

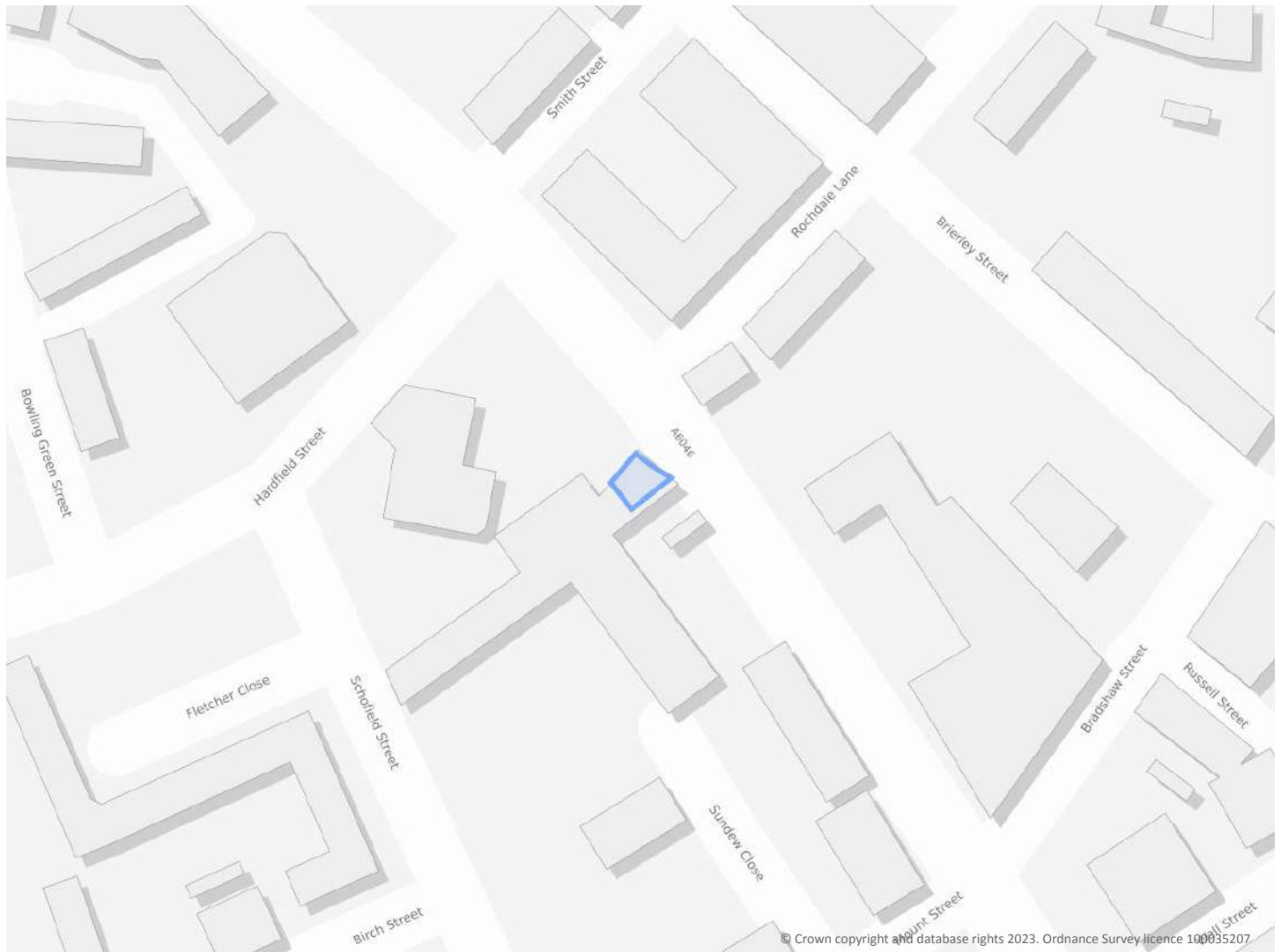
52, MANCHESTER STREET, HEYWOOD, OL10 1DL

Order Details

Date: 31/01/2023
Your ref: James_Campbell
Our Ref: GS-9328544

Site Details

Location: 385938 410574
Area: 0.01 ha
Authority: [Rochdale Metropolitan Borough Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.12

groundsure.com/insightuserguide

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	0	1	32	146	-
20	1.2	Historical tanks	0	0	34	32	-
23	1.3	Historical energy features	0	1	3	14	-
24	1.4	Historical petrol stations	0	0	0	0	-
24	1.5	Historical garages	0	0	15	2	-
25	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
26	2.1	Historical industrial land uses	0	1	38	183	-
35	2.2	Historical tanks	0	0	60	57	-
39	2.3	Historical energy features	0	4	8	46	-
41	2.4	Historical petrol stations	0	0	0	0	-
42	2.5	Historical garages	0	0	25	6	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
44	3.1	Active or recent landfill	0	0	0	0	-
44	3.2	Historical landfill (BGS records)	0	0	0	0	-
45	3.3	Historical landfill (LA/mapping records)	0	0	0	2	-
45	3.4	Historical landfill (EA/NRW records)	0	0	0	1	-
45	3.5	Historical waste sites	0	0	1	5	-
47	3.6	Licensed waste sites	0	0	2	2	-
48	3.7	Waste exemptions	0	3	17	5	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
51	4.1	Recent industrial land uses	0	7	51	-	-
55	4.2	Current or recent petrol stations	0	0	3	0	-
56	4.3	Electricity cables	0	0	0	0	-
56	4.4	Gas pipelines	0	0	0	0	-
56	4.5	Sites determined as Contaminated Land	0	0	0	0	-



56	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
56	4.7	Regulated explosive sites	0	0	0	0	-
57	4.8	Hazardous substance storage/usage	0	0	0	0	-
57	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
57	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
57	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	1	2	-
58	4.12	Radioactive Substance Authorisations	0	0	0	0	-
58	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	3	-
59	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
59	4.15	Pollutant release to public sewer	0	0	0	0	-
59	4.16	List 1 Dangerous Substances	0	0	0	0	-
59	4.17	List 2 Dangerous Substances	0	0	0	0	-
59	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	14	-
61	4.19	Pollution inventory substances	0	0	0	0	-
62	4.20	Pollution inventory waste transfers	0	0	0	0	-
62	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
63	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
65	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
66	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
67	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
67	5.5	Groundwater vulnerability- local information	None (within 0m)				
68	5.6	<u>Groundwater abstractions</u>	0	0	0	2	11
72	5.7	<u>Surface water abstractions</u>	0	0	0	0	12
75	5.8	Potable abstractions	0	0	0	0	0
75	5.9	Source Protection Zones	0	0	0	0	-
76	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
77	6.1	<u>Water Network (OS MasterMap)</u>	0	0	3	-	-



78	6.2	Surface water features	0	0	0	-	-
78	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
78	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
79	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
80	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
80	7.2	Historical Flood Events	0	0	0	-	-
80	7.3	Flood Defences	0	0	0	-	-
81	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
81	7.5	Flood Storage Areas	0	0	0	-	-
82	7.6	Flood Zone 2	None (within 50m)				
82	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
83	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
85	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
86	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
87	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
87	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
87	10.4	Special Protection Areas (SPA)	0	0	0	0	0
87	10.5	National Nature Reserves (NNR)	0	0	0	0	0
88	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
88	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	7
88	10.8	Biosphere Reserves	0	0	0	0	0
89	10.9	Forest Parks	0	0	0	0	0
89	10.10	Marine Conservation Zones	0	0	0	0	0
89	10.11	<u>Green Belt</u>	0	0	0	0	1
89	10.12	Proposed Ramsar sites	0	0	0	0	0



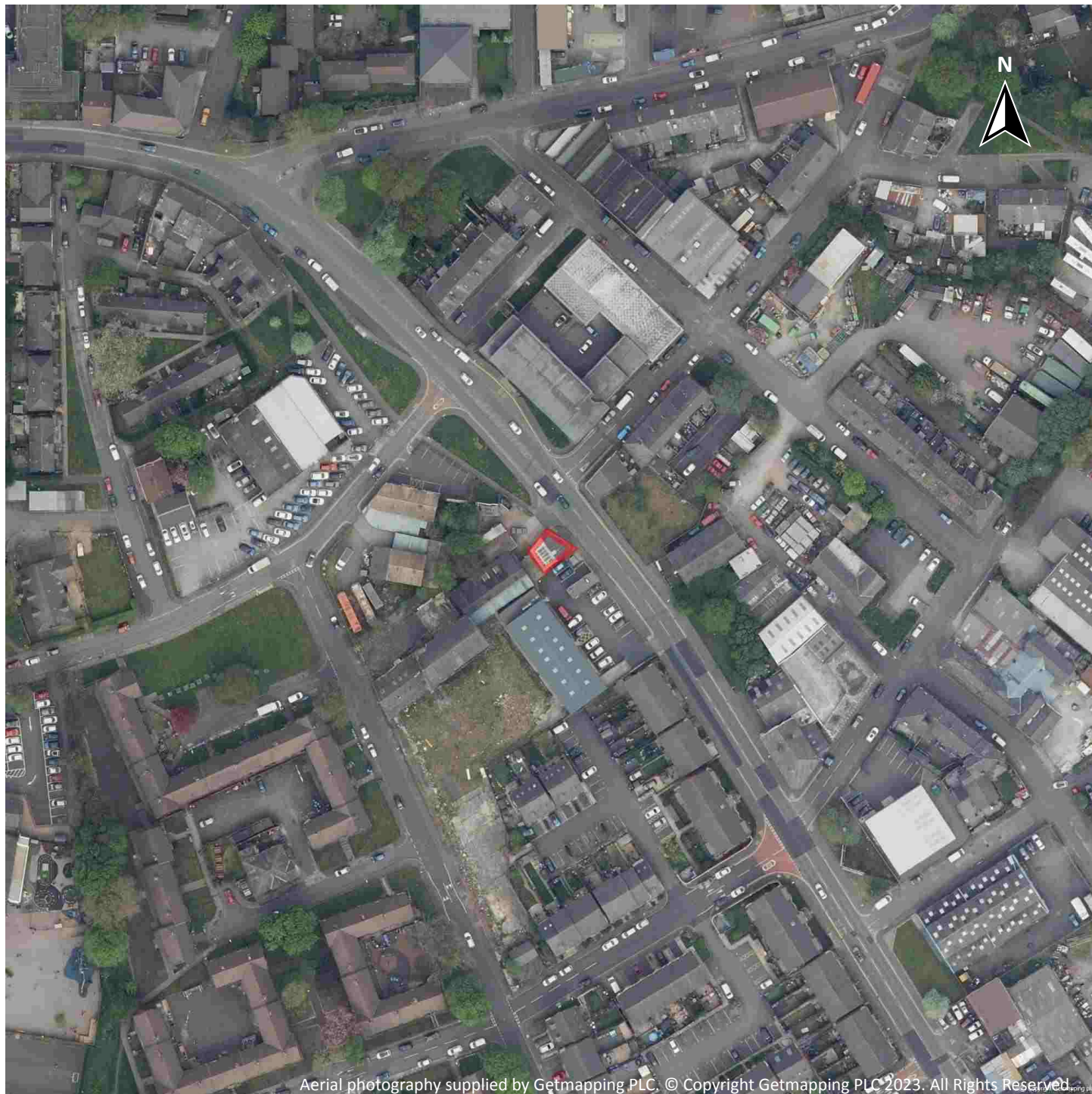
90	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
90	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
90	10.15	Nitrate Sensitive Areas	0	0	0	0	0
90	10.16	<u>Nitrate Vulnerable Zones</u>	0	0	0	0	1
92	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
93	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
94	11.1	World Heritage Sites	0	0	0	-	-
94	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
94	11.3	National Parks	0	0	0	-	-
94	11.4	Listed Buildings	0	0	0	-	-
95	11.5	Conservation Areas	0	0	0	-	-
95	11.6	Scheduled Ancient Monuments	0	0	0	-	-
95	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
96	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
97	12.2	Open Access Land	0	0	0	-	-
97	12.3	Tree Felling Licences	0	0	0	-	-
97	12.4	Environmental Stewardship Schemes	0	0	0	-	-
97	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
98	13.1	Priority Habitat Inventory	0	0	0	-	-
98	13.2	Habitat Networks	0	0	0	-	-
98	13.3	Open Mosaic Habitat	0	0	0	-	-
98	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
99	14.1	<u>10k Availability</u>	Identified (within 500m)				
100	14.2	<u>Artificial and made ground (10k)</u>	0	0	1	2	-
101	14.3	<u>Superficial geology (10k)</u>	1	0	1	0	-

102	14.4	Landslip (10k)	0	0	0	0	-
103	14.5	<u>Bedrock geology (10k)</u>	1	0	4	4	-
104	14.6	<u>Bedrock faults and other linear features (10k)</u>	0	1	1	1	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
105	15.1	<u>50k Availability</u>	Identified (within 500m)				
106	15.2	Artificial and made ground (50k)	0	0	0	0	-
106	15.3	Artificial ground permeability (50k)	0	0	-	-	-
107	15.4	<u>Superficial geology (50k)</u>	1	0	1	0	-
108	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
108	15.6	Landslip (50k)	0	0	0	0	-
108	15.7	Landslip permeability (50k)	None (within 50m)				
109	15.8	<u>Bedrock geology (50k)</u>	1	0	2	1	-
110	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
110	15.10	<u>Bedrock faults and other linear features (50k)</u>	0	1	1	1	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
111	16.1	<u>BGS Boreholes</u>	0	0	21	-	-
Page	Section	Natural ground subsidence					
113	17.1	<u>Shrink swell clays</u>	Negligible (within 50m)				
114	17.2	<u>Running sands</u>	Very low (within 50m)				
115	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
116	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
117	17.5	<u>Landslides</u>	Very low (within 50m)				
118	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
120	18.1	Natural cavities	0	0	0	0	-
121	18.2	<u>BritPits</u>	0	0	0	4	-
122	18.3	<u>Surface ground workings</u>	0	1	25	-	-
123	18.4	<u>Underground workings</u>	0	0	0	0	6
123	18.5	Historical Mineral Planning Areas	0	0	0	0	-



124	18.6	Non-coal mining	0	0	0	0	0
124	18.7	Mining cavities	0	0	0	0	0
124	18.8	JPB mining areas	None (within 0m)				
124	18.9	<u>Coal mining</u>	Identified (within 0m)				
125	18.10	Brine areas	None (within 0m)				
125	18.11	Gypsum areas	None (within 0m)				
125	18.12	Tin mining	None (within 0m)				
125	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
126	19.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
128	20.1	<u>BGS Estimated Background Soil Chemistry</u>	1	0	-	-	-
128	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
128	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
129	21.1	Underground railways (London)	0	0	0	-	-
129	21.2	Underground railways (Non-London)	0	0	0	-	-
130	21.3	Railway tunnels	0	0	0	-	-
130	21.4	<u>Historical railway and tunnel features</u>	0	0	2	-	-
130	21.5	Royal Mail tunnels	0	0	0	-	-
130	21.6	Historical railways	0	0	0	-	-
131	21.7	Railways	0	0	0	-	-
131	21.8	Crossrail 1	0	0	0	0	-
131	21.9	Crossrail 2	0	0	0	0	-
131	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 23/05/2019

Site Area: 0.01ha



Recent site history - 2011 aerial photograph



Capture Date: 02/05/2011

Site Area: 0.01ha



Recent site history - 2000 aerial photograph



Capture Date: 19/06/2000

Site Area: 0.01ha



Recent site history - 1999 aerial photograph

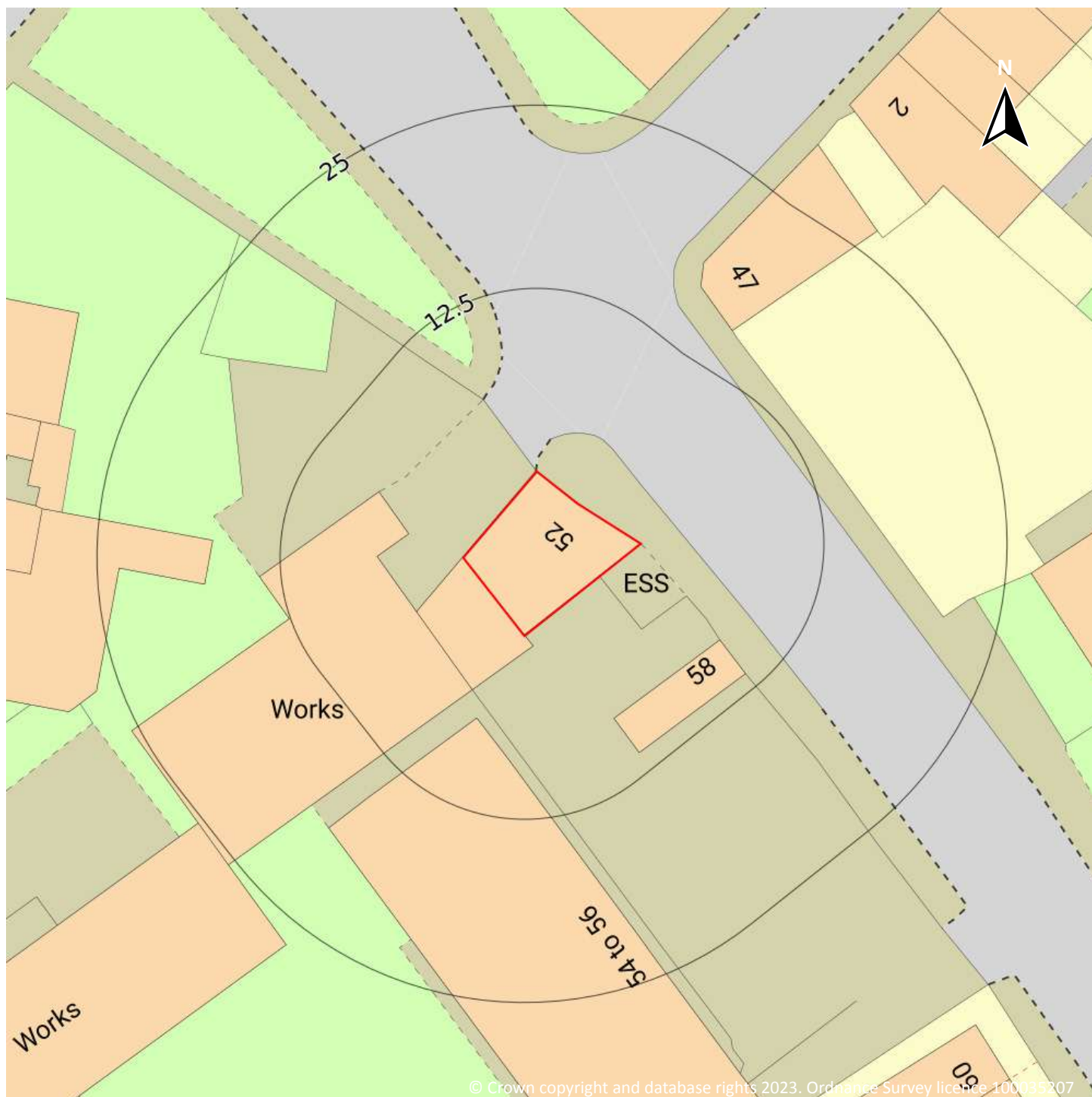


Capture Date: 10/09/1999

Site Area: 0.01ha



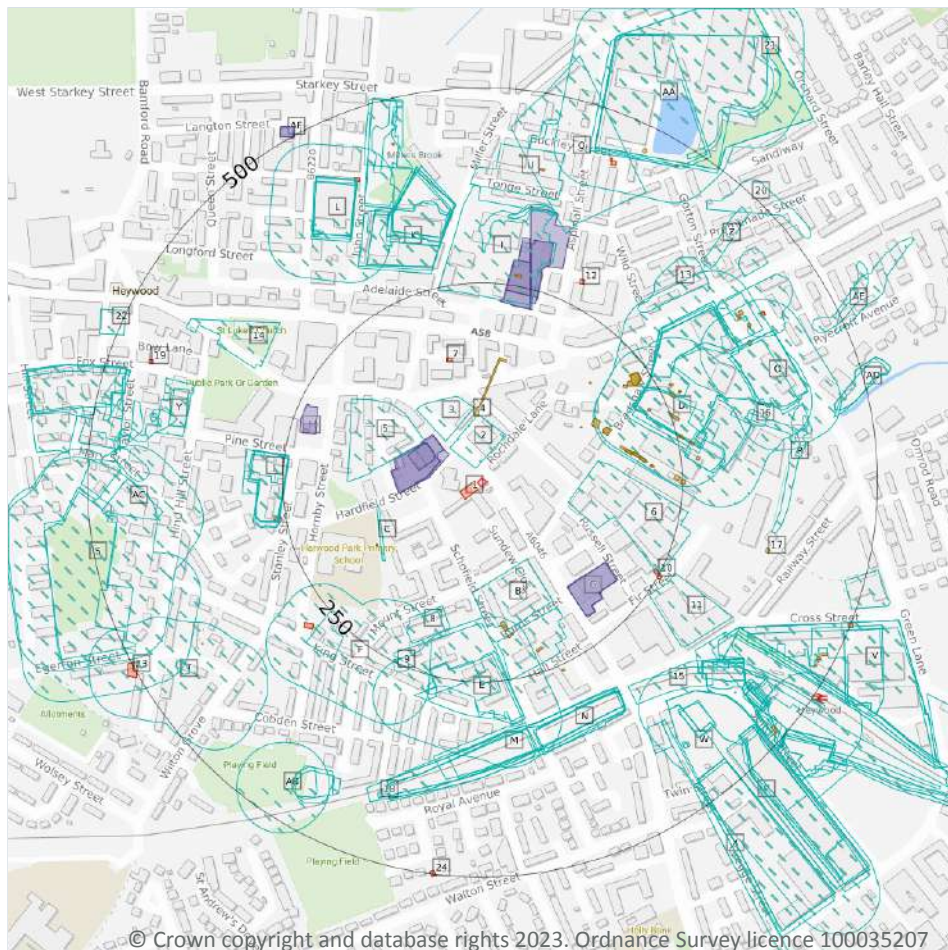
OS MasterMap site plan



Site Area: 0.01ha



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

179

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
2	15m NW	Cotton Mill	1851	644472



ID	Location	Land use	Dates present	Group ID
3	66m NW	Unspecified Commercial/Industrial	1851	643273
5	86m NW	Cotton Mill	1851	644471
6	107m E	Unspecified Works	1987 - 1992	709429
B	110m SE	Cotton Mill	1851	644473
C	130m W	Rope Walk	1851	641263
D	154m NE	Leather Works	1909	751143
D	158m NE	Leather Works	1928 - 1938	756615
8	161m S	Disused Brewery	1938	672567
E	167m S	Unspecified Mill	1909	742723
F	169m S	Brewery	1890 - 1909	695250
E	175m S	Unspecified Mills	1949	653212
B	182m SE	Unspecified Commercial/Industrial	1851	643329
D	197m NE	Leather Works	1890	752449
D	205m NE	Vale Mill	1851	653298
D	210m NE	Leather Works	1949	780460
D	210m NE	Unspecified Works	1968	718291
D	210m NE	Unspecified Works	1975	774525
D	211m NE	Tannery	1987 - 1992	726106
E	211m S	Unspecified Mill	1938	736331
E	215m S	Unspecified Mill	1928	779611
E	223m S	Unspecified Mill	1938	730651
I	229m N	Unspecified Works	1987	679035
D	236m NE	Cotton Mill	1851	644474
9	239m SW	Unspecified Pit	1938	690990
F	241m SW	Disused Brewery	1928	672568
J	244m W	Unspecified Mill	1928 - 1938	770830
J	244m W	Unspecified Mill	1949	744080
J	245m W	Unspecified Commercial/Industrial	1975	643323



ID	Location	Land use	Dates present	Group ID
J	245m W	Unspecified Mill	1968	762065
J	247m W	Unspecified Mill	1909	735992
D	249m NE	Unspecified Works	1992	726411
D	249m NE	Unspecified Works	1987	784167
11	253m SE	Unspecified Works	1987 - 1992	777848
D	258m E	Unspecified Mill	1909	657012
K	270m N	Unspecified Mill	1909	771419
K	273m N	Unspecified Mill	1928	790270
K	278m N	Unspecified Commercial/Industrial	1968	643272
K	278m N	Unspecified Mill	1949	695567
I	288m N	Refuse Heap	1909	677989
13	293m NE	Sand Pits	1851	664409
L	294m NW	Cotton Mills	1890	659319
K	302m N	Cotton Mill	1851	644456
M	304m SE	Cuttings	1968	749299
M	304m SE	Cuttings	1949	754220
M	305m SE	Cuttings	1975	757642
K	306m N	Unspecified Mill	1938	767123
M	308m S	Cuttings	1987 - 1992	756604
K	308m N	Unspecified Mill	1928	768378
N	308m SE	Cuttings	1851	751311
N	310m SE	Cuttings	1928	784579
N	310m SE	Cuttings	1909	785672
M	310m SE	Cuttings	1890	696354
M	310m SE	Cuttings	1938	781123
K	312m N	Unspecified Mill	1975 - 1987	715409
K	312m N	Unspecified Mill	1992	787885
O	313m NE	Unspecified Mills	1938	753816

ID	Location	Land use	Dates present	Group ID
14	315m NW	Grave Yard	1851	668134
M	316m S	Cuttings	1851	779789
M	317m S	Cuttings	1909 - 1928	695462
15	318m SE	Cuttings	1851	642606
P	329m SE	Unspecified Wharf	1938	722379
Q	331m N	Brick Yard	1851	681784
I	335m N	Unspecified Ground Workings	1928	648068
R	340m E	Unspecified Ground Workings	1938	787871
16	343m E	Unspecified Heap	1909	650924
P	343m SE	Railway Sidings	1890	756094
O	347m NE	Unspecified Mills	1909 - 1928	709769
L	347m NW	Unspecified Mill	1909 - 1928	752340
L	347m NW	Unspecified Mill	1938	787576
L	351m NW	Unspecified Mill	1975 - 1992	744725
O	352m NE	Unspecified Mills	1949	705883
L	353m NW	Unspecified Commercial/Industrial	1968	643271
L	353m NW	Unspecified Mill	1949	744152
S	354m W	Corporation Yard	1909	725336
L	356m N	Unspecified Mill	1909	718051
T	357m SW	Electricity Generating Station	1909	691689
P	358m SE	Railway Building	1975	670225
P	358m SE	Railway Station	1968	774902
P	358m SE	Railway Station	1949	779544
P	359m SE	Railway Sidings	1938	785365
P	359m SE	Railway Sidings	1968	776416
P	359m SE	Railway Sidings	1949	776436
P	360m SE	Railway Station	1890 - 1938	760421
O	362m NE	Unspecified Mills	1890	757084



ID	Location	Land use	Dates present	Group ID
P	362m SE	Unspecified Commercial/Industrial	1968	643330
P	362m SE	Iron Works	1949	704071
L	368m N	Unspecified Mill	1928	768377
U	368m N	Unspecified Mill	1890	657011
O	372m NE	Sand Pits	1851	664408
P	372m SE	Railway Station	1851	736365
P	374m SE	Railway Sidings	1975 - 1992	780627
V	374m SE	Unspecified Mills	1968 - 1975	695623
V	374m SE	Unspecified Mill	1987 - 1992	709811
V	374m SE	Unspecified Mills	1949	737761
W	374m SE	Unspecified Wharf	1949	735373
P	375m SE	Railway Sidings	1928	704157
P	375m SE	Railway Sidings	1909	705761
W	376m SE	Coal Depot	1851	641173
S	379m W	Corporation Yard	1938 - 1949	724002
X	379m SE	Tramway Sidings	1851	670787
W	381m SE	Unspecified Wharf	1909 - 1928	745393
Y	382m W	Police Station	1968 - 1975	695595
Y	382m W	Police Station	1987 - 1992	749421
W	384m SE	Warehouse	1851	685827
P	385m SE	Railway Sidings	1851	760586
V	386m SE	Unspecified Mills	1909 - 1928	746018
O	388m NE	Chimney	1851	684516
Z	393m NE	Rope Walk	1851	641249
Y	393m W	Refuse Heap	1909	677969
R	395m E	Unspecified Pit	1968 - 1975	749750
R	397m E	Unspecified Ground Workings	1909	769255
AA	398m N	Unspecified Mills	1928	765674



ID	Location	Land use	Dates present	Group ID
AB	402m SW	Railway Terminus	1928 - 1938	754962
AC	405m W	Mortuary	1909 - 1928	703013
L	405m N	Unspecified Disused Mill	1890	675746
18	410m S	Railway Building	1949	670230
AB	411m SW	Unspecified Heap	1949	710606
L	413m N	Unspecified Ground Workings	1968	648067
AB	415m SW	Railway Terminus	1949	680163
AB	415m SW	Unspecified Heap	1928 - 1938	748447
W	417m SE	Weighing Machine	1851	656617
AB	418m SW	Unspecified Heap	1968	759855
P	419m SE	Railway Building	1987 - 1992	734775
Y	419m W	Unspecified Heap	1928	650925
W	420m SE	Unspecified Tank	1938	674834
AC	421m W	Refuse Heap	1890	677970
Z	422m NE	Refuse Heap	1851	677954
P	424m SE	Railway Building	1851	715461
P	425m SE	Railway Building	1949	716529
P	425m SE	Railway Building	1968 - 1975	764030
P	427m SE	Railway Building	1890	702836
U	428m N	Ground Workings	1851	681864
P	429m SE	Railway Building	1909	711147
P	429m SE	Railway Building	1928	788569
Y	435m W	Unspecified Pit	1928	690989
T	441m SW	Sand Pit	1851	643783
AA	442m N	Unspecified Mill	1890	701813
AA	444m N	Unspecified Mills	1909	768510
AA	447m N	Unspecified Mill	1938	708740
20	448m NE	Unspecified Pit	1890	690988



ID	Location	Land use	Dates present	Group ID
AA	449m N	Unspecified Mills	1968 - 1992	704476
AA	449m N	Unspecified Mill	1949	730399
P	452m SE	Unspecified Depot	1987 - 1992	763803
AD	452m E	Unspecified Ground Workings	1938	648064
AD	455m E	Unspecified Pit	1949	704001
AD	455m E	Unspecified Pit	1968	738518
P	456m SE	Railway Building	1928	724142
V	456m SE	Unspecified Mills	1938	704732
P	457m SE	Railway Sidings	1851	738123
P	458m SE	Iron Works	1909	744698
AC	458m W	Mortuary	1949	679695
P	458m SE	Iron Works	1928	707821
P	458m SE	Iron Works	1938	767631
P	460m SE	Unspecified Works	1987 - 1992	774830
S	461m W	Corporation Yard	1968	720080
Y	462m W	Unspecified Warehouse	1987 - 1992	740533
AE	462m NE	Refuse Heap	1890	677955
Y	463m W	Unspecified Commercial/Industrial	1949	713583
Y	466m W	Unspecified Commercial/Industrial	1975	696141
S	466m W	Corporation Yard	1928	710947
X	467m SE	Unspecified Mills	1949	699086
X	467m SE	Unspecified Commercial/Industrial	1987 - 1992	744837
X	467m SE	Unspecified Commercial/Industrial	1968 - 1975	750615
Y	467m W	Rope Walk	1851	641248
Y	468m W	Unspecified Mill	1909	711338
P	470m SE	Iron Foundry	1851	683066
X	471m SE	Unspecified Mills	1890 - 1938	749851
P	471m SE	Railway Building	1968	670219



ID	Location	Land use	Dates present	Group ID
P	473m SE	Railway Building	1890	773659
V	475m E	Unspecified Works	1992	679031
AE	485m NE	Sand Pit	1909	643890
21	487m NE	Unspecified Ground Workings	1928	733555
22	491m W	Unspecified Commercial/Industrial	1851	643121
V	495m E	Cotton Mills	1890	659340
P	498m SE	Railway Building	1968	753903
P	498m SE	Railway Building	1949	758433
P	499m SE	Railway Buildings	1890	681655
P	499m SE	Railway Building	1928	733579

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	66
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
4	78m N	Tanks	1910 - 1930	96425
D	138m NE	Unspecified Tank	1956	89756
D	138m NE	Unspecified Tank	1956	89856
C	151m SW	Unspecified Tank	1967	97116
C	151m SW	Unspecified Tank	1967	102445
C	151m SW	Unspecified Tank	1965	93565
C	151m SW	Unspecified Tank	1974	94931
C	152m SW	Unspecified Tank	1978	100974

ID	Location	Land use	Dates present	Group ID
D	152m NE	Tanks	1974 - 1991	102272
D	161m E	Tanks	1974	87722
D	162m NE	Unspecified Tank	1991	84264
B	175m S	Tanks	1974 - 1978	90176
D	176m E	Unspecified Tank	1985 - 1991	100572
D	181m E	Unspecified Tank	1967 - 1974	89391
D	182m E	Unspecified Tank	1991	96091
D	182m E	Unspecified Tank	1985	100804
D	182m NE	Unspecified Tank	1890	84265
D	189m E	Unspecified Tank	1974	95545
D	190m E	Unspecified Tank	1991	98857
D	190m E	Unspecified Tank	1985	102098
B	192m S	Unspecified Tank	1974 - 1978	91845
D	197m E	Unspecified Tank	1967 - 1974	95970
D	197m E	Unspecified Tank	1985 - 1991	90659
D	210m E	Unspecified Tank	1968	99132
D	211m E	Unspecified Tank	1967 - 1974	92815
D	212m NE	Unspecified Tank	1956 - 1991	93744
D	218m NE	Tanks	1956 - 1974	100380
D	218m NE	Tanks	1985	93097
B	219m S	Unspecified Tank	1986 - 1994	90755
D	225m NE	Tanks	1991	100808
D	225m NE	Unspecified Tank	1890 - 1910	99566
D	239m E	Unspecified Tank	1967 - 1968	102803
D	248m E	Unspecified Tank	1985 - 1991	89174
D	249m E	Tanks	1910	87690
D	252m E	Unspecified Tank	1991	89965
D	252m E	Unspecified Tank	1985	95020

ID	Location	Land use	Dates present	Group ID
D	253m E	Unspecified Tank	1967 - 1974	101967
D	255m E	Unspecified Tank	1968	103232
B	256m SE	Unspecified Tank	1956	88730
D	259m NE	Unspecified Tank	1967 - 1985	94372
I	260m N	Tanks	1930	87689
D	262m E	Tanks	1967 - 1991	97662
D	264m NE	Tanks	1910	87691
D	269m E	Unspecified Tank	1974 - 1991	93605
D	271m NE	Unspecified Tank	1985 - 1991	93180
D	271m NE	Unspecified Tank	1956	89753
D	271m NE	Unspecified Tank	1968	103236
D	272m NE	Unspecified Tank	1956	101238
D	272m NE	Unspecified Tank	1967	102754
D	272m NE	Unspecified Tank	1974	103735
17	368m E	Unspecified Tank	1930	84730
O	383m NE	Unspecified Tank	1929 - 1937	91906
O	388m NE	Unspecified Tank	1956	89615
O	389m NE	Unspecified Tank	1890	84268
U	402m N	Tanks	1956 - 1985	97823
T	408m SW	Unspecified Tank	1891	84733
U	414m N	Unspecified Tank	1937	84255
L	441m N	Unspecified Tank	1929 - 1937	94398
Q	466m NE	Unspecified Tank	1890 - 1937	98153
Q	471m NE	Unspecified Tank	1956	102506
Q	471m NE	Unspecified Tank	1956	97974
V	479m SE	Tanks	1929	87731
V	480m SE	Tanks	1929	87730
V	481m SE	Unspecified Tank	1937	84731

ID	Location	Land use	Dates present	Group ID
P	481m SE	Unspecified Tank	1986 - 1994	103835
V	481m SE	Unspecified Tank	1968	95619

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

18

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
1	5m W	Electricity Substation	1956 - 1968	54012
7	155m N	Electricity Substation	1989 - 1999	48507
H	226m W	Electricity Substation	1981 - 1999	46796
10	241m SE	Electricity Substation	1983 - 1994	46978
J	255m W	Electricity Substation	1981	57260
J	256m W	Electricity Substation	1956 - 1968	51371
F	278m SW	Electricity Substation	1974 - 1990	49540
12	279m NE	Electricity Substation	1985 - 1991	49342
O	378m NE	Electricity Substation	1956	59242
O	410m NE	Electricity Substation	1968	53172
O	410m NE	Electricity Substation	1956 - 1991	49472
L	411m N	Electricity Substation	1956 - 1999	50473
Q	434m N	Electricity Substation	1974 - 1991	51680
Q	438m N	Electricity Substation	1985	46698
19	444m W	Electricity Substation	1956 - 1999	53231
23	492m SW	Electricity Generating Station	1910	46473

ID	Location	Land use	Dates present	Group ID
24	495m S	Electricity Substation	1974 - 1990	47454
V	497m E	Electricity Substation	1986	45526

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

17

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
A	52m NW	Garage	1999	16673
A	54m NW	Garage	1967	17750
A	56m NW	Garage	1981 - 1989	18900
A	63m NW	Garage	1956	18597
A	63m NW	Garage	1968	15821
G	169m SE	Garage	1986 - 1994	18333
G	170m SE	Garage	1983	16044
H	217m W	Garage	1956 - 1968	19661
H	217m W	Garage	1967	18818



ID	Location	Land use	Dates present	Group ID
I	224m N	Garage	1968 - 1999	19066
I	225m N	Garage	1968 - 1981	17540
I	232m N	Garage	1991	16022
I	238m N	Garage	1967 - 1974	19033
I	241m N	Garage	1989	15169
I	242m N	Garage	1967	15390
AF	498m NW	Garage	1956 - 1985	19683
AF	498m NW	Garage	1956 - 1990	18666

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

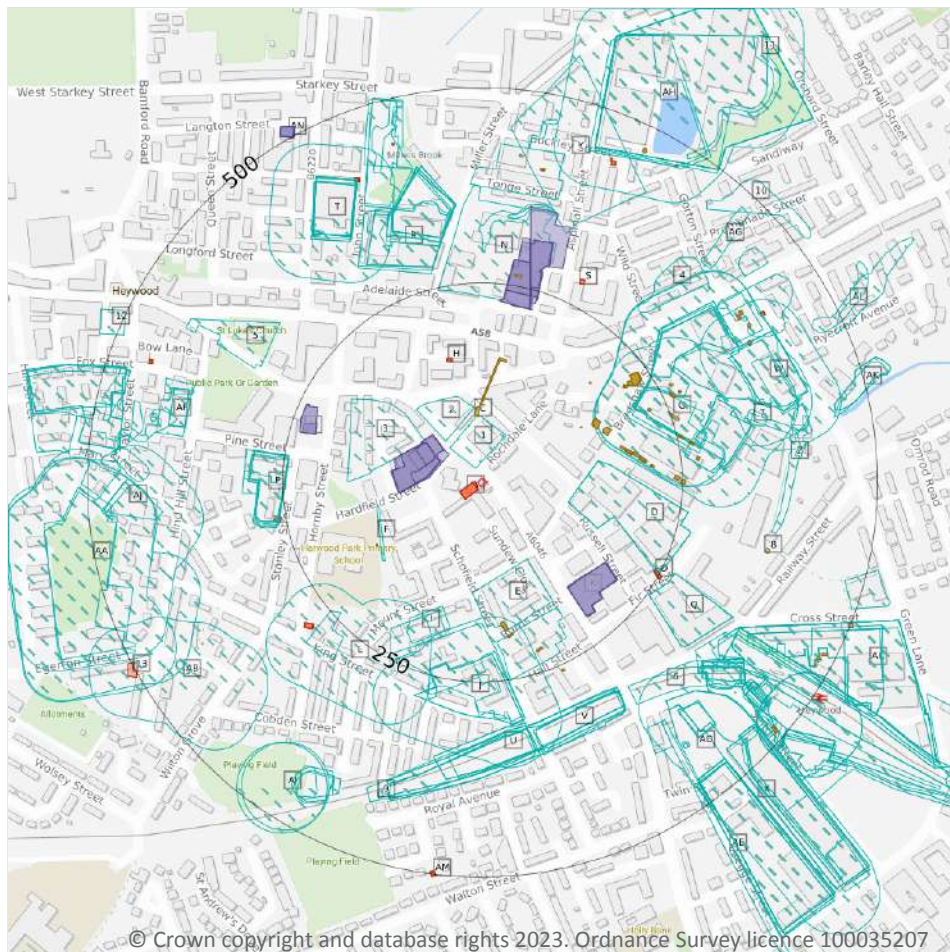
0

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

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2.1 Historical industrial land uses

Records within 500m

222

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 26**

ID	Location	Land Use	Date	Group ID
1	15m NW	Cotton Mill	1851	644472
2	66m NW	Unspecified Commercial/Industrial	1851	643273
3	86m NW	Cotton Mill	1851	644471



ID	Location	Land Use	Date	Group ID
D	107m E	Unspecified Works	1992	709429
D	107m E	Unspecified Works	1987	709429
E	110m SE	Cotton Mill	1851	644473
F	130m W	Rope Walk	1851	641263
G	154m NE	Leather Works	1909	751143
G	158m NE	Leather Works	1938	756615
G	158m NE	Leather Works	1928	756615
I	161m S	Disused Brewery	1938	672567
J	167m S	Unspecified Mill	1909	742723
I	169m S	Brewery	1890	695250
J	175m S	Unspecified Mills	1949	653212
L	177m SW	Brewery	1909	695250
E	182m SE	Unspecified Commercial/Industrial	1851	643329
G	197m NE	Leather Works	1890	752449
G	205m NE	Vale Mill	1851	653298
G	210m NE	Leather Works	1949	780460
G	210m NE	Unspecified Works	1975	774525
G	210m NE	Unspecified Works	1968	718291
G	211m NE	Tannery	1992	726106
G	211m NE	Tannery	1987	726106
J	211m S	Unspecified Mill	1938	736331
J	215m S	Unspecified Mill	1928	779611
J	215m S	Unspecified Mill	1928	779611
J	223m S	Unspecified Mill	1938	730651
N	229m N	Unspecified Works	1987	679035
G	236m NE	Cotton Mill	1851	644474
I	239m SW	Unspecified Pit	1938	690990
L	241m SW	Disused Brewery	1928	672568



ID	Location	Land Use	Date	Group ID
P	244m W	Unspecified Mill	1938	770830
P	244m W	Unspecified Mill	1928	770830
P	244m W	Unspecified Mill	1949	744080
P	245m W	Unspecified Commercial/Industrial	1975	643323
P	245m W	Unspecified Mill	1968	762065
P	247m W	Unspecified Mill	1909	735992
G	249m NE	Unspecified Works	1992	726411
G	249m NE	Unspecified Works	1987	784167
Q	253m SE	Unspecified Works	1992	777848
Q	253m SE	Unspecified Works	1987	777848
G	258m E	Unspecified Mill	1909	657012
R	270m N	Unspecified Mill	1909	771419
R	273m N	Unspecified Mill	1928	790270
R	278m N	Unspecified Mill	1949	695567
R	278m N	Unspecified Commercial/Industrial	1968	643272
N	288m N	Refuse Heap	1909	677989
4	293m NE	Sand Pits	1851	664409
T	294m NW	Cotton Mills	1890	659319
R	302m N	Cotton Mill	1851	644456
U	304m SE	Cuttings	1949	754220
U	304m SE	Cuttings	1968	749299
U	305m SE	Cuttings	1975	757642
R	306m N	Unspecified Mill	1938	767123
U	308m S	Cuttings	1992	756604
U	308m S	Cuttings	1987	756604
R	308m N	Unspecified Mill	1928	768378
V	308m SE	Cuttings	1851	751311
V	310m SE	Cuttings	1928	784579



ID	Location	Land Use	Date	Group ID
V	310m SE	Cuttings	1909	785672
U	310m SE	Cuttings	1938	781123
U	310m SE	Cuttings	1890	696354
R	312m N	Unspecified Mill	1992	787885
R	312m N	Unspecified Mill	1987	715409
R	312m N	Unspecified Mill	1975	715409
W	313m NE	Unspecified Mills	1938	753816
5	315m NW	Grave Yard	1851	668134
U	316m S	Cuttings	1851	779789
U	317m S	Cuttings	1928	695462
U	317m S	Cuttings	1909	695462
6	318m SE	Cuttings	1851	642606
X	329m SE	Unspecified Wharf	1938	722379
Y	331m N	Brick Yard	1851	681784
N	335m N	Unspecified Ground Workings	1928	648068
Z	340m E	Unspecified Ground Workings	1938	787871
7	343m E	Unspecified Heap	1909	650924
X	343m SE	Railway Sidings	1890	756094
W	347m NE	Unspecified Mills	1928	709769
T	347m NW	Unspecified Mill	1928	752340
T	347m NW	Unspecified Mill	1909	752340
T	347m NW	Unspecified Mill	1938	787576
T	351m NW	Unspecified Mill	1992	744725
T	351m NW	Unspecified Mill	1987	744725
T	351m NW	Unspecified Mill	1975	744725
W	352m NE	Unspecified Mills	1949	705883
T	353m NW	Unspecified Mill	1949	744152
T	353m NW	Unspecified Commercial/Industrial	1968	643271

ID	Location	Land Use	Date	Group ID
AA	354m W	Corporation Yard	1909	725336
T	356m N	Unspecified Mill	1909	718051
AB	357m SW	Electricity Generating Station	1909	691689
X	358m SE	Railway Building	1975	670225
X	358m SE	Railway Station	1949	779544
X	358m SE	Railway Station	1968	774902
X	359m SE	Railway Sidings	1938	785365
X	359m SE	Railway Sidings	1949	776436
X	359m SE	Railway Sidings	1968	776416
X	360m SE	Railway Station	1890	760421
X	361m SE	Railway Station	1938	760421
X	362m SE	Railway Station	1928	760421
X	362m SE	Railway Station	1909	760421
W	362m NE	Unspecified Mills	1890	757084
X	362m SE	Iron Works	1949	704071
X	362m SE	Unspecified Commercial/Industrial	1968	643330
T	368m N	Unspecified Mill	1928	768377
Y	368m N	Unspecified Mill	1890	657011
W	371m NE	Unspecified Mills	1909	709769
W	372m NE	Sand Pits	1851	664408
X	372m SE	Railway Station	1851	736365
X	374m SE	Railway Sidings	1992	780627
X	374m SE	Railway Sidings	1987	780627
X	374m SE	Railway Sidings	1975	780627
AC	374m SE	Unspecified Mill	1992	709811
AC	374m SE	Unspecified Mill	1987	709811
AC	374m SE	Unspecified Mills	1975	695623
AC	374m SE	Unspecified Mills	1949	737761



ID	Location	Land Use	Date	Group ID
AC	374m SE	Unspecified Mills	1968	695623
AD	374m SE	Unspecified Wharf	1949	735373
X	375m SE	Railway Sidings	1928	704157
X	375m SE	Railway Sidings	1909	705761
AD	376m SE	Coal Depot	1851	641173
AA	379m W	Corporation Yard	1949	724002
AE	379m SE	Tramway Sidings	1851	670787
AD	381m SE	Unspecified Wharf	1928	745393
AD	381m SE	Unspecified Wharf	1909	745393
AF	382m W	Police Station	1968	695595
AF	382m W	Police Station	1992	749421
AF	382m W	Police Station	1987	749421
AF	384m W	Police Station	1975	695595
AD	384m SE	Warehouse	1851	685827
X	385m SE	Railway Sidings	1851	760586
AC	386m SE	Unspecified Mills	1928	746018
AC	386m SE	Unspecified Mills	1909	746018
W	388m NE	Chimney	1851	684516
AG	393m NE	Rope Walk	1851	641249
AF	393m W	Refuse Heap	1909	677969
Z	395m E	Unspecified Pit	1975	749750
Z	395m E	Unspecified Pit	1968	749750
Z	397m E	Unspecified Ground Workings	1909	769255
AH	398m N	Unspecified Mills	1928	765674
AI	402m SW	Railway Terminus	1938	754962
AI	404m SW	Railway Terminus	1928	754962
AJ	405m W	Mortuary	1928	703013
T	405m N	Unspecified Disused Mill	1890	675746



ID	Location	Land Use	Date	Group ID
9	410m S	Railway Building	1949	670230
AI	411m SW	Unspecified Heap	1949	710606
T	413m N	Unspecified Ground Workings	1968	648067
AA	413m W	Corporation Yard	1938	724002
AI	415m SW	Railway Terminus	1949	680163
AI	415m SW	Unspecified Heap	1938	748447
AD	417m SE	Weighing Machine	1851	656617
AI	418m SW	Unspecified Heap	1968	759855
AI	419m SW	Unspecified Heap	1928	748447
X	419m SE	Railway Building	1992	734775
X	419m SE	Railway Building	1987	734775
AF	419m W	Unspecified Heap	1928	650925
AD	420m SE	Unspecified Tank	1938	674834
AJ	421m W	Refuse Heap	1890	677970
AG	422m NE	Refuse Heap	1851	677954
X	424m SE	Railway Building	1851	715461
X	425m SE	Railway Building	1975	764030
X	425m SE	Railway Building	1949	716529
X	425m SE	Railway Building	1968	764030
X	427m SE	Railway Building	1890	702836
Y	428m N	Ground Workings	1851	681864
X	429m SE	Railway Building	1909	711147
X	429m SE	Railway Building	1928	788569
AF	435m W	Unspecified Pit	1928	690989
AB	441m SW	Sand Pit	1851	643783
AH	442m N	Unspecified Mill	1890	701813
AH	444m N	Unspecified Mills	1909	768510
AJ	446m W	Mortuary	1909	703013



ID	Location	Land Use	Date	Group ID
AH	447m N	Unspecified Mill	1938	708740
10	448m NE	Unspecified Pit	1890	690988
AH	449m N	Unspecified Mills	1992	704476
AH	449m N	Unspecified Mills	1987	704476
AH	449m N	Unspecified Mills	1975	704476
AH	449m N	Unspecified Mill	1949	730399
AH	449m N	Unspecified Mills	1968	704476
X	452m SE	Unspecified Depot	1992	763803
X	452m SE	Unspecified Depot	1987	763803
AK	452m E	Unspecified Ground Workings	1938	648064
AK	455m E	Unspecified Pit	1949	704001
AK	455m E	Unspecified Pit	1968	738518
X	456m SE	Railway Building	1928	724142
AC	456m SE	Unspecified Mills	1938	704732
X	457m SE	Railway Sidings	1851	738123
X	458m SE	Iron Works	1909	744698
AJ	458m W	Mortuary	1949	679695
X	458m SE	Iron Works	1928	707821
X	458m SE	Iron Works	1938	767631
X	460m SE	Unspecified Works	1992	774830
X	460m SE	Unspecified Works	1987	774830
AA	461m W	Corporation Yard	1968	720080
AF	462m W	Unspecified Warehouse	1992	740533
AF	462m W	Unspecified Warehouse	1987	740533
AL	462m NE	Refuse Heap	1890	677955
AF	463m W	Unspecified Commercial/Industrial	1949	713583
AF	466m W	Unspecified Commercial/Industrial	1975	696141
AA	466m W	Corporation Yard	1928	710947



ID	Location	Land Use	Date	Group ID
AE	467m SE	Unspecified Commercial/Industrial	1992	744837
AE	467m SE	Unspecified Commercial/Industrial	1987	744837
AE	467m SE	Unspecified Commercial/Industrial	1975	750615
AE	467m SE	Unspecified Mills	1949	699086
AE	467m SE	Unspecified Commercial/Industrial	1968	750615
AF	467m W	Rope Walk	1851	641248
AF	468m W	Unspecified Mill	1909	711338
X	470m SE	Iron Foundry	1851	683066
AE	471m SE	Unspecified Mills	1938	749851
AE	471m SE	Unspecified Mills	1890	749851
X	471m SE	Railway Building	1968	670219
AE	472m SE	Unspecified Mills	1928	749851
AE	472m SE	Unspecified Mills	1909	749851
X	473m SE	Railway Building	1890	773659
AC	475m E	Unspecified Works	1992	679031
AL	485m NE	Sand Pit	1909	643890
11	487m NE	Unspecified Ground Workings	1928	733555
12	491m W	Unspecified Commercial/Industrial	1851	643121
AC	495m E	Cotton Mills	1890	659340
X	498m SE	Railway Building	1949	758433
X	498m SE	Railway Building	1968	753903
X	499m SE	Railway Buildings	1890	681655
X	499m SE	Railway Building	1928	733579

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

117

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 26**

ID	Location	Land Use	Date	Group ID
C	78m N	Tanks	1910	96425
C	78m N	Tanks	1930	96425
G	138m NE	Unspecified Tank	1956	89756
G	138m NE	Unspecified Tank	1956	89856
F	151m SW	Unspecified Tank	1967	102445
F	151m SW	Unspecified Tank	1967	97116
F	151m SW	Unspecified Tank	1965	93565
F	151m SW	Unspecified Tank	1974	94931
F	152m SW	Unspecified Tank	1978	100974
G	152m NE	Tanks	1974	102272
G	153m NE	Tanks	1985	102272
G	153m NE	Tanks	1991	102272
G	161m E	Tanks	1974	87722
G	162m NE	Unspecified Tank	1991	84264
E	175m S	Tanks	1978	90176
E	175m S	Tanks	1974	90176
G	176m E	Unspecified Tank	1985	100572
G	176m E	Unspecified Tank	1991	100572
G	181m E	Unspecified Tank	1968	89391
G	182m E	Unspecified Tank	1985	100804
G	182m E	Unspecified Tank	1991	96091
G	182m NE	Unspecified Tank	1890	84265
G	183m E	Unspecified Tank	1967	89391



ID	Location	Land Use	Date	Group ID
G	183m E	Unspecified Tank	1974	89391
G	189m E	Unspecified Tank	1974	95545
G	190m E	Unspecified Tank	1985	102098
G	190m E	Unspecified Tank	1991	98857
E	192m S	Unspecified Tank	1978	91845
E	192m S	Unspecified Tank	1974	91845
G	197m E	Unspecified Tank	1968	95970
G	197m E	Unspecified Tank	1985	90659
G	197m E	Unspecified Tank	1991	90659
G	198m E	Unspecified Tank	1967	95970
G	198m E	Unspecified Tank	1974	95970
G	210m E	Unspecified Tank	1968	99132
G	211m E	Unspecified Tank	1967	92815
G	211m E	Unspecified Tank	1974	92815
G	212m NE	Unspecified Tank	1985	93744
G	212m NE	Unspecified Tank	1991	93744
G	212m NE	Unspecified Tank	1956	93744
G	212m NE	Unspecified Tank	1968	93744
G	213m NE	Unspecified Tank	1967	93744
G	213m NE	Unspecified Tank	1956	93744
G	213m NE	Unspecified Tank	1974	93744
G	218m NE	Tanks	1956	100380
G	218m NE	Tanks	1968	100380
G	218m NE	Tanks	1985	93097
E	219m S	Unspecified Tank	1986	90755
G	219m NE	Tanks	1967	100380
G	219m NE	Tanks	1956	100380
G	219m NE	Tanks	1974	100380



ID	Location	Land Use	Date	Group ID
E	219m S	Unspecified Tank	1994	90755
G	225m NE	Tanks	1991	100808
G	225m NE	Unspecified Tank	1890	99566
G	225m NE	Unspecified Tank	1910	99566
G	239m E	Unspecified Tank	1968	102803
G	241m E	Unspecified Tank	1967	102803
G	248m E	Unspecified Tank	1985	89174
G	248m E	Unspecified Tank	1991	89174
G	249m E	Tanks	1910	87690
G	252m E	Unspecified Tank	1985	95020
G	252m E	Unspecified Tank	1991	89965
G	253m E	Unspecified Tank	1967	101967
G	253m E	Unspecified Tank	1974	101967
G	255m E	Unspecified Tank	1968	103232
E	256m SE	Unspecified Tank	1956	88730
E	256m SE	Unspecified Tank	1956	88730
G	259m NE	Unspecified Tank	1968	94372
G	259m NE	Unspecified Tank	1985	94372
G	260m NE	Unspecified Tank	1967	94372
G	260m NE	Unspecified Tank	1974	94372
N	260m N	Tanks	1930	87689
G	262m E	Tanks	1968	97662
G	263m E	Tanks	1985	97662
G	263m E	Tanks	1991	97662
G	263m E	Tanks	1967	97662
G	263m E	Tanks	1974	97662
G	264m NE	Tanks	1910	87691
G	269m E	Unspecified Tank	1974	93605



ID	Location	Land Use	Date	Group ID
G	270m E	Unspecified Tank	1985	93605
G	270m E	Unspecified Tank	1991	93605
G	271m NE	Unspecified Tank	1985	93180
G	271m NE	Unspecified Tank	1991	93180
G	271m NE	Unspecified Tank	1956	89753
G	271m NE	Unspecified Tank	1968	103236
G	272m NE	Unspecified Tank	1967	102754
G	272m NE	Unspecified Tank	1956	101238
G	272m NE	Unspecified Tank	1974	103735
8	368m E	Unspecified Tank	1930	84730
W	383m NE	Unspecified Tank	1929	91906
W	383m NE	Unspecified Tank	1937	91906
W	388m NE	Unspecified Tank	1956	89615
W	389m NE	Unspecified Tank	1890	84268
W	389m NE	Unspecified Tank	1956	89615
Y	402m N	Tanks	1956	97823
Y	402m N	Tanks	1968	97823
Y	402m N	Tanks	1985	97823
Y	402m N	Tanks	1967	97823
Y	402m N	Tanks	1956	97823
Y	402m N	Tanks	1974	97823
AB	408m SW	Unspecified Tank	1891	84733
Y	414m N	Unspecified Tank	1937	84255
T	441m N	Unspecified Tank	1929	94398
T	441m N	Unspecified Tank	1937	94398
Y	466m NE	Unspecified Tank	1890	98153
Y	466m NE	Unspecified Tank	1910	98153
Y	466m NE	Unspecified Tank	1929	98153



ID	Location	Land Use	Date	Group ID
Y	466m NE	Unspecified Tank	1937	98153
Y	471m NE	Unspecified Tank	1956	102506
Y	471m NE	Unspecified Tank	1956	97974
AC	479m SE	Tanks	1929	87731
AC	480m SE	Tanks	1929	87730
AC	481m SE	Unspecified Tank	1937	84731
X	481m SE	Unspecified Tank	1994	103835
AC	481m SE	Unspecified Tank	1968	95619
AC	481m SE	Unspecified Tank	1968	95619
X	483m SE	Unspecified Tank	1986	103835

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	58
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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 26**

ID	Location	Land Use	Date	Group ID
A	5m W	Electricity Substation	1956	54012
A	5m W	Electricity Substation	1956	54012
A	5m W	Electricity Substation	1956	54012
A	5m W	Electricity Substation	1968	54012
H	155m N	Electricity Substation	1999	48507
H	155m N	Electricity Substation	1989	48507
M	226m W	Electricity Substation	1999	46796
M	228m W	Electricity Substation	1989	46796
M	228m W	Electricity Substation	1981	46796
O	241m SE	Electricity Substation	1983	46978



ID	Location	Land Use	Date	Group ID
O	242m SE	Electricity Substation	1994	46978
O	242m SE	Electricity Substation	1986	46978
P	255m W	Electricity Substation	1981	57260
P	256m W	Electricity Substation	1956	51371
P	256m W	Electricity Substation	1968	51371
P	256m W	Electricity Substation	1956	51371
P	256m W	Electricity Substation	1967	51371
P	256m W	Electricity Substation	1956	51371
P	256m W	Electricity Substation	1967	51371
L	278m SW	Electricity Substation	1990	49540
L	278m SW	Electricity Substation	1974	49540
L	278m SW	Electricity Substation	1978	49540
S	279m NE	Electricity Substation	1985	49342
S	279m NE	Electricity Substation	1991	49342
W	378m NE	Electricity Substation	1956	59242
W	379m NE	Electricity Substation	1956	59242
W	410m NE	Electricity Substation	1968	53172
W	410m NE	Electricity Substation	1967	49472
T	411m N	Electricity Substation	1956	50473
T	411m N	Electricity Substation	1989	50473
T	411m N	Electricity Substation	1968	50473
T	411m N	Electricity Substation	1956	50473
T	411m N	Electricity Substation	1967	50473
T	411m N	Electricity Substation	1956	50473
T	412m N	Electricity Substation	1999	50473
W	412m NE	Electricity Substation	1956	49472
W	412m NE	Electricity Substation	1974	49472
T	412m N	Electricity Substation	1981	50473



ID	Location	Land Use	Date	Group ID
W	412m NE	Electricity Substation	1985	49472
W	412m NE	Electricity Substation	1991	49472
W	413m NE	Electricity Substation	1956	49472
Y	434m N	Electricity Substation	1991	51680
Y	434m N	Electricity Substation	1974	51680
Y	438m N	Electricity Substation	1985	46698
AF	444m W	Electricity Substation	1999	53231
AF	444m W	Electricity Substation	1956	53231
AF	444m W	Electricity Substation	1967	53231
AF	444m W	Electricity Substation	1956	53231
AF	444m W	Electricity Substation	1967	53231
AF	444m W	Electricity Substation	1981	53231
AF	444m W	Electricity Substation	1956	53231
AF	444m W	Electricity Substation	1989	53231
AF	444m W	Electricity Substation	1968	53231
13	492m SW	Electricity Generating Station	1910	46473
AM	495m S	Electricity Substation	1978	47454
AM	495m S	Electricity Substation	1990	47454
AM	495m S	Electricity Substation	1974	47454
AC	497m E	Electricity Substation	1986	45526

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

31

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 26**

ID	Location	Land Use	Date	Group ID
B	52m NW	Garage	1999	16673
B	54m NW	Garage	1967	17750
B	54m NW	Garage	1967	17750
B	56m NW	Garage	1981	18900
B	63m NW	Garage	1956	18597
B	63m NW	Garage	1968	15821
B	63m NW	Garage	1989	18900
B	63m NW	Garage	1956	18597
K	169m SE	Garage	1994	18333
K	170m SE	Garage	1986	18333
K	170m SE	Garage	1983	16044
M	217m W	Garage	1956	19661
M	217m W	Garage	1968	19661
M	217m W	Garage	1956	19661
M	217m W	Garage	1967	18818
M	217m W	Garage	1956	19661
M	217m W	Garage	1967	18818
N	224m N	Garage	1999	19066
N	225m N	Garage	1981	17540
N	225m N	Garage	1968	19066
N	232m N	Garage	1991	16022
N	238m N	Garage	1967	19033
N	238m N	Garage	1974	19033

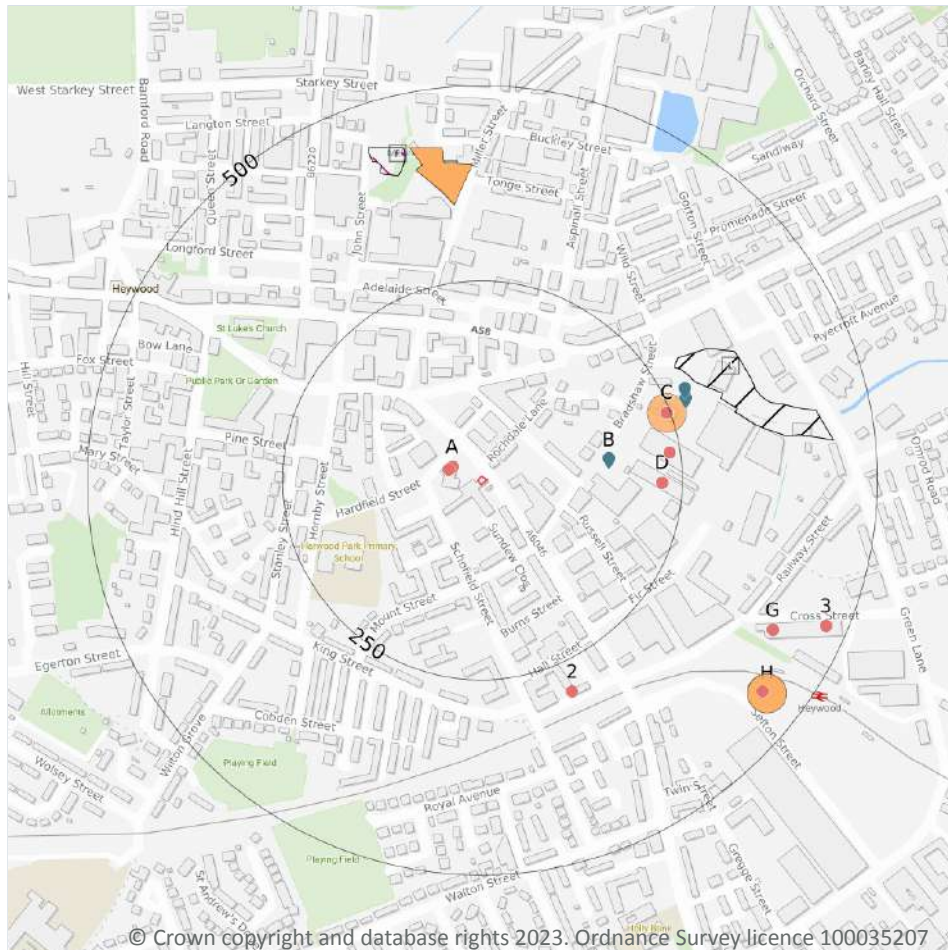


ID	Location	Land Use	Date	Group ID
N	241m N	Garage	1989	15169
N	242m N	Garage	1967	15390
N	253m N	Garage	1968	17540
AN	498m NW	Garage	1985	19683
AN	498m NW	Garage	1973	18666
AN	498m NW	Garage	1990	18666
AN	499m NW	Garage	1956	18666
AN	499m NW	Garage	1956	19683

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

2

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

Features are displayed on the Waste and landfill map on **page 44**

ID	Location	Site address	Source	Data type
F	399m N	Refuse Tip	1967 mapping	Polygon
F	399m N	Refuse Tip	1967 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

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 44**

ID	Location	Details		
1	279m NE	Site Address: Roe Acre Mill, Rochdale Road East, Heywood, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: D121, 0786 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Rochdale Canal Company Licence Holder: Roe Acre Dye and Finishing Company Limited First Recorded 01/05/1972 Last Recorded: 31/08/1992

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

3.5 Historical waste sites

Records within 500m

6

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 44**



ID	Location	Address	Further Details	Date
C	220m E	Site Address: Silvester House, Bradshaw Street, Roe Acre Tannery, HEYWOOD, Greater Manchester, OL10 1PN	Type of Site: Recycling Centre (Conversion) Planning application reference: 08/D50670 Description: Scheme comprises change of use from industrial yard/tannery to waste recycling centre. An application (ref: 08/D50670) for detailed planning permission was granted by Rochdale B.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	21/02/2009
E	349m 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	1989
E	350m 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	1999
E	350m 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	1999
H	425m SE	Site Address: Sefton Street, HEYWOOD, Greater Manchester, OL10 2JX	Type of Site: Waste Transfer Depot Planning application reference: D28566 Description: An application (ref: D28566) for Detailed Planning permission was submitted to Rochdale B.C. on 24th August 1992. Construction - 2 roller shutter industrial doors. Data source: Historic Planning Application Data Type: Point	-
H	426m SE	Site Address: Sefton Street, Waste Transfer/Recycling Depot, Sefton Street, HEYWOOD, Greater Manchester, OL10 2JF	Type of Site: Waste Transfer/Recycling Depot Planning application reference: 35703 Description: Renewal of 28566 for a waste transfer/recycling depot. An application (ref: 35703) for Detailed Planning permission was submitted to Rochdale B.C. on 21st August 1998. Data source: Historic Planning Application Data Type: Point	-

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



3.6 Licensed waste sites

Records within 500m

4

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

Features are displayed on the Waste and landfill map on **page 44**

ID	Location	Details		
B	157m E	Site Name: Roeacre Transfer Station Site Address: Silvester House, Roeacre Tannery, Bradshaw Street, Heywood, Lancs, OL10 1PN Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ROE005 EPR reference: CP3198EN/A001 Operator: Roeacre Industries Ltd Waste Management licence No: 100414 Annual Tonnage: 0	Issue Date: 24/11/2008 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	157m E	Site Name: Roeacre Transfer Station Site Address: Silvester House, Roeacre Tannery, Bradshaw Street, Heywood, Lancashire, OL10 1PN Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PGC003 EPR reference: EA/EPR/CP3198EN/A001 Operator: P G C Skip Hire Ltd Waste Management licence No: 100414 Annual Tonnage: 24999	Issue Date: 24/11/2008 Effective Date: 17/03/2011 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
C	273m E	Site Name: Silvester House Site Address: ROCHDALE SKIP HIRE LTD, Silvester House, Bradshaw Street, Heywood, OL10 1PN Correspondence Address: -	Type of Site: Inert & Excavation WTS with treatment Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: - EPR reference: EA/EPR/WE3011AA/T002 Operator: ROCHDALE SKIP HIRE LTD Waste Management licence No: 120078 Annual Tonnage: -	Issue Date: 10/06/2019 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
C	277m NE	Site Name: Roe Acre Transfer Station Site Address: Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, Lancashire, OL10 1PN Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PGC006 EPR reference: EA/EPR/AB3206XV/T001 Operator: P G C Demolition Limited Waste Management licence No: 100414 Annual Tonnage: 24999	Issue Date: 24/11/2008 Effective Date: 20/08/2013 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked

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

3.7 Waste exemptions

Records within 500m	25
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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 44**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	37m NW	36-38 Manchester Street, Heywood, Lancashire, OL10 1DL	EA/EPR/VP388 OVQ/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
A	37m NW	36-38 Manchester Street Heywood Lancashire OL10 1DL	EA/EPR/VP375 5HN/A001	Treating waste exemption	Non-Agricultural Waste Only	Repair or refurbishment of WEEE
A	40m W	36-38 Manchester Street, Heywood, Lancashire, OL10 1DL	EA/EPR/VP398 2NY/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	224m E	ROEACRE BUSINESS PARK, UNIT 9, BRADSHAW STREET, HEYWOOD, OL10 1PN	WEX125077	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Using waste exemption	Not on a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Using waste exemption	Not on a farm	Use of waste for a specified purpose
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Treating waste exemption	Not on a farm	Screening and blending of waste
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Treating waste exemption	Not on a farm	Sorting mixed waste
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Treating waste exemption	Not on a farm	Manual treatment of waste
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	236m E	Silvester House, Roe Acre Tannery, Bradshaw Street, Heywood, OL10 1PN	WEX241788	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	236m E	SILVESTER HOUSE, BRADSHAW STREET, HEYWOOD, OL10 1PN	WEX272599	Using waste exemption	Not on a farm	Use of waste in construction
D	236m E	SILVESTER HOUSE, BRADSHAW STREET, HEYWOOD, OL10 1PN	WEX272599	Treating waste exemption	Not on a farm	Screening and blending of waste

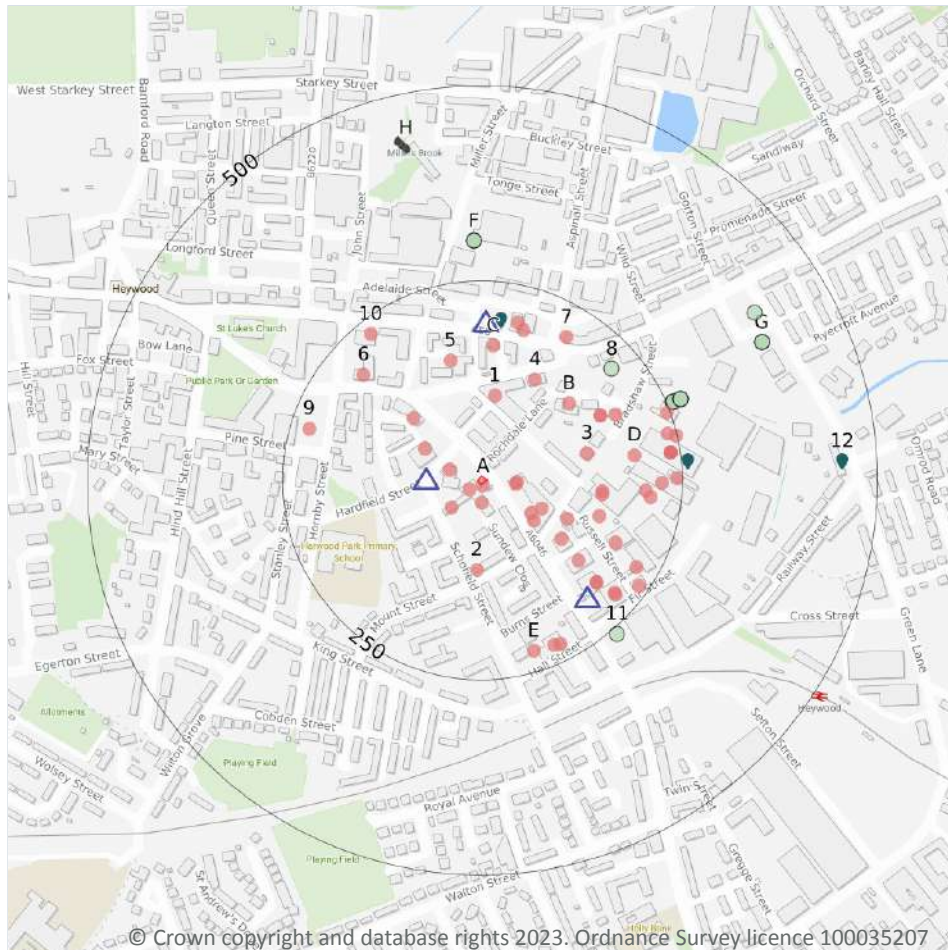


ID	Location	Site	Reference	Category	Sub-Category	Description
C	245m E	SILVESTER HOUSE, BRADSHAW STREET, HEYWOOD, OL10 1PN	WEX130753	Treating waste exemption	Not on a farm	Screening and blending of waste
C	245m E	SILVESTER HOUSE, BRADSHAW STREET, HEYWOOD, OL10 1PN	WEX130753	Using waste exemption	Not on a farm	Use of waste in construction
2	290m SE	Unit 4, Cowburn Street, Heywood, OL10 2AJ	WEX083912	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	413m SE	UNIT 25, SOUTHGATE INDUSTRIAL ESTATE, CROSS STREET, HEYWOOD, OL10 1PW	WEX259063	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
G	413m SE	UNIT 25, SOUTHGATE INDUSTRIAL ESTATE, CROSS STREET, HEYWOOD, OL10 1PW	WEX118010	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
H	445m SE	SEFTON STREET, HEYWOOD, OL10 2JF	WEX194512	Using waste exemption	Not on a farm	Use of waste in construction
3	473m SE	Southgate Industrial Estate Unit 25 Cross Street HEYWOOD Lancashire OL10 1PW	EPR/ZF0906M B/A001	Treating waste exemption	Non- Agricultura l Waste Only	Cleaning, washing, spraying or coating relevant waste

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

58

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 51**

ID	Location	Company	Address	Activity	Category
A	3m S	Electricity Sub Station	Greater Manchester, OL10	Electrical Features	Infrastructure and Facilities
A	15m SW	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
A	23m S	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features



ID	Location	Company	Address	Activity	Category
A	37m E	Lord's Motors	Russell Street, Heywood, Greater Manchester, OL10 1NY	Vehicle Breakdown and Recovery Services	Personal, Consumer and Other Services
A	38m E	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
A	39m W	Crawford's Domestic Appliances Ltd	36-38, Manchester Street, Heywood, Greater Manchester, OL10 1DL	Electrical Equipment Repair and Servicing	Repair and Servicing
A	47m SW	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
A	71m SE	Graphic Point & Sign	81, Manchester Street, Heywood, Greater Manchester, OL10 1PB	Signs	Industrial Products
A	78m SE	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
A	79m NW	Brownroyd Motors	Hardfield Street, Heywood, Greater Manchester, OL10 1DL	Secondhand Vehicles	Motoring
A	80m SE	Heywood Scaffolding Services	83, Manchester Street, Heywood, Greater Manchester, OL10 1PB	Construction and Tool Hire	Hire Services
1	104m N	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
2	109m S	Electricity Sub Station	Greater Manchester, OL10	Electrical Features	Infrastructure and Facilities
A	114m SE	Finer Detailing Ltd	2, Russell Street, Heywood, Greater Manchester, OL10 1NX	Vehicle Cleaning Services	Personal, Consumer and Other Services
A	115m NW	Abiko Computers	14, Manchester Street, Heywood, Greater Manchester, OL10 1DL	Electrical Equipment Repair and Servicing	Repair and Servicing
A	121m SE	Celsius Air Conditioning	1, Well Street, Heywood, Greater Manchester, OL10 1NT	Construction Completion Services	Construction Services
3	132m E	S R B Plant Hire Ltd	Srb Plant Hire Ltd the Transport Yard, Brierley Street, Heywood, Greater Manchester, OL10 1PH	Distribution and Haulage	Transport, Storage and Delivery
4	142m NE	Premier Tank Services	40, Rochdale Road, Heywood, Greater Manchester, OL10 1LE	Seals, Tapes, Taps and Valves	Industrial Products
B	143m NE	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features



ID	Location	Company	Address	Activity	Category
A	148m E	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
A	149m E	Gilwood Fabricators Co Ltd	Bradshaw Street, Heywood, Greater Manchester, OL10 1PL	General Construction Supplies	Industrial Products
A	151m E	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
5	154m N	Electricity Sub Station	Greater Manchester, OL10	Electrical Features	Infrastructure and Facilities
A	156m SE	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
B	167m NE	Tanks	Greater Manchester, OL10	Tanks (Generic)	Industrial Features
B	167m NE	Tank	Greater Manchester, OL10	Tanks (Generic)	Industrial Features
C	168m N	Battersby Sports Ground Supplies	88-92, York Street, Heywood, Greater Manchester, OL10 4NS	Agricultural Machinery and Goods	Industrial Products
A	183m SE	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
B	185m NE	Atlantic Executive Travel	Atlantic Executive Travel Ltd, Bradshaw Street, Heywood, Greater Manchester, OL10 1PJ	Vehicle Hire and Rental	Hire Services
D	191m E	Tank	Greater Manchester, OL10	Tanks (Generic)	Industrial Features
A	191m SE	Heywood Hand Car Wash & Valeting Centre	123, Manchester Street, Heywood, Greater Manchester, OL10 1NL	Vehicle Cleaning Services	Personal, Consumer and Other Services
A	191m SE	Heywood Auto Clinic	123, Manchester Street, Heywood, Greater Manchester, OL10 1NL	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	195m N	Birtwistles M O T Service & Repairs	135, York Street, Heywood, Greater Manchester, OL10 4NS	Vehicle Repair, Testing and Servicing	Repair and Servicing
6	200m NW	Telephone Exchange	Greater Manchester, OL10	Telecommunications Features	Infrastructure and Facilities
C	202m N	Tesco Petrol Station	Tesco Express Roe Acre Service Station, York Street, Heywood, Greater Manchester, OL10 4NS	Petrol and Fuel Stations	Road and Rail



ID	Location	Company	Address	Activity	Category
D	203m E	Pylon	Greater Manchester, OL10	Electrical Features	Infrastructure and Facilities
7	209m NE	P C & Laptop Fix It	149, York Street, Heywood, Greater Manchester, OL10 4NX	Electrical Equipment Repair and Servicing	Repair and Servicing
D	211m E	Masts	Greater Manchester, OL10	Telecommunications Features	Infrastructure and Facilities
A	219m SE	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
A	221m SE	Becketts Bakery Engineers Ltd	Fir Street, Heywood, Greater Manchester, OL10 1NP	Food and Beverage Industry Machinery	Industrial Products
A	222m SE	Unique Moulds UK Ltd	Russell Street, Heywood, Greater Manchester, OL10 1NX	Tools Including Machine Shops	Industrial Products
E	223m S	Tank	Greater Manchester, OL10	Tanks (Generic)	Industrial Features
D	224m E	I S S Engineering Group Ltd	Unit 9 Roeacre Business Park, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	Ovens and Furnaces	Industrial Products
E	226m SE	Works	Greater Manchester, OL10	Unspecified Works Or Factories	Industrial Features
9	226m W	Electricity Sub Station	Greater Manchester, OL10	Electrical Features	Infrastructure and Facilities
E	228m SE	L & G Auto Electrics	Unit 2, Hall Street, Heywood, Greater Manchester, OL10 1DP	Vehicle Repair, Testing and Servicing	Repair and Servicing
10	231m NW	Formula One Autocentres	Equipe Tyre and Autocare, York Street, Heywood, Greater Manchester, OL10 4NS	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	237m E	Rinus Roofing Supplies	Unit 1 Roeacre Business Park, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	General Construction Supplies	Industrial Products
D	237m E	Window Plas Ltd	Unit 5 Roeacre Business Park, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	General Construction Supplies	Industrial Products
D	237m E	Complete Technology Ltd	Unit 2b Roeacre Business Park, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	Recycling, Reclamation and Disposal	Recycling Services
D	237m E	Bradshaws Coaches	Unit 1 Roeacre Business Park, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	Vehicle Hire and Rental	Hire Services



ID	Location	Company	Address	Activity	Category
D	237m E	Kwik-Fit (GB) Limited	Unit 1 Roeacre Business Park, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	237m E	Ian McNicholas Carpets Ltd	Unit 4 Roeacre Business Park, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	Construction Completion Services	Construction Services
A	237m SE	Juts Discount Tyre Bay Ltd	Juts Tyre Bay, Russell Street, Heywood, Greater Manchester, OL10 1NX	Vehicle Parts and Accessories	Motoring
D	239m E	Gantry	Greater Manchester, OL10	Travelling Cranes and Gentries	Industrial Features
D	244m E	Tank	Greater Manchester, OL10	Tanks (Generic)	Industrial Features
D	245m E	Creamy Crete Ltd	Sylvester House, Bradshaw Street, Heywood, Greater Manchester, OL10 1PN	Concrete Products	Industrial Products
D	249m E	Tank	Greater Manchester, OL10	Tanks (Generic)	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

3

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 51**

ID	Location	Company	Address	LPG	Status
A	67m W	OBSOLETE	Hardfield Street, Heywood, Greater Manchester, OL10 1DG	Not Applicable	Obsolete
A	197m SE	UNBRANDED	Manchester Street, Heywood, Greater Manchester, OL10 1NL	Not Applicable	Obsolete
C	198m N	ESSO	York Street, Adelaide Street, Heywood, Greater Manchester, OL10 4HQ	No	Open

This data is sourced from Experian.



4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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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
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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
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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

3

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 51**

ID	Location	Address	Details	
C	200m N	Tesco Petrol Station, Roe Acre Service Station, York Street, Heywood, Lancashire, OL10 4HQ	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
D	257m E	Sylvester Litton Bradshaw St, OL10 1PN	Process: leather/hide/tannery process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
12	455m E	Motorama Bodyshop, Green Lane, Rochdale	Process: Respraying of Road Vehicles; Spray Painting Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m	3
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Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 51**

ID	Location	Address	Details	
H	431m N	HEYWOOD SSO, JOHN STREET/WILLOW STREET, HEYWOOD, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016950219 Permit Version: 1 Receiving Water: MILLERS BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: 31/07/1981 Revocation Date: -
H	437m N	JOHN STREET CSO 35020, 31 JOHN STREET, HEYWOOD, GREATER MANCHESTER, OL10 4LL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993768 Permit Version: 2 Receiving Water: MILLERS BROOK VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 04/06/2018 Effective Date: 04/06/2018 Revocation Date: -
H	443m N	JOHN STREET CSO 35020, 31 JOHN STREET, HEYWOOD, GREATER MANCHESTER, OL10 4LL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0034 Permit Version: 1 Receiving Water: MILLERS BROOK	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 19/01/2006

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**15**

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 51**

ID	Location	Details	
8	213m NE	Incident Date: 29/01/2003 Incident Identification: 133895 Pollutant: Oils and Fuel Pollutant Description: Cutting Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11	258m SE	Incident Date: 08/01/2003 Incident Identification: 129945 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
D	258m E	Incident Date: 13/09/2001 Incident Identification: 30668 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
D	258m E	Incident Date: 13/09/2001 Incident Identification: 30668 Pollutant: Atmospheric Pollutants and Effects:Inert Materials and Wastes Pollutant Description: Smoke:Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
D	258m E	Incident Date: 13/09/2001 Incident Identification: 30668 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
D	268m E	Incident Date: 06/11/2002 Incident Identification: 119164 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
D	268m E	Incident Date: 06/11/2002 Incident Identification: 119164 Pollutant: Inert Materials and Wastes:Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes:Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
D	268m E	Incident Date: 06/11/2002 Incident Identification: 119164 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
F	301m N	Incident Date: 18/01/2002 Incident Identification: 53309 Pollutant: Inert Materials and Wastes:Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes:Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
F	301m N	Incident Date: 18/01/2002 Incident Identification: 53309 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
F	301m N	Incident Date: 18/01/2002 Incident Identification: 53309 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	393m NE	Incident Date: 02/04/2001 Incident Identification: 1314 Pollutant: Inert Materials and Wastes:General Biodegradable Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes:Vegetable Cuttings and Deposits	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	393m NE	Incident Date: 02/04/2001 Incident Identification: 1314 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Vegetable Cuttings and Deposits	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	393m NE	Incident Date: 02/04/2001 Incident Identification: 1314 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	403m NE	Incident Date: 09/01/2002 Incident Identification: 51428 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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



4.20 Pollution inventory waste transfers

Records within 500m

0

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

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

4.21 Pollution inventory radioactive waste

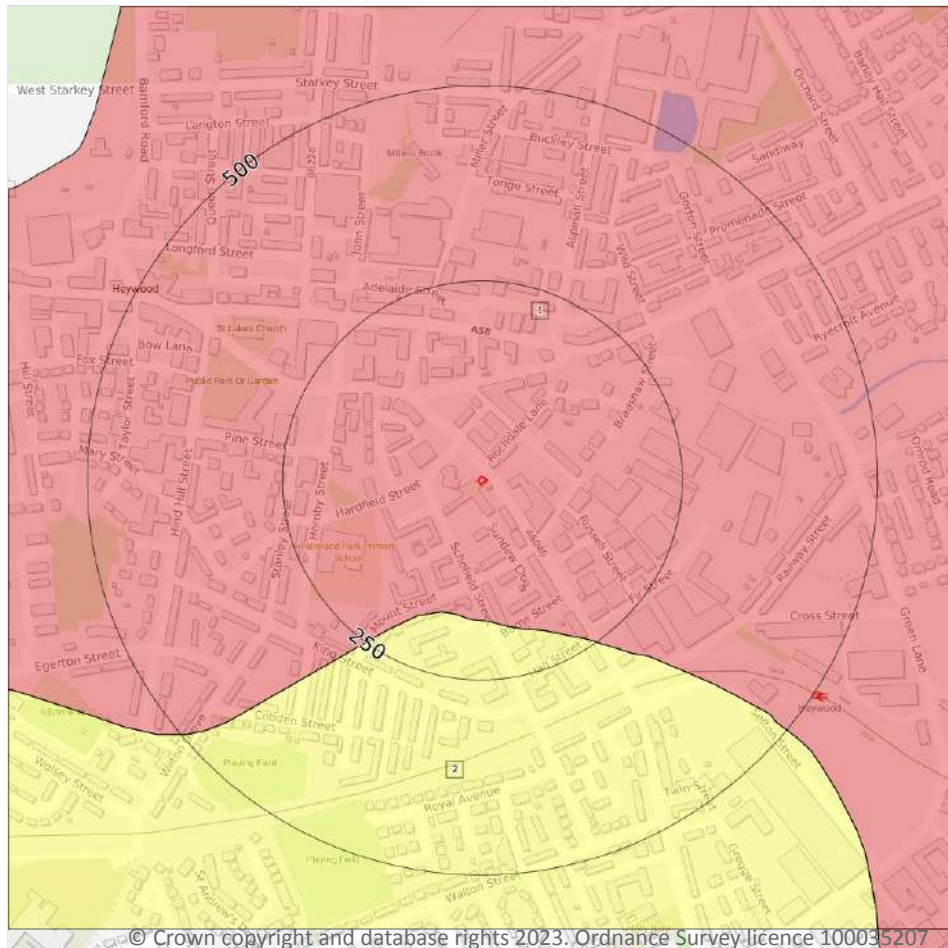
Records within 500m

0

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

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

5 Hydrogeology - Superficial aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

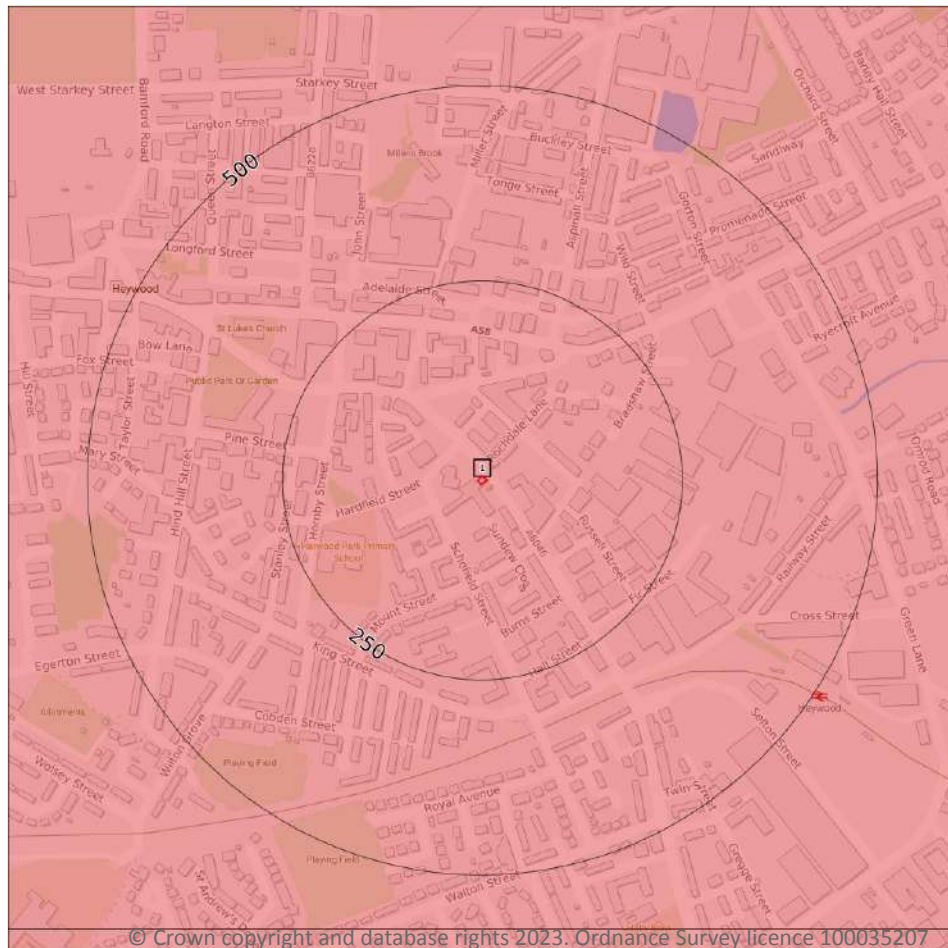
Features are displayed on the Hydrogeology map on **page 63**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	169m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

1

Aquifer status of groundwater held within bedrock geology.

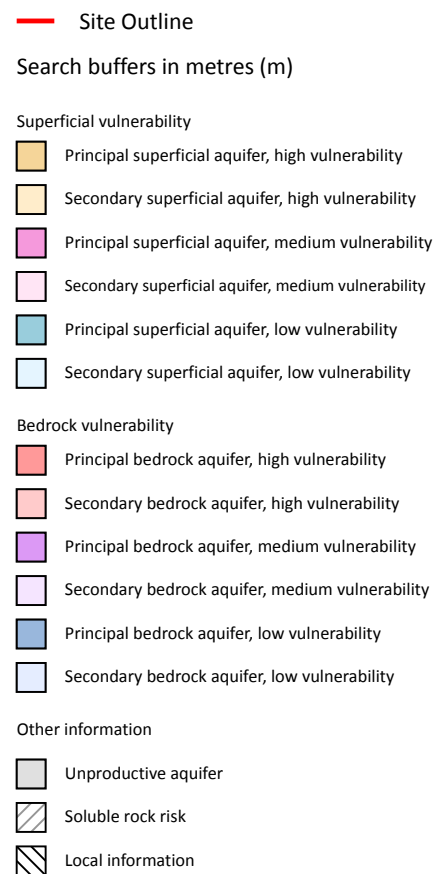
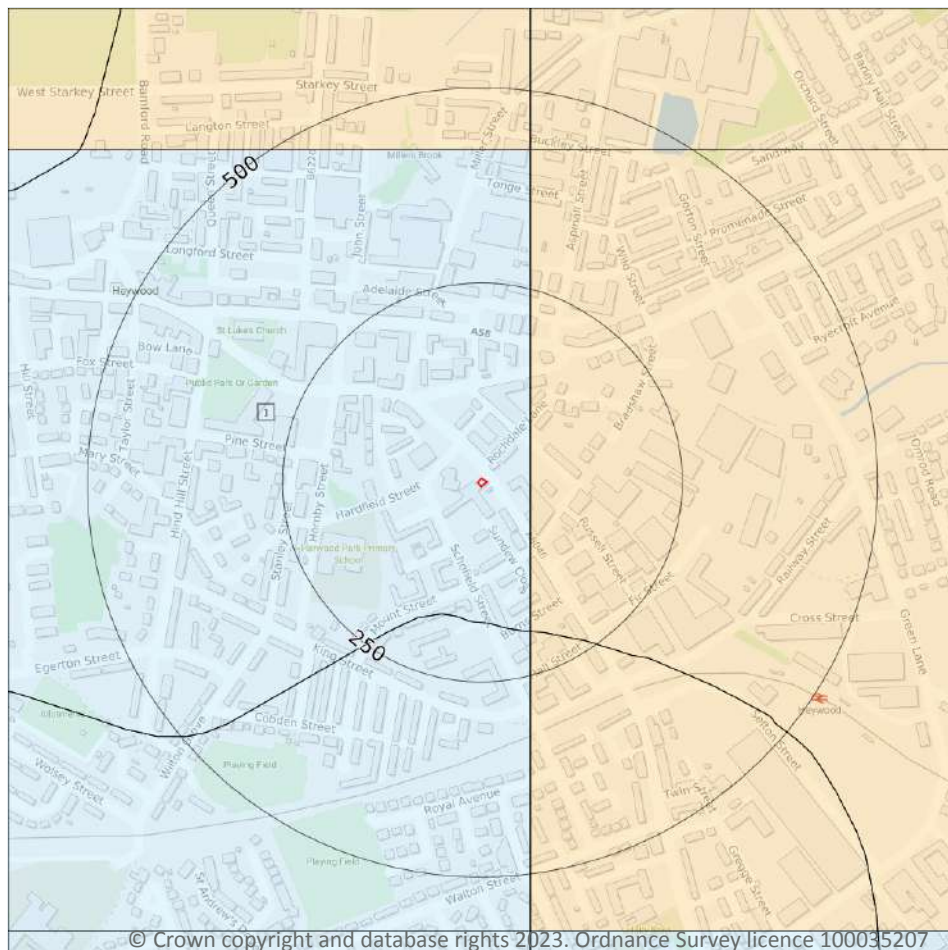
Features are displayed on the Bedrock aquifer map on **page 65**

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



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 66**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

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

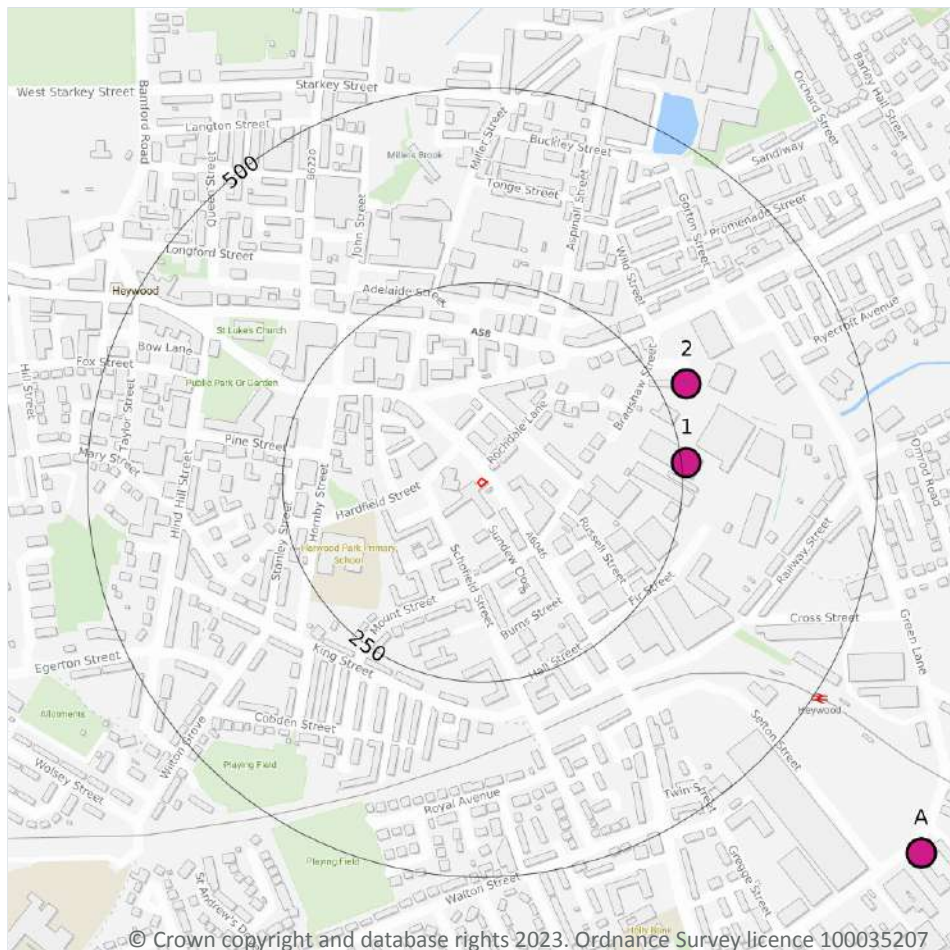
5.5 Groundwater vulnerability- local information

Records on site	0
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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
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

13

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 68**

ID	Location	Details	
1	256m E	Status: Historical Licence No: 2569002082 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLES (2) AT PREMISES, ROEACRE TANNERY, HEYWOOD, L97 Data Type: Point Name: G. S. COLD STORAGE AND WAREHOUSING LTD. Easting: 386200 Northing: 410600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2000 Version End Date: -
2	284m NE	Status: Historical Licence No: 2569002082 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLES (2) AT PREMISES, ROEACRE TANNERY, HEYWOOD Data Type: Point Name: G. S. COLD STORAGE AND WAREHOUSING LTD. Easting: 386200 Northing: 410700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2000 Version End Date: -
A	731m SE	Status: Historical Licence No: 2569002029 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, GREEN LANE, HEYWOOD" Data Type: Point Name: OAK BREWING COMPANY LTD Easting: 386500 Northing: 410100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 15/11/1990 Version End Date: -
A	731m SE	Status: Historical Licence No: 2569002029 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, GREEN LANE, HEYWOOD Data Type: Point Name: OAK BREWING COMPANY LTD Easting: 386500 Northing: 410100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 15/11/1990 Version End Date: -



ID	Location	Details	
A	731m SE	Status: Active Licence No: 2569002029 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, GREEN LANE, HEYWOOD Data Type: Point Name: OAK BREWING COMPANY LTD Easting: 386500 Northing: 410100	Annual Volume (m ³): 79,645.92 Max Daily Volume (m ³): 218.21 Original Application No: 0203 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 15/11/1990 Version End Date: -
-	843m SE	Status: Historical Licence No: 2569002257 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT GREEN LANE, HEYWOOD Data Type: Point Name: TARMAC TOPMIX LTD Easting: 386700 Northing: 410200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/06/1993 Expiry Date: - Issue No: 100 Version Start Date: 28/06/1993 Version End Date: -
-	1165m NE	Status: Historical Licence No: 2569002037 Details: Boiler Feed Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, CRIMBLE MILLS, HEYWOOD" Data Type: Point Name: ROE ACRE DYEING & FELTING CO LTD Easting: 386500 Northing: 411600	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: 21/05/1993 Version End Date: -
-	1165m NE	Status: Historical Licence No: 2569002037 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, CRIMBLE MILLS, HEYWOOD" Data Type: Point Name: ROE ACRE DYEING & FELTING CO LTD Easting: 386500 Northing: 411600	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: 21/05/1993 Version End Date: -



ID	Location	Details	
-	1165m NE	Status: Historical Licence No: 2569002037 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, CRIMBLE MILLS,HEYWOOD Data Type: Point Name: K.SHAW & COMPANY LTD. Easting: 386500 Northing: 411600	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: 01/10/2002 Version End Date: -
-	1165m NE	Status: Historical Licence No: 2569002037 Details: Boiler Feed Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, CRIMBLE MILLS,HEYWOOD Data Type: Point Name: K.SHAW & COMPANY LTD. Easting: 386500 Northing: 411600	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: 01/10/2002 Version End Date: -
-	1825m N	Status: Historical Licence No: 2569002217 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT BUTTERWORTH FOLD FARM, BAMFORD, ROCHDALE" Data Type: Point Name: JAMES SWALLOW LTD Easting: 385800 Northing: 412400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 22/09/1980 Version End Date: -
-	1825m N	Status: Historical Licence No: 2569002217 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT BUTTERWORTH FOLD FARM, BAMFORD, ROCHDALE Data Type: Point Name: JAMES SWALLOW LTD Easting: 385800 Northing: 412400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 22/09/1980 Version End Date: -

ID	Location	Details	
-	1825m N	Status: Active Licence No: 2569002217 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT BUTTERWORTH FOLD FARM BAMFORD ROCHDALE Data Type: Point Name: JAMES SWALLOW LTD Easting: 385800 Northing: 412400	Annual Volume (m ³): 33,185.80 Max Daily Volume (m ³): 90.92 Original Application No: 2563 Original Start Date: 22/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2007 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	12
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Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 68**

ID	Location	Details	
-	1145m NE	Status: Historical Licence No: 2569002270 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: RIVER ROCH AT HEYWOOD Data Type: Line Name: ROE ACRE DYEING & FELTING CO LTD Easting: 386620 Northing: 411500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 17/06/1999 Version End Date: -
-	1145m NE	Status: Historical Licence No: 2569002270 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: RIVER ROCH AT HEYWOOD Data Type: Line Name: ROE ACRE DYEING & FELTING CO LTD Easting: 386620 Northing: 411500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 17/06/1999 Version End Date: -



ID	Location	Details	
-	1748m N	Status: Historical Licence No: 2569002255 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: NADEN BROOK AT SIMPSON CLOUGH, HEYWOOD 112 Data Type: Point Name: J R CROMPTON LTD Easting: 385360 Northing: 412230	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/02/1993 Expiry Date: - Issue No: 101 Version Start Date: 10/10/2000 Version End Date: -
-	1748m N	Status: Historical Licence No: 2569002255 Details: General use relating to Secondary Category (Medium Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "NADEN BROOK AT SIMPSON CLOUGH, HEYWOOD \$112" Data Type: Point Name: J R CROMPTON LTD Easting: 385360 Northing: 412230	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/02/1993 Expiry Date: - Issue No: 101 Version Start Date: 10/10/2000 Version End Date: -
-	1748m N	Status: Historical Licence No: 2569002255 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: NADEN BROOK AT SIMPSON CLOUGH, HEYWOOD \$112 Data Type: Point Name: J R CROMPTON LTD Easting: 385360 Northing: 412230	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/02/1993 Expiry Date: - Issue No: 101 Version Start Date: 10/10/2000 Version End Date: -
-	1748m N	Status: Active Licence No: 2569002255 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: NADEN BROOK AT SIMPSON CLOUGH, HEYWOOD Data Type: Point Name: UNION PAPERTECH LIMITED Easting: 385360 Northing: 412230	Annual Volume (m ³): 2,136,620 Max Daily Volume (m ³): 6,219 Original Application No: 949 Original Start Date: 12/02/1993 Expiry Date: - Issue No: 102 Version Start Date: 13/08/2007 Version End Date: -

ID	Location	Details	
-	1928m N	Status: Historical Licence No: 2569002166 Details: Process water Direct Source: "Surface, Non-Tidal - North West Region" Point: "CHEESDEN BRK AT SIMPSON CLOUGH, HEYWOOD" Data Type: Point Name: J R CROMPTON LTD Easting: 385300 Northing: 412400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 21/05/2001 Version End Date: -
-	1928m N	Status: Historical Licence No: 2569002166 Details: Boiler Feed Direct Source: "Surface, Non-Tidal - North West Region" Point: "CHEESDEN BRK AT SIMPSON CLOUGH, HEYWOOD" Data Type: Point Name: J R CROMPTON LTD Easting: 385300 Northing: 412400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 21/05/2001 Version End Date: -
-	1928m N	Status: Historical Licence No: 2569002166 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: CHEESDEN BRK AT SIMPSON CLOUGH, HEYWOOD Data Type: Point Name: J R CROMPTON LTD Easting: 385300 Northing: 412400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 21/05/2001 Version End Date: -
-	1928m N	Status: Historical Licence No: 2569002166 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: CHEESDEN BRK AT SIMPSON CLOUGH, HEYWOOD Data Type: Point Name: J R CROMPTON LTD Easting: 385300 Northing: 412400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 21/05/2001 Version End Date: -



ID	Location	Details	
-	1928m N	Status: Active Licence No: 2569002166 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: CHEESDEN BROOK AT SIMPSON CLOUGH HEYWOOD Data Type: Point Name: UNION PAPERTECH LIMITED Easting: 385300 Northing: 412400	Annual Volume (m ³): 2,136,620 Max Daily Volume (m ³): 12,437.86 Original Application No: 949 Original Start Date: 24/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 13/08/2007 Version End Date: -
-	1928m N	Status: Active Licence No: 2569002166 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: CHEESDEN BROOK AT SIMPSON CLOUGH HEYWOOD Data Type: Point Name: UNION PAPERTECH LIMITED Easting: 385300 Northing: 412400	Annual Volume (m ³): 2,136,620 Max Daily Volume (m ³): 12,437.86 Original Application No: 949 Original Start Date: 24/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 13/08/2007 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0
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Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

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

5.9 Source Protection Zones

Records within 500m	0
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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

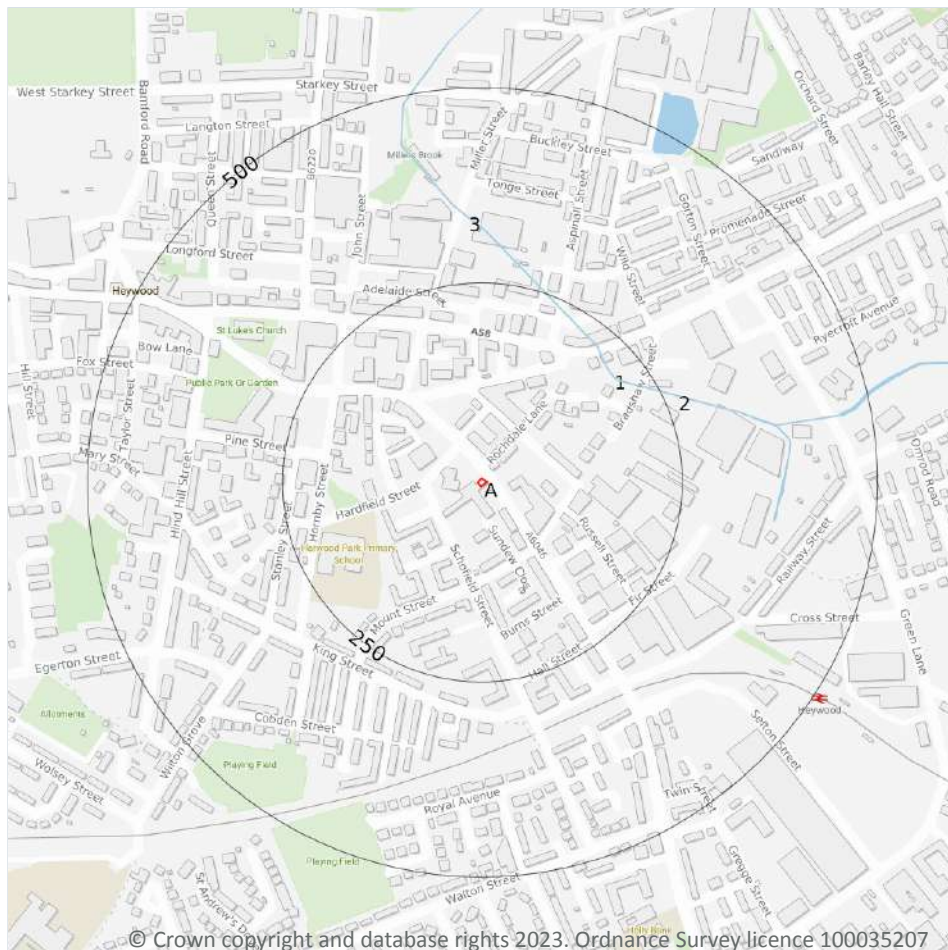
0

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



- 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

3

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

Features are displayed on the Hydrology map on **page 77**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	211m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Millers Brook

ID	Location	Type of water feature	Ground level	Permanence	Name
2	211m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Millers Brook
3	211m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Millers Brook

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 77**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Roch (Spodden to Irwell)	GB112069064600	Roch Irk Medlock	Irwell

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 77**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	556m N	River	Roch (Spodden to Irwell)	GB112069064600	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
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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 77**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Northern Manchester Carboniferous Aquifers	GB41202G101800	Poor	Poor	Good	2019

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

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

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

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.3 Flood Defences

Records within 250m

0

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

Records within 50m

0

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

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

8.1 Surface water flooding

Highest risk on site

1 in 100 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on **page 83**

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

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

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

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

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

9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

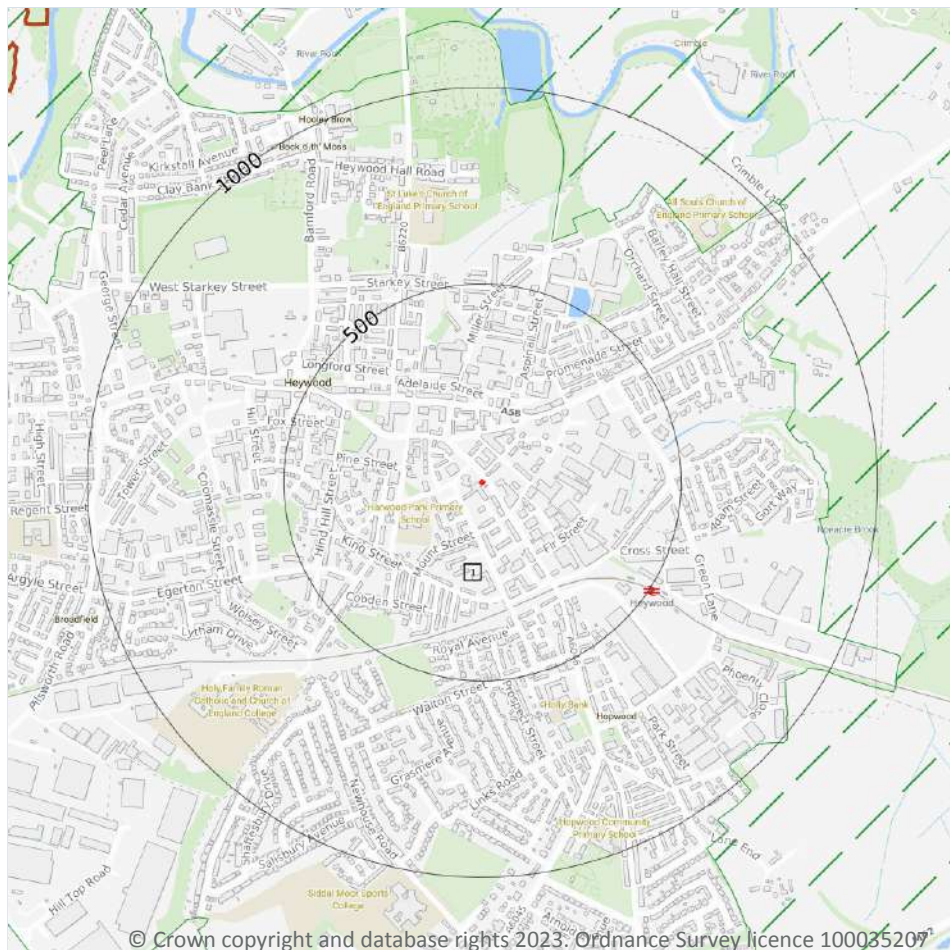
Moderate

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 85**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- 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

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

7

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 86**

ID	Location	Name	Woodland Type
-	1435m NE	Unknown	Ancient & Semi-Natural Woodland
3	1557m NW	Unknown	Ancient & Semi-Natural Woodland
4	1606m NW	Simpson Clough Wood	Ancient & Semi-Natural Woodland
-	1701m NW	Jowkin Wood	Ancient & Semi-Natural Woodland
-	1781m N	Jowkin Wood	Ancient & Semi-Natural Woodland
-	1796m NW	Unknown	Ancient & Semi-Natural Woodland
-	1895m NE	Springfield Wood	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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



10.9 Forest Parks

Records within 2000m**0**

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m**0**

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

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

10.11 Green Belt

Records within 2000m**1**

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

Features are displayed on the Environmental designations map on **page 86**

ID	Location	Name	Local Authority name
1	633m N	Merseyside and Greater Manchester	Rochdale

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**1**

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

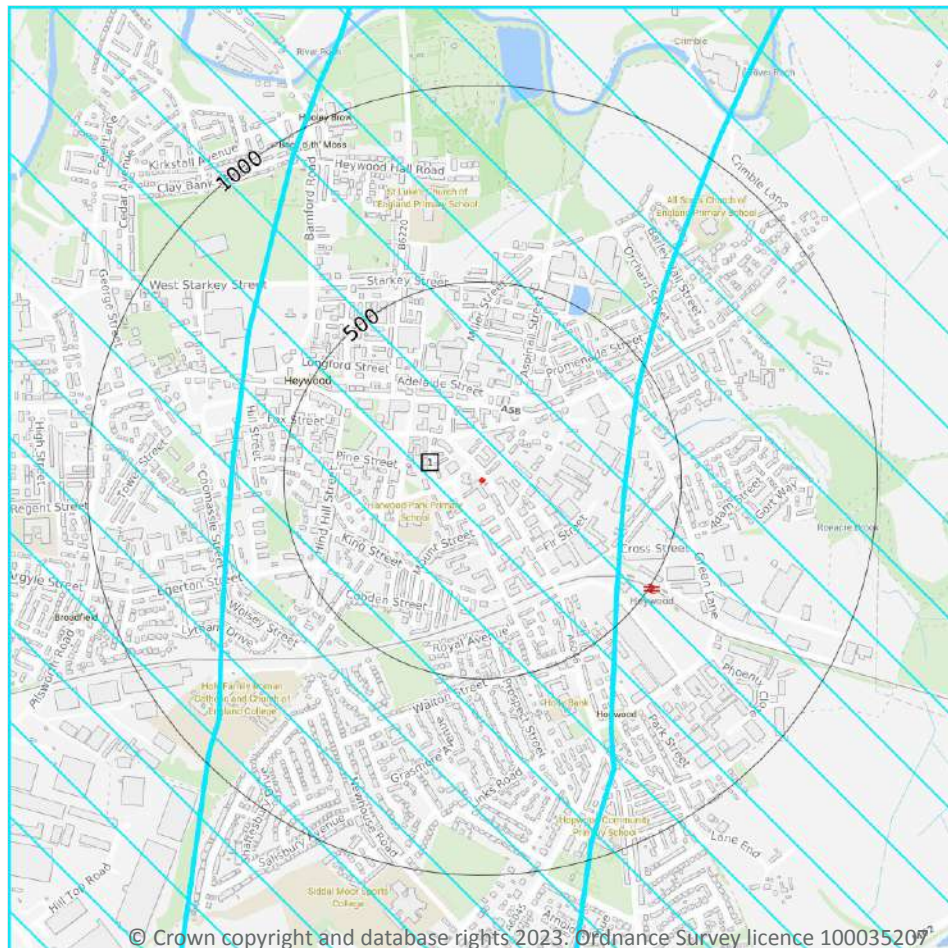
Location	Name	Type	NVZ ID	Status
1439m SE	River Irk (Moston Brook to River Irwell) NVZ	Surface Water	638	Existing



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



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 92**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). 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
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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

11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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



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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

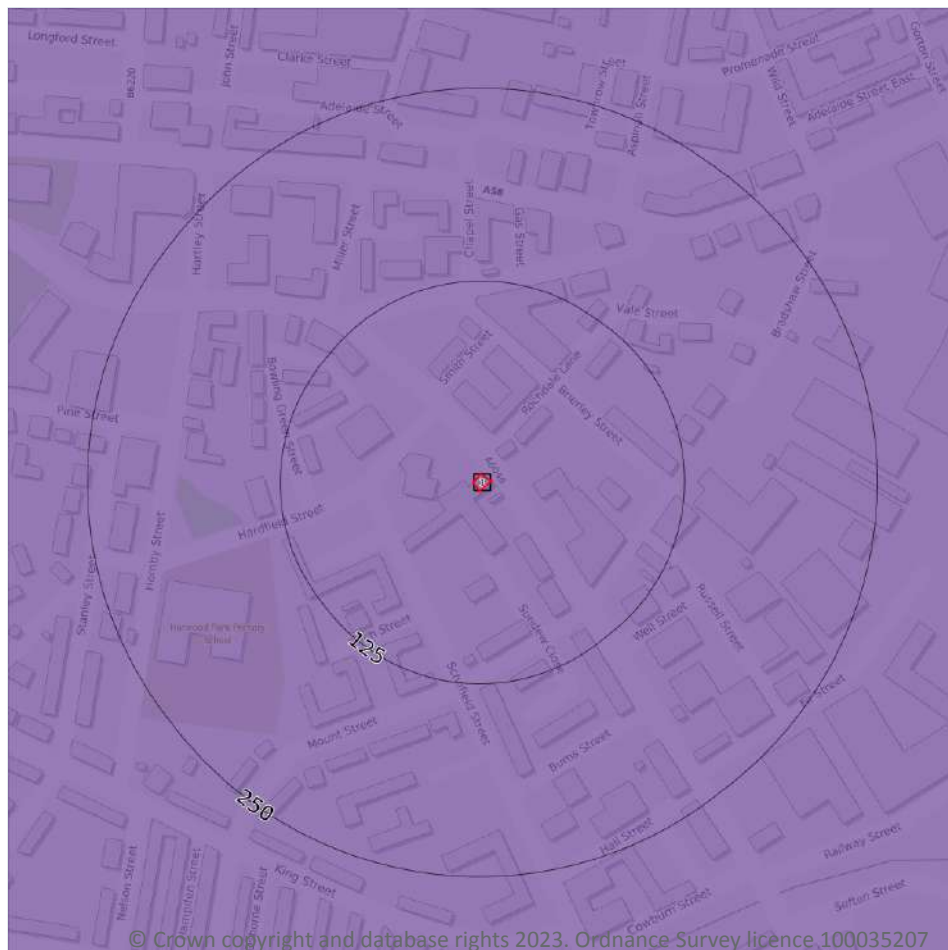
0

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

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



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on **page 96**

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

13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

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

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

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

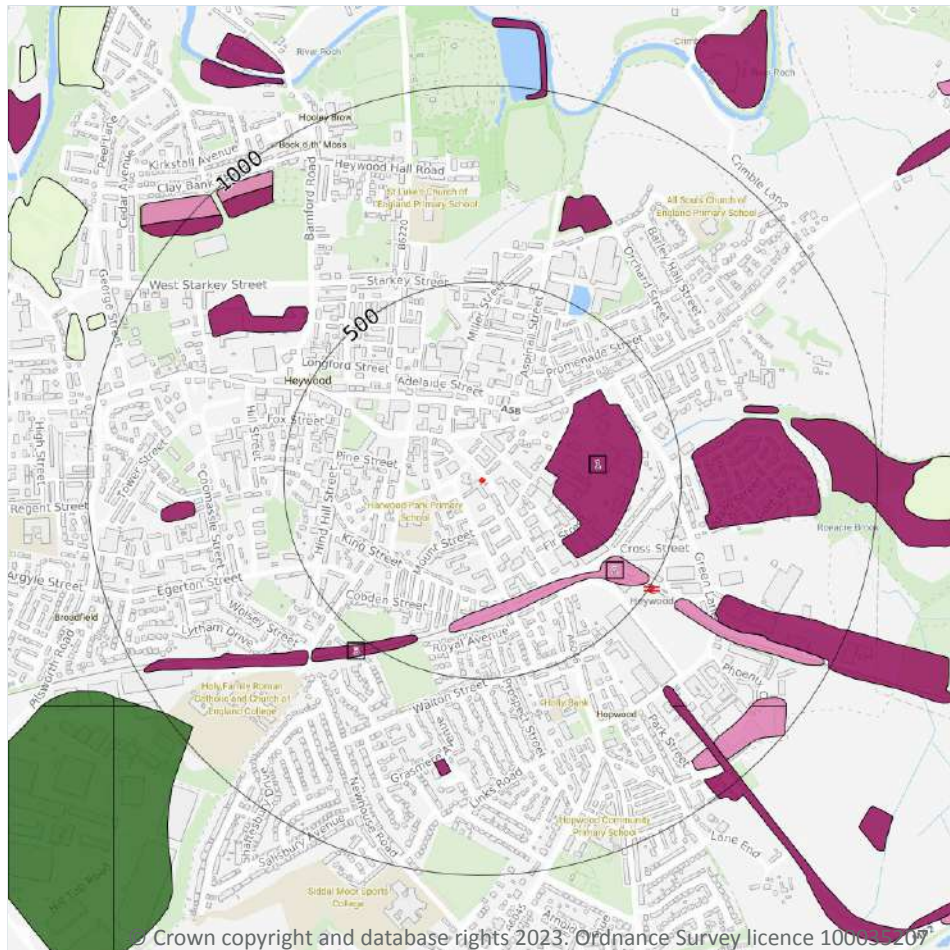
This data is sourced from Natural England.



Full coverage
 Partial coverage
 No coverage

 Contact us with any questions at: info@groundsure.com **Date:** 31 January 2023
 08444 159 000

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



- Site Outline
- Search buffers in metres (m)
- Reclaimed ground
 - Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

3

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

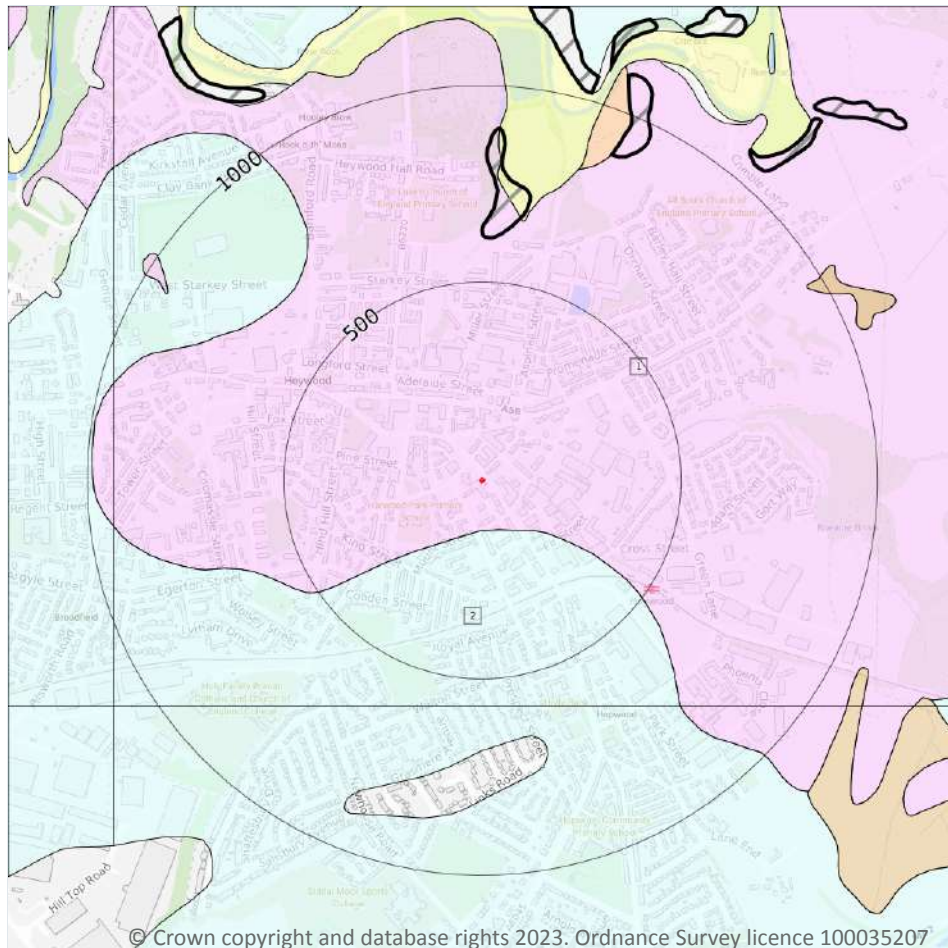
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 100**

ID	Location	LEX Code	Description	Rock description
1	156m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	303m S	WGR-VOID	Worked Ground (Undivided)	Void
3	425m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



— Site Outline
Search buffers in metres (m)

 Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

2

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 101**

ID	Location	LEX Code	Description	Rock description
1	On site	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel
2	123m S	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

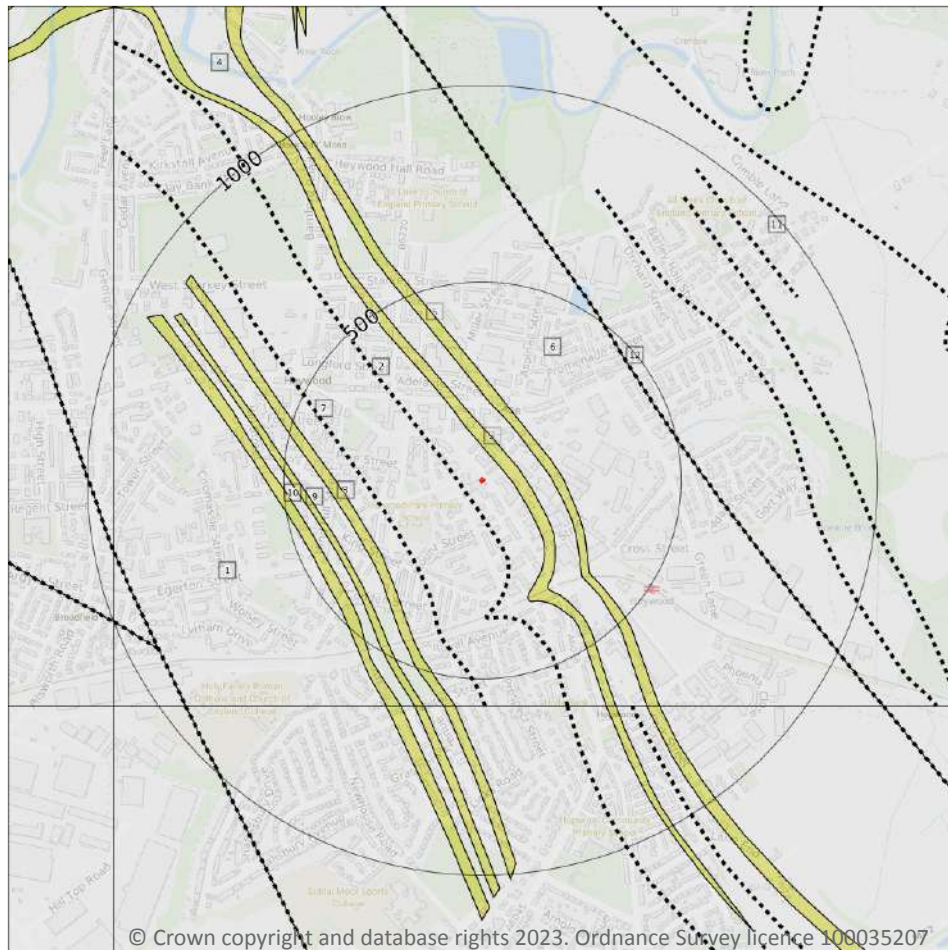
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



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

9

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 103**

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
3	51m NE	RSC-SDST	Riddle Scout Rock - Sandstone	Langsettian Sub-age
4	85m NE	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age



ID	Location	LEX Code	Description	Rock age
5	139m NE	OL-SDST	Old Lawrence Rock - Sandstone	Langsettian Sub-age
6	164m NE	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
8	312m SW	PLCM-SDST	Pennine Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
9	391m SW	PLCM-SDST	Pennine Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
10	438m SW	PLCM-SDST	Pennine Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
11	466m NE	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

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.

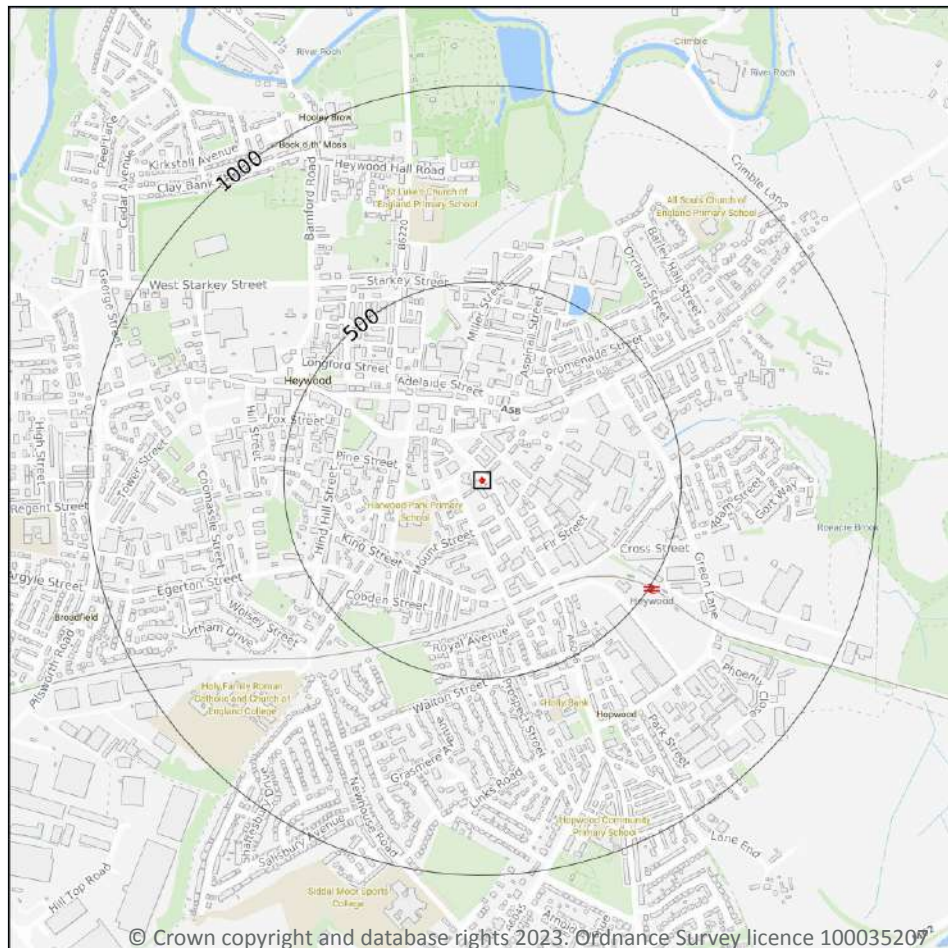
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 103**

ID	Location	Category	Description
2	47m SW	ROCK	Coal seam, inferred
7	248m SW	ROCK	Coal seam, inferred
12	466m NE	FAULT	Normal fault, inferred; crossmarks on downthrow side

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 105**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW085_manchester_v4

This data is sourced from the British Geological Survey.

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

15.2 Artificial and made ground (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

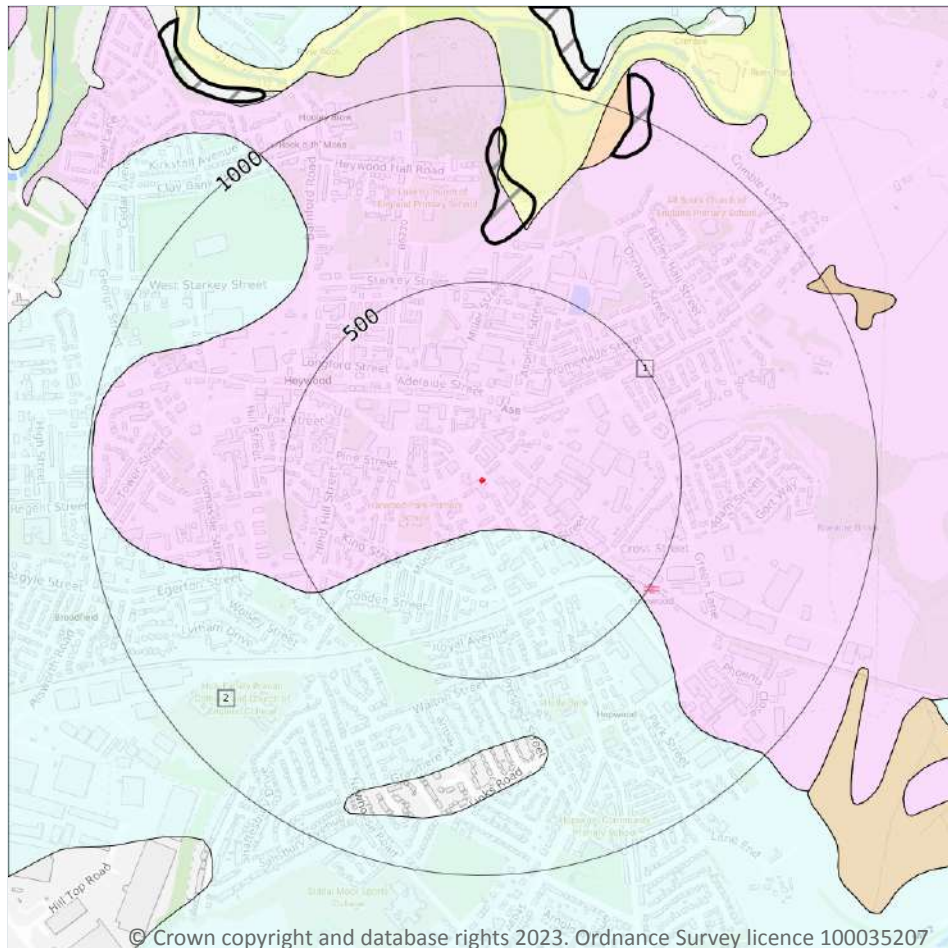
Records within 50m

0

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

2

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 107**

ID	Location	LEX Code	Description	Rock description
1	On site	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
2	123m S	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m**1**

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m**0**

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

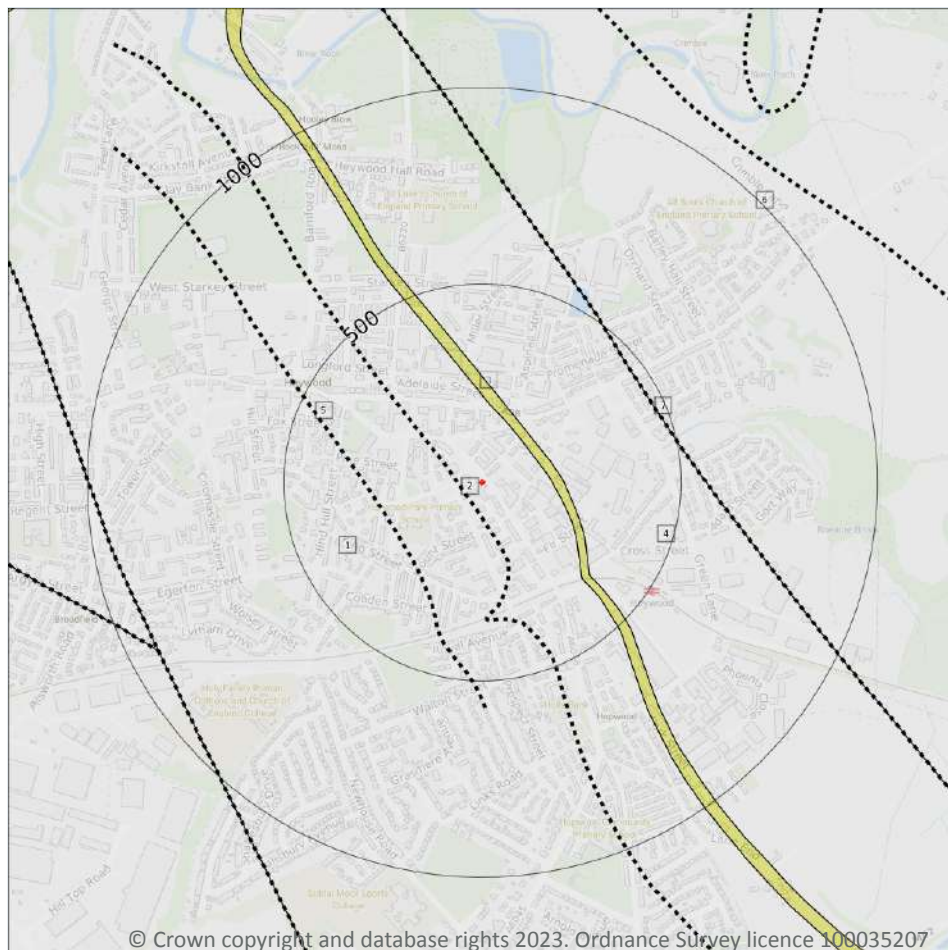
Records within 50m**0**

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

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

15.8 Bedrock geology (50k)

Records within 500m

4

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 109**

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
3	139m NE	OL-SDST	OLD LAWRENCE ROCK - SANDSTONE	WESTPHALIAN
4	164m NE	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN



ID	Location	LEX Code	Description	Rock age
6	466m NE	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

3

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

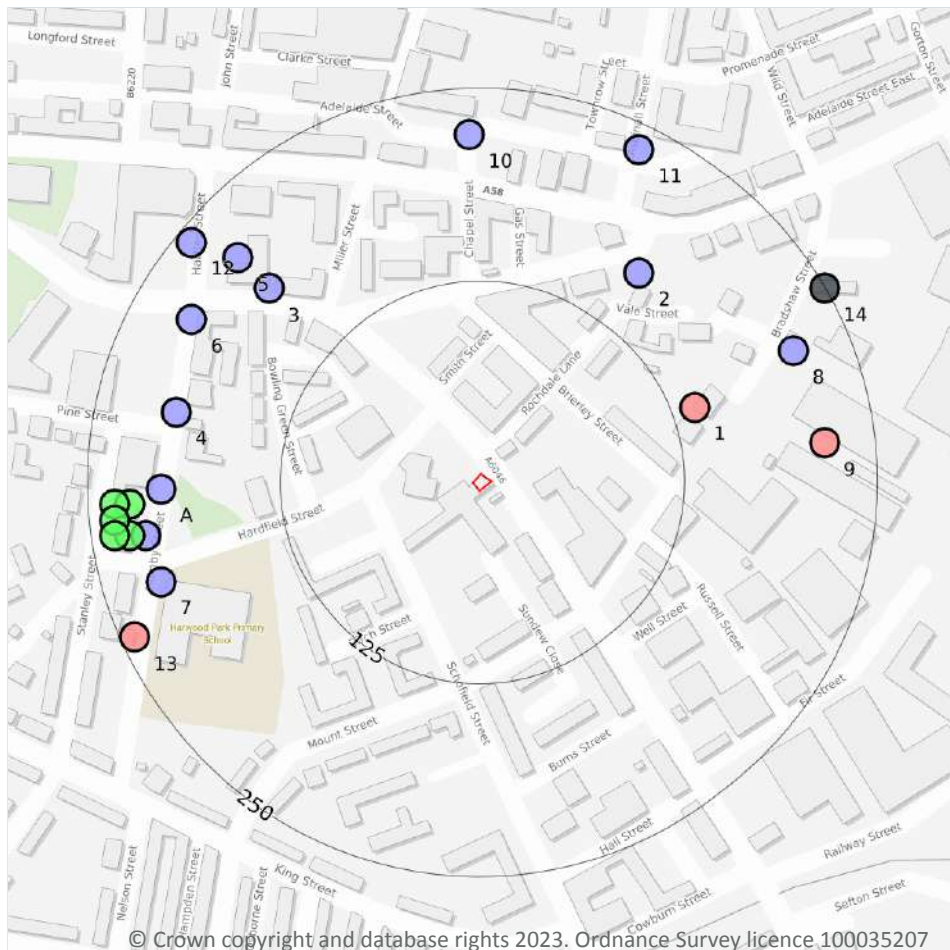
Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 109**

ID	Location	Category	Description
2	47m SW	ROCK	Coal seam, inferred
5	248m SW	ROCK	Coal seam, inferred
7	466m NE	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



16.1 BGS Boreholes

Records within 250m

21

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 111**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	140m E	386076 410623	ROSEACRE TANNERY	91.44	N	29748
2	165m NE	386040 410710	HEYWOOD EAST SEWER 9	6.0	N	30018
3	182m NW	385800 410700	CHURCH STREET, TH.2	2.44	N	29774

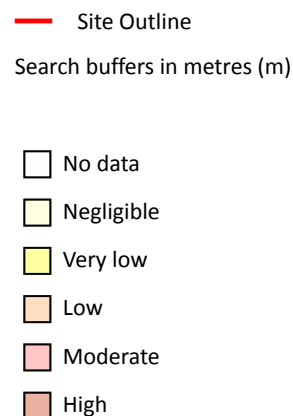
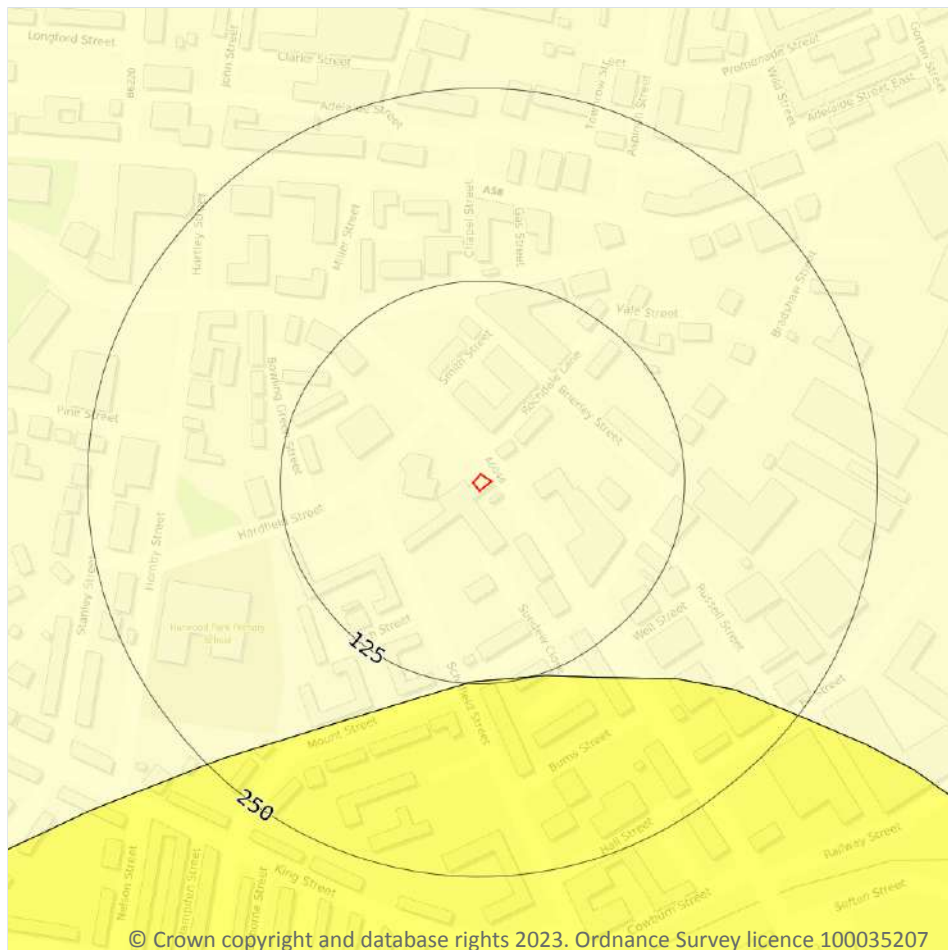


ID	Location	Grid reference	Name	Length	Confidential	Web link
4	198m W	385740 410620	HOPWOOD SEWER HEYWOOD 4	6.0	N	30035
A	202m W	385730 410570	HOPWOOD SEWER HEYWOOD 5	6.0	N	30036
5	211m NW	385780 410720	CHURCH STREET, TH.1	4.88	N	29773
6	211m NW	385750 410680	HOPWOOD SEWER HEYWOOD 3	6.5	N	30034
7	212m W	385730 410510	HOPWOOD SEWER HEYWOOD 6	6.0	N	30037
8	213m NE	386140 410660	HEYWOOD EAST SEWER 10	4.8	N	30019
A	215m W	385720 410540	HORNBY STREET HAYWOOD BHB	9.0	N	30310
9	217m E	386160 410600	SILVESTER LITTON	63.4	N	29730
10	220m N	385930 410800	HEYWOOD EAST SEWER 7	7.5	N	30016
A	223m W	385710 410560	HORNBY STREET HAYWOOD BH3	30.0	N	30314
A	225m W	385710 410540	HORNBY STREET HAYWOOD BH1	30.0	N	30312
A	233m W	385700 410560	HORNBY STREET HAYWOOD BHC	15.0	N	30311
A	234m W	385700 410550	HORNBY STREET HAYWOOD BH2	30.0	N	30313
11	234m NE	386040 410790	HEYWOOD EAST SEWER 8	6.5	N	30017
A	235m W	385700 410540	HORNBY STREET HAYWOOD BHA	13.2	N	30309
12	240m NW	385750 410730	HOPWOOD SEWER HEYWOOD 2	6.0	N	30033
13	241m SW	385713 410474	HEALEY BROS STANLEY MILL	45.29	N	29727
14	249m NE	386160 410700	ROEACRE MILL HAYWOOD TP2	-	Y	N/A

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

1

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

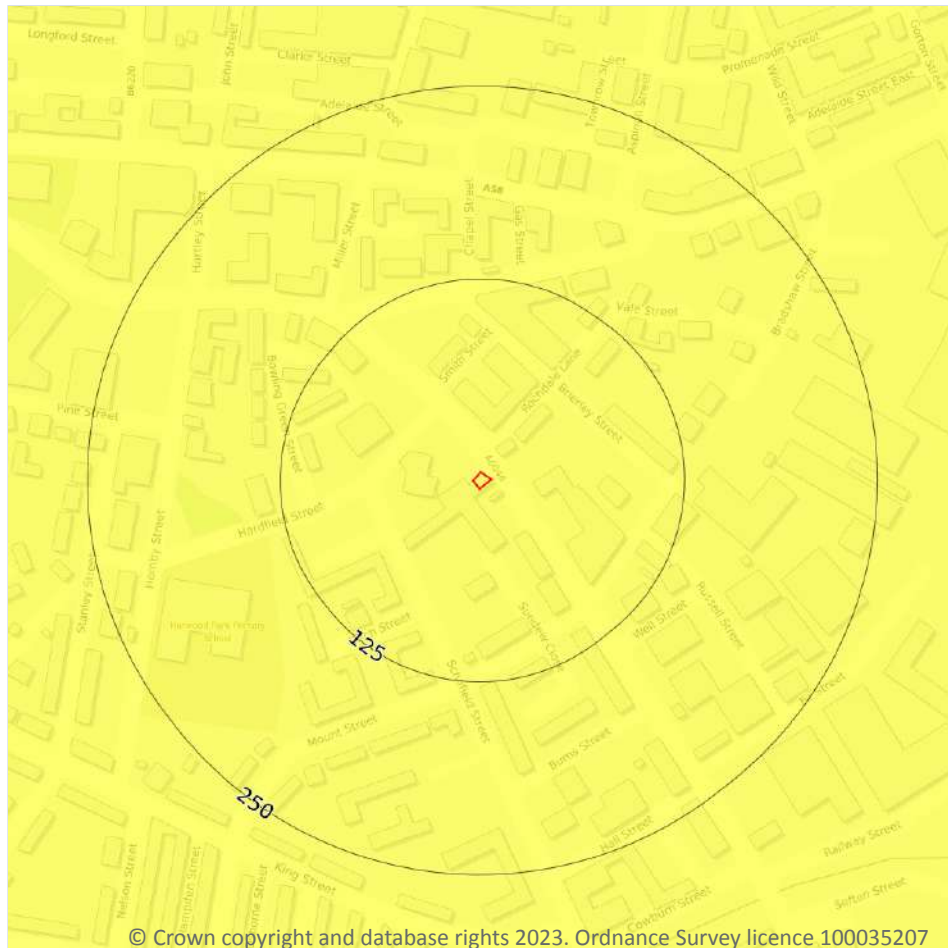
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 113**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

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

17.2 Running sands

Records within 50m

1

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

Features are displayed on the Natural ground subsidence - Running sands map on **page 114**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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

17.3 Compressible deposits

Records within 50m

1

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

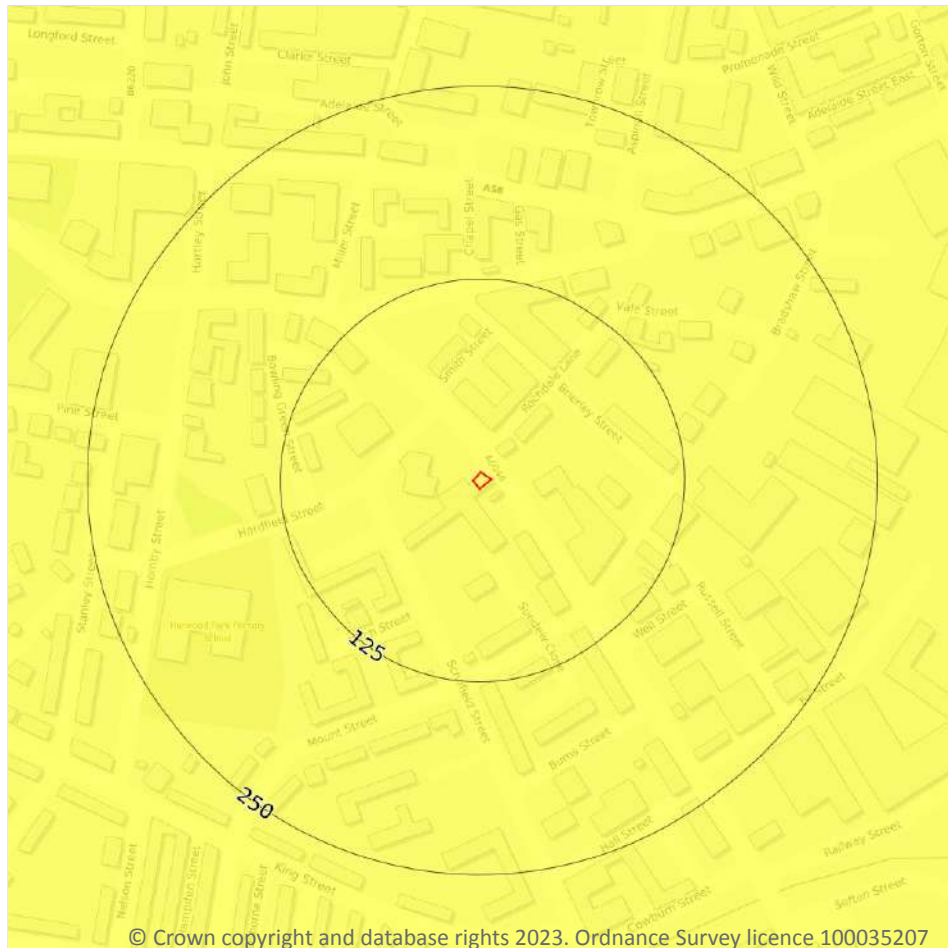
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 115**

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

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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.

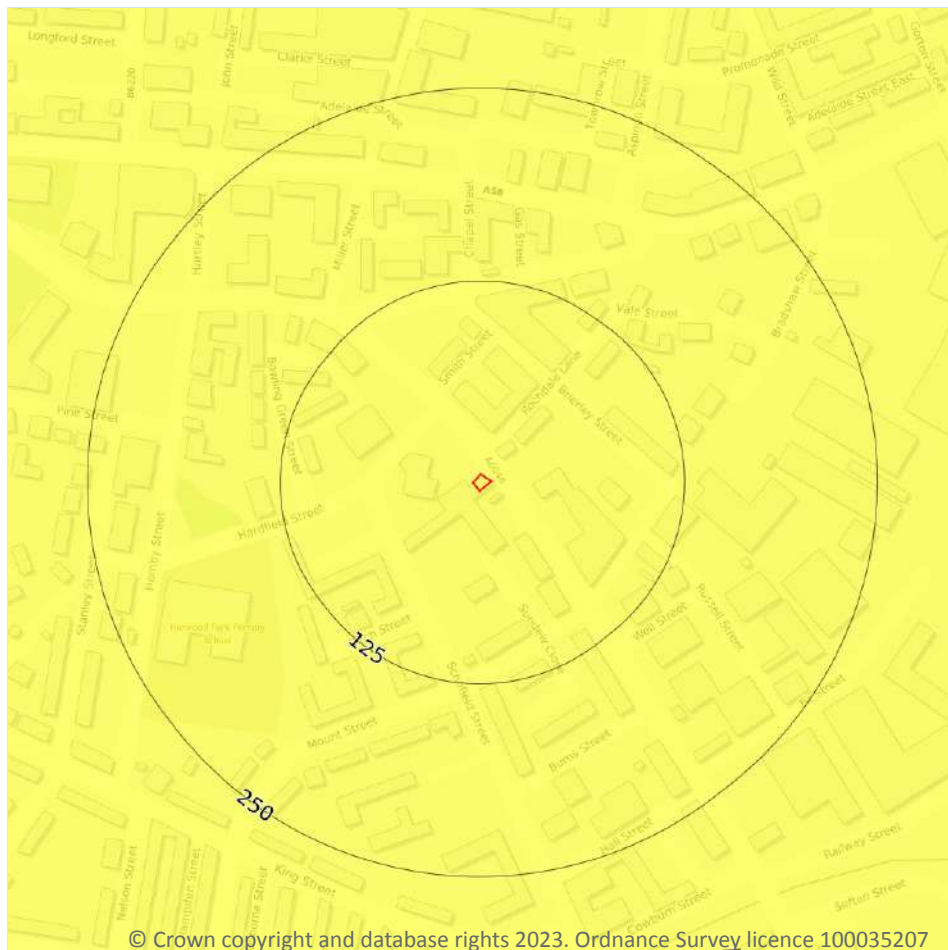
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 116**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

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

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17.5 Landslides

Records within 50m

1

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

Features are displayed on the Natural ground subsidence - Landslides map on **page 117**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



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

17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 118**

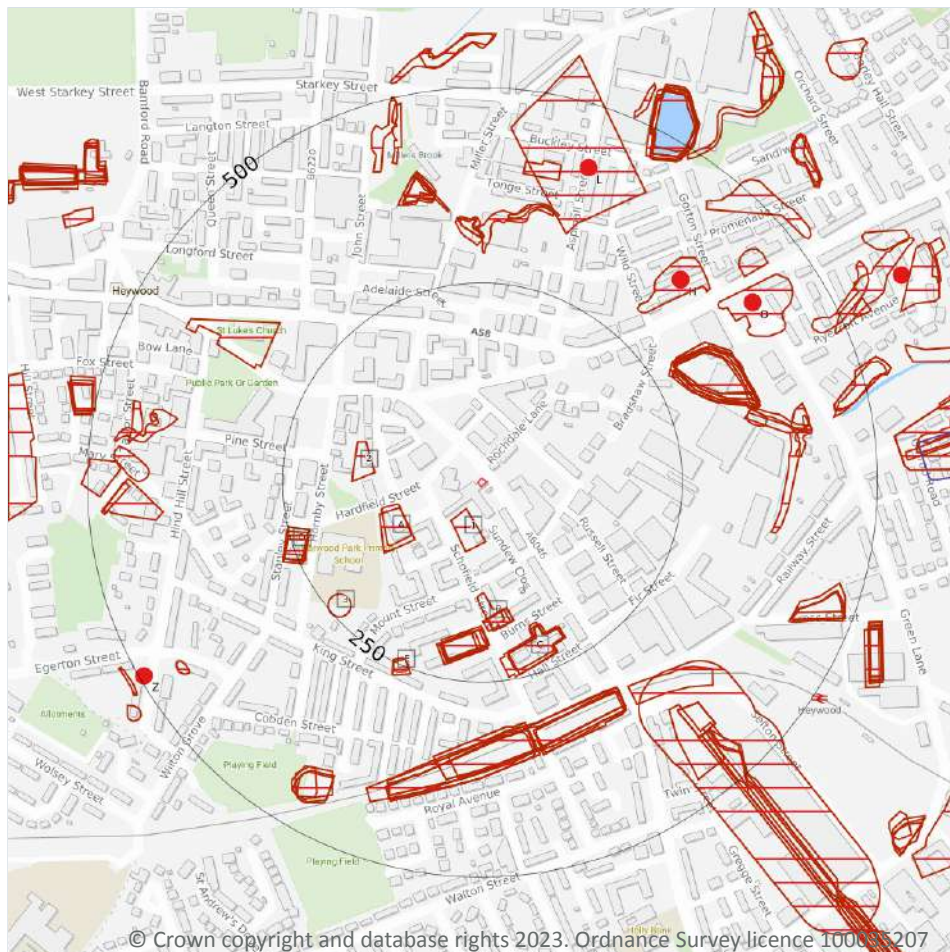
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



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 120**

ID	Location	Details	Description
H	358m NE	Name: Captain Fold Sand Pit Address: HEYWOOD, Lancashire Commodity: Sand 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
O	410m NE	Name: Captain Fold Sand Pit Address: HEYWOOD, Lancashire Commodity: Sand 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	419m N	Name: Heywood Brick Field Address: HEYWOOD, Lancashire Commodity: Clay & Shale 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
Z	493m SW	Name: Pot Hall Sand Pit Address: HEYWOOD, Lancashire Commodity: Sand 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

26

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 120**

ID	Location	Land Use	Year of mapping	Mapping scale
1	34m SW	Ponds	1890	1:10560
A	104m SW	Reservoirs	1890	1:10560
A	104m W	Ponds	1851	1:10560
2	133m W	Ponds	1890	1:10560
B	137m S	Pond	1851	1:10560
B	159m S	Pond	1928	1:10560
B	159m S	Pond	1909	1:10560
B	159m S	Pond	1890	1:10560
B	179m S	Reservoirs	1938	1:10560
B	183m S	Reservoirs	1928	1:10560
B	183m S	Ponds	1890	1:10560
B	186m S	Ponds	1851	1:10560
B	187m S	Ponds	1909	1:10560
C	187m S	Ponds	1851	1:10560
C	191m S	Ponds	1890	1:10560
C	191m S	Ponds	1928	1:10560
C	191m S	Ponds	1909	1:10560
3	222m SW	Reservoirs	1890	1:10560
D	224m W	Pond	1968	1:10560
D	227m W	Ponds	1949	1:10560
D	227m W	Ponds	1938	1:10560
D	227m W	Ponds	1890	1:10560
D	230m W	Ponds	1928	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
D	230m W	Reservoirs	1909	1:10560
E	239m SW	Unspecified Pit	1938	1:10560
E	241m SW	Reservoir	1909	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

6

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 120**

ID	Location	Land Use	Year of mapping	Mapping scale
-	757m E	Unspecified Old Shaft	1949	1:10560
-	880m E	Unspecified Old Shaft	1890	1:10560
-	883m E	Old Coal Shaft	1909	1:10560
-	883m E	Unspecified Old Shaft	1928	1:10560
-	884m E	Unspecified Old Shaft	1938	1:10560
-	884m E	Unspecified Old Shaft	1949	1:10560

This 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

0

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

This data is sourced from the British Geological Survey.

18.7 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
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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
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

This data is sourced from Groundsure.

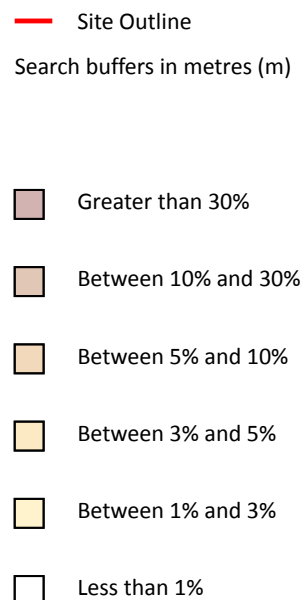
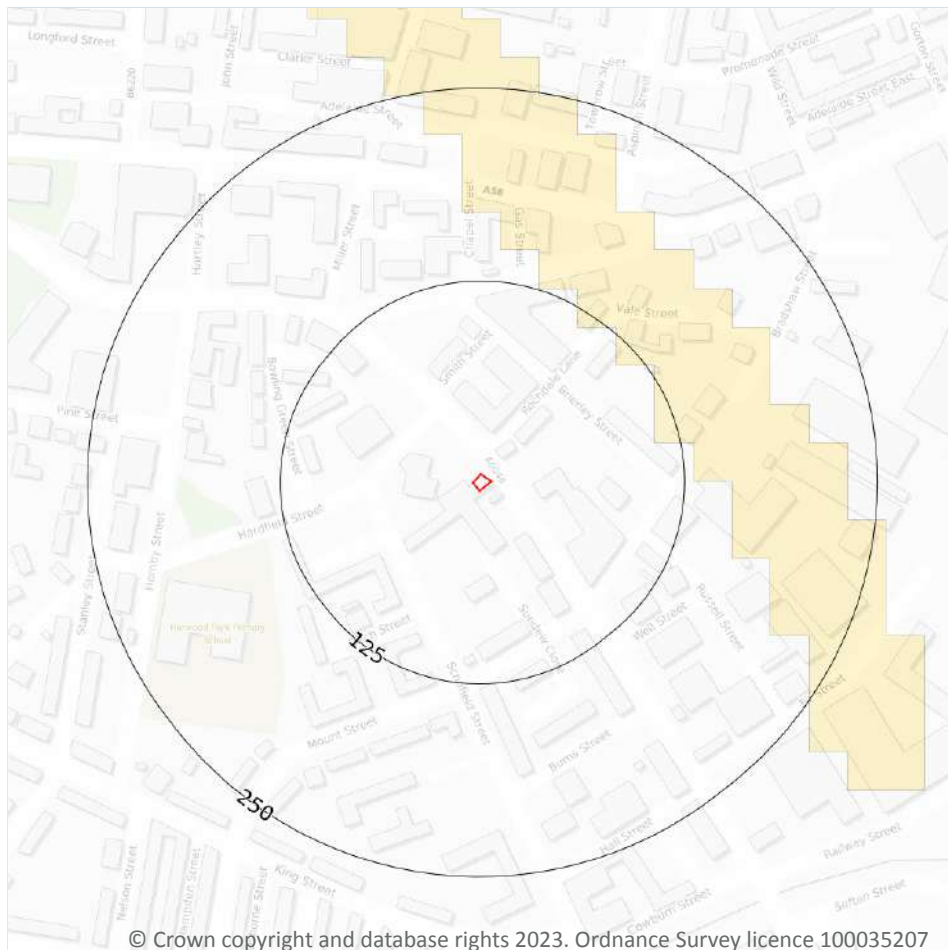
18.13 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

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

19 Radon



19.1 Radon

Records on site

1

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

Features are displayed on the Radon map on **page 126**

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**1**

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 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 km²).

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

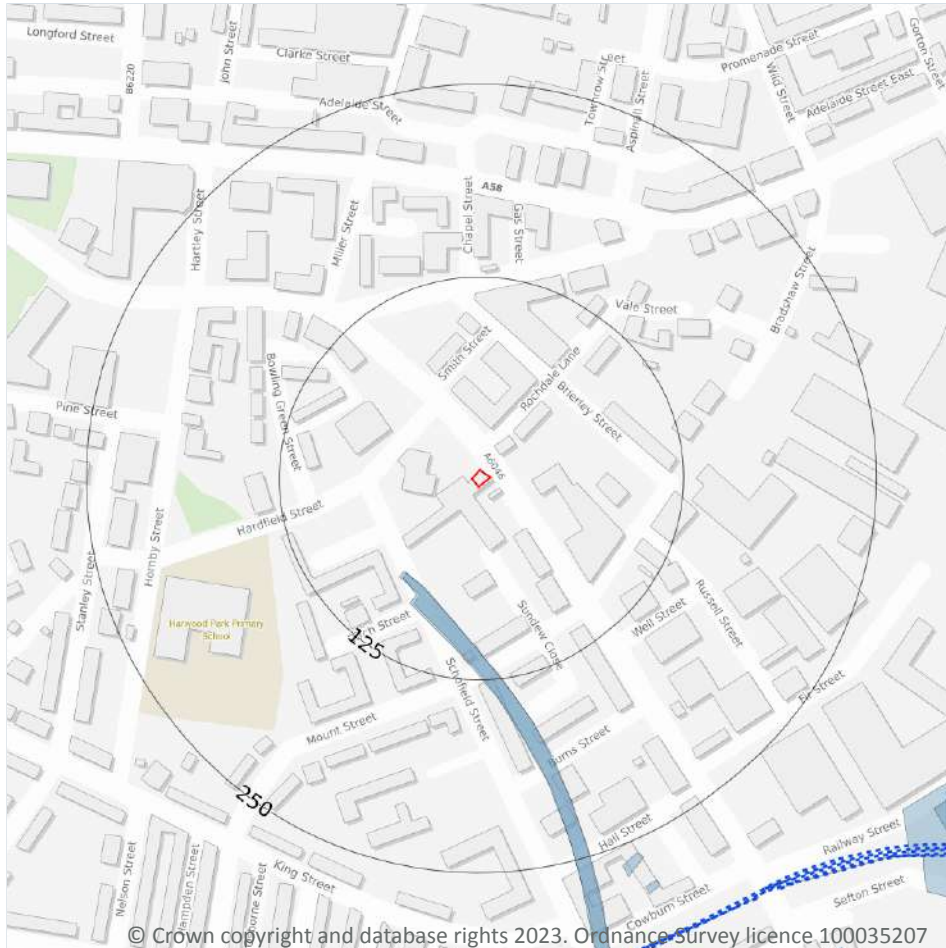
Records within 50m**0**

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 km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- C2 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

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

2

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

Features are displayed on the Railway infrastructure and projects map on **page 129**

Location	Land Use	Year of mapping	Mapping scale
73m SW	Railway Sidings	1910	2500
73m SW	Railway Sidings	1930	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**0**

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

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>.

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