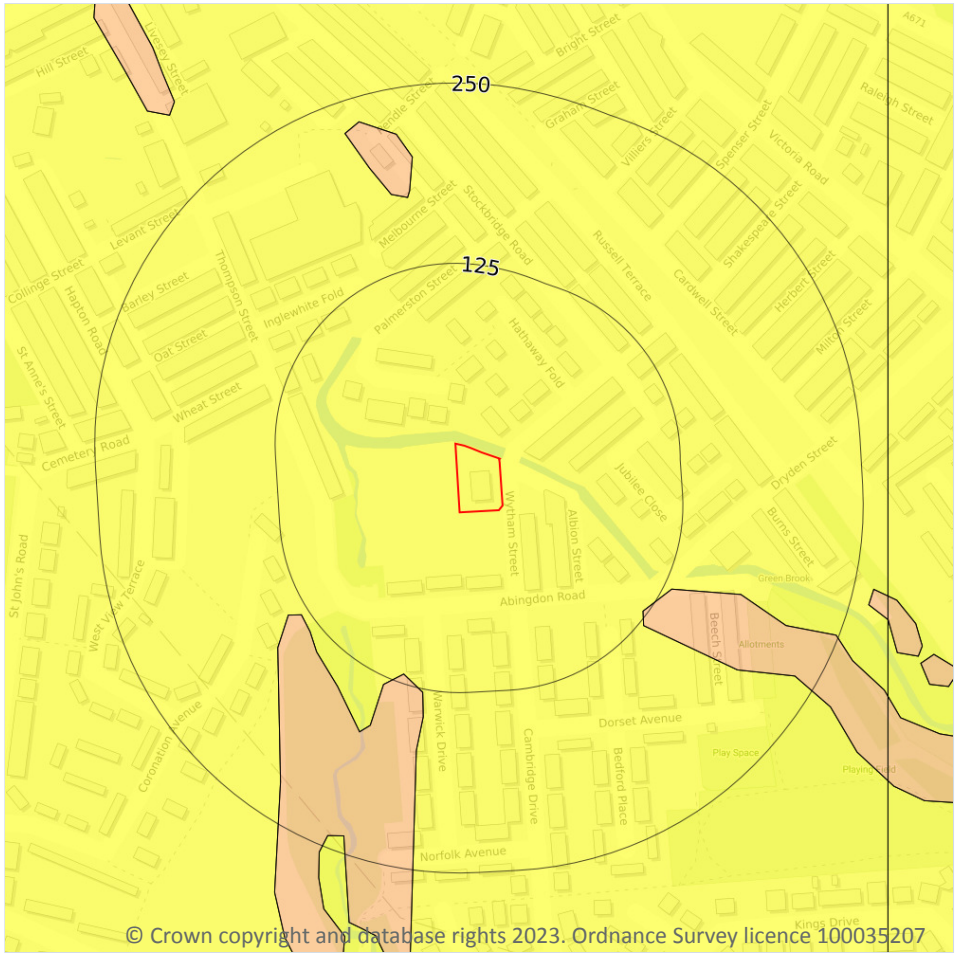
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

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

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

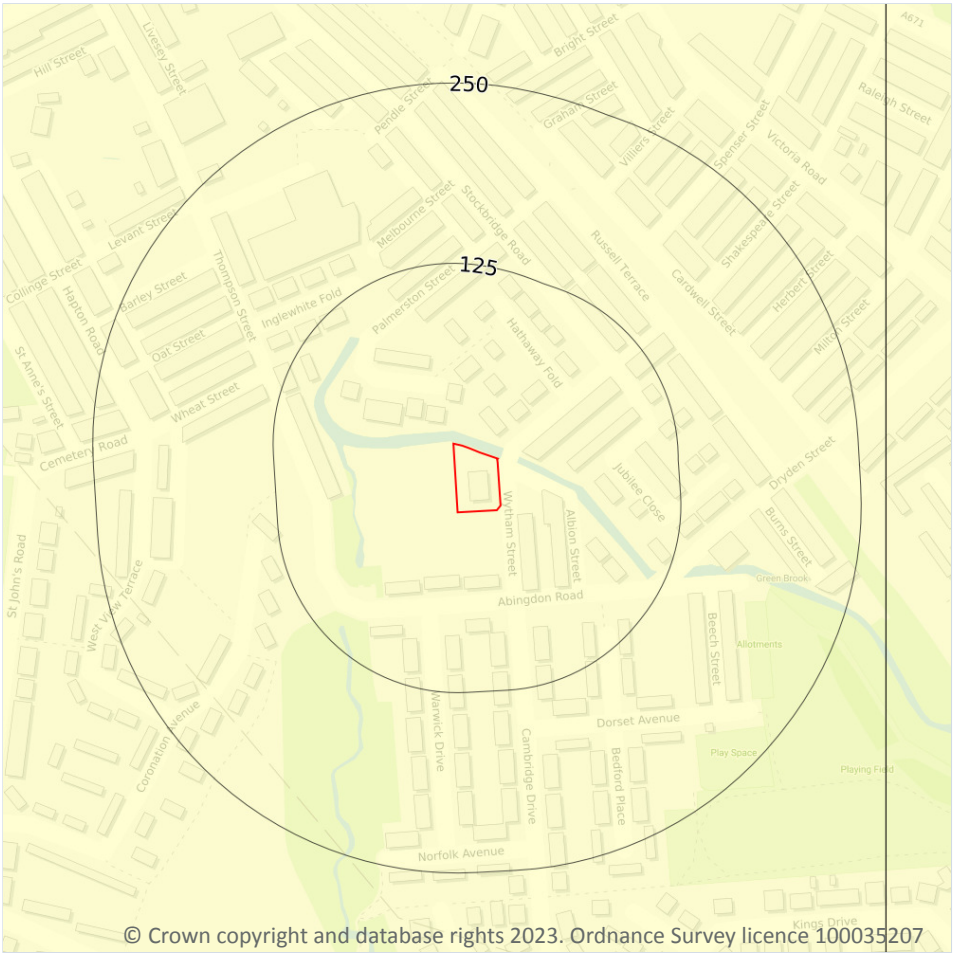
The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 103 >**

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

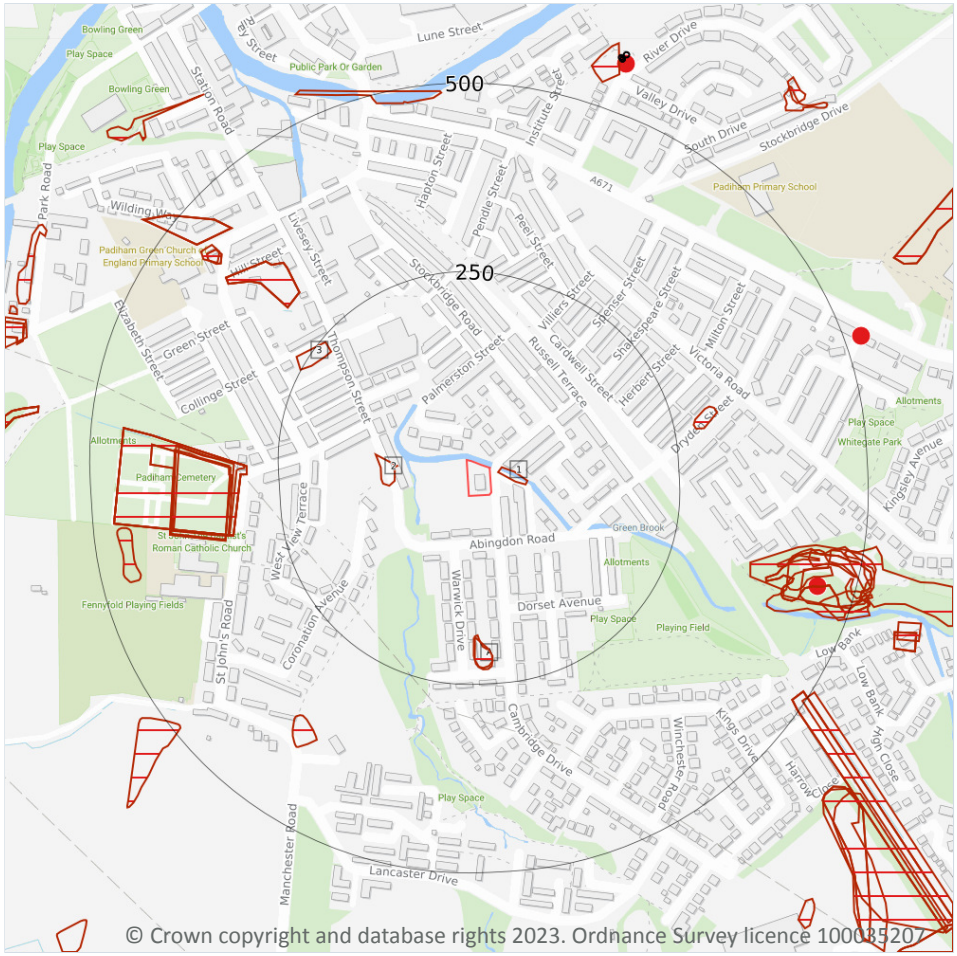
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 104 >**

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

This data is sourced from the British Geological Survey.

18 Mining and ground workings



Site Outline

Search buffers in metres (m)

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

Non Coal Mining

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

18.1 BritPits

Records within 500m	1

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

Features are displayed on the Mining and ground workings map on **page 106 >**

ID	Location	Details	Description
D	449m E	Name: Lumb Quarry Address: Habergham, PADIHAM, Lancashire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m **5**

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

Features are displayed on the Mining and ground workings map on **page 106 >**

ID	Location	Land Use	Year of mapping	Mapping scale
1	11m E	Pond	1950	1:10560
2	92m W	Unspecified Pit	1892	1:10560
A	185m S	Unspecified Pit	1929	1:10560
A	189m S	Unspecified Pit	1909	1:10560
3	230m NW	Unspecified Heap	1965	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m **32**

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

Features are displayed on the Mining and ground workings map on **page 106 >**

ID	Location	Land Use	Year of mapping	Mapping scale
G	566m N	Unspecified Shaft	1910	1:10560
G	566m N	Unspecified Old Shaft	1929	1:10560
G	568m N	Unspecified Old Shaft	1938	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
G	573m N	Unspecified Old Shaft	1950	1:10560
-	739m NE	Unspecified Old Shafts	1929	1:10560
-	739m NE	Unspecified Old Shafts	1910	1:10560
-	739m NE	Unspecified Old Shafts	1891	1:10560
-	751m NE	Unspecified Disused Shafts	1965	1:10560
-	751m NE	Unspecified Old Shafts	1938	1:10560
-	754m NE	Unspecified Old Shafts	1950	1:10560
-	757m NE	Unspecified Old Shafts	1929	1:10560
-	757m NE	Unspecified Old Shafts	1910	1:10560
-	757m NE	Unspecified Old Shafts	1891	1:10560
-	767m NE	Unspecified Old Shafts	1938	1:10560
-	767m NE	Unspecified Disused Shafts	1965	1:10560
-	776m E	Colliery	1938	1:10560
-	776m E	Colliery	1929	1:10560
-	776m E	Colliery	1910	1:10560
-	810m E	Tunnel	1910	1:10560
-	815m E	Unspecified Level	1938	1:10560
-	815m E	Unspecified Level	1929	1:10560
-	815m E	Coal Level	1910	1:10560
-	894m W	Unspecified Old Shaft	1950	1:10560
-	898m W	Old Coal Shaft	1909	1:10560
-	898m W	Unspecified Old Shaft	1938	1:10560
-	898m W	Unspecified Old Shaft	1929	1:10560
-	914m SE	Unspecified Disused Shaft	1988	1:10000
-	914m SE	Unspecified Disused Shaft	1974	1:10000
-	914m SE	Unspecified Disused Shaft	1965	1:10560
-	914m SE	Unspecified Disused Shaft	1986	1:10000
-	921m SE	Coal Pit	1891	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
-	983m E	Colliery	1891	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

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

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	0

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

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

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

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

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

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	1

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

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

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

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

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

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0

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

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

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m	0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m	0

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

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

This data is sourced from Groundsure.

19.5 National karst database

Records within 500m	0

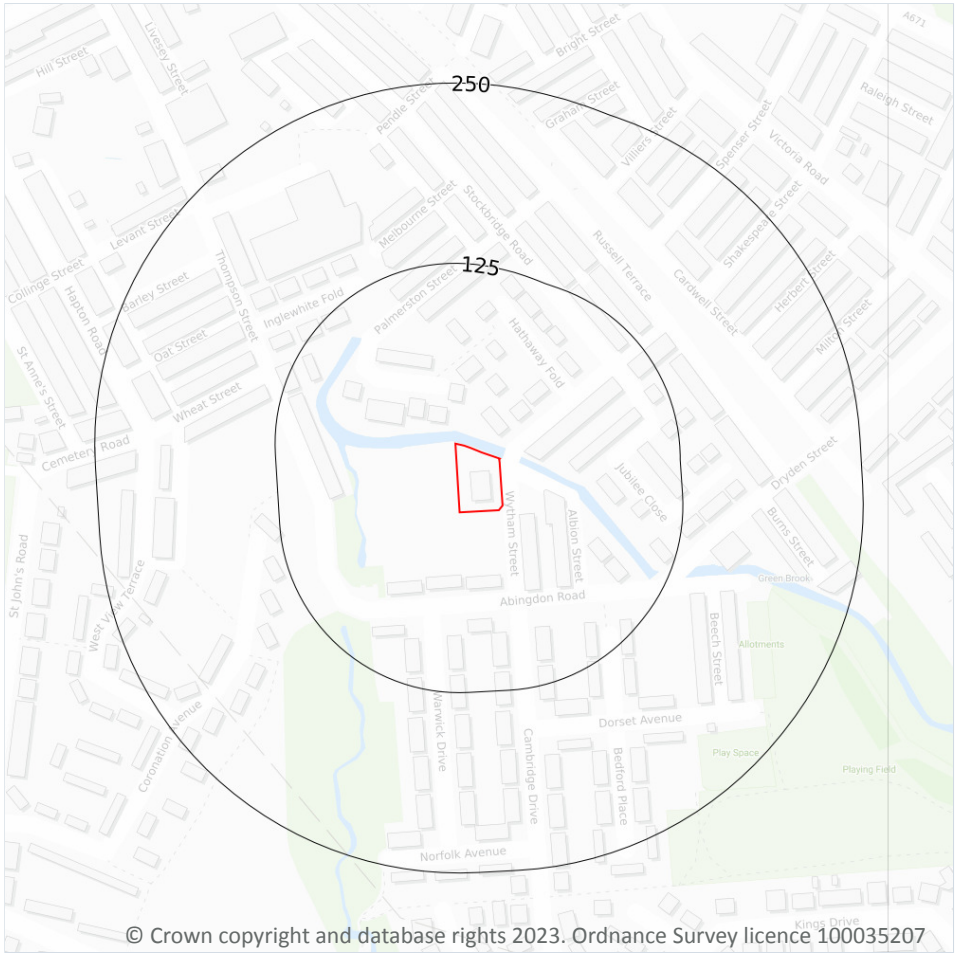
This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

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



Site Outline

Search buffers in metres (m)

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

20.1 Radon

Records on site	1

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

Features are displayed on the Radon map on **page 114 >**

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	1

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

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

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

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

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects

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	2

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

Features are displayed on the Railway infrastructure and projects map on **page 117 >**

Location	Land Use	Year of mapping	Mapping scale
172m NE	Railway	1893	-
181m NE	Railway	1912	-

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	4

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

Features are displayed on the Railway infrastructure and projects map on **page 117 >**

Location	Description
169m NE	Abandoned
170m NE	Abandoned
211m E	Abandoned
217m E	Abandoned

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/ ↗.