Groundsure
LOCATION INTELLIGENCE

Enviro+Geo Insight

18, KINGSLEY AVENUE, CROSLAND MOOR, HUDDERSFIELD, HD1 3SR

Order Details

Date: 10/03/2023

Your ref: RBG342

Our Ref: GS-9413387

Site Details

Location: 413201 415664

Area: 1.02 ha

Authority: Kirklees Council

© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

Summary of findings p. 2

Aerial image p. 8

OS MasterMap site plan p.12

groundsure.com/insightuserguide

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

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	Historical industrial land uses	10	6	34	33	-
17	1.2	Historical tanks	0	0	6	10	-
18	1.3	Historical energy features	0	0	6	19	-
19	1.4	Historical petrol stations	0	0	0	0	-
19	1.5	Historical garages	0	0	8	8	-
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	17	8	53	48	-
26	2.2	Historical tanks	0	0	8	13	-
27	2.3	Historical energy features	0	0	12	41	-
29	2.4	Historical petrol stations	0	0	0	0	-
30	2.5	Historical garages	0	0	12	11	-
Page	**Section**	**Waste and landfill**	**On site**	**0-50m**	**50-250m**	**250-500m**	**500-2000m**
32	3.1	Active or recent landfill	0	0	0	0	-
32	3.2	Historical landfill (BGS records)	0	0	0	0	-
33	3.3	Historical landfill (LA/mapping records)	0	0	0	1	-
33	3.4	Historical landfill (EA/NRW records)	0	0	0	1	-
33	3.5	Historical waste sites	0	0	0	3	-
34	3.6	Licensed waste sites	0	0	0	3	-
35	3.7	Waste exemptions	0	2	0	12	-
Page	**Section**	**Current industrial land use**	**On site**	**0-50m**	**50-250m**	**250-500m**	**500-2000m**
37	4.1	Recent industrial land uses	0	0	19	-	-
39	4.2	Current or recent petrol stations	0	0	0	2	-
39	4.3	Electricity cables	0	0	0	0	-
39	4.4	Gas pipelines	0	0	0	0	-
39	4.5	Sites determined as Contaminated Land	0	0	0	0	-

39	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
40	4.7	Regulated explosive sites	0	0	0	0	-
40	4.8	Hazardous substance storage/usage	0	0	0	0	-
40	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
40	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
40	**4.11**	**Licensed pollutant release (Part A(2)/B)**	0	0	1	4	-
41	**4.12**	**Radioactive Substance Authorisations**	0	0	0	3	-
42	**4.13**	**Licensed Discharges to controlled waters**	0	0	6	30	-
48	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
48	4.15	Pollutant release to public sewer	0	0	0	0	-
48	4.16	List 1 Dangerous Substances	0	0	0	0	-
48	4.17	List 2 Dangerous Substances	0	0	0	0	-
48	**4.18**	**Pollution Incidents (EA/NRW)**	0	1	0	4	-
49	4.19	Pollution inventory substances	0	0	0	0	-
49	4.20	Pollution inventory waste transfers	0	0	0	0	-
50	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
51	**5.1**	**Superficial aquifer**	Identified (within 500m)				
52	**5.2**	**Bedrock aquifer**	Identified (within 500m)				
53	**5.3**	**Groundwater vulnerability**	Identified (within 50m)				
54	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
54	5.5	Groundwater vulnerability- local information	None (within 0m)				
55	**5.6**	**Groundwater abstractions**	0	0	0	0	16
59	**5.7**	**Surface water abstractions**	0	0	0	1	27
66	**5.8**	**Potable abstractions**	0	0	0	0	3
67	5.9	Source Protection Zones	0	0	0	0	-
67	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
68	6.1	Water Network (OS MasterMap)	0	0	0	-	-

68	6.2	Surface water features	0	0	0	-	-
69	**6.3**	**WFD Surface water body catchments**	1	-	-	-	-
69	**6.4**	**WFD Surface water bodies**	0	0	0	-	-
70	**6.5**	**WFD Groundwater bodies**	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
71	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
71	7.2	Historical Flood Events	0	0	0	-	-
71	7.3	Flood Defences	0	0	0	-	-
72	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
72	7.5	Flood Storage Areas	0	0	0	-	-
73	7.6	Flood Zone 2	None (within 50m)				
73	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
74	**8.1**	**Surface water flooding**	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
76	**9.1**	**Groundwater flooding**	Negligible (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
77	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
78	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
78	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
78	10.4	Special Protection Areas (SPA)	0	0	0	0	0
78	10.5	National Nature Reserves (NNR)	0	0	0	0	0
79	**10.6**	**Local Nature Reserves (LNR)**	0	0	0	0	1
79	**10.7**	**Designated Ancient Woodland**	0	0	0	0	2
79	10.8	Biosphere Reserves	0	0	0	0	0
80	10.9	Forest Parks	0	0	0	0	0
80	10.10	Marine Conservation Zones	0	0	0	0	0
80	**10.11**	**Green Belt**	0	0	0	0	1
80	10.12	Proposed Ramsar sites	0	0	0	0	0

81	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
81	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
81	10.15	Nitrate Sensitive Areas	0	0	0	0	0
81	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
82	**10.17**	**SSSI Impact Risk Zones**	1	-	-	-	-
83	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
84	11.1	World Heritage Sites	0	0	0	-	-
85	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
85	11.3	National Parks	0	0	0	-	-
85	**11.4**	**Listed Buildings**	0	0	1	-	-
86	11.5	Conservation Areas	0	0	0	-	-
86	11.6	Scheduled Ancient Monuments	0	0	0	-	-
86	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
87	**12.1**	**Agricultural Land Classification**	Urban (within 250m)				
88	12.2	Open Access Land	0	0	0	-	-
88	12.3	Tree Felling Licences	0	0	0	-	-
88	12.4	Environmental Stewardship Schemes	0	0	0	-	-
88	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
89	13.1	Priority Habitat Inventory	0	0	0	-	-
89	13.2	Habitat Networks	0	0	0	-	-
90	**13.3**	**Open Mosaic Habitat**	0	1	0	-	-
90	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
91	**14.1**	**10k Availability**	Identified (within 500m)				
92	**14.2**	**Artificial and made ground (10k)**	1	0	2	6	-
94	**14.3**	**Superficial geology (10k)**	0	0	0	1	-

95	14.4	Landslip (10k)	0	0	0	0	-
96	14.5	Bedrock geology (10k)	2	1	0	4	-
97	14.6	Bedrock faults and other linear features (10k)	1	0	0	2	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
98	15.1	50k Availability	Identified (within 500m)				
99	15.2	Artificial and made ground (50k)	0	0	0	3	-
100	15.3	Artificial ground permeability (50k)	0	0	-	-	-
101	15.4	Superficial geology (50k)	0	0	0	1	-
102	15.5	Superficial permeability (50k)	None (within 50m)				
102	15.6	Landslip (50k)	0	0	0	0	-
102	15.7	Landslip permeability (50k)	None (within 50m)				
103	15.8	Bedrock geology (50k)	3	0	0	4	-
104	15.9	Bedrock permeability (50k)	Identified (within 50m)				
104	15.10	Bedrock faults and other linear features (50k)	1	0	0	1	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
105	16.1	BGS Boreholes	0	0	3	-	-
Page	Section	Natural ground subsidence					
107	17.1	Shrink swell clays	Very low (within 50m)				
108	17.2	Running sands	Negligible (within 50m)				
109	17.3	Compressible deposits	Negligible (within 50m)				
110	17.4	Collapsible deposits	Very low (within 50m)				
111	17.5	Landslides	Low (within 50m)				
113	17.6	Ground dissolution of soluble rocks	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
115	18.1	Natural cavities	0	0	0	0	-
116	18.2	BritPits	0	0	0	4	-
117	18.3	Surface ground workings	8	4	12	-	-
118	18.4	Underground workings	6	0	0	0	24
119	18.5	Historical Mineral Planning Areas	0	0	0	0	-

119	**18.6**	**Non-coal mining**	1	0	0	0	1
120	18.7	Mining cavities	0	0	0	0	0
120	18.8	JPB mining areas	None (within 0m)				
120	**18.9**	**Coal mining**	Identified (within 0m)				
121	18.10	Brine areas	None (within 0m)				
121	18.11	Gypsum areas	None (within 0m)				
121	18.12	Tin mining	None (within 0m)				
121	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
122	**19.1**	**Radon**	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
124	**20.1**	**BGS Estimated Background Soil Chemistry**	3	0	-	-	-
124	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
124	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
125	21.1	Underground railways (London)	0	0	0	-	-
125	21.2	Underground railways (Non-London)	0	0	0	-	-
126	**21.3**	**Railway tunnels**	1	0	0	-	-
126	**21.4**	**Historical railway and tunnel features**	15	4	7	-	-
127	21.5	Royal Mail tunnels	0	0	0	-	-
127	21.6	Historical railways	0	0	0	-	-
128	**21.7**	**Railways**	1	3	8	-	-
128	21.8	Crossrail 1	0	0	0	0	-
128	21.9	Crossrail 2	0	0	0	0	-
129	21.10	HS2	0	0	0	0	-

Recent aerial photograph

Capture Date: 30/05/2021

Site Area: 1.02ha

Recent site history - 2018 aerial photograph

Capture Date: 01/07/2018

Site Area: 1.02ha

Recent site history - 2012 aerial photograph

Capture Date: 26/03/2012

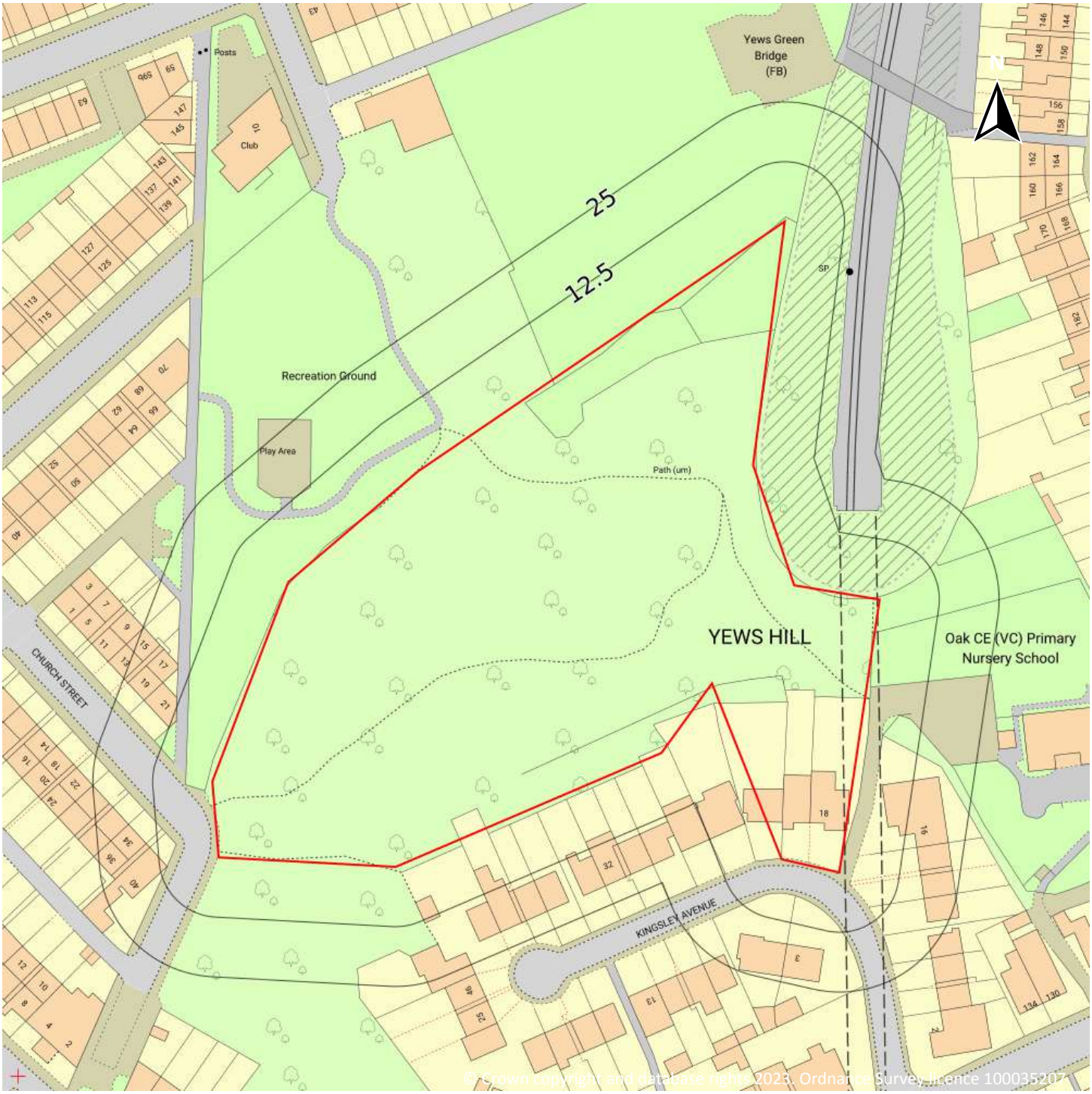
Site Area: 1.02ha

Recent site history - 2000 aerial photograph

Capture Date: 25/08/2000

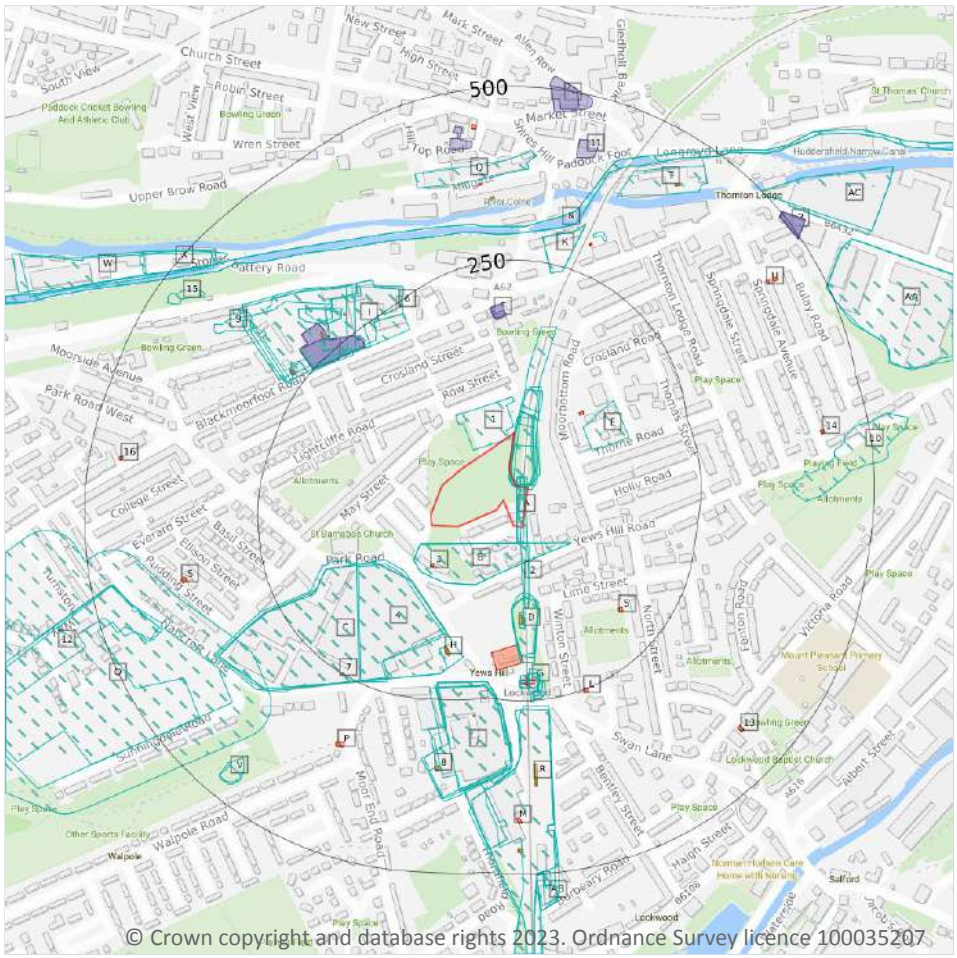
Site Area: 1.02ha

OS MasterMap site plan



Site Area: 1.02ha

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	83

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 13**

ID	Location	Land use	Dates present	Group ID
1	**On site**	**Unspecified Mill**	**1975 - 1985**	**1550788**

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Tunnel**	**1905**	**1463415**
A	**On site**	**Tunnel**	**1956 - 1985**	**1467801**
A	**On site**	**Cuttings**	**1956**	**1507848**
A	**On site**	**Cuttings**	**1889**	**1515864**
A	**On site**	**Cuttings**	**1938 - 1948**	**1517442**
A	**On site**	**Tunnel**	**1938**	**1517671**
A	**On site**	**Cuttings**	**1966 - 1985**	**1532098**
A	**On site**	**Cuttings**	**1905**	**1548111**
A	**On site**	**Tunnel**	**1948**	**1555667**
A	1m E	Railway Sidings	1889	1409294
A	16m NE	Cuttings	1956	1519587
B	23m SE	Gear Works	1905	1455544
B	23m SE	Unspecified Commercial/Industrial	1948	1410487
2	27m SE	Tunnel	1938	1497603
A	41m NE	Cuttings	1966 - 1985	1538801
C	77m SW	Gear Works	1956	1532034
4	82m SW	Unspecified Commercial/Industrial	1938	1410451
C	85m SW	Unspecified Works	1966 - 1975	1472486
C	85m SW	Unspecified Works	1985	1503875
D	94m S	Cuttings	1956 - 1985	1527245
E	100m NE	Unspecified Pit	1956 - 1966	1487582
D	101m SE	Cuttings	1888 - 1905	1462737
D	101m SE	Cuttings	1948	1549629
D	102m SE	Cuttings	1938	1464290
C	121m SW	Gear Works	1930 - 1948	1515857
D	122m S	Railway Building	1956 - 1985	1465638
D	130m S	Railway Building	1948	1472905
D	130m S	Railway Building	1888 - 1905	1553679

ID	Location	Land use	Dates present	Group ID
G	204m S	Railway Station	1956	1465615
G	204m S	Railway Station	1966 - 1975	1497571
I	208m NW	Unspecified Commercial/Industrial	1975 - 1985	1496089
G	210m S	Railway Station	1888 - 1905	1484620
G	210m S	Railway Station	1948	1499524
G	211m S	Railway Station	1938	1506351
I	220m NW	Unspecified Mill	1966	1421232
G	222m S	Unspecified Heap	1948	1538585
G	222m S	Unspecified Heap	1905	1551072
I	223m NW	Unspecified Commercial/Industrial	1956	1538406
J	224m S	Iron Works	1948 - 1956	1498760
J	224m S	Unspecified Works	1966 - 1985	1539918
I	227m NW	Unspecified Mills	1938 - 1948	1515566
J	230m S	Iron Works	1938	1464182
J	230m S	Iron Works	1905	1468575
I	231m NW	Unspecified Mills	1890	1539763
J	231m S	Iron Works	1888	1482234
G	235m S	Railway Station	1985	1500082
K	237m N	Unspecified Works	1966	1438161
K	237m N	Unspecified Commercial/Industrial	1975 - 1985	1511005
I	238m NW	Unspecified Mills	1905	1513014
M	257m S	Railway Sidings	1938 - 1969	1513193
M	262m S	Railway Sidings	1888	1460976
M	262m S	Railway Sidings	1948	1490732
M	262m S	Railway Sidings	1905	1517587
I	278m NW	Mill Pond	1938 - 1948	1469782
I	279m NW	Mill Pond	1956	1541332
I	286m NW	Mill Pond	1905	1528521

ID	Location	Land use	Dates present	Group ID
N	288m N	Disused Canal	1985	1487658
N	288m N	Disused Canal	1975	1532635
K	305m NE	Unspecified Heap	1905	1415071
O	318m SW	Hospital	1975 - 1985	1475491
9	355m NW	Unspecified Quarry	1890	1426693
Q	368m N	Unspecified Mills	1975 - 1985	1521298
O	370m SW	Hospital	1948 - 1956	1555970
M	371m S	Railway Building	1966	1428977
T	373m NE	Unspecified Works	1975 - 1985	1526895
10	382m E	Unspecified Quarry	1889 - 1905	1555335
O	417m SW	Hospital	1966	1528419
12	421m SW	Hospitals	1905	1455541
V	432m SW	Unspecified Pit	1930	1509129
15	437m NW	Unspecified Ground Workings	1905	1412139
V	451m SW	Unspecified Quarry	1905	1426664
W	455m NW	Unspecified Mills	1905	1544521
W	456m NW	Unspecified Mills	1890	1528458
X	456m NW	Unspecified Mill	1956	1531626
X	461m NW	Unspecified Mill	1938 - 1948	1556193
AA	497m NE	Unspecified Works	1975 - 1985	1532399
AB	497m S	Railway Building	1956	1515037
AB	497m S	Railway Building	1966 - 1985	1552851
AC	498m NE	Tramway Depot	1948 - 1956	1486328
AC	498m NE	Unspecified Depot	1966 - 1985	1510138
AB	498m S	Railway Building	1938	1530621
AA	499m NE	Unspecified Works	1966	1478872

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	16

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 13**

ID	Location	Land use	Dates present	Group ID
D	126m S	Unspecified Tank	1893 - 1913	240062
H	173m S	Tanks	1983 - 1995	242931
H	173m S	Tanks	1971	242223
J	239m S	Unspecified Tank	1906	223239
6	243m NW	Unspecified Tank	1986	223240
7	248m SW	Unspecified Tank	1892	223243
J	273m S	Unspecified Tank	1906	223238
I	273m NW	Unspecified Tank	1918 - 1932	244186
I	278m NW	Unspecified Tank	1907	223241
Q	338m N	Unspecified Tank	1918	223237
R	342m S	Tanks	1995	244893
8	346m S	Unspecified Tank	1983 - 1995	238680
R	363m S	Tanks	1983	248093
M	464m S	Tanks	1983	239479
M	464m S	Tanks	1983 - 1995	249792
M	465m S	Tanks	1995	249295

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	25

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 13**

ID	Location	Land use	Dates present	Group ID
3	55m SW	Electricity Substation	1986 - 1996	144559
E	98m NE	Electricity Substation	1986 - 1996	146674
G	168m S	Electricity Substation	1983 - 1995	140040
5	182m SE	Electricity Substation	1971 - 1995	139134
L	248m SE	Electricity Substation	1971 - 1983	144026
L	249m SE	Electricity Substation	1995	144981
I	266m NW	Electricity Substation	1995	143684
I	268m NW	Electricity Substation	1978 - 1989	144682
K	292m NE	Electricity Substation	1993	132685
K	292m NE	Electricity Substation	1972	133502
K	293m NE	Electricity Substation	1986	133772
P	337m SW	Electricity Substation	1971 - 1995	146904
P	340m SW	Electricity Substation	1967	143601
Q	361m N	Electricity Substation	1972	128992
S	362m W	Electricity Substation	1978 - 1989	142334
S	362m W	Electricity Substation	1995	139393
M	418m S	Electricity Substation	1983 - 1995	145927
13	424m SE	Electricity Substation	1974 - 1995	136042
U	426m NE	Electricity Substation	1973	128990
T	426m NE	Electricity Substation	1972 - 1993	141662
14	430m E	Electricity Substation	1973 - 1990	135581

ID	Location	Land use	Dates present	Group ID
U	433m NE	Electricity Substation	1990	138754
Q	442m N	Electricity Substation	1993	141980
Q	442m N	Electricity Substation	1986	136385
16	451m W	Electricity Substation	1995	128877

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	16

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 13**

ID	Location	Land use	Dates present	Group ID
F	166m N	Garage	1986	42271
F	167m N	Garage	1960	42494
F	167m N	Garage	1959 - 1996	45464
I	224m NW	Garage	1986 - 1996	44931
I	224m NW	Garage	1960	44732
I	224m NW	Garage	1959	42882
I	235m NW	Garage	1995	44054

ID	Location	Land use	Dates present	Group ID
I	236m NW	Garage	1982 - 1989	46620
11	407m N	Garage	1993	41092
Q	416m N	Garage	1993	41079
Q	434m N	Garage	1993	41080
Y	467m N	Garage	1986 - 1993	46158
Y	472m N	Garage	1972	43499
Z	494m NE	Garage	1960	42314
Z	494m NE	Garage	1960 - 1996	45692
Z	495m NE	Garage	1983	43390

This data is sourced from Ordnance Survey / Groundsure.

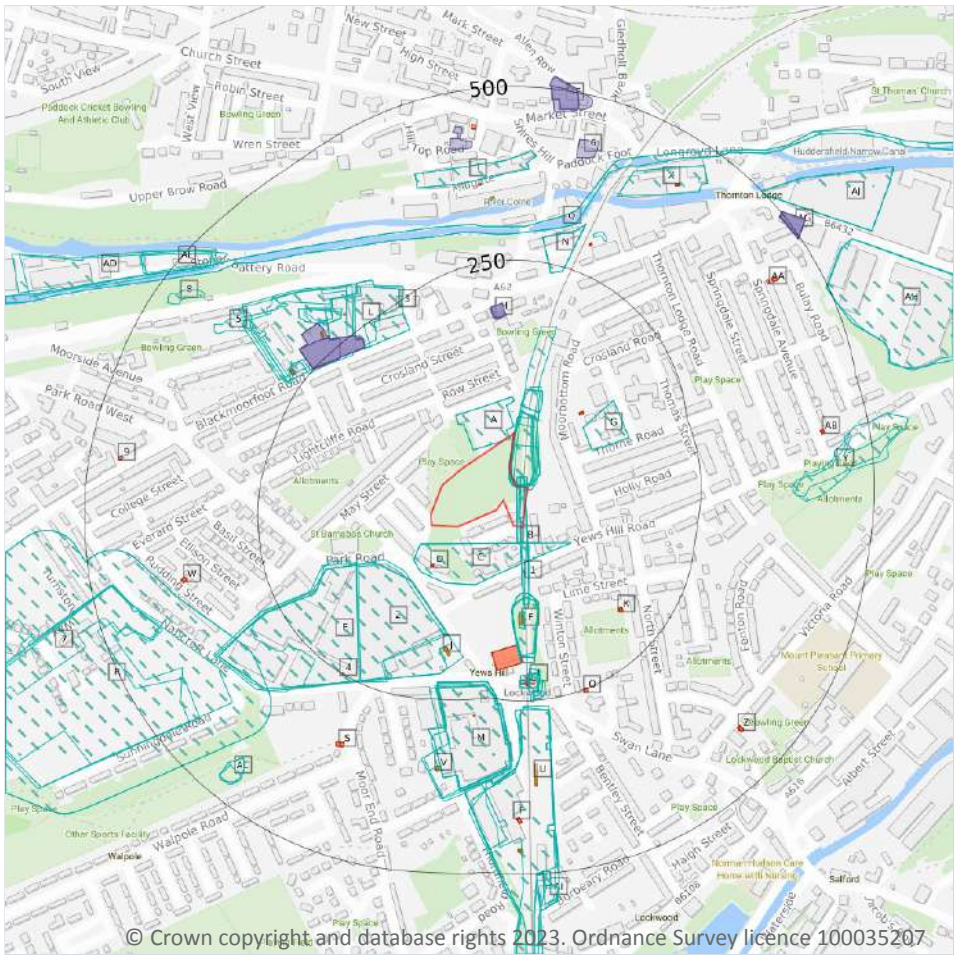
1.6 Historical military land

Records within 500m	0

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

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

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	126

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	**On site**	**Unspecified Mill**	**1975**	**1550788**
A	**On site**	**Unspecified Mill**	**1985**	**1550788**
B	**On site**	**Tunnel**	**1975**	**1467801**

ID	Location	Land Use	Date	Group ID
B	**On site**	**Cuttings**	**1975**	**1532098**
B	**On site**	**Tunnel**	**1956**	**1467801**
B	**On site**	**Cuttings**	**1956**	**1507848**
B	**On site**	**Cuttings**	**1948**	**1517442**
B	**On site**	**Tunnel**	**1948**	**1555667**
B	**On site**	**Cuttings**	**1889**	**1515864**
B	**On site**	**Tunnel**	**1905**	**1463415**
B	**On site**	**Cuttings**	**1905**	**1548111**
B	**On site**	**Tunnel**	**1985**	**1467801**
B	**On site**	**Cuttings**	**1985**	**1532098**
B	**On site**	**Tunnel**	**1966**	**1467801**
B	**On site**	**Cuttings**	**1966**	**1532098**
B	**On site**	**Cuttings**	**1938**	**1517442**
B	**On site**	**Tunnel**	**1938**	**1517671**
B	1m E	Railway Sidings	1889	1409294
B	16m NE	Cuttings	1956	1519587
C	23m SE	Unspecified Commercial/Industrial	1948	1410487
C	23m SE	Gear Works	1905	1455544
1	27m SE	Tunnel	1938	1497603
B	41m NE	Cuttings	1975	1538801
B	41m NE	Cuttings	1985	1538801
B	41m NE	Cuttings	1966	1538801
E	77m SW	Gear Works	1956	1532034
2	82m SW	Unspecified Commercial/Industrial	1938	1410451
E	85m SW	Unspecified Works	1975	1472486
E	85m SW	Unspecified Works	1985	1503875
E	85m SW	Unspecified Works	1966	1472486
F	94m S	Cuttings	1975	1527245

ID	Location	Land Use	Date	Group ID
F	94m S	Cuttings	1956	1527245
F	94m S	Cuttings	1985	1527245
F	94m S	Cuttings	1966	1527245
G	100m NE	Unspecified Pit	1956	1487582
G	100m NE	Unspecified Pit	1966	1487582
F	101m SE	Cuttings	1948	1549629
F	101m SE	Cuttings	1905	1462737
F	101m SE	Cuttings	1888	1462737
F	102m SE	Cuttings	1938	1464290
E	121m SW	Gear Works	1948	1515857
F	122m S	Railway Building	1975	1465638
F	122m S	Railway Building	1956	1465638
F	122m S	Railway Building	1985	1465638
F	122m S	Railway Building	1966	1465638
E	122m SW	Gear Works	1930	1515857
F	130m S	Railway Building	1948	1472905
F	130m S	Railway Building	1905	1553679
F	130m S	Railway Building	1888	1553679
I	204m S	Railway Station	1975	1497571
I	204m S	Railway Station	1956	1465615
I	204m S	Railway Station	1966	1497571
L	208m NW	Unspecified Commercial/Industrial	1975	1496089
L	208m NW	Unspecified Commercial/Industrial	1985	1496089
I	210m S	Railway Station	1948	1499524
I	210m S	Railway Station	1905	1484620
I	211m S	Railway Station	1938	1506351
I	213m S	Railway Station	1888	1484620
L	220m NW	Unspecified Mill	1966	1421232

ID	Location	Land Use	Date	Group ID
I	222m S	Unspecified Heap	1948	1538585
I	222m S	Unspecified Heap	1905	1551072
L	223m NW	Unspecified Commercial/Industrial	1956	1538406
M	224m S	Unspecified Works	1975	1539918
M	224m S	Iron Works	1956	1498760
M	224m S	Unspecified Works	1985	1539918
M	224m S	Unspecified Works	1966	1539918
L	227m NW	Unspecified Mills	1948	1515566
M	228m S	Iron Works	1948	1498760
L	229m NW	Unspecified Mills	1938	1515566
M	230m S	Iron Works	1938	1464182
M	230m S	Iron Works	1905	1468575
L	231m NW	Unspecified Mills	1890	1539763
M	231m S	Iron Works	1888	1482234
I	235m S	Railway Station	1985	1500082
N	237m N	Unspecified Commercial/Industrial	1975	1511005
N	237m N	Unspecified Commercial/Industrial	1985	1511005
N	237m N	Unspecified Works	1966	1438161
L	238m NW	Unspecified Mills	1905	1513014
P	257m S	Railway Sidings	1956	1513193
P	257m S	Railway Sidings	1966	1513193
P	259m S	Railway Sidings	1938	1513193
P	262m S	Railway Sidings	1948	1490732
P	262m S	Railway Sidings	1905	1517587
P	262m S	Railway Sidings	1888	1460976
L	278m NW	Mill Pond	1938	1469782
L	279m NW	Mill Pond	1956	1541332
L	286m NW	Mill Pond	1948	1469782

ID	Location	Land Use	Date	Group ID
L	286m NW	Mill Pond	1905	1528521
Q	288m N	Disused Canal	1975	1532635
Q	288m N	Disused Canal	1985	1487658
N	305m NE	Unspecified Heap	1905	1415071
R	318m SW	Hospital	1975	1475491
R	318m SW	Hospital	1985	1475491
5	355m NW	Unspecified Quarry	1890	1426693
T	368m N	Unspecified Mills	1975	1521298
T	368m N	Unspecified Mills	1985	1521298
R	370m SW	Hospital	1948	1555970
P	371m S	Railway Building	1966	1428977
X	373m NE	Unspecified Works	1975	1526895
X	373m NE	Unspecified Works	1985	1526895
Y	382m E	Unspecified Quarry	1905	1555335
Y	386m E	Unspecified Quarry	1889	1555335
R	414m SW	Hospital	1956	1555970
R	417m SW	Hospital	1966	1528419
7	421m SW	Hospitals	1905	1455541
AC	432m SW	Unspecified Pit	1930	1509129
AC	432m SW	Unspecified Pit	1930	1509129
8	437m NW	Unspecified Ground Workings	1905	1412139
AC	451m SW	Unspecified Quarry	1905	1426664
AD	455m NW	Unspecified Mills	1905	1544521
AD	456m NW	Unspecified Mills	1890	1528458
AE	456m NW	Unspecified Mill	1956	1531626
AE	461m NW	Unspecified Mill	1948	1556193
AE	463m NW	Unspecified Mill	1938	1556193
AH	497m NE	Unspecified Works	1975	1532399

ID	Location	Land Use	Date	Group ID
AH	497m NE	Unspecified Works	1985	1532399
AI	497m S	Railway Building	1975	1552851
AI	497m S	Railway Building	1956	1515037
AI	497m S	Railway Building	1985	1552851
AI	497m S	Railway Building	1966	1552851
AJ	498m NE	Unspecified Depot	1975	1510138
AJ	498m NE	Tramway Depot	1956	1486328
AJ	498m NE	Unspecified Depot	1985	1510138
AJ	498m NE	Unspecified Depot	1966	1510138
AI	498m S	Railway Building	1938	1530621
AH	499m NE	Unspecified Works	1966	1478872

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**21**

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
F	126m S	Unspecified Tank	1893	240062
F	126m S	Unspecified Tank	1913	240062
J	173m S	Tanks	1995	242931
J	173m S	Tanks	1983	242931
J	173m S	Tanks	1971	242223
M	239m S	Unspecified Tank	1906	223239
3	243m NW	Unspecified Tank	1986	223240
4	248m SW	Unspecified Tank	1892	223243
M	273m S	Unspecified Tank	1906	223238

ID	Location	Land Use	Date	Group ID
L	273m NW	Unspecified Tank	1918	244186
L	273m NW	Unspecified Tank	1932	244186
L	278m NW	Unspecified Tank	1907	223241
T	338m N	Unspecified Tank	1918	223237
U	342m S	Tanks	1995	244893
V	346m S	Unspecified Tank	1983	238680
V	346m S	Unspecified Tank	1995	238680
U	363m S	Tanks	1983	248093
P	464m S	Tanks	1983	239479
P	464m S	Tanks	1983	249792
P	465m S	Tanks	1995	249295
P	465m S	Tanks	1995	249792

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	53

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
D	55m SW	Electricity Substation	1996	144559
D	56m SW	Electricity Substation	1986	144559
G	98m NE	Electricity Substation	1986	146674
G	99m NE	Electricity Substation	1996	146674
I	168m S	Electricity Substation	1995	140040
I	169m S	Electricity Substation	1983	140040
K	182m SE	Electricity Substation	1983	139134
K	182m SE	Electricity Substation	1995	139134

ID	Location	Land Use	Date	Group ID
K	183m SE	Electricity Substation	1971	139134
O	248m SE	Electricity Substation	1983	144026
O	249m SE	Electricity Substation	1971	144026
O	249m SE	Electricity Substation	1995	144981
L	266m NW	Electricity Substation	1995	143684
L	268m NW	Electricity Substation	1978	144682
L	268m NW	Electricity Substation	1978	144682
L	268m NW	Electricity Substation	1978	144682
L	268m NW	Electricity Substation	1982	144682
L	268m NW	Electricity Substation	1989	144682
N	292m NE	Electricity Substation	1993	132685
N	292m NE	Electricity Substation	1972	133502
N	293m NE	Electricity Substation	1986	133772
S	337m SW	Electricity Substation	1971	146904
S	337m SW	Electricity Substation	1983	146904
S	338m SW	Electricity Substation	1995	146904
S	340m SW	Electricity Substation	1993	146904
S	340m SW	Electricity Substation	1995	146904
S	340m SW	Electricity Substation	1967	143601
T	361m N	Electricity Substation	1972	128992
W	362m W	Electricity Substation	1978	142334
W	362m W	Electricity Substation	1978	142334
W	362m W	Electricity Substation	1978	142334
W	362m W	Electricity Substation	1982	142334
W	362m W	Electricity Substation	1989	142334
W	362m W	Electricity Substation	1995	139393
P	418m S	Electricity Substation	1983	145927
P	419m S	Electricity Substation	1995	145927

ID	Location	Land Use	Date	Group ID
Z	424m SE	Electricity Substation	1987	136042
Z	424m SE	Electricity Substation	1992	136042
Z	424m SE	Electricity Substation	1987	136042
Z	424m SE	Electricity Substation	1974	136042
Z	425m SE	Electricity Substation	1995	136042
AA	426m NE	Electricity Substation	1973	128990
X	426m NE	Electricity Substation	1986	141662
X	426m NE	Electricity Substation	1993	141662
X	427m NE	Electricity Substation	1972	141662
AB	430m E	Electricity Substation	1990	135581
AB	430m E	Electricity Substation	1990	135581
AB	431m E	Electricity Substation	1973	135581
AA	433m NE	Electricity Substation	1990	138754
AA	433m NE	Electricity Substation	1990	138754
T	442m N	Electricity Substation	1993	141980
T	442m N	Electricity Substation	1986	136385
9	451m W	Electricity Substation	1995	128877

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	23

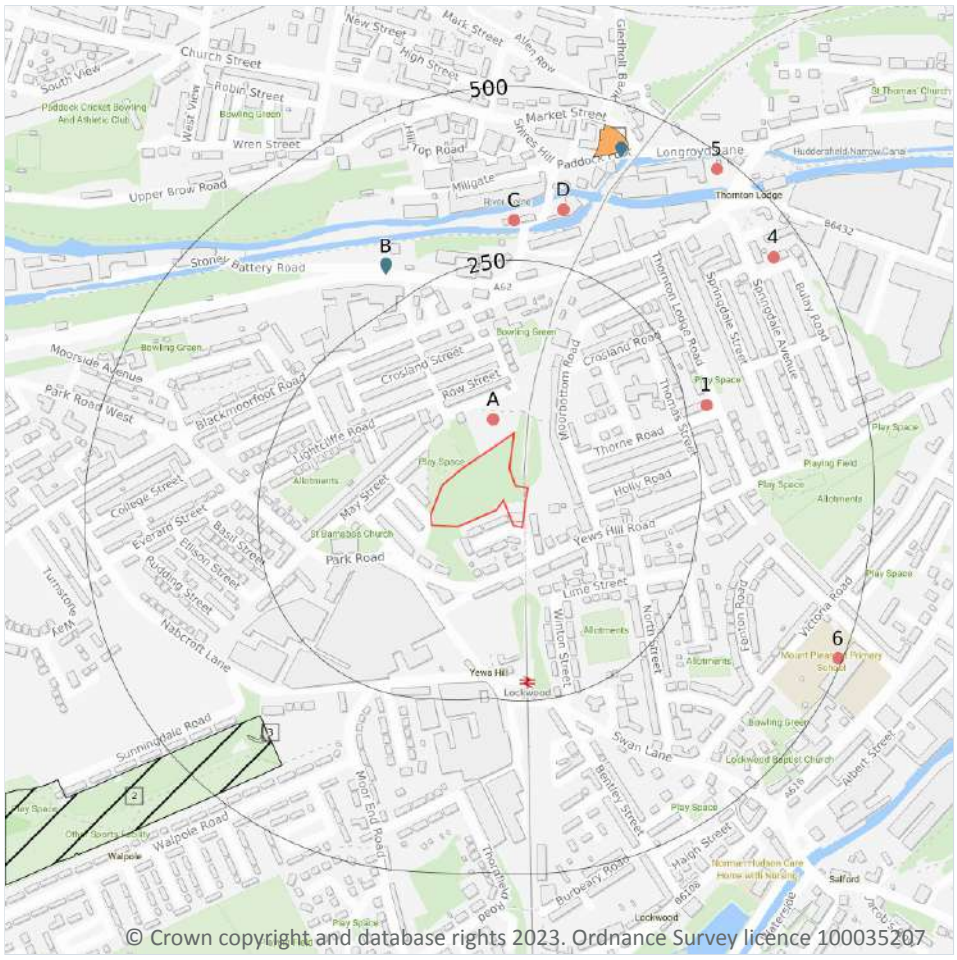
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land Use	Date	Group ID
H	166m N	Garage	1986	42271
H	167m N	Garage	1960	42494
H	167m N	Garage	1959	45464
H	168m N	Garage	1996	45464
L	224m NW	Garage	1986	44931
L	224m NW	Garage	1960	44732
L	224m NW	Garage	1996	44931
L	224m NW	Garage	1959	42882
L	235m NW	Garage	1995	44054
L	236m NW	Garage	1960	44732
L	236m NW	Garage	1982	46620
L	236m NW	Garage	1989	46620
6	407m N	Garage	1993	41092
T	416m N	Garage	1993	41079
T	434m N	Garage	1993	41080
AF	467m N	Garage	1986	46158
AF	471m N	Garage	1993	46158
AF	472m N	Garage	1972	43499
AG	494m NE	Garage	1960	42314
AG	494m NE	Garage	1996	45692
AG	494m NE	Garage	1993	45692
AG	495m NE	Garage	1983	43390
AG	495m NE	Garage	1960	45692

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)

Historical waste sites

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	1

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

Features are displayed on the Waste and landfill map on **page 32**

ID	Location	Site address	Source	Data type
3	377m SW	Refuse Tip	1966 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	1

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 32**

ID	Location	Details		
2	369m SW	Site Address: Dry Clough, Walpole Road, Crosland Moor Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 01/01/1968 Last Recorded: 31/12/1974

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

3.5 Historical waste sites

Records within 500m	3

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

Features are displayed on the Waste and landfill map on **page 32**

ID	Location	Address	Further Details	Date
E	414m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1986
E	414m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1993
E	414m N	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1972

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

3.6 Licensed waste sites

Records within 500m	**3**

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

Features are displayed on the Waste and landfill map on **page 32**

ID	Location	Details		
B	303m NW	Site Name: P P Recycling Site Address: Land / Premises At, Stoney Battery Road, Paddock, Huddersfield, West Yorkshire, HD4 5AA Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PPR001 EPR reference: EA/EPR/XP3399VH/A001 Operator: P P Recycling Ltd Waste Management licence No: 102728 Annual Tonnage: 74999	Issue Date: 31/05/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 03/01/2017 Cancelled Date: - Status: Expired

ID	Location	Details		
B	303m NW	Site Name: P P Recycling Site Address: Land / Premises At, Stoney Battery Road, Paddock, Huddersfield, West Yorkshire, HD4 5AA Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PPR001 EPR reference: EA/EPR/XP3399VH/A001 Operator: P P Recycling Ltd Waste Management licence No: 102728 Annual Tonnage: 74999	Issue Date: 31/05/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 03/01/2017 Cancelled Date: - Status: Expired
E	437m N	Site Name: Huddersfield Auto Salvage Site Address: The Triangle, Paddock Foot, Huddersfield, West Yorkshire, HD1 4RY Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ISL001 EPR reference: EA/EPR/TP3595ZX/T001 Operator: Islam Mohammad Waste Management licence No: 61032 Annual Tonnage: 9600	Issue Date: 11/08/1993 Effective Date: 02/08/2001 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred

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

3.7 Waste exemptions

Records within 500m	**14**

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.

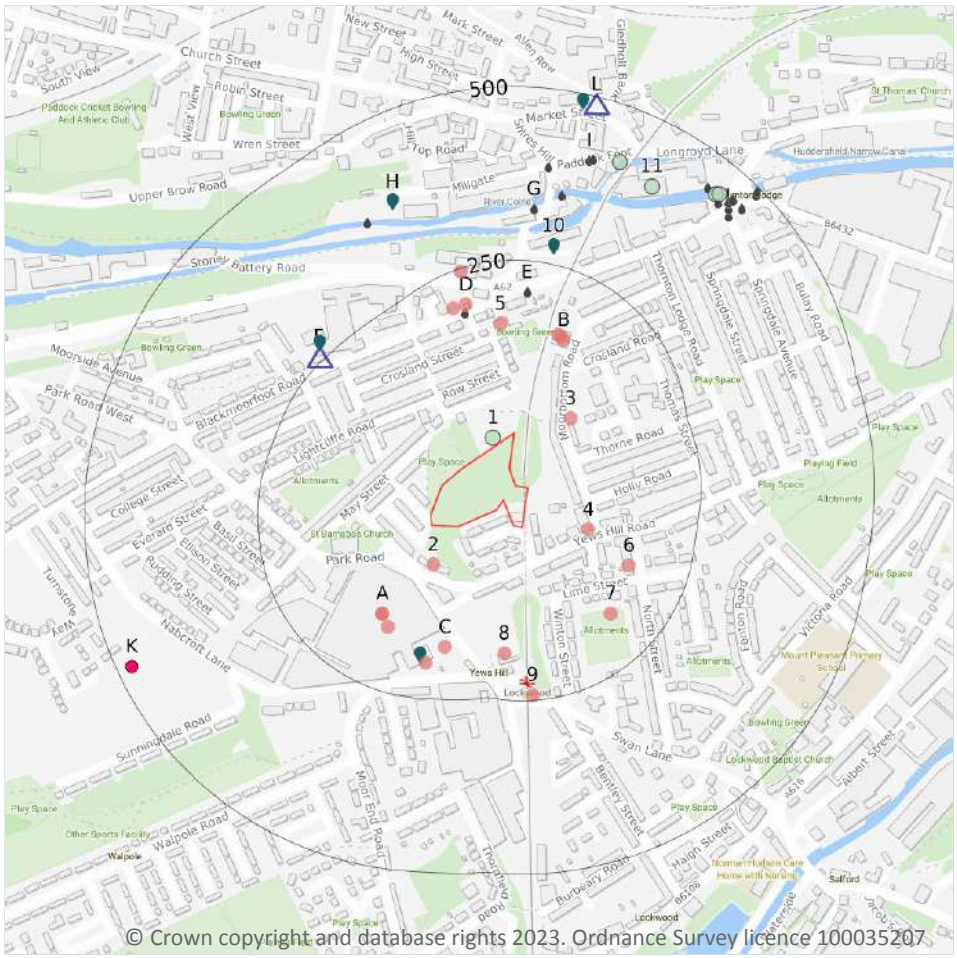
Features are displayed on the Waste and landfill map on **page 32**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	33m N	-	WEX255259	Using waste exemption	Not on a farm	Use of waste in construction
A	33m N	-	WEX255259	Treating waste exemption	Not on a farm	Screening and blending of waste
1	280m E	2, THORNE ROAD, HUDDERSFIELD, HD1 3JJ	WEX281097	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

ID	Location	Site	Reference	Category	Sub-Category	Description
C	306m N	BIRKHOUSE LANE, HUDDERSFIELD, HD1 4SF	WEX210416	Disposing of waste exemption	Not on a farm	Burning waste in the open
C	306m N	BIRKHOUSE LANE, HUDDERSFIELD, HD1 4SF	WEX210416	Using waste exemption	Not on a farm	Use of waste in construction
C	306m N	BIRKHOUSE LANE, HUDDERSFIELD, HD1 4SF	WEX210416	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
C	306m N	BIRKHOUSE LANE, HUDDERSFIELD, HD1 4SF	WEX052690	Disposing of waste exemption	Not on a farm	Burning waste in the open
C	306m N	BIRKHOUSE LANE, HUDDERSFIELD, HD1 4SF	WEX052690	Using waste exemption	Not on a farm	Use of waste in construction
C	306m N	BIRKHOUSE LANE, HUDDERSFIELD, HD1 4SF	WEX052690	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
D	329m N	Unit 2 The Dye Works Birkhouse Lane Huddersfield HD1 4SF	EPR/QF0638KE /A001	Disposing of waste exemption	Non-Agricultural Waste Only	Burning waste in the open
D	329m N	Unit 2 The Dye Works Birkhouse Lane Huddersfield HD1 4SF	EPR/QF0638KE /A001	Using waste exemption	Non-Agricultural Waste Only	Burning of waste as a fuel in a small appliance
4	451m NE	S Autos, Bulay Road, Huddersfield, HD1 3NH	WEX243996	Disposing of waste exemption	Not on a farm	Burning waste in the open
5	479m NE	-	WEX134413	Using waste exemption	Not on a farm	Use of waste in construction
6	493m SE	MOUNT STREET, LOCKWOOD, HUDDERSFIELD, HD1 3QP	WEX072387	Using waste exemption	Not on a farm	Use of waste in construction

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

4 Current industrial land use



Site Outline

Search buffers in metres (m)

- Recent industrial land uses
- Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Radioactive Substance Authorisations
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m	19

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Company	Address	Activity	Category
2	57m SW	Electricity Sub Station	West Yorkshire, HD1	Electrical Features	Infrastructure and Facilities
3	84m NE	Electricity Sub Station	West Yorkshire, HD1	Electrical Features	Infrastructure and Facilities
4	95m E	Surface Glaze	114, Yews Hill Road, Lockwood, Huddersfield, West Yorkshire, HD1 3SP	Industrial Coatings and Finishings	Industrial Products

ID	Location	Company	Address	Activity	Category
A	146m SW	Martek Composites Ltd	Park Works, Park Road, Lockwood, Huddersfield, West Yorkshire, HD4 5DD	Glass Fibre Services	Industrial Products
A	146m SW	David Brown Santasalo	Park Works, Park Road, Lockwood, Huddersfield, West Yorkshire, HD4 5DD	Vehicle Components	Industrial Products
B	152m NE	Ilyas Autos	98, Moorbottom Road, Huddersfield, West Yorkshire, HD1 3JT	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	155m NE	F1 Tyres	98, Moorbottom Road, Huddersfield, West Yorkshire, HD1 3JT	Vehicle Parts and Accessories	Motoring
B	155m NE	Works	West Yorkshire, HD1	Unspecified Works Or Factories	Industrial Features
5	159m N	F & R Engineering Services	Griffin Works, Blackmoorfoot Road, Crosland Moor, Huddersfield, West Yorkshire, HD4 5AG	Tools Including Machine Shops	Industrial Products
A	160m SW	Works	West Yorkshire, HD4	Unspecified Works Or Factories	Industrial Features
6	164m SE	S C Security Solutions	129, North Street, Lockwood, Huddersfield, West Yorkshire, HD1 3SQ	Electronic Equipment	Industrial Products
C	175m S	Tank	West Yorkshire, HD4	Tanks (Generic)	Industrial Features
7	178m SE	Electricity Sub Station	West Yorkshire, HD1	Electrical Features	Infrastructure and Facilities
8	183m S	Electricity Sub Station	West Yorkshire, HD1	Electrical Features	Infrastructure and Facilities
D	198m N	Clyde & Clyde Fast Hand Car Wash	1, 279, Manchester Road, Huddersfield, West Yorkshire, HD4 5AA	Vehicle Cleaning Services	Personal, Consumer and Other Services
C	198m S	Hopper	West Yorkshire, HD4	Hoppers and Silos	Farming
D	201m N	Electricity Sub Station	West Yorkshire, HD4	Electrical Features	Infrastructure and Facilities
9	242m S	Lockwood Rail Station	West Yorkshire, HD1	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
D	246m N	M A S Tyres	264, Manchester Road, Crosland Moor, Huddersfield, West Yorkshire, HD4 5AA	Vehicle Parts and Accessories	Motoring

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Company	Address	LPG	Status
F	257m NW	OBSOLETE	Blackmoorfoot Road, Lockwood, Huddersfield, West Yorkshire, HD4 5AQ	Not Applicable	Obsolete
L	489m N	JET	70, Market Street The Triangle, Paddock, Huddersfield, West Yorkshire, HD1 4SH	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

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

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

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

Records within 500m	5

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 37**

ID	Location	Address	Details	
C	187m S	David Brown Engineering Ltd, Park Gear Works, Lockwood, Huddersfield, HD4 5DD	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
F	271m NW	Premier Coachworks, Blackmoorfoot Road, Crosland Moor, Huddersfield, HD4 5AN	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
10	276m N	Kaye & Co(Huddersfield)ltd Moorbottom Ironworks, Manchester Rd, Huddersfield, HD4 5AF	Process: Non-ferrous Metal Foundry Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
H	376m N	CEMEX Materials UK Ltd, Millgate Paddock, Huddersfield, HD1 4SD	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
L	489m N	Paddock Filling Station, The Triangle, Paddock, Huddersfield, HD1 4RU	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	**3**

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

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Address	Details	
K	478m SW	Calderdale And Huddersfield Nhs Trust (huddersfield Royal Infirmary), St Lukes Hospital, Blackmoorfoot Road, Crosford Moor, Huddersfield, West Yorkshire, HD4 5RQ	Operator: Calderdale And Huddersfield Nhs Trust (huddersfield Royal Infirmary) Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0281 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation

ID	Location	Address	Details	
K	478m SW	Calderdale And Huddersfield Nhs Trust (huddersfield Royal Infirmary), St Lukes Hospital, Blackmoorfoot Road, Crosford Moor, Huddersfield, West Yorkshire, HD4 5RQ	Operator: Calderdale And Huddersfield Nhs Trust (huddersfield Royal Infirmary) Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0281 Date of approval: 16/11/1994	Effective from: 16/11/1994 Last date of update: 01/01/2015 Status: Revoked/cancelled
K	478m SW	Calderdale And Huddersfield Nhs Trust (huddersfield Royal Infirmary), Storthes Hall, Huddersfield, HD4 5RH	Operator: Calderdale And Huddersfield Nhs Trust (huddersfield Royal Infirmary) Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0290 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Revoked/cancelled

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

4.13 Licensed Discharges to controlled waters

Records within 500m	**36**

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 37**

ID	Location	Address	Details	
D	187m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
D	187m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995

ID	Location	Address	Details	
D	187m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995
E	204m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
E	204m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
E	204m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995
G	324m N	CROSLAND ST/BLACKMOORFOOT RD CSO, BIRKHOUSE LANE, LOCKWOOD, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8603 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 31/03/2005 Effective Date: 31/03/2005 Revocation Date: -
G	350m N	WILLIAM ARNOLD & SON LTD, BIRKHOUSE BOLIER WORKS, PADDOCK, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3150 Permit Version: 1 Receiving Water: RIVER COLNE	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 01/07/1976 Effective Date: 01/07/1976 Revocation Date: 02/11/1994
G	350m N	WILLIAM ARNOLD & SON LTD, BIRKHOUSE BOLIER WORKS, PADDOCK, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3150 Permit Version: 2 Receiving Water: RIVER COLNE	Status: REVOKED - UNSPECIFIED Issue date: 03/11/1994 Effective Date: 03/11/1994 Revocation Date: 15/11/2001

ID	Location	Address	Details	
H	369m NW	RMC (YORKS) LTD, CENTRAL MIXING, MILLGATE, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 2282 Permit Version: 1 Receiving Water: RIVER COLNE	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 13/09/1967 Effective Date: 13/09/1967 Revocation Date: 02/06/1993
H	369m NW	RMC (YORKS) LTD, CENTRAL MIXING, MILLGATE, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 2282 Permit Version: 2 Receiving Water: RIVER COLNE	Status: REVOKED - UNSPECIFIED Issue date: 03/06/1993 Effective Date: 03/06/1993 Revocation Date: 20/05/2018
G	386m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
I	408m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 2773 Permit Version: 1 Receiving Water: RIVER COLNE	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 07/10/1971 Effective Date: 07/10/1971 Revocation Date: 20/11/2018
I	410m N	PADDOCK FOOT CSO, PADDOCK FOOT/JUNCTION COLNE ST, HUDDERSFIELD, WEST YORKSHIRE, HD1 4RX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 2773 Permit Version: 2 Receiving Water: CULVERTED TRIB OF RIVER COLNE	Status: VARIED UNDER EPR 2010 Issue date: 21/11/2018 Effective Date: 21/11/2018 Revocation Date: -
J	439m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
J	439m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995

ID	Location	Address	Details	
J	439m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995
J	439m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 4 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 06/03/1995 Revocation Date: -
J	444m NE	LONGROYD BRIDGE CSO, LONGROYD BRIDGE, LOCKWOOD, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: YWUCD2/60 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 12/11/1997 Effective Date: 12/11/1997 Revocation Date: -
J	446m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
J	446m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
J	446m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995

ID	Location	Address	Details	
J	446m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 4 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 06/03/1995 Revocation Date: -
J	449m NE	CHARLIE BROWNS CSO, LONGROYD BRIDGE/MANCHESTER ROAD, LONGROYD BRIDGE, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9179 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/08/2007 Effective Date: 23/08/2007 Revocation Date: -
J	449m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
J	449m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
J	449m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995
J	454m NE	LONGROYD MANCH ROAD CSO, LONGROYD BRG/MANCHESTER ROAD, HUDDERSFIELD, WEST YORKSHIRE, HD1 3JB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9301 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 02/01/2008 Effective Date: 02/01/2008 Revocation Date: 30/03/2018
J	454m NE	LONGROYD MANCH ROAD CSO, LONGROYD BRG/MANCHESTER ROAD, HUDDERSFIELD, WEST YORKSHIRE, HD1 3JB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9302 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 02/01/2008 Effective Date: 02/01/2008 Revocation Date: 27/08/2020

ID	Location	Address	Details	
J	460m NE	LONGROYD MANCH ROAD CSO, LONGROYD BRG/MANCHESTER ROAD, HUDDERSFIELD, WEST YORKSHIRE, HD1 3JB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9301 Permit Version: 2 Receiving Water: RIVER COLNE	Status: VARIED UNDER EPR 2010 Issue date: 26/02/2018 Effective Date: 31/03/2018 Revocation Date: -
J	460m NE	LONGROYD MANCH ROAD CSO, LONGROYD BRG/MANCHESTER ROAD, HUDDERSFIELD, WEST YORKSHIRE, HD1 3JB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9302 Permit Version: 2 Receiving Water: RIVER COLNE	Status: VARIED UNDER EPR 2010 Issue date: 28/08/2020 Effective Date: 28/08/2020 Revocation Date: -
J	461m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
J	461m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
J	461m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995
J	489m NE	ST THOMAS ROAD CSO, ST THOMAS' ROAD, LONGROYD BRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD1 3JB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9177 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/08/2007 Effective Date: 23/08/2007 Revocation Date: 27/08/2020
J	494m NE	ST THOMAS ROAD CSO, ST THOMAS' ROAD, LONGROYD BRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD1 3JB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9177 Permit Version: 2 Receiving Water: RIVER COLNE	Status: VARIED UNDER EPR 2010 Issue date: 28/08/2020 Effective Date: 28/08/2020 Revocation Date: -

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	5

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 37**

ID	Location	Details	
1	11m N	Incident Date: 02/11/2003 Incident Identification: 199457 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
11	407m NE	Incident Date: 07/09/2001 Incident Identification: 29509 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
I	420m NE	Incident Date: 15/08/2001 Incident Identification: 24323 Pollutant: Oils and Fuel Pollutant Description: Lubricating Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
J	451m NE	Incident Date: 26/03/2003 Incident Identification: 146150 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	455m NE	Incident Date: 03/09/2003 Incident Identification: 187017 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	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.

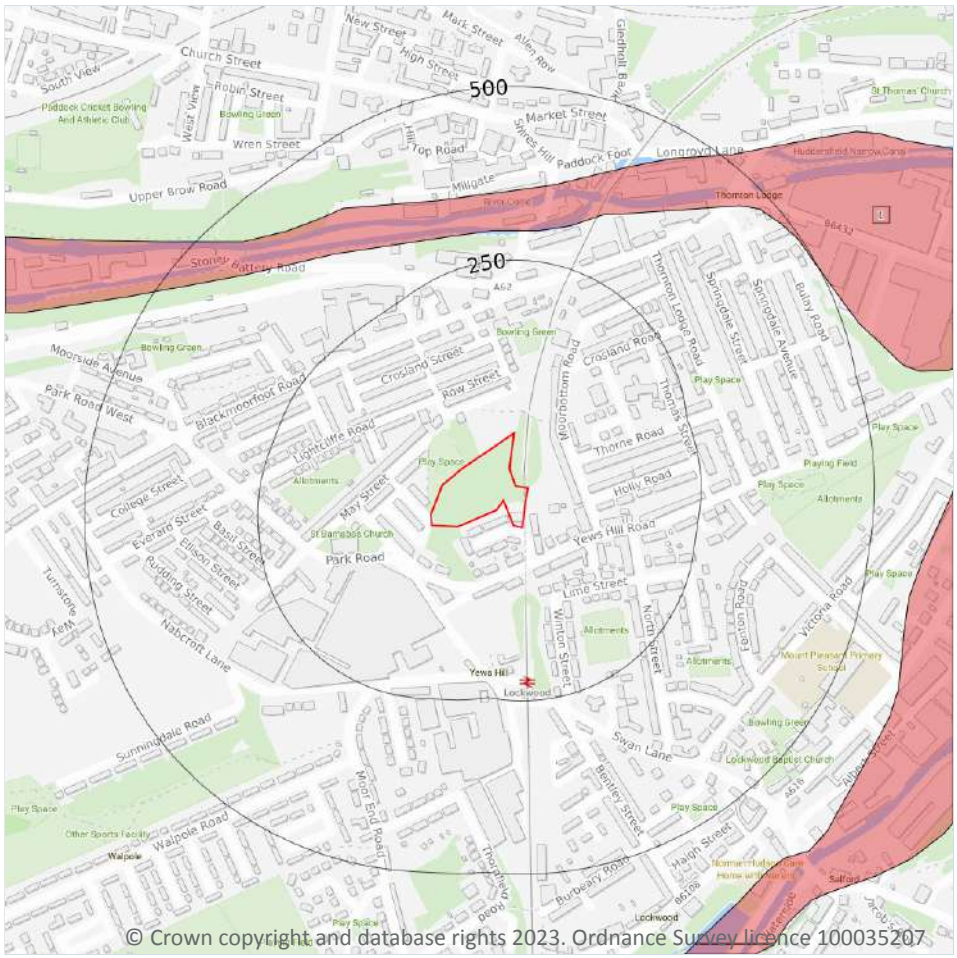
4.21 Pollution inventory radioactive waste

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



© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

Site Outline

Search buffers in metres (m)

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

5.1 Superficial aquifer

Records within 500m	1

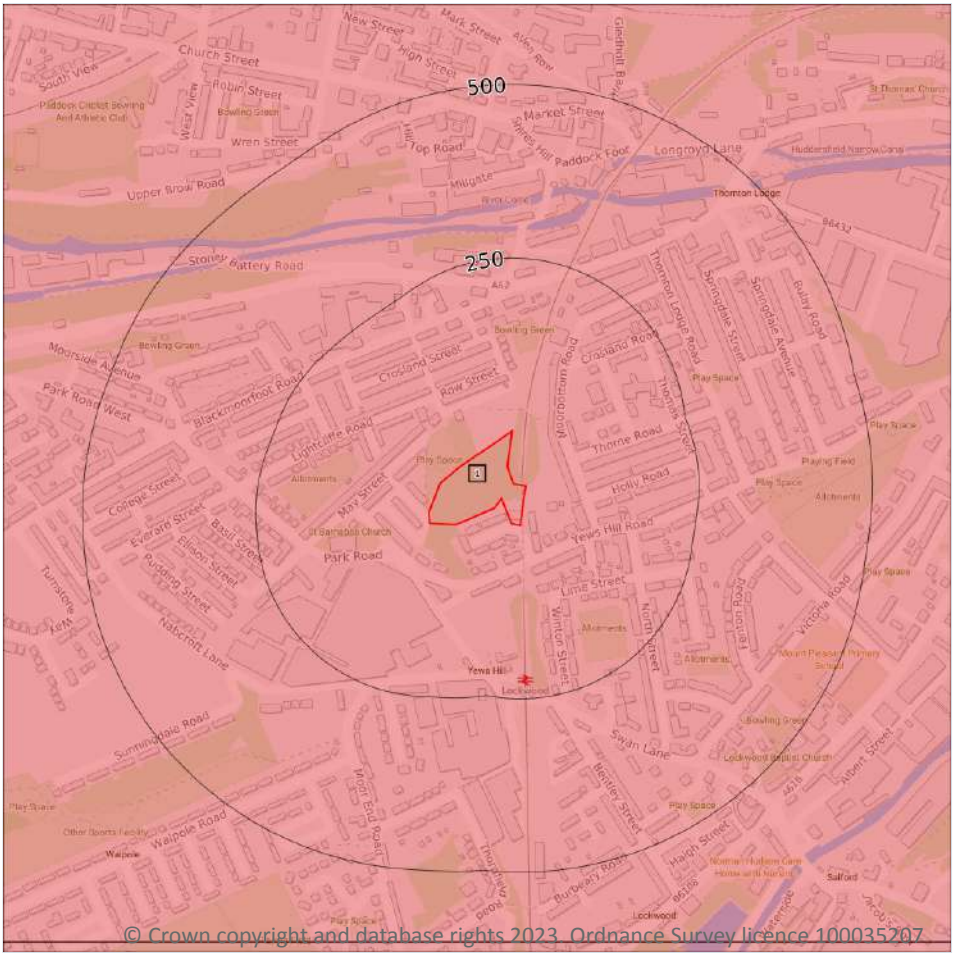
Aquifer status of groundwater held within superficial geology.

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

ID	Location	Designation	Description
1	292m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

Bedrock aquifer



Site Outline

Search buffers in metres (m)

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

5.2 Bedrock aquifer

Records within 500m	1

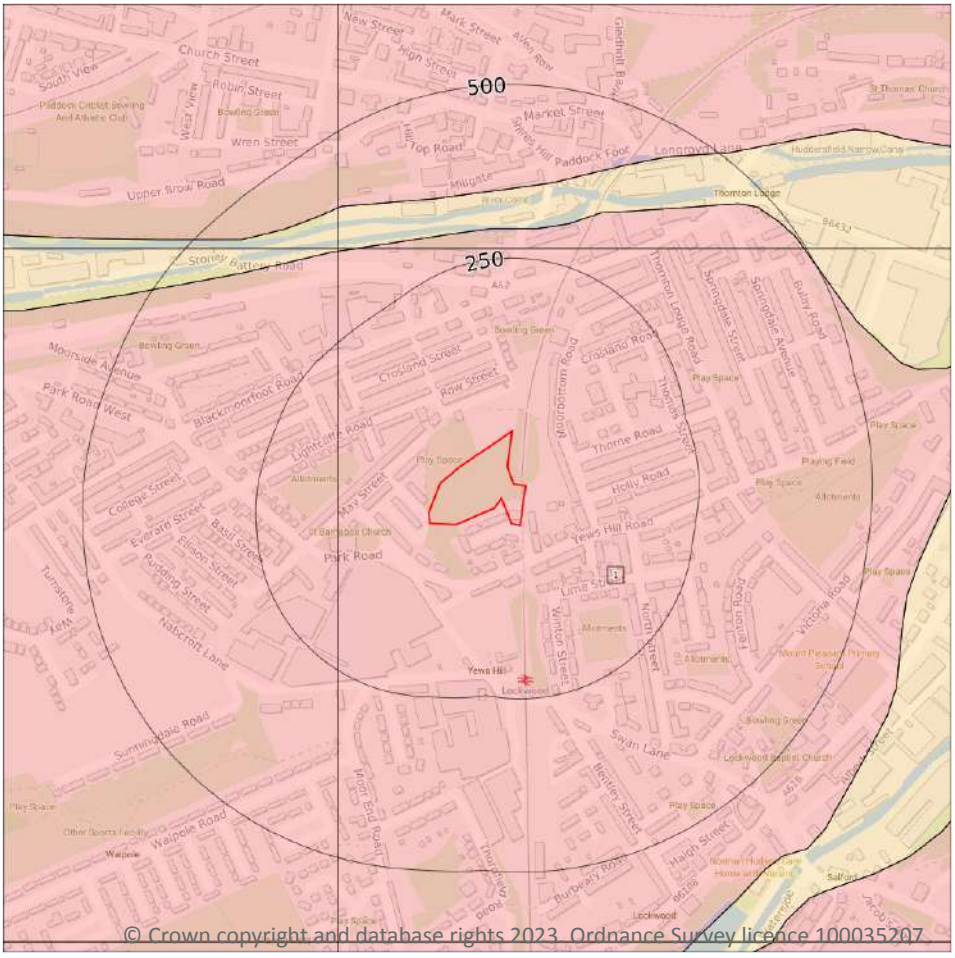
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 52**

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**

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 53**

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

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	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.

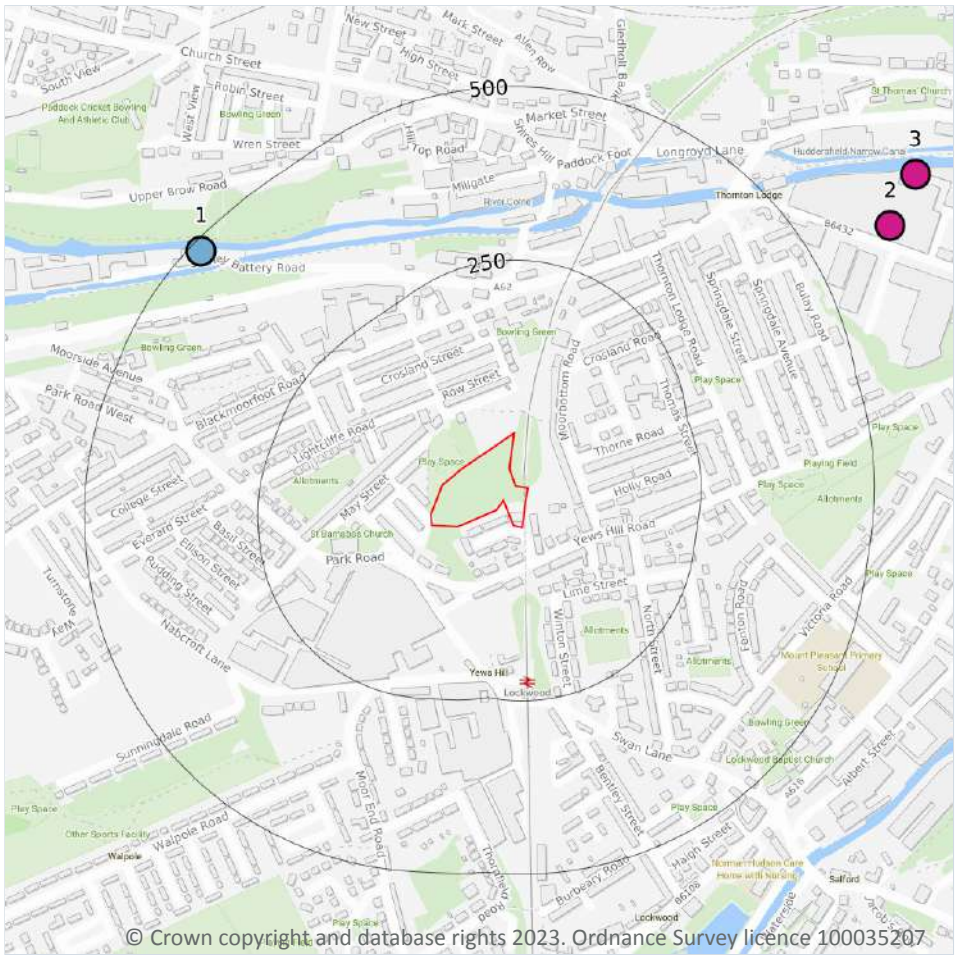
5.5 Groundwater vulnerability- local information

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	16

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 55**

ID	Location	Details	
2	619m NE	Status: Historical Licence No: NE/027/0011/006 Details: Process Water Direct Source: GROUNDWATERS Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD Data Type: Point Name: SKA TEXTILES LTD Easting: 413794 Northing: 416036	Annual Volume (m^3): 200000 Max Daily Volume (m^3): 1272 Original Application No: - Original Start Date: 06/01/2011 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 06/01/2011 Version End Date: -
3	688m NE	Status: Historical Licence No: 2/27/11/190 Details: Process Water Direct Source: GROUNDWATERS Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD Data Type: Point Name: SKA TEXTILES LTD Easting: 413830 Northing: 416110	Annual Volume (m^3): 465000 Max Daily Volume (m^3): 1272 Original Application No: - Original Start Date: 04/02/2005 Expiry Date: 31/12/2010 Issue No: 2 Version Start Date: 18/04/2006 Version End Date: -
-	713m S	Status: Historical Licence No: 2/27/10/008 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: BASS BREWERS (TADCASTER) Easting: 413400 Northing: 414900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 01/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 08/07/1970 Version End Date: -
-	1047m W	Status: Historical Licence No: 2/27/11/037 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JOHN CROWTHER & SONS (MILNSBRIDGE) LTD Easting: 412100 Northing: 415800	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 20/01/1966 Version End Date: -
-	1047m W	Status: Historical Licence No: 2/27/11/037 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - MILLSTONE GRIT - MILNSBRIDGE Data Type: Point Name: JOHN GLADSTONE (DYERS & FINISHERS) LTD Easting: 412100 Northing: 415800	Annual Volume (m^3): 454609 Max Daily Volume (m^3): 1296 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 11/10/2002 Version End Date: -

ID	Location	Details	
-	1078m W	Status: Active Licence No: NE/027/0011/017 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - TNAYARD RD - MILNSBRIDGE Data Type: Point Name: MNS Textiles Ltd Easting: 412077 Northing: 415847	Annual Volume (m^3): 250,000 Max Daily Volume (m^3): 1,000 Original Application No: NPS/WR/015677 Original Start Date: 28/07/2014 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 28/07/2014 Version End Date: -
-	1178m E	Status: Historical Licence No: 2/27/11/176 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD Data Type: Point Name: SKA TEXTILES LTD Easting: 414400 Northing: 416000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/08/1995 Expiry Date: - Issue No: 101 Version Start Date: 08/02/2001 Version End Date: -
-	1226m S	Status: Active Licence No: 2/27/10/069 Details: Water Bottling Direct Source: GROUNDWATERS Point: BOREHOLES X2 - MILLSTONE GRIT - LOCKWOOD Data Type: Point Name: Park Valley Huddersfield Ltd Easting: 412900 Northing: 414400	Annual Volume (m^3): 454,600 Max Daily Volume (m^3): 1,818 Original Application No: NPS/WR/028578 Original Start Date: 17/03/1966 Expiry Date: - Issue No: 105 Version Start Date: 23/05/2018 Version End Date: -
-	1226m S	Status: Active Licence No: 2/27/10/069 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLES X2 - MILLSTONE GRIT - LOCKWOOD Data Type: Point Name: Park Valley Huddersfield Ltd Easting: 412900 Northing: 414400	Annual Volume (m^3): 454,600 Max Daily Volume (m^3): 1,818 Original Application No: NPS/WR/028578 Original Start Date: 17/03/1966 Expiry Date: - Issue No: 105 Version Start Date: 23/05/2018 Version End Date: -

ID	Location	Details	
-	1372m E	Status: Historical Licence No: 2/27/11/176 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: SKA TEXTILES LTD Easting: 414600 Northing: 416000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/08/1995 Expiry Date: - Issue No: 101 Version Start Date: 08/02/2001 Version End Date: -
-	1372m E	Status: Historical Licence No: 2/27/11/176 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD Data Type: Point Name: SKA TEXTILES LTD Easting: 414600 Northing: 416000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/08/1995 Expiry Date: - Issue No: 101 Version Start Date: 08/02/2001 Version End Date: -
-	1384m W	Status: Historical Licence No: 2/27/11/036(G) Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - MILNSBRIDGE Data Type: Point Name: YORKSHIRE WOOL DYEING CO LTD Easting: 411800 Northing: 416000	Annual Volume (m^3): 4546 Max Daily Volume (m^3): 81.828 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1998 Version End Date: -
-	1732m SW	Status: Historical Licence No: 2/27/10/124 Details: Make-Up or Top Up Water Direct Source: GROUNDWATERS Point: BOREHOLE- JOHNSONS WELLFIELD QUARRY-MILLSTONE GRIT Data Type: Point Name: JOHNSONS WELLFIELD QUARRIES LIMITED Easting: 411700 Northing: 414630	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 02/01/2001 Expiry Date: 31/12/2005 Issue No: 1 Version Start Date: 02/01/2001 Version End Date: -

ID	Location	Details	
-	1732m SW	Status: Historical Licence No: 2/27/10/124 Details: Make-Up or Top Up Water Direct Source: GROUNDWATERS Point: BOREHOLE- MILLSTONE GRIT - WELLFIELD QUARRY Data Type: Point Name: JOHNSONS WELLFIELD QUARRIES LTD Easting: 411700 Northing: 414630	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 02/01/2001 Expiry Date: 31/12/2005 Issue No: 1 Version Start Date: 02/01/2001 Version End Date: -
-	1861m NE	Status: Historical Licence No: 2/27/11/193 Details: Non-Evaporative Cooling Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD Data Type: Point Name: KIRKLEES METROPOLITAN COUNCIL Easting: 414580 Northing: 417040	Annual Volume (m^3): 2400 Max Daily Volume (m^3): 85 Original Application No: - Original Start Date: 18/05/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 01/04/2008 Version End Date: -
-	1861m NE	Status: Active Licence No: 2/27/11/193/R01 Details: Heat Pump Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD Data Type: Point Name: Kirklees Council Easting: 414584 Northing: 417037	Annual Volume (m^3): 32,000 Max Daily Volume (m^3): 357 Original Application No: NPS/WR/025885 Original Start Date: 17/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 02/10/2017 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	28

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 55**

ID	Location	Details	
1	485m NW	Status: Historical Licence No: 2/27/11/148 Details: General use relating to Secondary Category (Low Loss) Direct Source: SURFACE WATER Point: HUDDERSFIELD CANAL Data Type: Point Name: BRITISH WATERWAYS BOARD Easting: 412800 Northing: 416000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 26/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 08/10/1979 Version End Date: -
-	935m W	Status: Historical Licence No: 2/27/11/038 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: CATCHPIT - MILNSBRIDGE Data Type: Point Name: JOHN GLADSTONE (DYERS & FINISHERS) LTD Easting: 412200 Northing: 415700	Annual Volume (m^3): 90922 Max Daily Volume (m^3): 300 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 103 Version Start Date: 05/06/2003 Version End Date: -
-	939m E	Status: Historical Licence No: 2/27/10/009 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER HOLME Data Type: Point Name: TAYLOR & LODGE LTD Easting: 414200 Northing: 415800	Annual Volume (m^3): 54552 Max Daily Volume (m^3): 327.312 Original Application No: - Original Start Date: 01/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1965 Version End Date: -
-	939m E	Status: Historical Licence No: 2/27/10/009 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER HOLME - HUDDERSFIELD Data Type: Point Name: TAYLOR & LODGE LTD Easting: 414200 Northing: 415800	Annual Volume (m^3): 54552 Max Daily Volume (m^3): 327.312 Original Application No: - Original Start Date: 01/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1965 Version End Date: -

ID	Location	Details	
-	991m NE	Status: Active Licence No: NE/027/0011/011 Details: Non-Evaporative Cooling Direct Source: SURFACE WATER Point: HUDDERSFIELD NARROW CANAL Data Type: Point Name: Canal and River Trust Easting: 414179 Northing: 416087	Annual Volume (m^3): 1,684,800 Max Daily Volume (m^3): 7,560 Original Application No: NPS/WR/008366 Original Start Date: 24/04/2012 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/04/2012 Version End Date: -
-	1003m S	Status: Active Licence No: 2/27/10/126/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER HOLME - LOCKWOOD Data Type: Point Name: HUDDERSFIELD RUGBY UNION FOOTBALL CLUB LTD Easting: 413120 Northing: 414600	Annual Volume (m^3): 4,800 Max Daily Volume (m^3): 136 Original Application No: NPS/WR017082 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2019 Version End Date: -
-	1047m W	Status: Historical Licence No: 2/27/11/038 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: CATCHPIT Data Type: Point Name: JOHN CROWTHER & SONS (MILNSBRIDGE) LTD Easting: 412100 Northing: 415800	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 20/01/1966 Version End Date: -
-	1069m W	Status: Historical Licence No: 2/27/11/144 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: HUDDERSFIELD CANAL Data Type: Point Name: BRITISH WATERWAYS BOARD Easting: 412100 Northing: 415900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 26/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/03/1980 Version End Date: -
-	1102m S	Status: Historical Licence No: 2/27/10/121 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER HOLME Data Type: Point Name: HUDDERSFIELD RUGBY UNION FOOTBALL CLUB Easting: 413200 Northing: 414500	Annual Volume (m^3): 7208 Max Daily Volume (m^3): 136 Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 31/10/2006 Issue No: 101 Version Start Date: 11/01/2000 Version End Date: -

ID	Location	Details	
-	1102m S	Status: Historical Licence No: 2/27/10/126 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER HOLME Data Type: Point Name: HUDDERSFIELD RUGBY UNION FOOTBALL CLUB Easting: 413200 Northing: 414500	Annual Volume (m^3): 4800 Max Daily Volume (m^3): 136 Original Application No: - Original Start Date: 01/01/2007 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/01/2007 Version End Date: -
-	1102m S	Status: Historical Licence No: 2/27/10/126 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER HOLME - LOCKWOOD Data Type: Point Name: HUDDERSFIELD RUGBY UNION FOOTBALL CLUB Easting: 413200 Northing: 414500	Annual Volume (m^3): 4800 Max Daily Volume (m^3): 136 Original Application No: - Original Start Date: 01/01/2007 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/01/2007 Version End Date: -
-	1309m E	Status: Historical Licence No: 2/27/11/175 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: HUDDERSFIELD NARROW CANAL Data Type: Line Name: BRITISH WATERWAYS BOARD Easting: 414650 Northing: 416010	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 22/09/1994 Expiry Date: - Issue No: 100 Version Start Date: 22/09/1994 Version End Date: -
-	1407m SE	Status: Historical Licence No: 2/27/10/029 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: HEBBLE DYKE Data Type: Point Name: DUNSLEY ENGINEERS LTD Easting: 413800 Northing: 414300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/06/1988 Version End Date: -
-	1407m SE	Status: Historical Licence No: 2/27/10/029 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: HEBBLE DYKE Data Type: Point Name: DUNSLEY ENGINEERS LTD Easting: 413800 Northing: 414300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/06/1988 Version End Date: -

ID	Location	Details	
-	1423m E	Status: Historical Licence No: 2/27/11/175 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: HUDDERSFIELD NARROW CANAL Data Type: Line Name: BRITISH WATERWAYS BOARD Easting: 414650 Northing: 416010	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 22/09/1994 Expiry Date: - Issue No: 101 Version Start Date: 10/03/2003 Version End Date: -
-	1459m W	Status: Historical Licence No: 2/27/11/036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER COLNE - MILNSBRIDGE Data Type: Point Name: YORKSHIRE WOOL DYEING CO LTD Easting: 411717 Northing: 415978	Annual Volume (m^3): 68190 Max Daily Volume (m^3): 273.7 Original Application No: - Original Start Date: 25/06/2014 Expiry Date: - Issue No: 2 Version Start Date: 20/08/2014 Version End Date: -
-	1479m E	Status: Historical Licence No: 2/27/11/175 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: HUDDERSFIELD NARROW CANAL Data Type: Line Name: Canal and River Trust Easting: 414690 Northing: 416080	Annual Volume (m^3): 1,250,000 Max Daily Volume (m^3): 3,960 Original Application No: - Original Start Date: 22/09/1994 Expiry Date: - Issue No: 103 Version Start Date: 21/01/2008 Version End Date: -
-	1481m W	Status: Historical Licence No: 2/27/11/036(S) Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: YORKSHIRE WOOL DYEING CO LTD Easting: 411700 Northing: 416000	Annual Volume (m^3): 68190 Max Daily Volume (m^3): 273.669 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1998 Version End Date: -

ID	Location	Details	
-	1481m W	Status: Historical Licence No: 2/27/11/036(S) Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER COLNE - MILNSBRIDGE Data Type: Point Name: YORKSHIRE WOOL DYEING CO LTD Easting: 411700 Northing: 416000	Annual Volume (m^3): 68190 Max Daily Volume (m^3): 273.669 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1998 Version End Date: -
-	1684m NE	Status: Historical Licence No: 2/27/11/160 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: HUDDERSFIELD CANAL Data Type: Point Name: BRITISH WATERWAYS BOARD Easting: 414800 Northing: 416400	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 01/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 17/11/1993 Version End Date: -
-	1734m NE	Status: Historical Licence No: 2/27/11/160 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: HUDDERSFIELD CANAL Data Type: Point Name: Canal and River Trust Easting: 414870 Northing: 416360	Annual Volume (m^3): 700,000 Max Daily Volume (m^3): 3,600 Original Application No: - Original Start Date: 01/03/1974 Expiry Date: - Issue No: 102 Version Start Date: 21/01/2008 Version End Date: -
-	1801m S	Status: Historical Licence No: 2/27/10/089 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: DEAN CLOUGH Data Type: Line Name: JOHN BROOKE & SONS HOLDINGS LTD Easting: 413000 Northing: 413800	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/07/1982 Version End Date: -

ID	Location	Details	
-	1801m S	Status: Historical Licence No: 2/27/10/089 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: SURFACE WATER Point: DEAN CLOUGH Data Type: Line Name: JOHN BROOKE & SONS HOLDINGS LTD Easting: 413000 Northing: 413800	Annual Volume (m^3): 17638 Max Daily Volume (m^3): 76.1 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/07/1982 Version End Date: -
-	1801m S	Status: Historical Licence No: 2/27/10/089 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: DEAN CLOUGH Data Type: Line Name: JOHN BROOKE & SONS HOLDINGS LTD Easting: 413000 Northing: 413800	Annual Volume (m^3): 17638 Max Daily Volume (m^3): 76.1 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/07/1982 Version End Date: -
-	1801m S	Status: Historical Licence No: 2/27/10/089 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: SURFACE WATER Point: DEAN CLOUGH - HUDDERSFIELD Data Type: Line Name: JOHN BROOKE & SONS HOLDINGS LTD Easting: 413000 Northing: 413800	Annual Volume (m^3): 17638 Max Daily Volume (m^3): 76.1 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/07/1982 Version End Date: -
-	1801m S	Status: Historical Licence No: 2/27/10/089 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: DEAN CLOUGH - HUDDERSFIELD Data Type: Line Name: JOHN BROOKE & SONS HOLDINGS LTD Easting: 413000 Northing: 413800	Annual Volume (m^3): 17638 Max Daily Volume (m^3): 76.1 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/07/1982 Version End Date: -

ID	Location	Details	
-	1811m E	Status: Active Licence No: NE/027/0011/023 Details: Supply To A Canal For Throughflow Direct Source: SURFACE WATER Point: RIVER COLNE AT ASPLEY, HUDDERSFIELD Data Type: Point Name: Canal and River Trust Easting: 414997 Northing: 416219	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: NPS/NA/000948 Original Start Date: 31/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 31/03/2021 Version End Date: -
-	1860m W	Status: Historical Licence No: 2/27/11/169 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TRIBUTARY OF LONGWOOD BROOK Data Type: Point Name: EDDIE & BESSIE E FIRTH & JACQUELINE M & JOHN G WALKER Easting: 411400 Northing: 416300	Annual Volume (m^3): 20000 Max Daily Volume (m^3): 350 Original Application No: - Original Start Date: 26/01/1983 Expiry Date: - Issue No: 100 Version Start Date: 20/04/1990 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	**3**

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 55**

ID	Location	Details	
-	1226m S	Status: Active Licence No: 2/27/10/069 Details: Water Bottling Direct Source: GROUNDWATERS Point: BOREHOLES X2 - MILLSTONE GRIT - LOCKWOOD Data Type: Point Name: Park Valley Huddersfield Ltd Easting: 412900 Northing: 414400	Annual Volume (m^3): 454,600 Max Daily Volume (m^3): 1,818 Original Application No: NPS/WR/028578 Original Start Date: 17/03/1966 Expiry Date: - Issue No: 105 Version Start Date: 23/05/2018 Version End Date: -

ID	Location	Details	
-	1801m S	Status: Historical Licence No: 2/27/10/089 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: SURFACE WATER Point: DEAN CLOUGH Data Type: Line Name: JOHN BROOKE & SONS HOLDINGS LTD Easting: 413000 Northing: 413800	Annual Volume (m^3): 17638 Max Daily Volume (m^3): 76.1 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/07/1982 Version End Date: -
-	1801m S	Status: Historical Licence No: 2/27/10/089 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: SURFACE WATER Point: DEAN CLOUGH - HUDDERSFIELD Data Type: Line Name: JOHN BROOKE & SONS HOLDINGS LTD Easting: 413000 Northing: 413800	Annual Volume (m^3): 17638 Max Daily Volume (m^3): 76.1 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 27/07/1982 Version End Date: -

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

© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m	0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	0

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.

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 68**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	**On site**	**River**	**Colne from Wessenden Brook to R Holme**	**GB104027063330**	**Colne and Holme**	**Aire and Calder**

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 68**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
6	328m N	River	Colne from Wessenden Brook to R Holme	GB104027063330	Moderate	Fail	Moderate	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 68**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	**On site**	**Aire & Calder Carb Limestone / Millstone Grit / Coal Measures.**	**GB40402G700400**	**Poor**	**Poor**	**Good**	**2019**

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

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m	0

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

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

7.2 Historical Flood Events

Records within 250m	0

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

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

7.3 Flood Defences

Records within 250m	0

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m	0

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

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

7.5 Flood Storage Areas

Records within 250m	0

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

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

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0

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

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

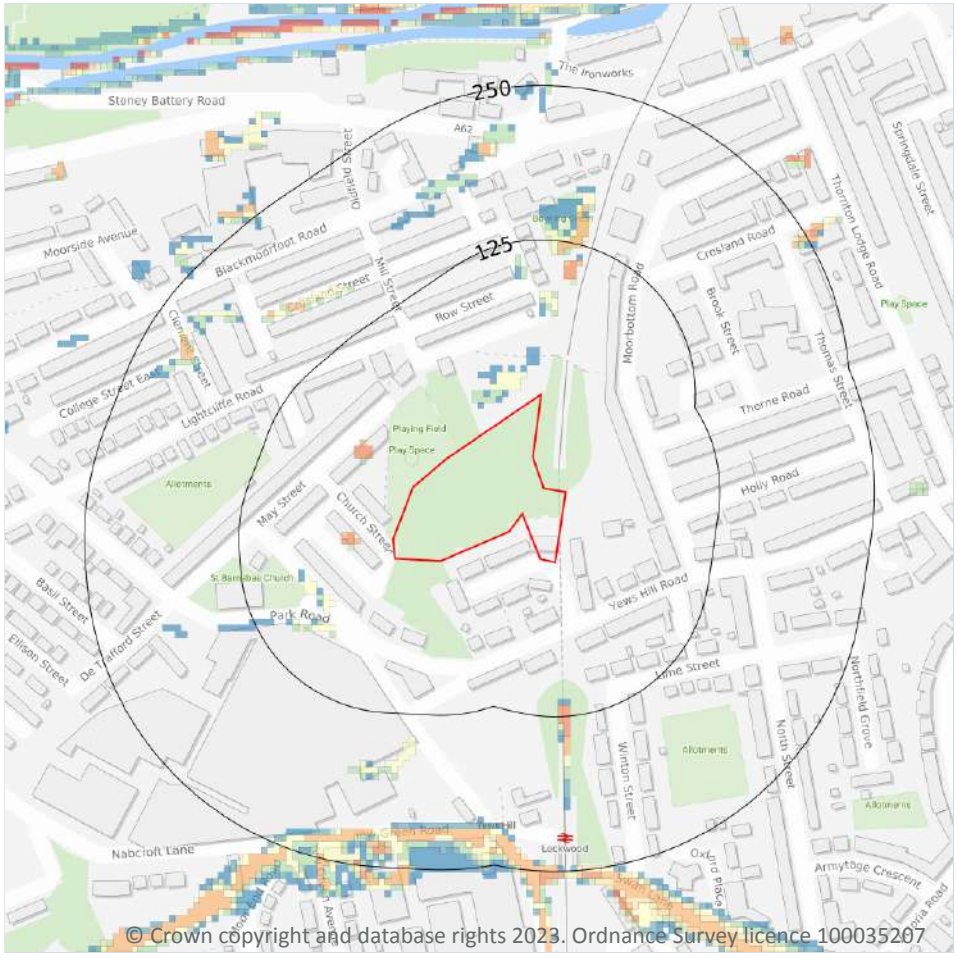
7.7 Flood Zone 3

Records within 50m	0

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

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

8 Surface water flooding



Site Outline

Search buffers in metres (m)

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

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

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

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

8.1 Surface water flooding

Highest risk on site	**Negligible**
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 74**

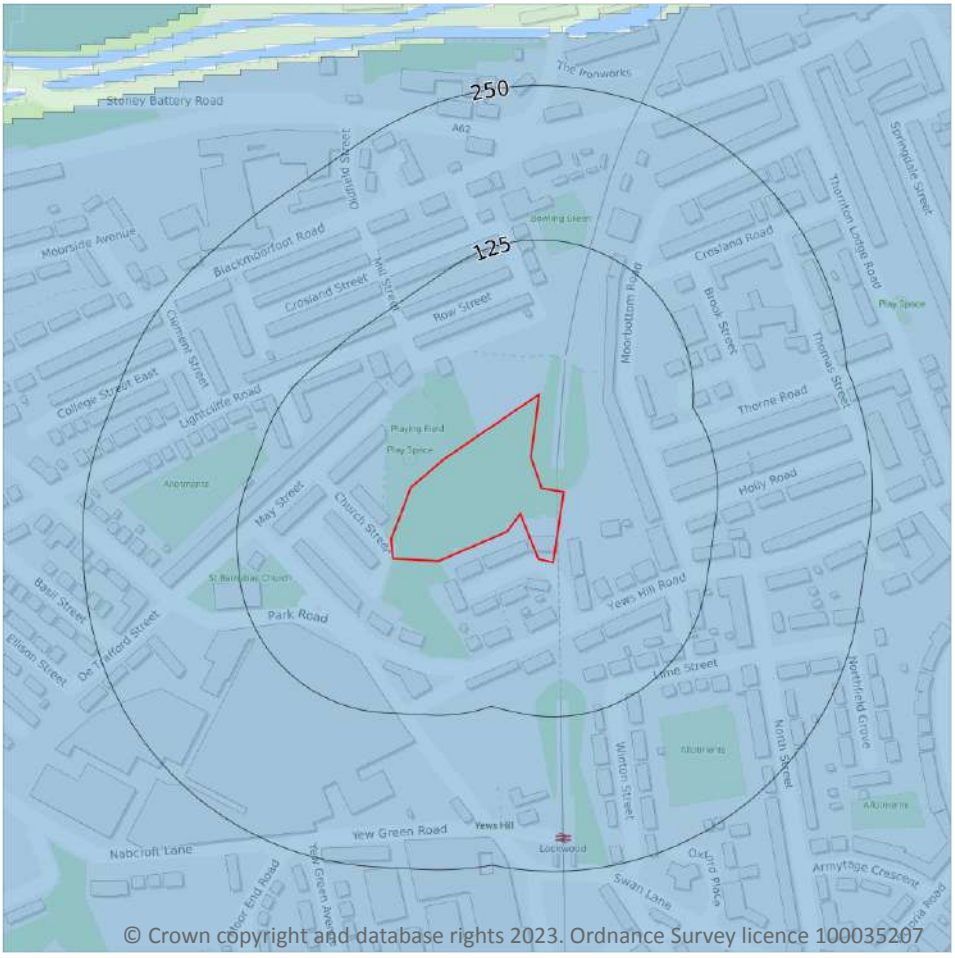
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

Site Outline

Search buffers in metres (m)

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

9.1 Groundwater flooding

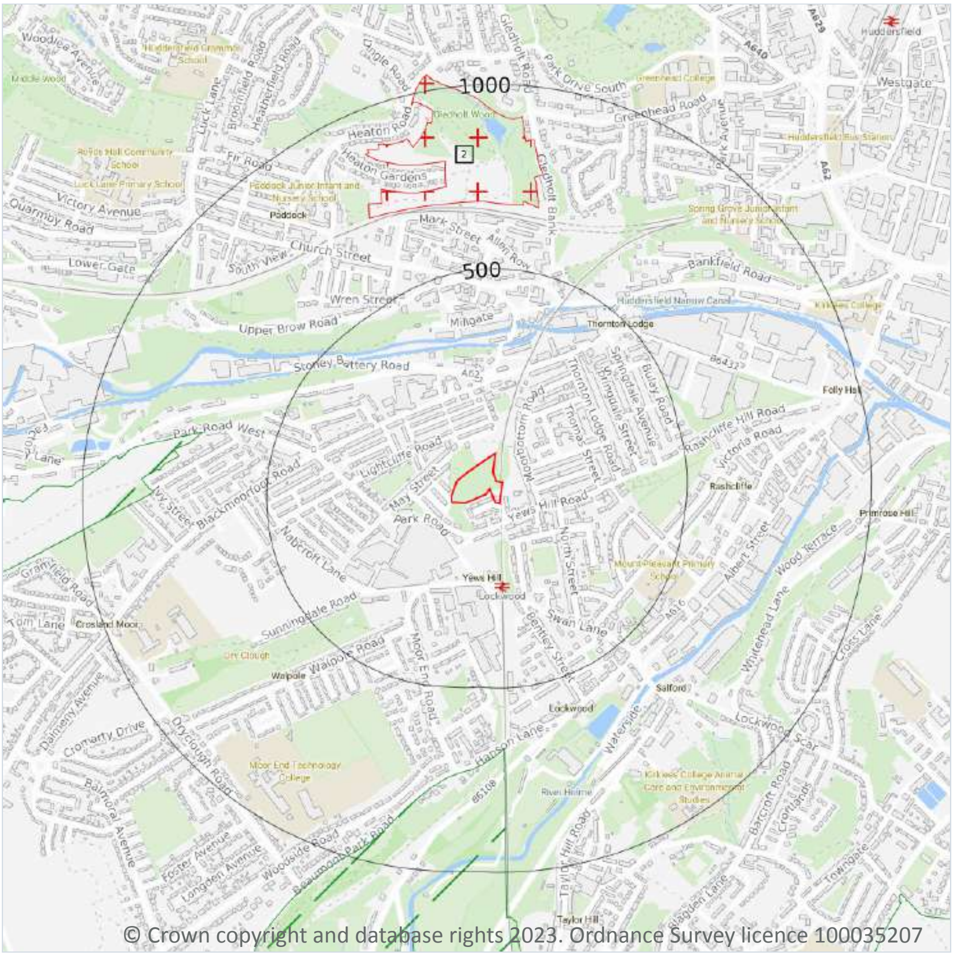
Highest risk on site	**Negligible**
Highest risk within 50m	**Negligible**

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

Features are displayed on the Groundwater flooding map on **page 76**

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 77**

ID	Location	Name	Data source
2	676m N	Gledholt Woods	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 77**

ID	Location	Name	Woodland Type
-	1751m SW	Butter Nab Spring	Ancient & Semi-Natural Woodland
-	1844m S	Daffy Wood	Ancient Replanted Woodland

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

10.8 Biosphere Reserves

Records within 2000m	0

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

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

10.9 Forest Parks

Records within 2000m	0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

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

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

10.11 Green Belt

Records within 2000m	1

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

Features are displayed on the Environmental designations map on **page 77**

ID	Location	Name	Local Authority name
1	666m S	South and West Yorkshire	Kirklees

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.

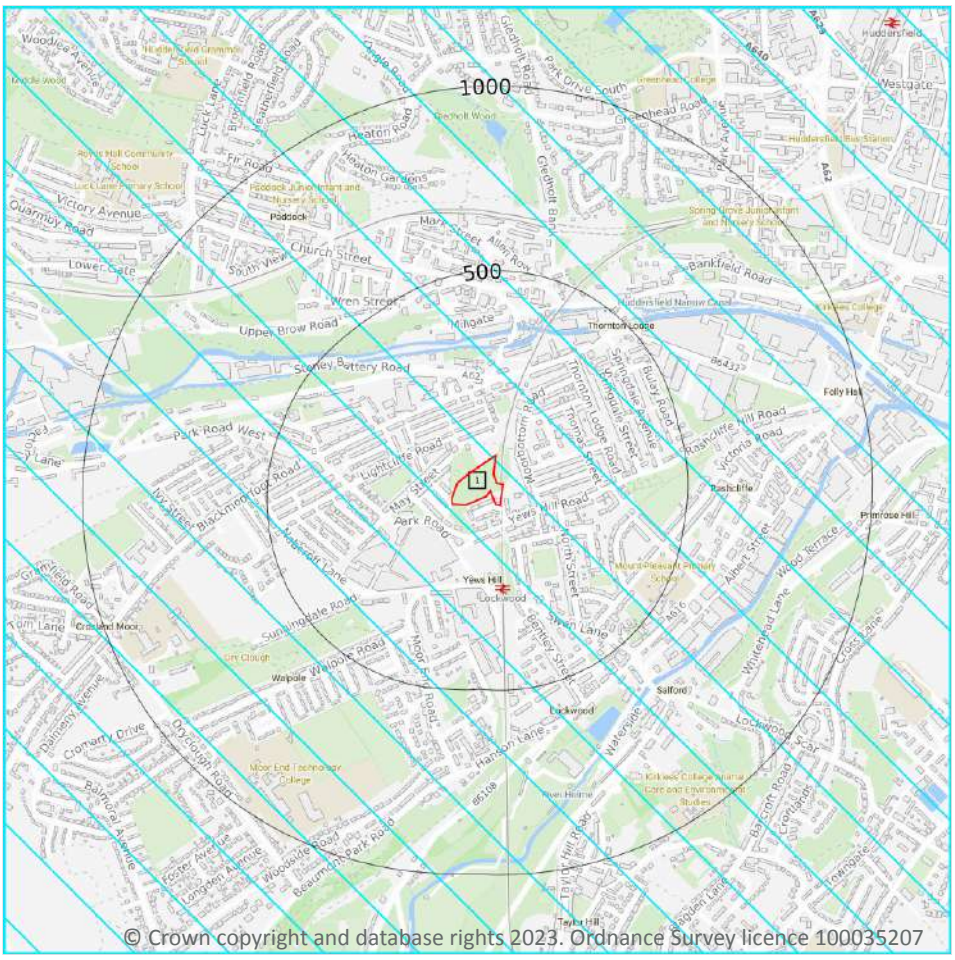
10.16 Nitrate Vulnerable Zones

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 82**

ID	Location	Type of developments requiring consultation
1	**On site**	**Infrastructure - Airports, helipads and other aviation proposals.** **Minerals, Oil and Gas - Oil & gas exploration/extraction.** **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

© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

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	1

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

Features are displayed on the Visual and cultural designations map on **page 84**

ID	Location	Name	Grade	Reference Number	Listed date
1	191m N	271, Manchester Road, Crosland Moor and Netherton, Kirklees, HD4	II	1134953	29/09/1978

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

11.5 Conservation Areas

Records within 250m	0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m	0

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

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

11.7 Registered Parks and Gardens

Records within 250m	0

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

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

12 Agricultural designations

Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	1

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

Features are displayed on the Agricultural designations map on **page 87**

ID	Location	Classification	Description
1	**On site**	**Urban**	**-**

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0

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

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

12.3 Tree Felling Licences

Records within 250m	0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	0

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

This data is sourced from Natural England.

13 Habitat designations

Site Outline

Search buffers in metres (m)

Priority Habitat Inventory
Open Mosaic Habitat
Limestone Pavement Orders

Habitat Networks
Primary Habitat
Restorable Habitat
Associated Habitats
Habitat Restoration-Creation
Network Enhancement Zone 1
Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m	0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	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 89**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	2m N	NLUD Ref: 471801669	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	-

This data is sourced from Natural England.

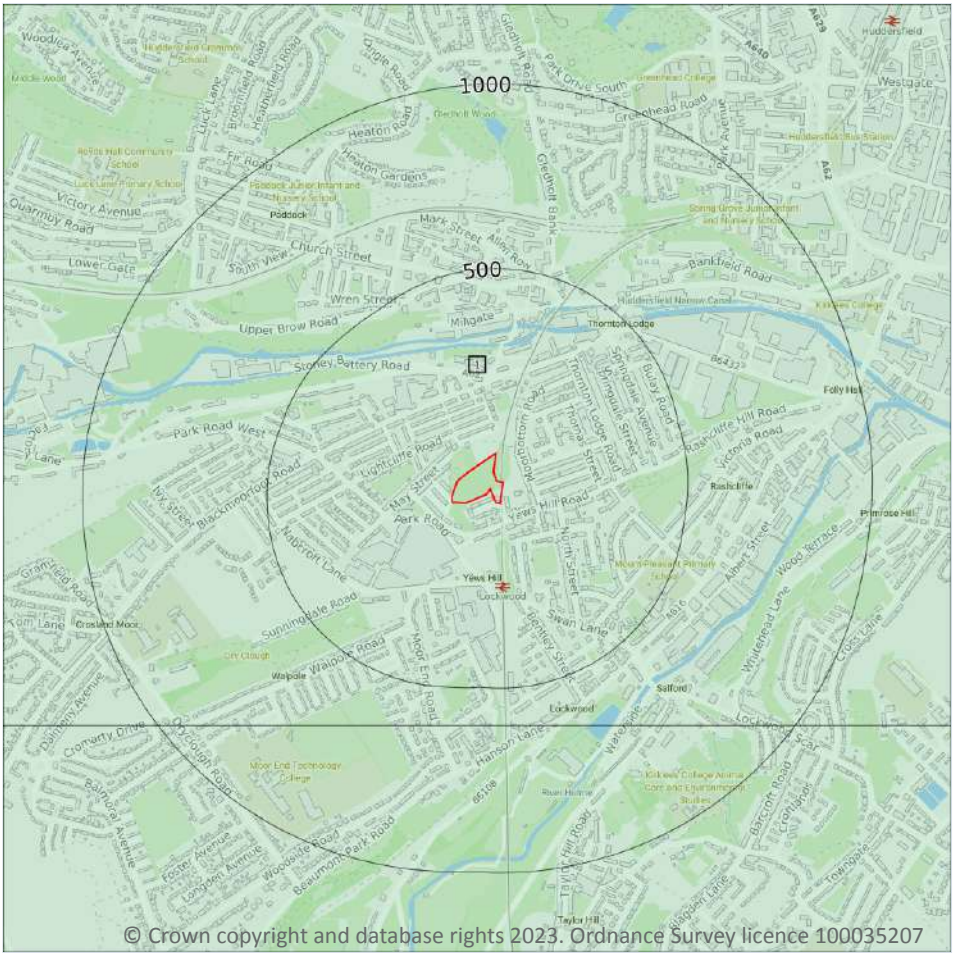
13.4 Limestone Pavement Orders

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	1

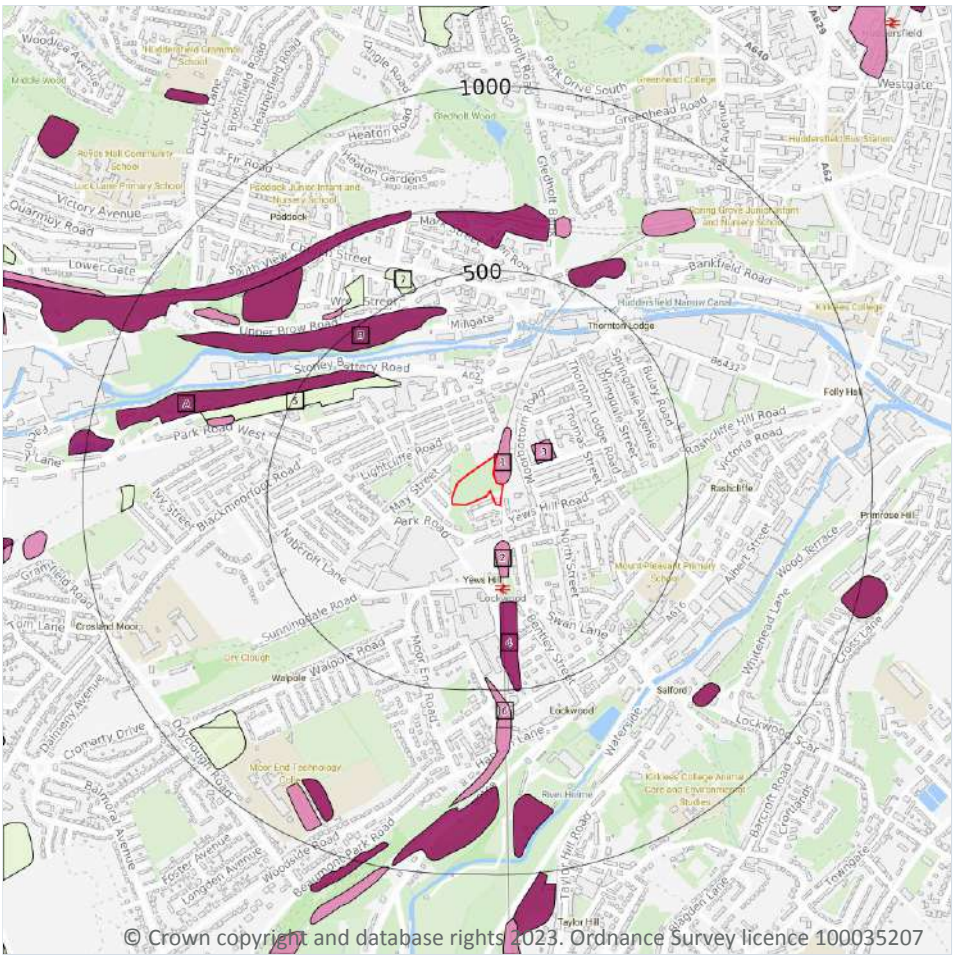
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 91**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**SE11NW**

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	9

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.

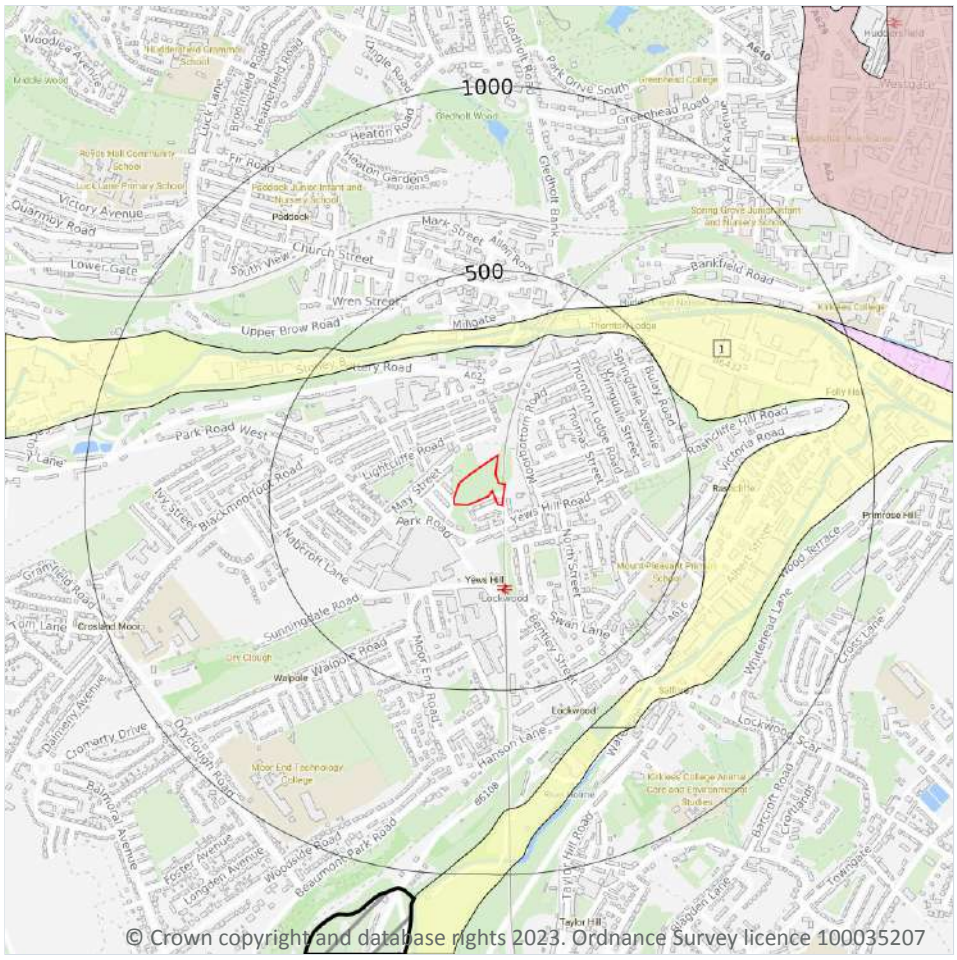
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 92**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**WGR-VOID**	**Worked Ground (Undivided)**	**Void**
2	96m SE	WGR-VOID	Worked Ground (Undivided)	Void
3	99m NE	WGR-VOID	Worked Ground (Undivided)	Void
4	262m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

ID	Location	LEX Code	Description	Rock description
5	303m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
A	362m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	404m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	468m S	WGR-VOID	Worked Ground (Undivided)	Void
7	495m N	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	1

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 94**

ID	Location	LEX Code	Description	Rock description
1	295m N	ALV-XCSV	Alluvium - Clay, Sand And Gravel	Clay, Sand And Gravel

This data is sourced from the British Geological Survey.

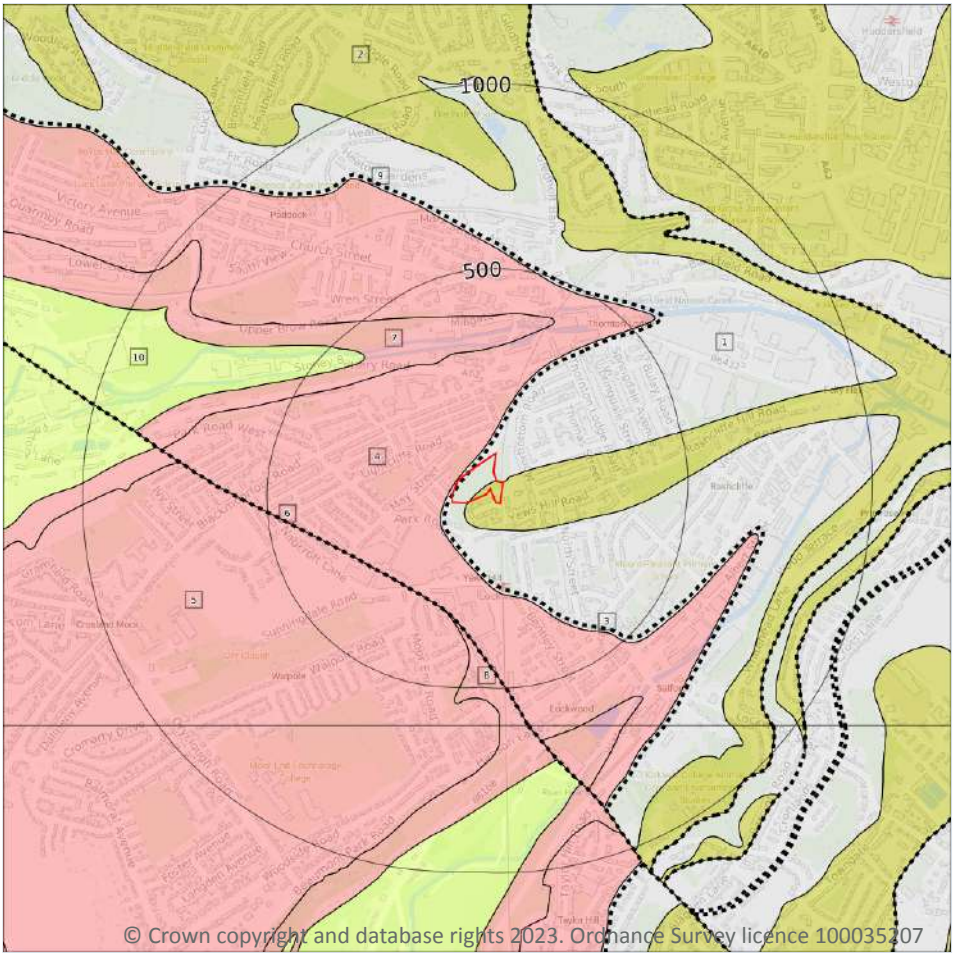
14.4 Landslip (10k)

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 96**

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	**On site**	**SBF-SDST**	**Soft Bed Flags - Sandstone**	**Langsettian Sub-age**
4	3m W	RR-SDST	Rough Rock - Sandstone	Yeadonian Sub-age

ID	Location	LEX Code	Description	Rock age
5	259m SW	RR-SDST	Rough Rock - Sandstone	Yeadonian Sub-age
7	283m N	RF-SDST	Rough Rock Flags - Sandstone	Yeadonian Sub-age
8	290m S	RF-SDST	Rough Rock Flags - Sandstone	Yeadonian Sub-age
10	414m NW	MG-MDSS	Millstone Grit Group [see Also Migr] - Mudstone, Siltstone And Sandstone	Namurian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**3**

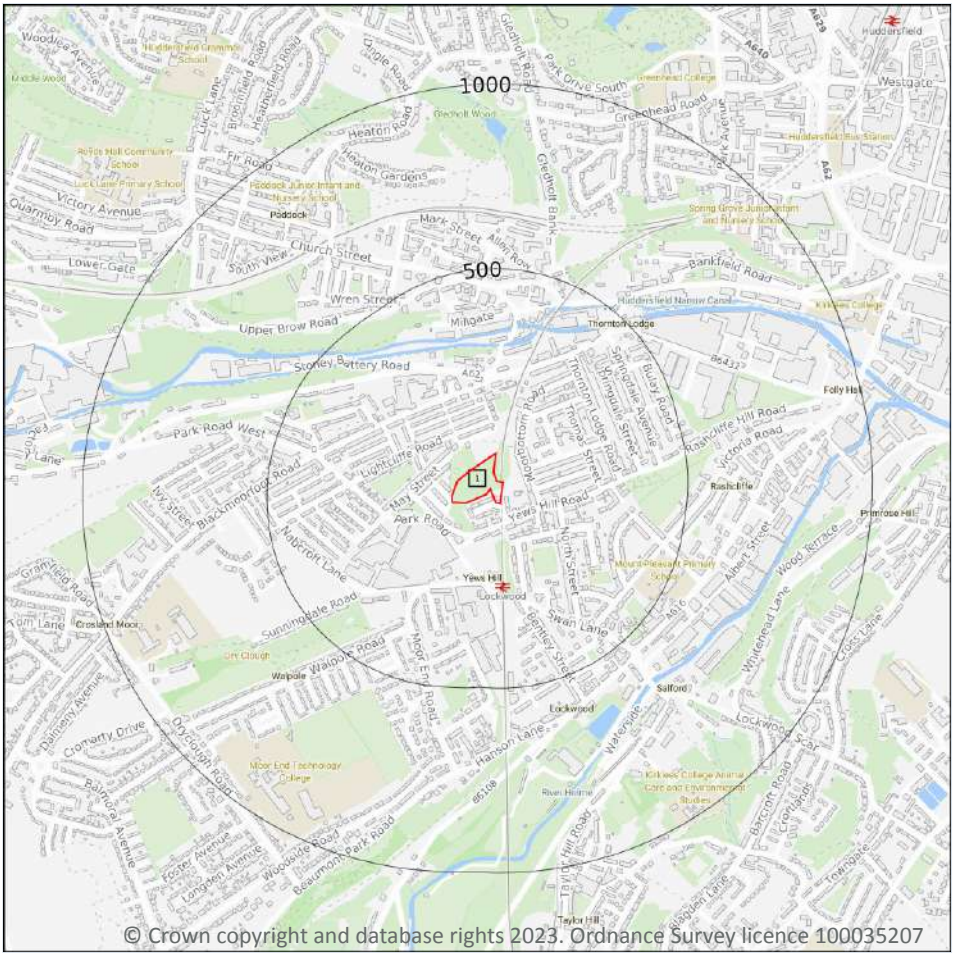
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 96**

ID	Location	Category	Description
3	**On site**	**FOSSIL_HORIZON**	**Fossil horizon, marine band**
6	259m SW	FAULT	Normal fault, inferred; crossmarks on downthrow side
9	367m NE	FOSSIL_HORIZON	Fossil horizon, marine band

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

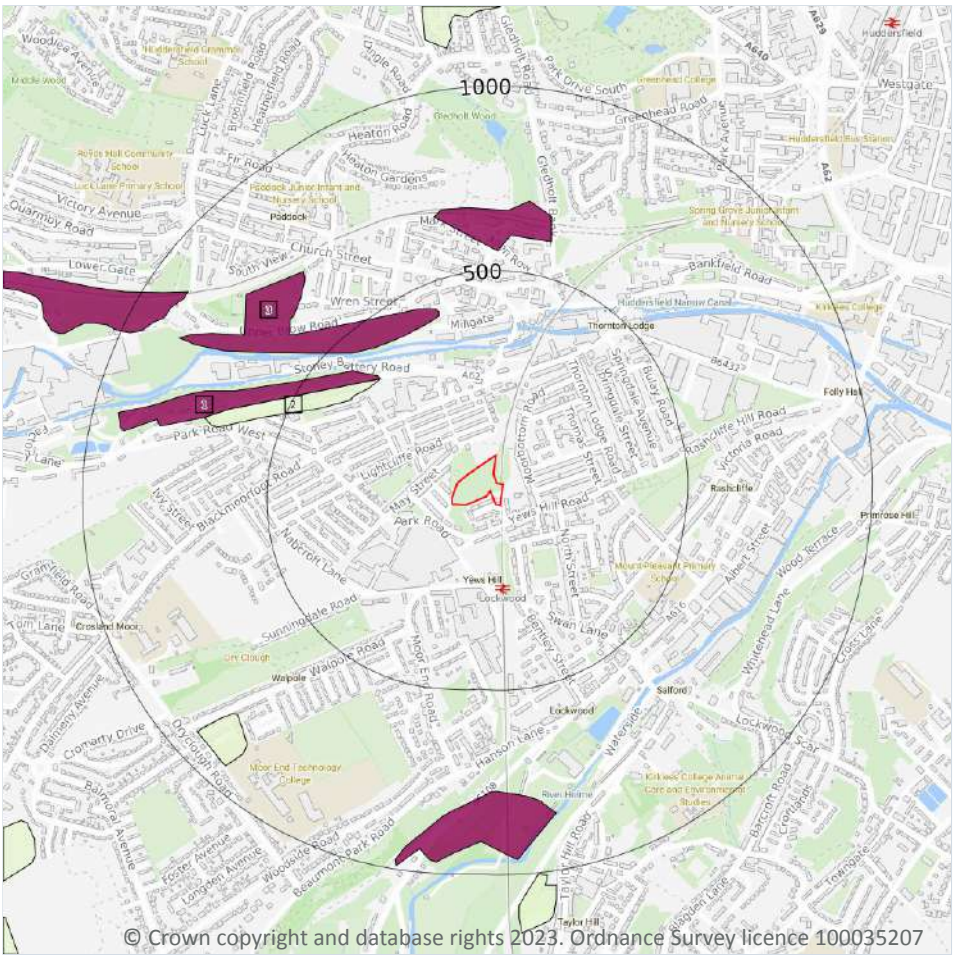
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 98**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW077_huddersfield_v4**

This data is sourced from the British Geological Survey.

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



Site Outline

Search buffers in metres (m)

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

15.2 Artificial and made ground (50k)

Records within 500m	3

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 99**

ID	Location	LEX Code	Description	Rock description
1	350m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	351m NW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
3	402m N	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

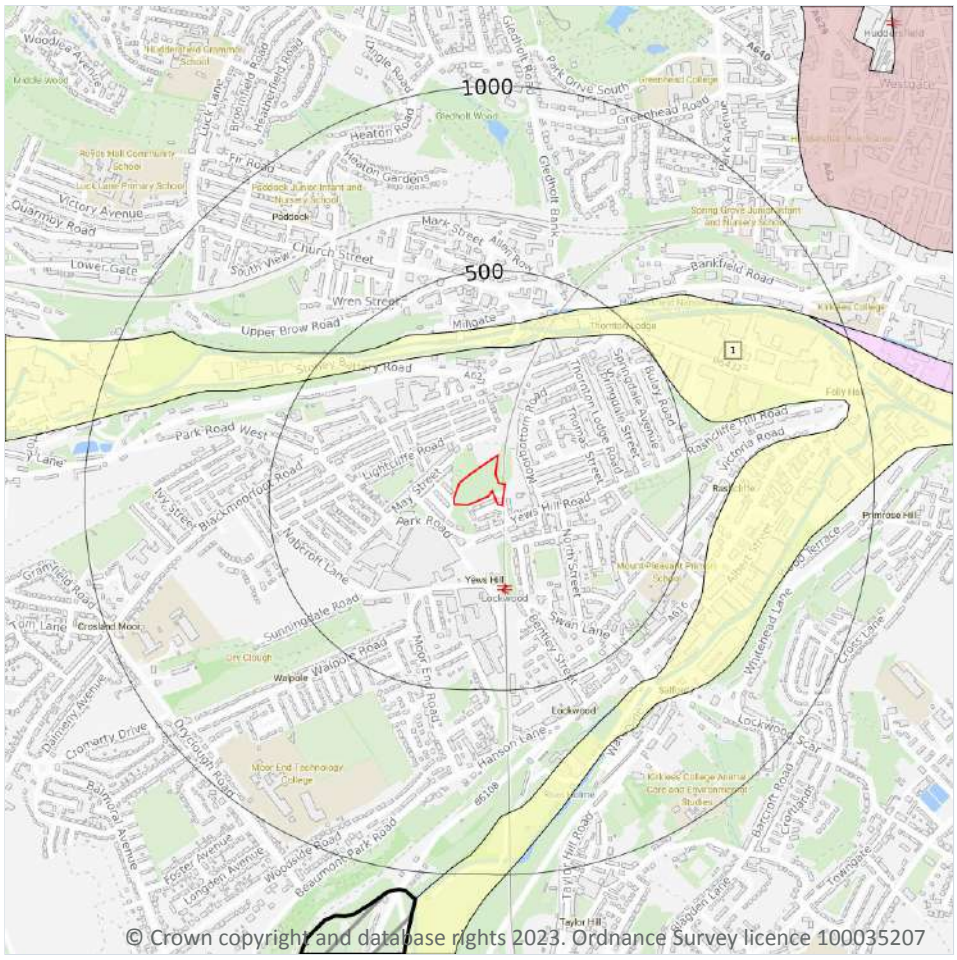
15.3 Artificial ground permeability (50k)

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	1

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 101**

ID	Location	LEX Code	Description	Rock description
1	292m N	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	**0**

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	**0**

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

This data is sourced from the British Geological Survey.

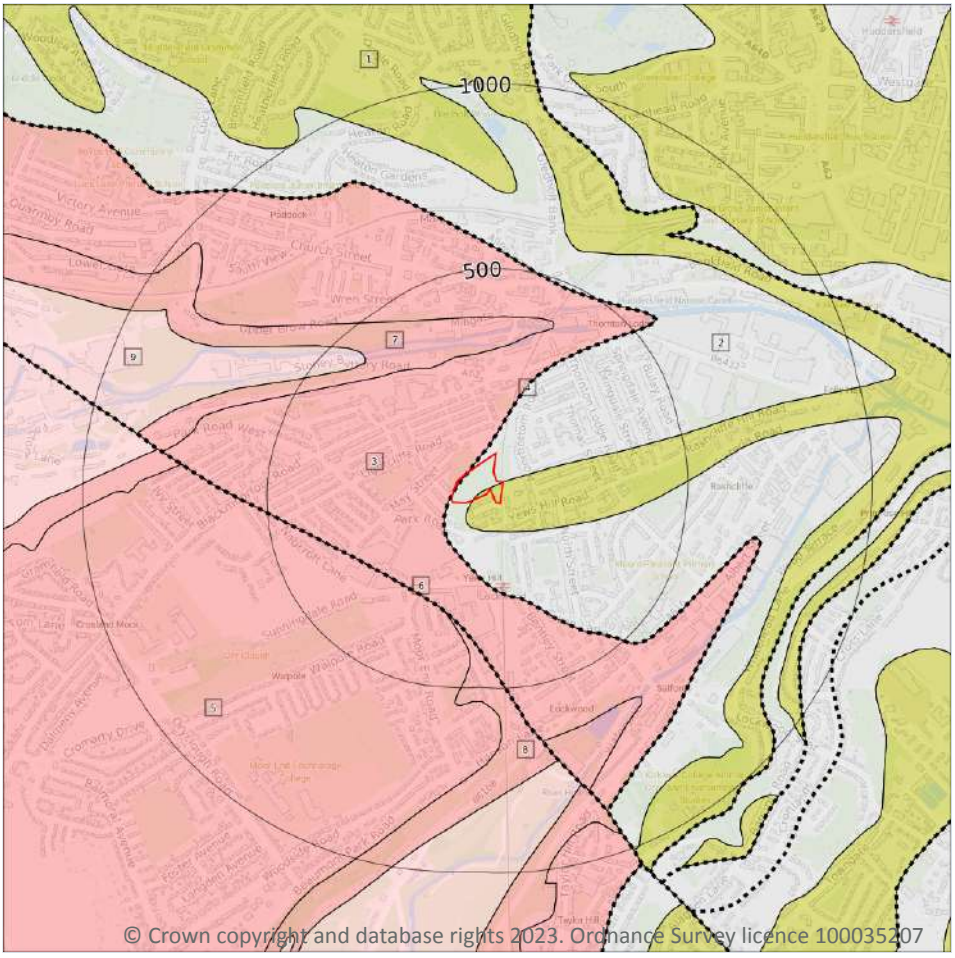
15.7 Landslip permeability (50k)

Records within 50m	**0**

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

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

15.8 Bedrock geology (50k)

Records within 500m	7

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 103**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**SBF-SDST**	**SOFT BED FLAGS - SANDSTONE**	**WESTPHALIAN**
2	**On site**	**PLCM-MDSS**	**PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
3	**On site**	**RR-SDST**	**ROUGH ROCK - SANDSTONE**	**NAMURIAN**

ID	Location	LEX Code	Description	Rock age
5	260m SW	RR-SDST	ROUGH ROCK - SANDSTONE	NAMURIAN
7	274m N	RF-SDST	ROUGH ROCK FLAGS - SANDSTONE	NAMURIAN
8	295m S	RF-SDST	ROUGH ROCK FLAGS - SANDSTONE	NAMURIAN
9	406m NW	ROSSE-MDSI	ROSSENDALE FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**3**

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**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
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	**2**

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 103**

ID	Location	Category	Description
4	**On site**	**FOSSIL_HORIZON**	**Marine band**
6	260m SW	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.

16 Boreholes

© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

Site Outline

Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m	3

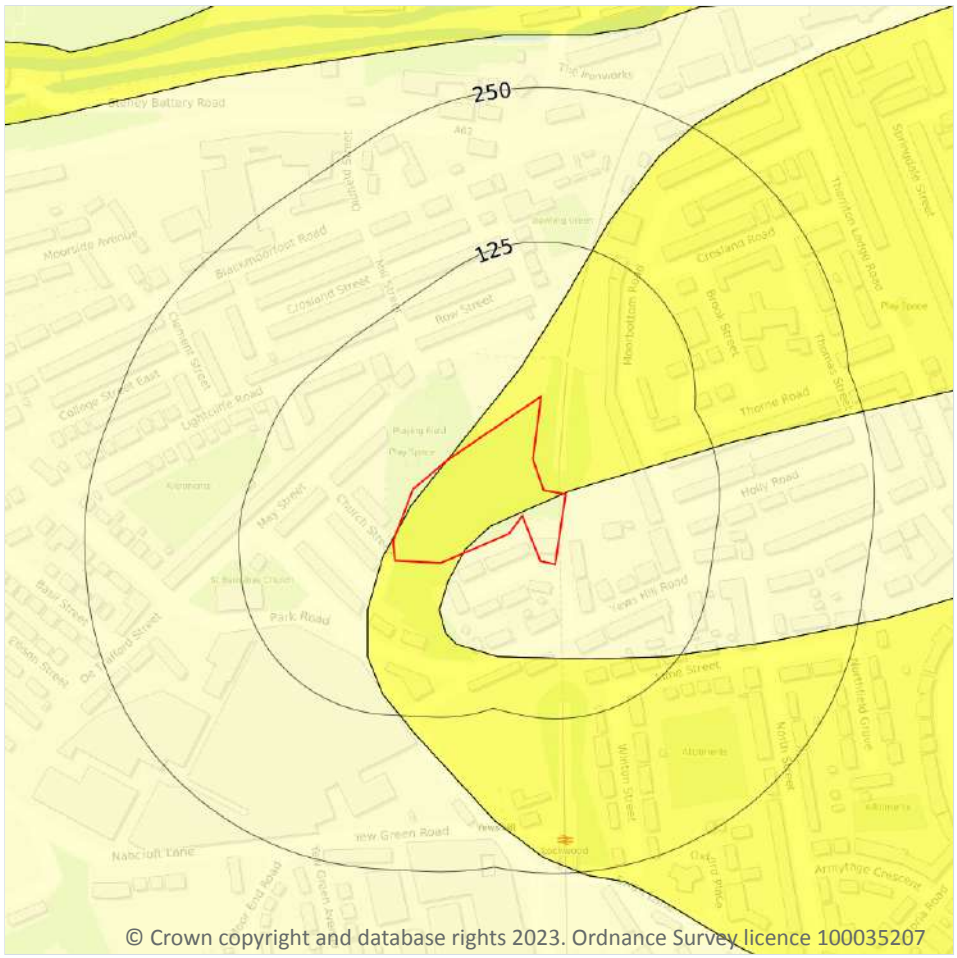
The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several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

Features are displayed on the Boreholes map on **page 105**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	206m N	413110 415890	BLACKMOORFOOT ROAD TH 9	1.52	N	15630999
2	212m S	413170 415390	YEW GREEN LANE LOCKWOOD TH 9	1.22	N	15630990
3	243m S	413230 415360	SWAN LANE LOCKWOOD TH 8	1.22	N	15630980

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

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

17.1 Shrink swell clays

Records within 50m	2

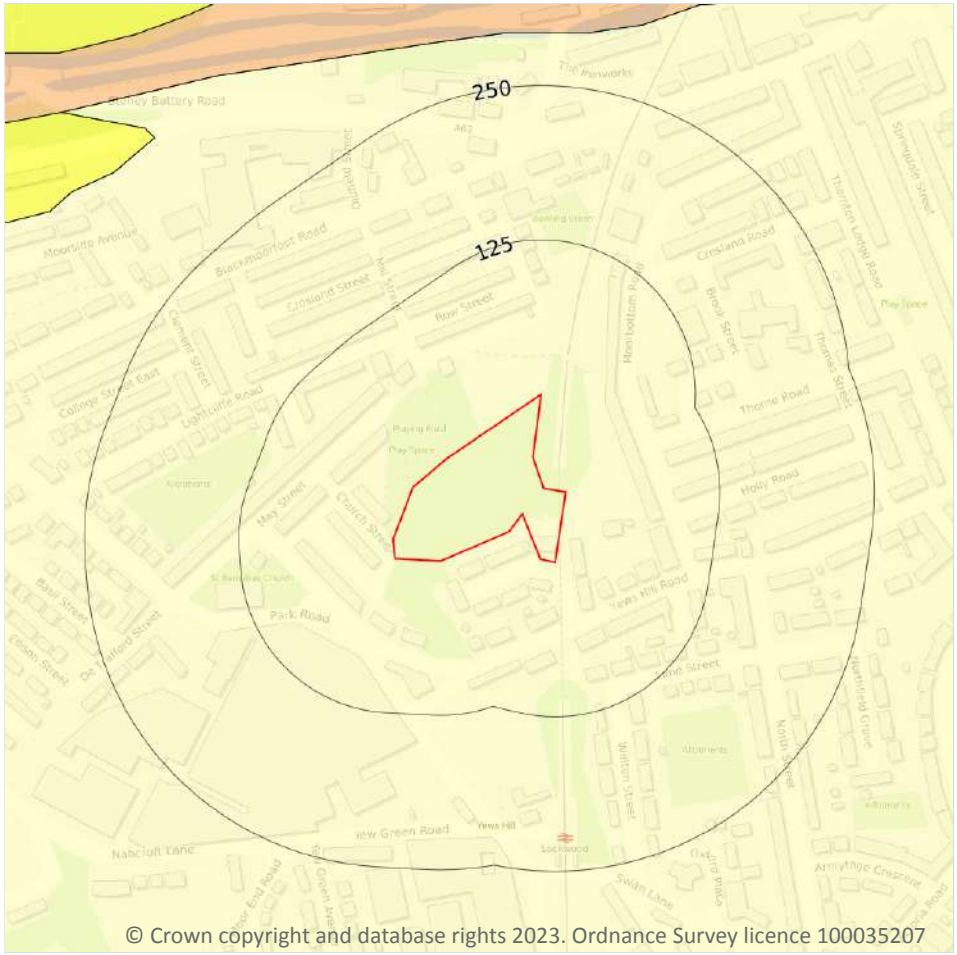
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 107**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

17.2 Running sands

Records within 50m	1

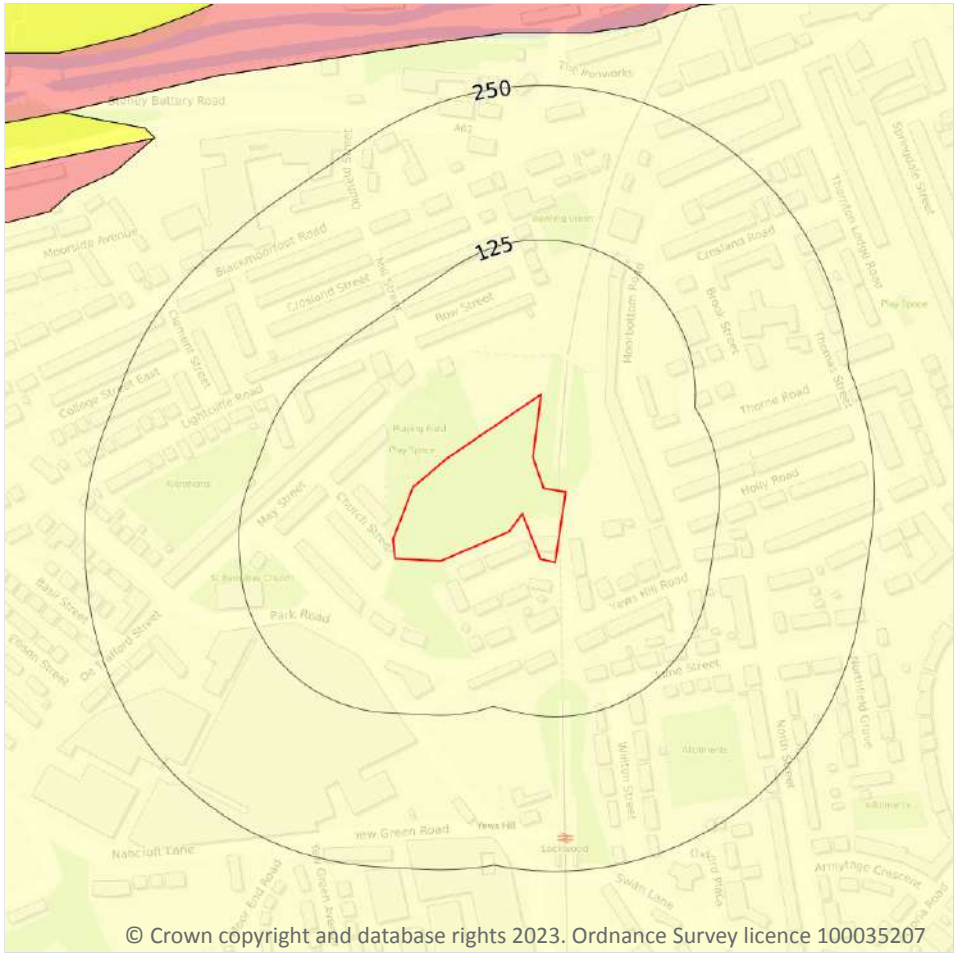
The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 108**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

17.3 Compressible deposits

Records within 50m	1

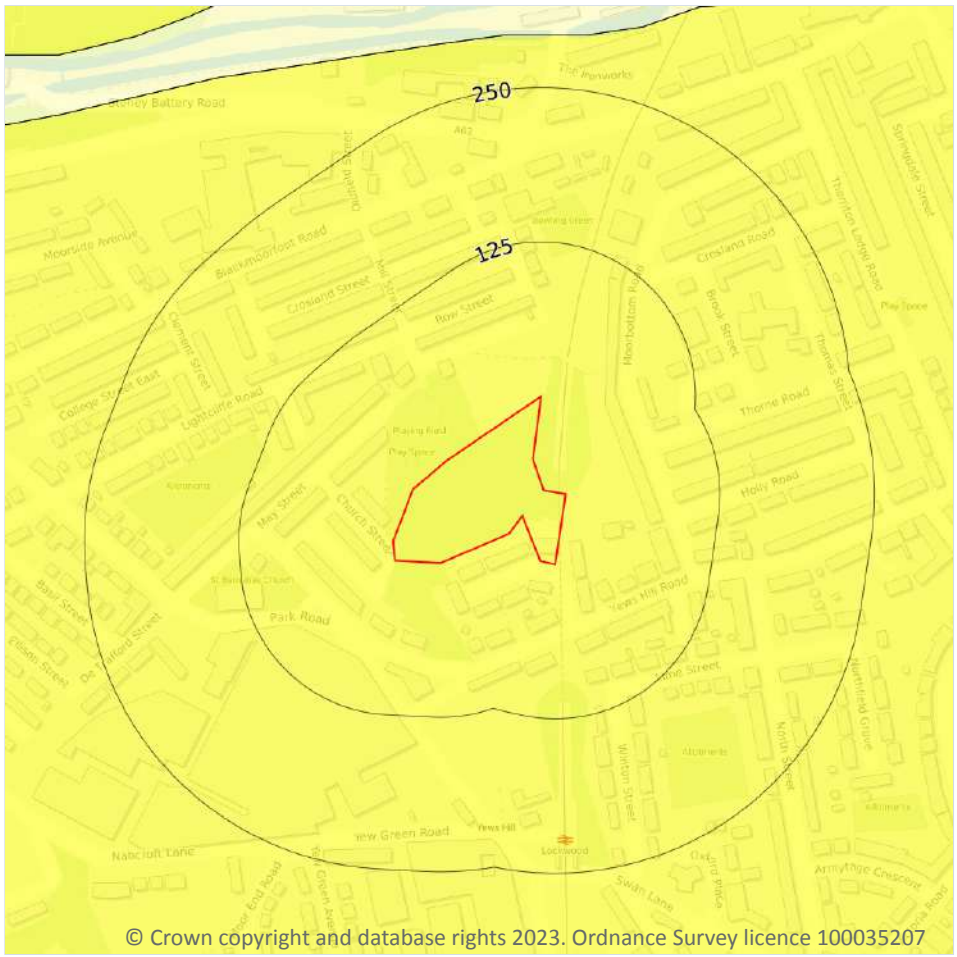
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 109**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

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

17.4 Collapsible deposits

Records within 50m	1

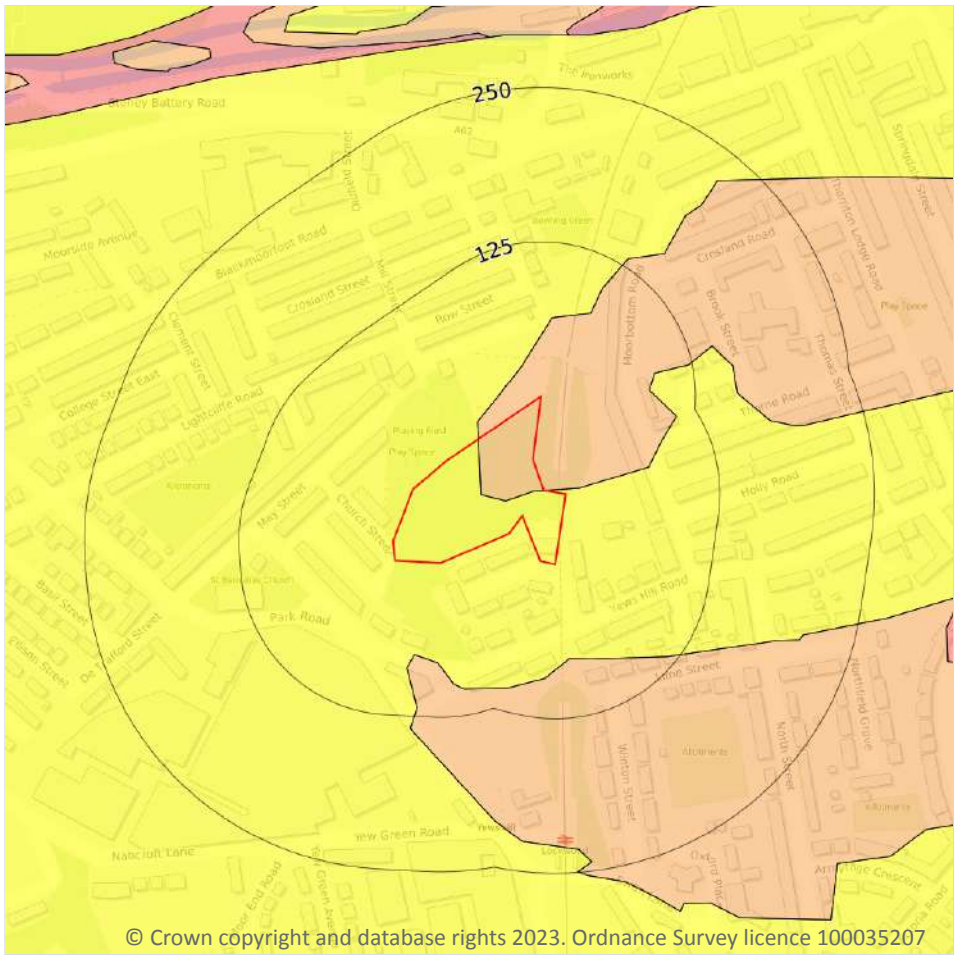
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 110**

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



© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

17.5 Landslides

Records within 50m	2

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 111**

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.**

Location	Hazard rating	Details
On site	**Low**	**Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks

© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

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

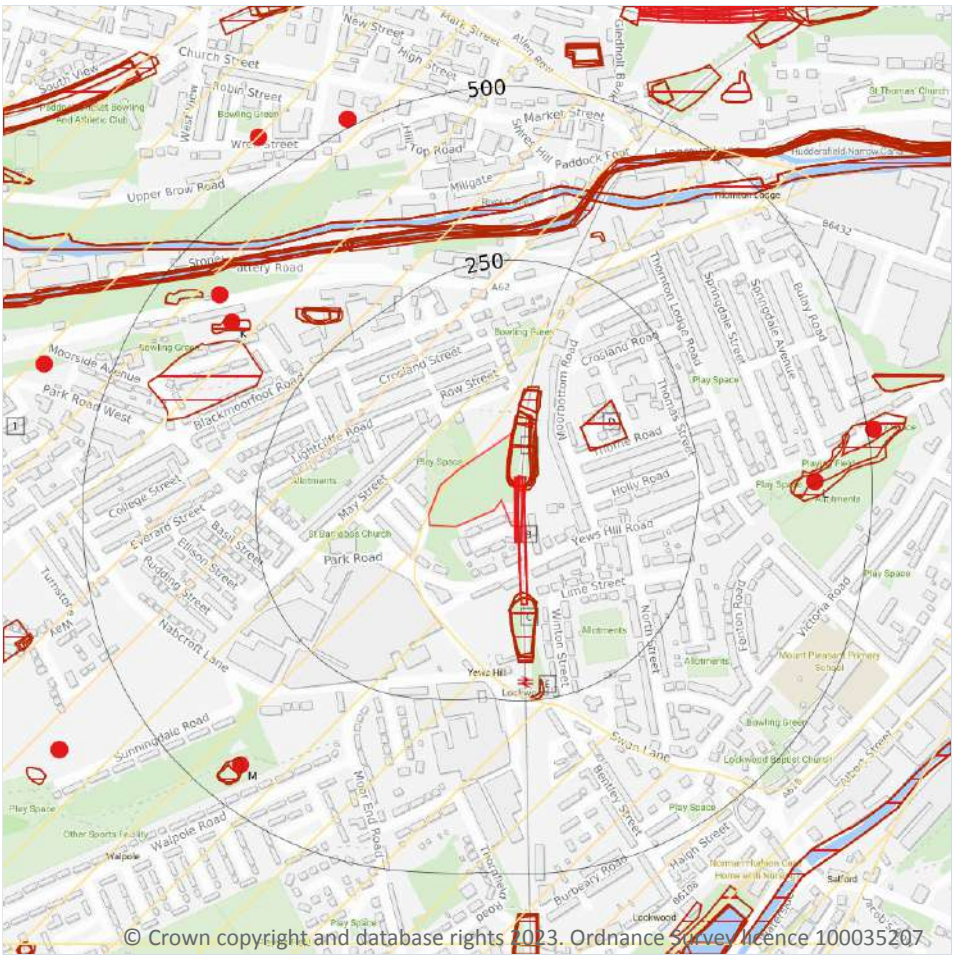
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 113**

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, ground workings and natural cavities



Site Outline

Search buffers in metres (m)

- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities

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 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.

18.2 BritPits

Records within 500m	4

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, ground workings and natural cavities map on **page 115**

ID	Location	Details	Description
K	381m NW	Name: Marsden Road Quarries Address: Crosland Moor Bottom, HUDDERSFIELD, West Yorkshire 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
L	416m E	Name: Rashcliffe Address: Lockwood, HUDDERSFIELD, West Yorkshire 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
K	420m NW	Name: Marsden Road Quarries Address: Crosland Moor Bottom, HUDDERSFIELD, West Yorkshire 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
M	440m SW	Name: Rough Lane Address: Crosland Moor, HUDDERSFIELD, West Yorkshire 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.

18.3 Surface ground workings

Records within 250m	24

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, ground workings and natural cavities map on **page 115**

ID	Location	Land Use	Year of mapping	Mapping scale
A	**On site**	**Cuttings**	**1985**	**1:10000**
A	**On site**	**Cuttings**	**1966**	**1:10560**
A	**On site**	**Cuttings**	**1975**	**1:10000**
A	**On site**	**Cuttings**	**1956**	**1:10560**
A	**On site**	**Cuttings**	**1948**	**1:10560**
A	**On site**	**Cuttings**	**1889**	**1:10560**
A	**On site**	**Cuttings**	**1938**	**1:10560**
A	**On site**	**Cuttings**	**1905**	**1:10560**
A	16m NE	Cuttings	1956	1:10560
A	41m NE	Cuttings	1985	1:10000
A	41m NE	Cuttings	1966	1:10560
A	41m NE	Cuttings	1975	1:10000
C	94m S	Cuttings	1985	1:10000
C	94m S	Cuttings	1966	1:10560
C	94m S	Cuttings	1975	1:10000
C	94m S	Cuttings	1956	1:10560
D	100m NE	Unspecified Pit	1966	1:10560
D	100m NE	Unspecified Pit	1956	1:10560
C	101m SE	Cuttings	1948	1:10560
C	101m SE	Cuttings	1905	1:10560
C	101m SE	Cuttings	1888	1:10560
C	102m SE	Cuttings	1938	1:10560
E	222m S	Unspecified Heap	1948	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
E	222m S	Unspecified Heap	1905	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	**30**

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, ground workings and natural cavities map on **page 115**

ID	Location	Land Use	Year of mapping	Mapping scale
B	**On site**	**Tunnel**	**1975**	**1:10000**
B	**On site**	**Tunnel**	**1951**	**1:10560**
B	**On site**	**Tunnel**	**1948**	**1:10560**
B	**On site**	**Tunnel**	**1905**	**1:10560**
B	**On site**	**Tunnel**	**1985**	**1:10000**
B	**On site**	**Tunnel**	**1966**	**1:10560**
V	624m N	Tunnel	1948	1:10560
V	624m N	Tunnel	1905	1:10560
V	629m N	Tunnel	1975	1:10000
V	629m N	Tunnel	1951	1:10560
V	629m N	Tunnel	1985	1:10000
V	629m N	Tunnel	1966	1:10560
V	640m N	Tunnel	1948	1:10560
V	640m N	Tunnel	1905	1:10560
V	643m N	Tunnel	1975	1:10000
V	643m N	Tunnel	1951	1:10560
V	643m N	Tunnel	1985	1:10000
V	643m N	Tunnel	1966	1:10560
-	806m NE	Tunnel	1948	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
-	806m NE	Tunnel	1905	1:10560
-	810m NE	Tunnels	1975	1:10000
-	810m NE	Tunnels	1951	1:10560
-	810m NE	Tunnels	1985	1:10000
-	810m NE	Tunnels	1966	1:10560
-	815m NE	Tunnel	1948	1:10560
-	815m NE	Tunnel	1905	1:10560
-	818m NE	Tunnels	1975	1:10000
-	818m NE	Tunnels	1951	1:10560
-	818m NE	Tunnels	1985	1:10000
-	818m NE	Tunnels	1966	1:10560

This is data is sourced from Ordnance Survey/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	2

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 115**

ID	Location	Name	Commodity	Class	Likelihood
1	**On site**	**Not available**	**Vein Mineral**	**A**	**Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered**
7	601m S	Not available	Vein Mineral	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 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.

18.8 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.

18.9 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.

18.10 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.

18.11 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

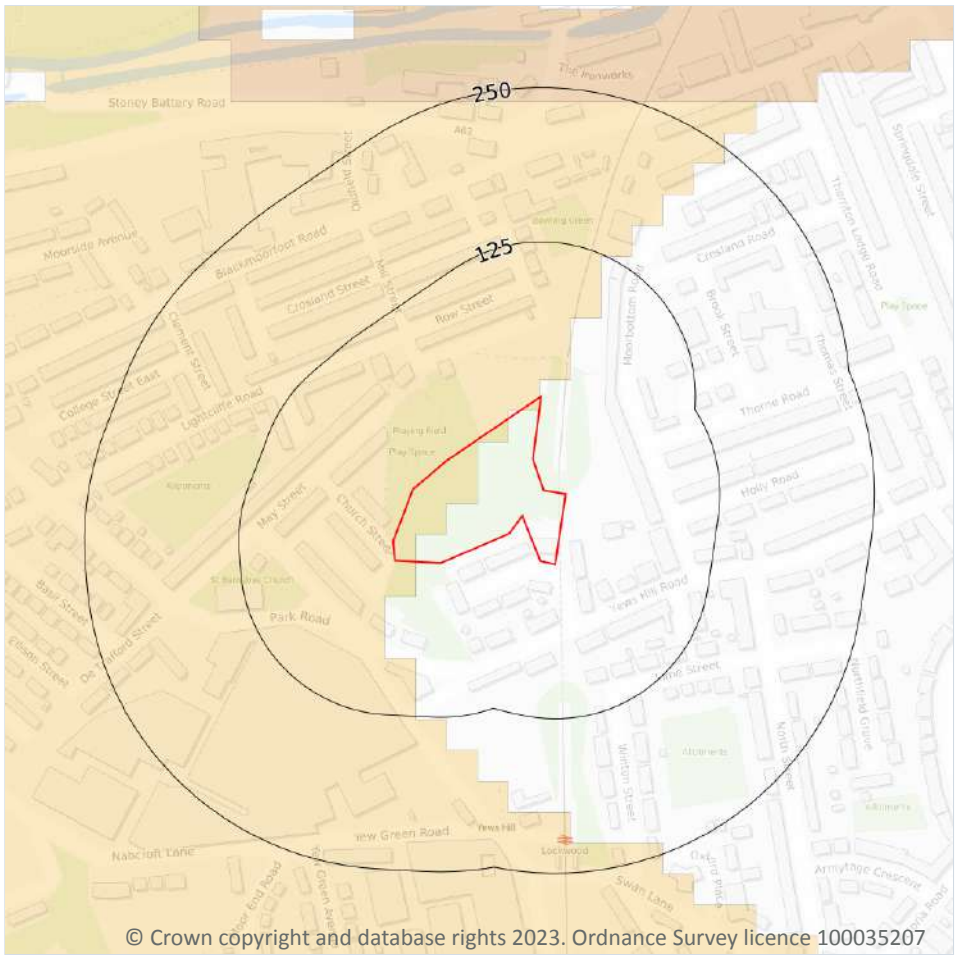
18.13 Clay mining

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 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%

19.1 Radon

Records on site	2

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 122**

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

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.

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	3

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 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 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**>180 mg/kg**	**45 - 60 mg/kg**
On site	**25 - 35 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**

This data is sourced from the British Geological Survey.

20.2 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.

20.3 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.

21 Railway infrastructure and projects

© Crown copyright and database rights 2023. Ordnance Survey licence 100035207

Site Outline

Search buffers in metres (m)

- Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m	1

Railway tunnels taken from contemporary Ordnance Survey mapping.

Features are displayed on the Railway infrastructure and projects map on **page 125**

Location	Type
On site	**Railway Tunnel**

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	26

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 125**

Location	Land Use	Year of mapping	Mapping scale
On site	**Tunnel**	**1959**	**2500**
On site	**Tunnel**	**1907**	**2500**
On site	**Tunnel**	**1996**	**1250**
On site	**Tunnel**	**1986**	**1250**
On site	**Tunnel**	**1918**	**2500**
On site	**Tunnel**	**1932**	**2500**
On site	**Tunnel**	**1960**	**1250**
On site	**Tunnel**	**1975**	**-**
On site	**Tunnel**	**1975**	**10000**
On site	**Tunnel**	**1956**	**10560**
On site	**Tunnel**	**1985**	**10000**
On site	**Tunnel**	**1966**	**10560**
On site	**Tunnel**	**1948**	**10560**

Location	Land Use	Year of mapping	Mapping scale
On site	**Tunnel**	**1905**	**10560**
On site	**Tunnel**	**1938**	**10560**
1m E	Railway Sidings	1889	10560
6m SE	Tunnel	1906	2500
21m SE	Tunnel	1913	2500
27m SE	Tunnel	1938	10560
101m S	Tunnel	1995	1250
101m S	Tunnel	1983	1250
101m S	Tunnel	1971	1250
101m S	Tunnel	1960	1250
112m S	Railway Sidings	1893	2500
139m NE	Railway Sidings	1960	1250
198m S	Railway Sidings	1906	2500

This data is sourced from Ordnance Survey/Groundsure.

21.5 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.

21.6 Historical railways

Records within 250m	**0**

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

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	12

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

Features are displayed on the Railway infrastructure and projects map on **page 125**

Location	Name	Type
On site	**Penistone Line**	**rail**
17m E	Not given	Single Track
17m E	Penistone Line	rail
38m NE	Not given	Single Track
90m NE	Not given	Single Track
112m S	Not given	Single Track
119m S	Penistone Line	rail
188m N	Not given	Single Track
192m S	Not given	Single Track
223m N	Not given	Single Track
225m N	Penistone Line	rail
245m S	Penistone Line	rail

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 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.

21.9 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.

21.10 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: https://www.groundsure.com/terms-and-conditions-jan-2020/.