

48, DERBY STREET, MANCHESTER, M8 8HN

Order Details

Date: 01/03/2023

Your ref: Farooq

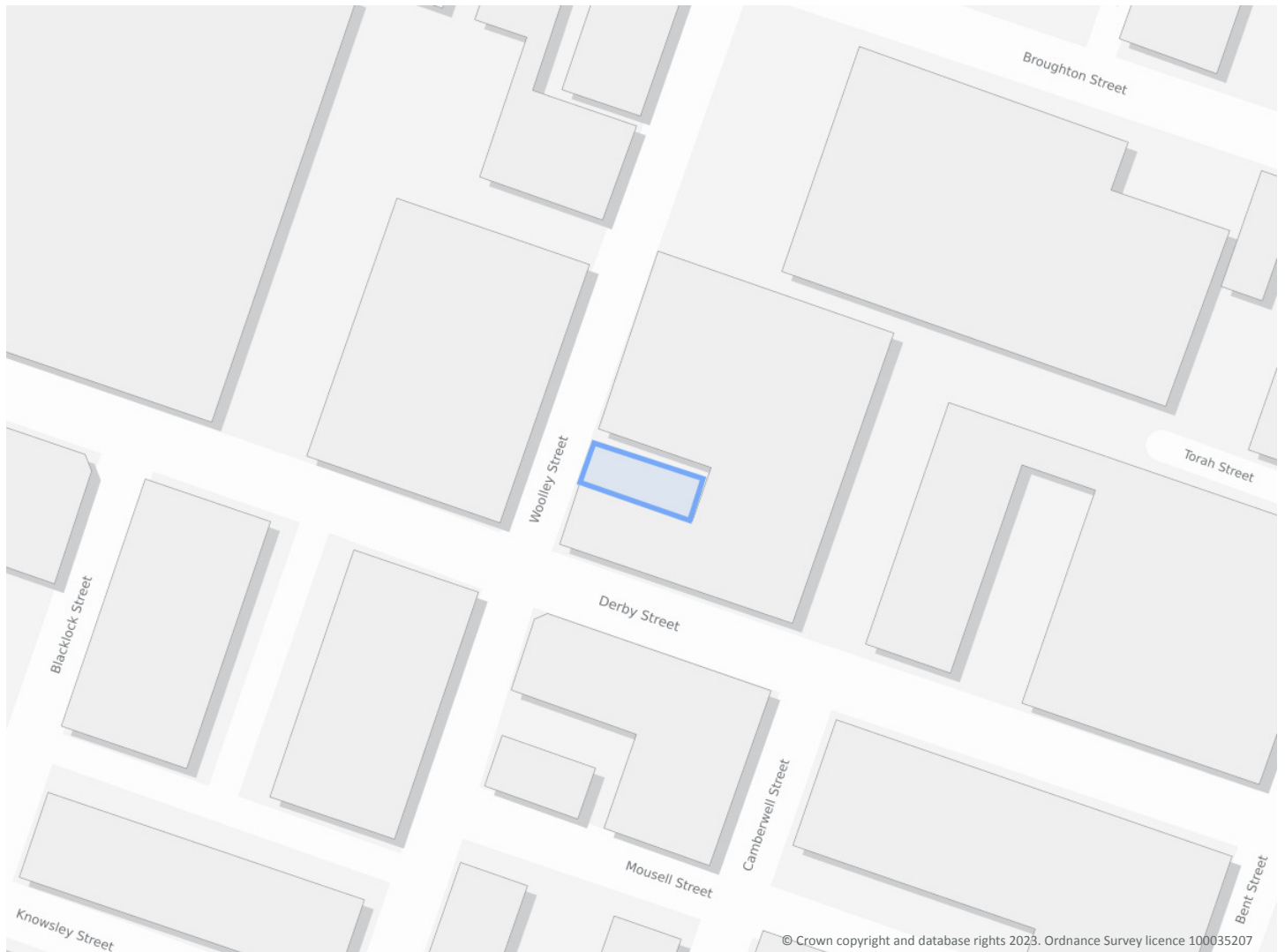
Our Ref: GS-9390957

Site Details

Location: 384033 399851

Area: 0.02 ha

Authority: [Manchester City Council](#)



Summary of findings

p. 2 **Aerial image**

p. 8

OS MasterMap site plan

p.12 groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

01273 257 755

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	<u>Historical industrial land uses</u>	1	7	41	89	-
19	1.2	<u>Historical tanks</u>	0	2	7	19	-
20	1.3	<u>Historical energy features</u>	0	2	9	11	-
21	1.4	Historical petrol stations	0	0	0	0	-
21	1.5	<u>Historical garages</u>	0	0	4	29	-
23	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
24	2.1	<u>Historical industrial land uses</u>	1	8	59	125	-
31	2.2	<u>Historical tanks</u>	0	4	10	36	-
34	2.3	<u>Historical energy features</u>	0	4	22	35	-
36	2.4	Historical petrol stations	0	0	0	0	-
36	2.5	<u>Historical garages</u>	0	0	8	39	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
39	3.1	Active or recent landfill	0	0	0	0	-
39	3.2	Historical landfill (BGS records)	0	0	0	0	-
40	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
40	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	1	1	-
40	3.5	<u>Historical waste sites</u>	0	0	2	7	-
42	3.6	<u>Licensed waste sites</u>	0	0	0	2	-
42	3.7	<u>Waste exemptions</u>	0	0	0	20	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
45	4.1	<u>Recent industrial land uses</u>	0	2	54	-	-
49	4.2	<u>Current or recent petrol stations</u>	0	0	0	5	-
50	4.3	Electricity cables	0	0	0	0	-
50	4.4	Gas pipelines	0	0	0	0	-
50	4.5	Sites determined as Contaminated Land	0	0	0	0	-



50	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
50	4.7	Regulated explosive sites	0	0	0	0	-
51	4.8	Hazardous substance storage/usage	0	0	0	0	-
51	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
51	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
51	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	2	-
52	4.12	Radioactive Substance Authorisations	0	0	0	0	-
52	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	2	-
52	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
53	4.15	Pollutant release to public sewer	0	0	0	0	-
53	4.16	List 1 Dangerous Substances	0	0	0	0	-
53	4.17	List 2 Dangerous Substances	0	0	0	0	-
53	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	5	4	-
54	4.19	Pollution inventory substances	0	0	0	0	-
55	4.20	Pollution inventory waste transfers	0	0	0	0	-
55	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
56	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
58	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
60	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
61	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
61	5.5	Groundwater vulnerability- local information	None (within 0m)				
62	5.6	<u>Groundwater abstractions</u>	0	0	6	0	27
71	5.7	Surface water abstractions	0	0	0	0	0
71	5.8	<u>Potable abstractions</u>	0	0	1	0	9
74	5.9	Source Protection Zones	0	0	0	0	-
74	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
75	6.1	Water Network (OS MasterMap)	0	0	0	-	-



75	6.2	Surface water features	0	0	0	-	-
76	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
76	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
76	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
78	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
78	7.2	Historical Flood Events	0	0	0	-	-
78	7.3	Flood Defences	0	0	0	-	-
79	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
79	7.5	Flood Storage Areas	0	0	0	-	-
80	7.6	Flood Zone 2	None (within 50m)				
80	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
81	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
83	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
84	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
85	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
85	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
85	10.4	Special Protection Areas (SPA)	0	0	0	0	0
85	10.5	National Nature Reserves (NNR)	0	0	0	0	0
86	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	1
86	10.7	Designated Ancient Woodland	0	0	0	0	0
86	10.8	Biosphere Reserves	0	0	0	0	0
86	10.9	Forest Parks	0	0	0	0	0
87	10.10	Marine Conservation Zones	0	0	0	0	0
87	10.11	Green Belt	0	0	0	0	0
87	10.12	Proposed Ramsar sites	0	0	0	0	0



87	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
87	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
88	10.15	Nitrate Sensitive Areas	0	0	0	0	0
88	10.16	<u>Nitrate Vulnerable Zones</u>	1	1	2	0	1
89	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
90	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
91	11.1	World Heritage Sites	0	0	0	-	-
92	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
92	11.3	National Parks	0	0	0	-	-
92	11.4	<u>Listed Buildings</u>	0	0	3	-	-
93	11.5	Conservation Areas	0	0	0	-	-
93	11.6	Scheduled Ancient Monuments	0	0	0	-	-
93	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
94	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
95	12.2	Open Access Land	0	0	0	-	-
95	12.3	Tree Felling Licences	0	0	0	-	-
95	12.4	Environmental Stewardship Schemes	0	0	0	-	-
95	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
96	13.1	Priority Habitat Inventory	0	0	0	-	-
96	13.2	Habitat Networks	0	0	0	-	-
97	13.3	<u>Open Mosaic Habitat</u>	0	0	1	-	-
97	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
98	14.1	<u>10k Availability</u>	Identified (within 500m)				
99	14.2	<u>Artificial and made ground (10k)</u>	0	0	3	5	-
101	14.3	<u>Superficial geology (10k)</u>	1	0	1	1	-

102	14.4	Landslip (10k)	0	0	0	0	-
103	14.5	<u>Bedrock geology (10k)</u>	1	0	1	3	-
104	14.6	<u>Bedrock faults and other linear features (10k)</u>	0	0	1	2	-
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	<u>Artificial and made ground (50k)</u>	0	0	2	2	-
107	15.3	Artificial ground permeability (50k)	0	0	-	-	-
108	15.4	<u>Superficial geology (50k)</u>	1	0	0	1	-
109	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
109	15.6	Landslip (50k)	0	0	0	0	-
109	15.7	Landslip permeability (50k)	None (within 50m)				
110	15.8	<u>Bedrock geology (50k)</u>	1	0	0	2	-
111	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
111	15.10	<u>Bedrock faults and other linear features (50k)</u>	0	0	1	2	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
112	16.1	<u>BGS Boreholes</u>	0	1	20	-	-
Page	Section	Natural ground subsidence					
114	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
115	17.2	<u>Running sands</u>	Very low (within 50m)				
116	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
117	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
118	17.5	<u>Landslides</u>	Very low (within 50m)				
119	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
121	18.1	Natural cavities	0	0	0	0	-
122	18.2	<u>BritPits</u>	0	0	0	4	-
123	18.3	<u>Surface ground workings</u>	0	2	36	-	-
124	18.4	Underground workings	0	0	0	0	0
124	18.5	<u>Historical Mineral Planning Areas</u>	0	0	1	1	-



125	18.6	Non-coal mining	0	0	0	0	0
125	18.7	Mining cavities	0	0	0	0	0
<u>125</u>	<u>18.8</u>	<u>JPB mining areas</u>	Identified (within 0m)				
<u>126</u>	<u>18.9</u>	<u>Coal mining</u>	Identified (within 0m)				
126	18.10	Brine areas	None (within 0m)				
126	18.11	Gypsum areas	None (within 0m)				
126	18.12	Tin mining	None (within 0m)				
126	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>127</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>129</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	2	-	-	-
<u>129</u>	<u>20.2</u>	<u>BGS Estimated Urban Soil Chemistry</u>	1	4	-	-	-
130	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
131	21.1	Underground railways (London)	0	0	0	-	-
131	21.2	Underground railways (Non-London)	0	0	0	-	-
132	21.3	Railway tunnels	0	0	0	-	-
<u>132</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	0	0	38	-	-
133	21.5	Royal Mail tunnels	0	0	0	-	-
134	21.6	Historical railways	0	0	0	-	-
134	21.7	Railways	0	0	0	-	-
134	21.8	Crossrail 1	0	0	0	0	-
134	21.9	Crossrail 2	0	0	0	0	-
134	21.10	HS2	0	0	0	0	-

Recent aerial photograph

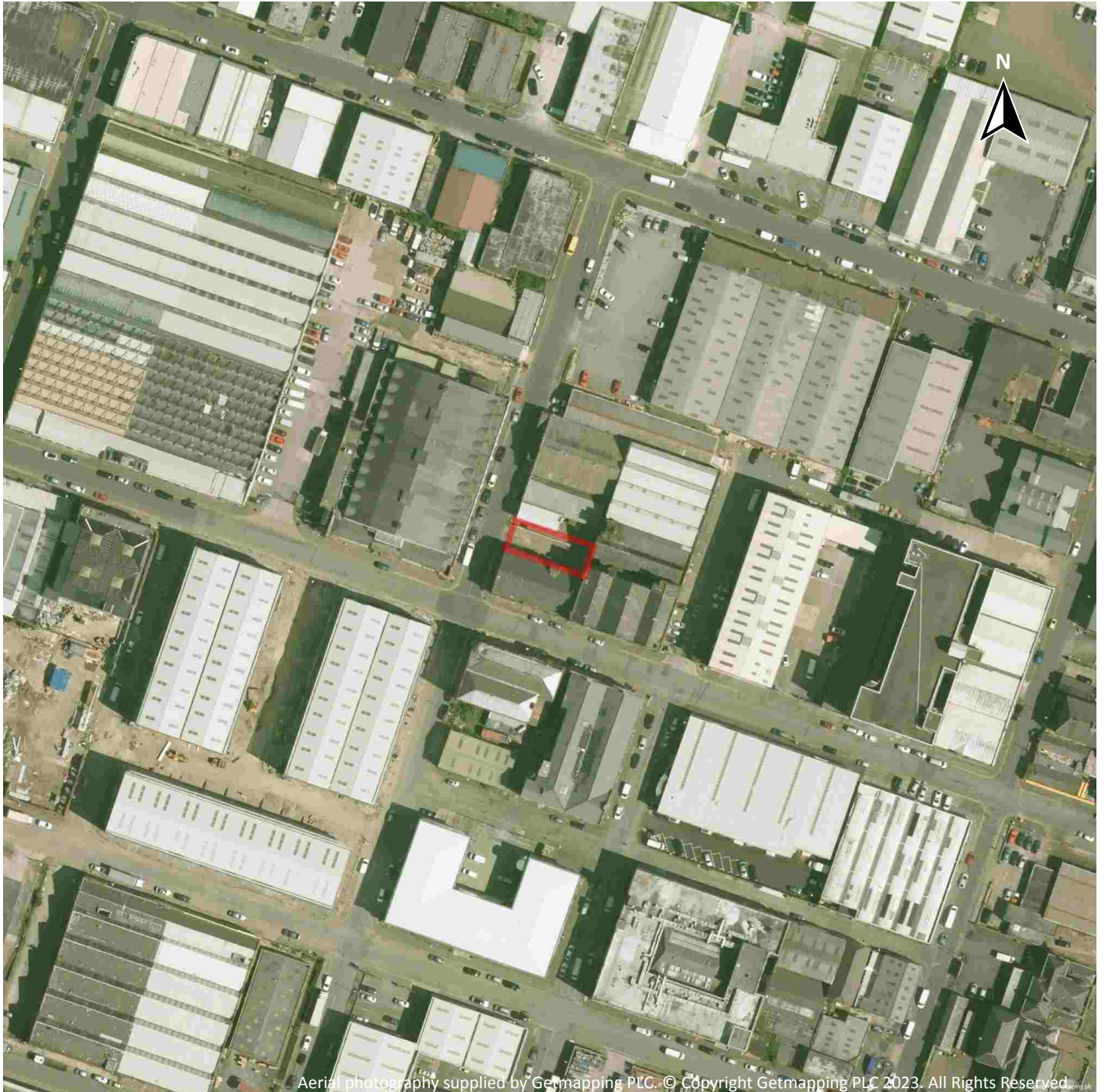


Capture Date: 22/04/2019

Site Area: 0.02ha



Recent site history - 2015 aerial photograph



Capture Date: 11/06/2015

Site Area: 0.02ha



Recent site history - 2009 aerial photograph

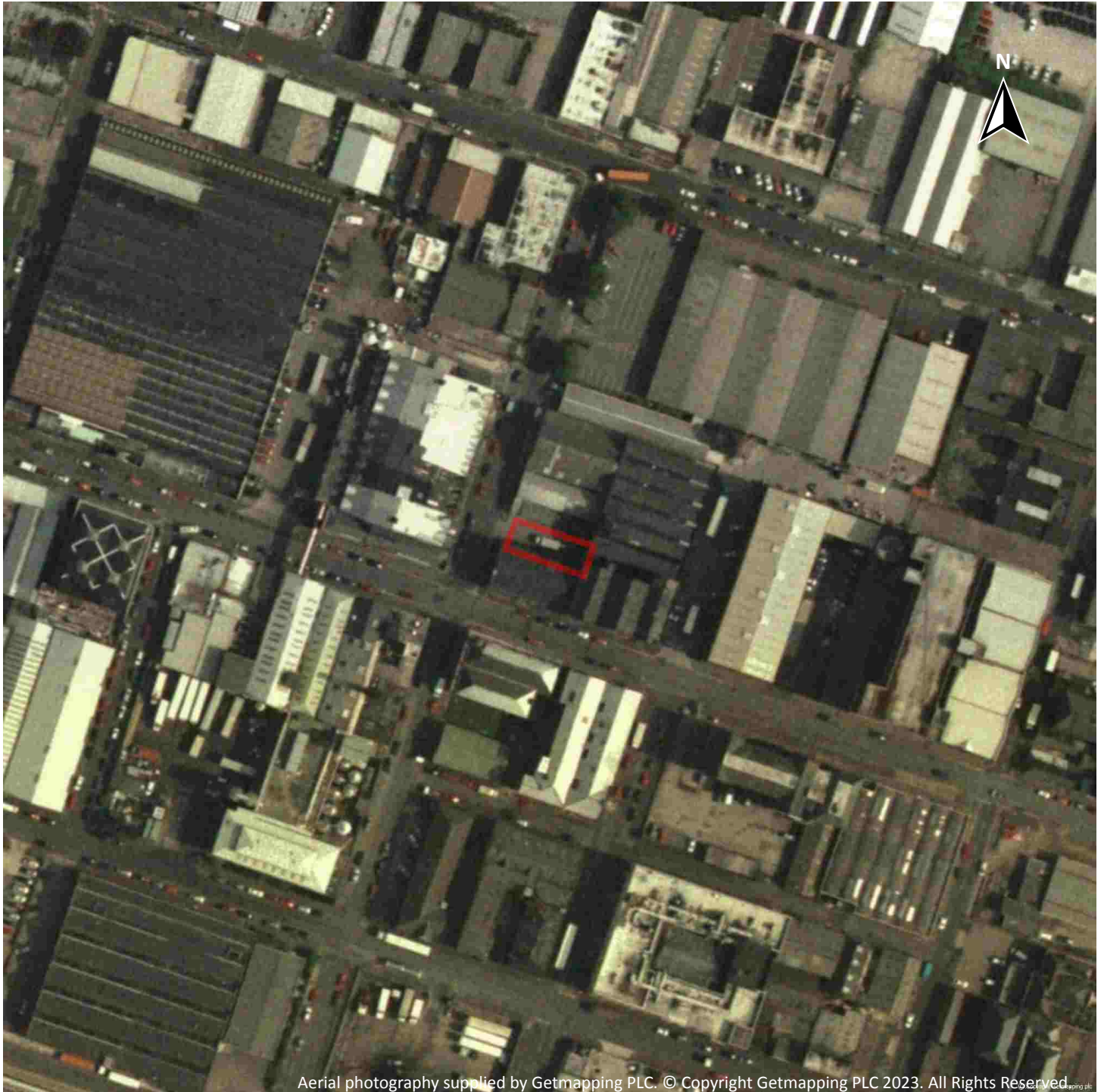


Capture Date: 02/06/2009

Site Area: 0.02ha



Recent site history - 2000 aerial photograph

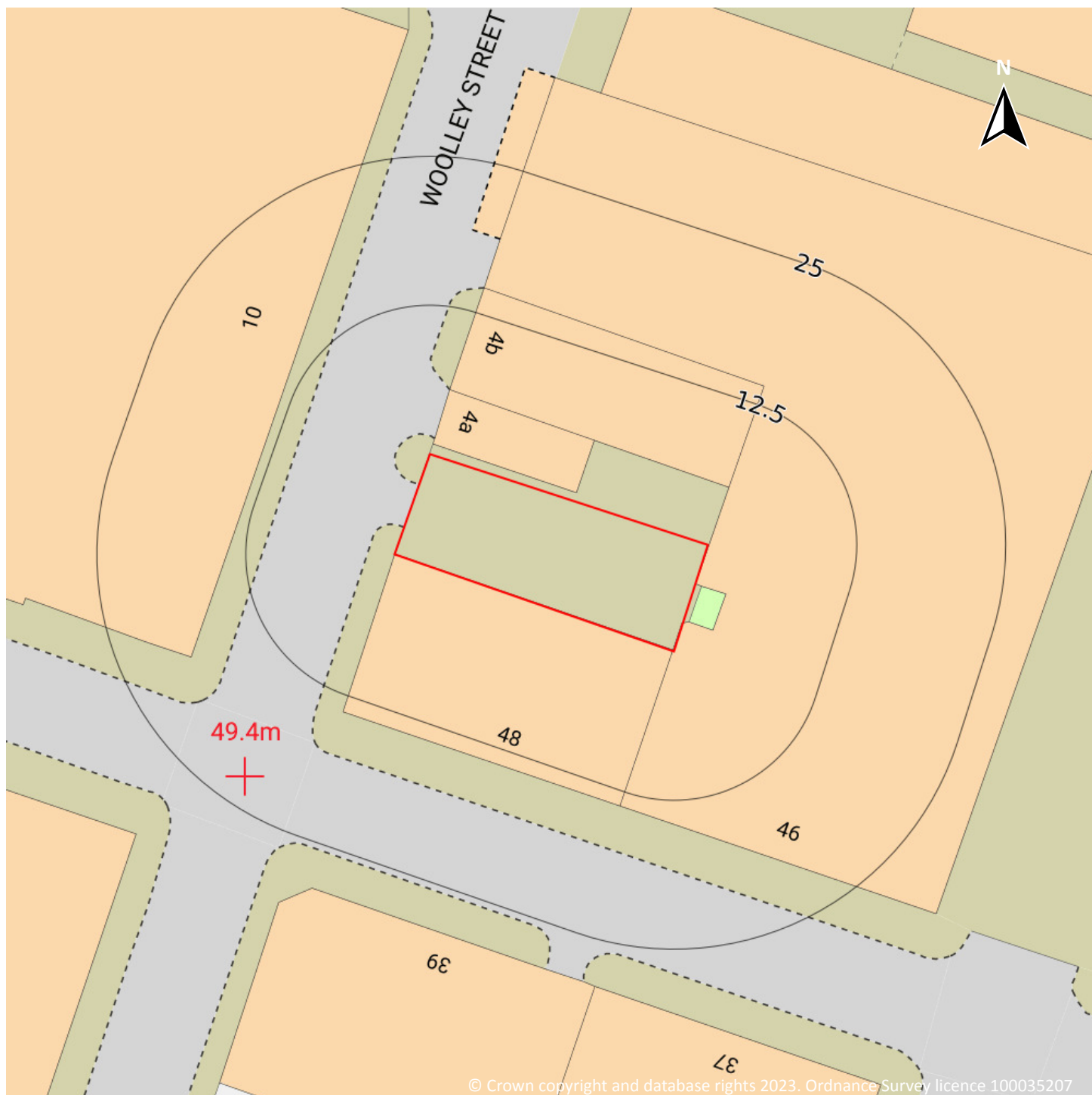


Capture Date: 19/06/2000

Site Area: 0.02ha



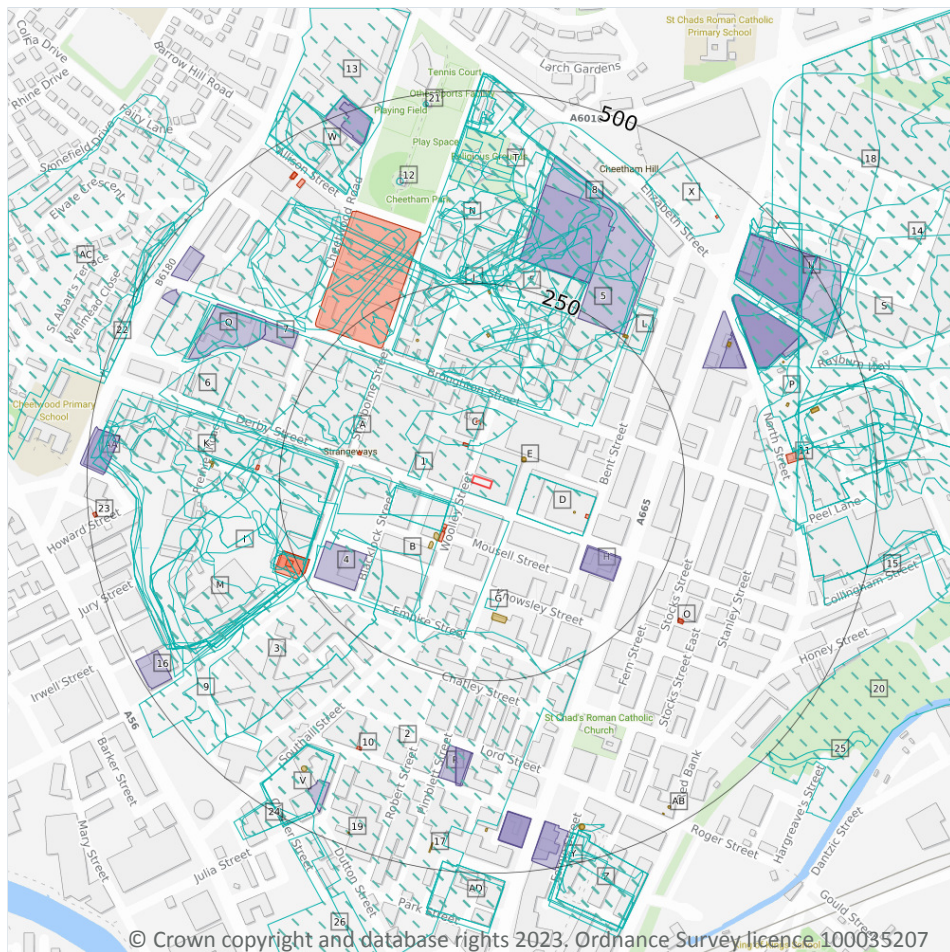
OS MasterMap site plan



Site Area: 0.02ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

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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
A	On site	Unspecified Commercial/Industrial	1931 - 1938	2367040



ID	Location	Land use	Dates present	Group ID
B	33m S	Art Metal Works	1894	809854
B	39m SW	Unspecified Pit	1894	840489
C	39m N	Unspecified Ground Workings	1894	800621
B	40m SW	Ice Works	1906	808539
B	40m SW	Unspecified Commercial/Industrial	1923	982911
D	44m SE	Unspecified Commercial/Industrial	1923	796750
D	44m SE	Sawmills	1894	813169
1	64m W	Police Station	1906 - 1923	865775
F	104m NE	Brick Works	1894 - 1956	2365648
F	108m NE	Unspecified Heap	1894	2367586
F	110m N	Unspecified Ground Workings	1906 - 1938	2365835
2	117m SW	Brick Field	1851	857249
F	118m NE	Unspecified Pit	1956	2367432
F	140m N	Unspecified Works	1968	2366371
G	143m S	Police Station	1978	832594
3	147m SW	Brick Field	1851	976323
F	152m N	Unspecified Pit	1956	785351
F	159m NW	Unspecified Commercial/Industrial	1977 - 1985	729863
F	161m N	Tramway Sidings	1931	721626
F	162m N	Tramway Sidings	1938	720983
F	164m NE	Unspecified Ground Workings	1906 - 1916	704614
A	166m NW	Unspecified Pit	1894	962326
A	170m NW	Unspecified Pit	1906	2367433
I	175m W	Brick Works	1906 - 1916	858389
I	175m W	Unspecified Ground Workings	1916	932201
F	176m N	Railway Sidings	1956	641681
I	176m W	Brick Works	1923	864895
I	177m W	Printing Works	1931	990346



ID	Location	Land use	Dates present	Group ID
A	183m W	Unspecified Ground Workings	1894	800620
F	188m NE	Unspecified Ground Workings	1956	711546
I	202m W	Railway Sidings	1916 - 1923	886190
5	202m NE	Unspecified Pits	1894	659202
I	204m W	Printing Works	1938	959471
F	207m N	Railway Sidings	1956	745281
F	210m NW	Unspecified Heap	1916 - 1923	763053
F	212m NW	Unspecified Pit	1894	691210
J	226m N	Railway Sidings	1923	772115
F	227m N	Unspecified Pit	1894	691209
F	227m N	Unspecified Warehouse	1977	652418
F	227m N	Unspecified Warehouses	1985	663996
J	237m N	Railway Sidings	1916	743779
I	240m SW	Electricity Substation	1916 - 1923	852994
K	242m W	Unspecified Pit	1916 - 1923	925253
L	243m NE	Unspecified Warehouse	1968	652419
F	246m N	Tramway Sidings	1938	738439
F	248m N	Unspecified Pit	1923	697279
F	249m N	Railway Sidings	1956	701423
I	249m W	Unspecified Ground Workings	1931	909181
I	257m SW	Unspecified Heap	1894	804006
M	257m SW	Brick Works	1894	979486
J	257m N	Unspecified Pit	1956	723535
I	264m W	Unspecified Ground Workings	1956	881981
F	265m NW	Clay Pit	1916 - 1923	768988
I	269m W	Unspecified Pit	1894	840488
I	275m W	Unspecified Ground Workings	1938	851823
6	277m W	Unspecified Heap	1894	2367587



ID	Location	Land use	Dates present	Group ID
F	282m NW	Unspecified Pit	1931	691212
F	288m NW	Unspecified Ground Workings	1894 - 1906	768259
M	290m SW	Unspecified Heap	1923	897701
I	291m W	Unspecified Heaps	1956	831345
N	295m N	Unspecified Ground Workings	1894	648385
M	296m W	Unspecified Heap	1894	968607
F	299m NW	Unspecified Works	1968 - 1985	706748
8	301m NE	Unspecified Depot	1968	785526
Q	331m NW	Cabinet Works	1906 - 1923	768547
I	335m SW	Unspecified Ground Workings	1956 - 1971	952775
N	335m N	Refuse Heap	1916 - 1923	763881
9	351m SW	Unspecified Ground Workings	1851	800623
S	352m E	Brick Works	1906 - 1956	2365649
Q	354m NW	Unspecified Pit	1894	691211
T	356m N	Hospital	1968 - 1985	777600
P	373m E	Unspecified Depot	1971 - 1978	2367931
P	373m E	Unspecified Pit	1906	2367436
U	374m NE	Garages	1977	2366807
P	375m E	Garage	1985	2367990
T	381m N	Hospital	1938 - 1956	787040
T	384m N	Unspecified Pit	1894	691215
P	385m E	Unspecified Depot	1978	948771
P	385m E	Unspecified Depot	1971	956640
P	385m E	Unspecified Depot	1985 - 1994	974878
12	390m N	Unspecified Tank	1931	674956
13	394m NW	Unspecified Pits	1906	659201
T	394m N	Mortuary	1956	679700
P	395m E	Clay Pit	1921 - 1923	884437



ID	Location	Land use	Dates present	Group ID
S	396m E	Unspecified Ground Workings	1906 - 1956	2365844
V	397m SW	Unspecified Commercial/Industrial	1938	889569
V	399m SW	Unspecified Commercial/Industrial	1931	912741
V	399m SW	Unspecified Commercial/Industrial	1916	863056
P	400m E	Railway Sidings	1938	845026
P	400m E	Railway Sidings	1933	941732
W	401m NW	Unspecified Works	1968	679111
W	402m NW	Unspecified Factory	1977 - 1985	781187
P	403m E	Railway Sidings	1956	990384
Q	406m NW	Unspecified Heap	1956	651063
U	406m NE	Cabinet Works	1923	758705
U	412m NE	Unspecified Commercial/Industrial	1931	643378
U	412m NE	Cabinet Works	1916	706686
X	413m NE	Unspecified Depot	1977 - 1985	699354
P	414m E	Brick Works	1923	988443
U	414m NE	Garage	1968	693875
P	419m E	Unspecified Pit	1933	840530
T	440m N	Hospital	1923	790159
14	440m E	Disused Brick Works	1956	2367165
W	441m NW	Unspecified Pit	1894	691213
15	449m E	Brewery	1891	822709
T	450m N	Hospital	1906	755641
U	450m NE	Unspecified Works	1968	679112
Y	451m S	Unspecified Ground Workings	1851	800622
T	456m N	Hospital	1916	721846
T	456m N	Hospital	1931	773810
W	457m NW	Unspecified Heap	1894	651065
Z	459m S	Unspecified Works	1985 - 1988	870906



ID	Location	Land use	Dates present	Group ID
Z	459m S	Unspecified Works	1978	932157
Z	459m S	Unspecified Works	1971	978140
Z	459m S	Unspecified Commercial/Industrial	1938	905224
Z	460m S	Unspecified Commercial/Industrial	1923 - 1931	845927
S	461m E	Unspecified Ground Workings	1968	693898
U	461m NE	Unspecified Ground Workings	1891	768655
18	478m NE	Brick Works	1891	715014
20	483m SE	Railway Sidings	1906 - 1994	2367776
21	483m N	Unspecified Tank	1931	674957
22	487m W	Unspecified Pit	1894	2367448
AC	487m W	Brick Works	1894	2365647
Z	487m S	Unspecified Commercial/Industrial	1916	973762
AD	488m S	Hospital	1931	876058
AD	488m S	Hospital	1916	888247
Q	490m NW	Unspecified Ground Workings	1906	694441
Q	490m NW	Unspecified Ground Workings	1923	747839
24	490m SW	Unspecified Pit	1851	840491
Q	491m NW	Unspecified Heap	1956	651064
P	492m E	Railway Sidings	1923	943576
AC	493m NW	Unspecified Ground Workings	1906 - 1988	2365836
AD	496m S	Hospital	1923	928379
P	497m E	Railway Sidings	1921	898792
S	498m NE	Brick Works	1891	754112
25	499m SE	Unspecified Ground Workings	1988 - 1994	878030
26	500m SW	Unspecified Commercial/Industrial	1923	796752

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

28

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
E	47m NE	Unspecified Tank	1992 - 1993	133925
E	48m NE	Unspecified Tank	1989	147253
B	80m SW	Tanks	1996	106860
B	93m SW	Tanks	1989 - 1996	145963
D	113m E	Unspecified Tank	1933	116021
G	161m S	Unspecified Tank	1952	145826
F	181m N	Unspecified Tank	1949	100545
F	189m NW	Unspecified Tank	1958	85378
F	237m N	Unspecified Tank	1922	85376
L	254m NE	Unspecified Tank	1975 - 1996	100101
L	255m NE	Unspecified Tank	1982	93968
K	336m W	Unspecified Tank	1950 - 1954	133768
K	337m W	Unspecified Tank	1950	116022
P	353m NE	Unspecified Tank	1975	93992
P	353m NE	Unspecified Tank	1982 - 1996	97775
P	394m E	Unspecified Tank	1949 - 1952	146048
P	408m E	Unspecified Tank	1949	85379
P	424m E	Unspecified Tank	1989	129613
P	425m E	Unspecified Tank	1992 - 1993	144084
V	428m SW	Unspecified Tank	1891 - 1892	140021
Y	441m S	Unspecified Tank	1891	116017



ID	Location	Land use	Dates present	Group ID
Y	452m S	Unspecified Tank	1952	135035
Y	452m S	Unspecified Tank	1952 - 1958	127833
17	466m S	Tanks	1891	106848
AB	473m SE	Unspecified Tank	1963 - 1964	141033
AB	478m SE	Unspecified Tank	1952	135439
AB	479m SE	Unspecified Tank	1952	139714
19	482m S	Unspecified Tank	1891	116020

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	22
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Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
C	38m N	Electricity Substation	1989	74095
C	38m N	Electricity Substation	1992 - 1993	64855
B	64m SW	Electricity Substation	1954	67305
C	67m N	Electricity Substation	1968 - 1993	76308
B	69m SW	Electricity Substation	1989	80134
B	74m SW	Electricity Substation	1996	62194
D	130m E	Electricity Substation	1949 - 1952	69624
A	148m W	Electricity Substation	1950	84704
F	205m NW	Electricity Board Headquarters	1973 - 1988	58077
I	234m SW	Electricity Substation	1996	82325
I	234m SW	Electricity Substation	1908 - 1954	64086

ID	Location	Land use	Dates present	Group ID
I	254m SW	Electricity Substation	1975 - 1989	75992
I	277m W	Electricity Substation	1989 - 1996	73652
O	298m SE	Electricity Substation	1968 - 1989	84374
O	299m SE	Electricity Substation	1992 - 1993	64762
10	373m SW	Electricity Substation	1950 - 1954	83928
11	383m E	Electricity Substation	1949 - 1993	64900
W	437m NW	Electricity Substation	1994	45886
X	449m NE	Electricity Substation	1994 - 1996	58345
W	451m NW	Electricity Substation	1951 - 1988	55788
W	451m NW	Electricity Substation	1951	58363
23	488m W	Electricity Substation	1975 - 1996	80485

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

33

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
H	147m SE	Garage	1989	21934
H	149m SE	Garage	1992 - 1993	27258
4	166m SW	Motor Repair Works	1962 - 1975	24441
F	240m NE	Car Breakers Yard	1975 - 1982	17685
F	285m N	Car Breaker's Yard	1994	14718
7	288m NW	Repair Works	1951	18063
P	311m NE	Garage	1982	89660
Q	327m NW	Motor Repair Works	1973	14769
P	330m NE	Garage	1975	89724
R	337m S	Garage	1958	26976
R	339m S	Garage	1963 - 1968	27566
R	339m S	Garage	1958	20821
P	375m NE	Garage	1963	15608
P	375m E	Garage	1949	15281
P	375m E	Garage	1963 - 1975	19790
P	376m E	Garage	1982	15391
U	414m NE	Garage	1963	19642
U	414m NE	Garage	1949	15414
U	414m NE	Garage	1975	16685
Y	420m S	Garage	1990	21257
Y	420m S	Garage	1995	23859
Y	420m S	Garage	1990	20708
V	433m SW	Garage	1984 - 1996	24235
Y	438m S	Garage	1990	21627
Y	439m S	Garage	1990 - 1995	25612
Q	448m NW	Garages	1951	14750
Q	450m NW	Garage	1973	14686
U	451m NE	Garage	1975	15323

ID	Location	Land use	Dates present	Group ID
W	452m N	Garage	1958 - 1973	18621
W	455m N	Garage	1951	16143
AA	461m W	Garage	1975 - 1996	25786
16	463m SW	Garage	1975	20290
AA	465m W	Garage	1989	22331

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

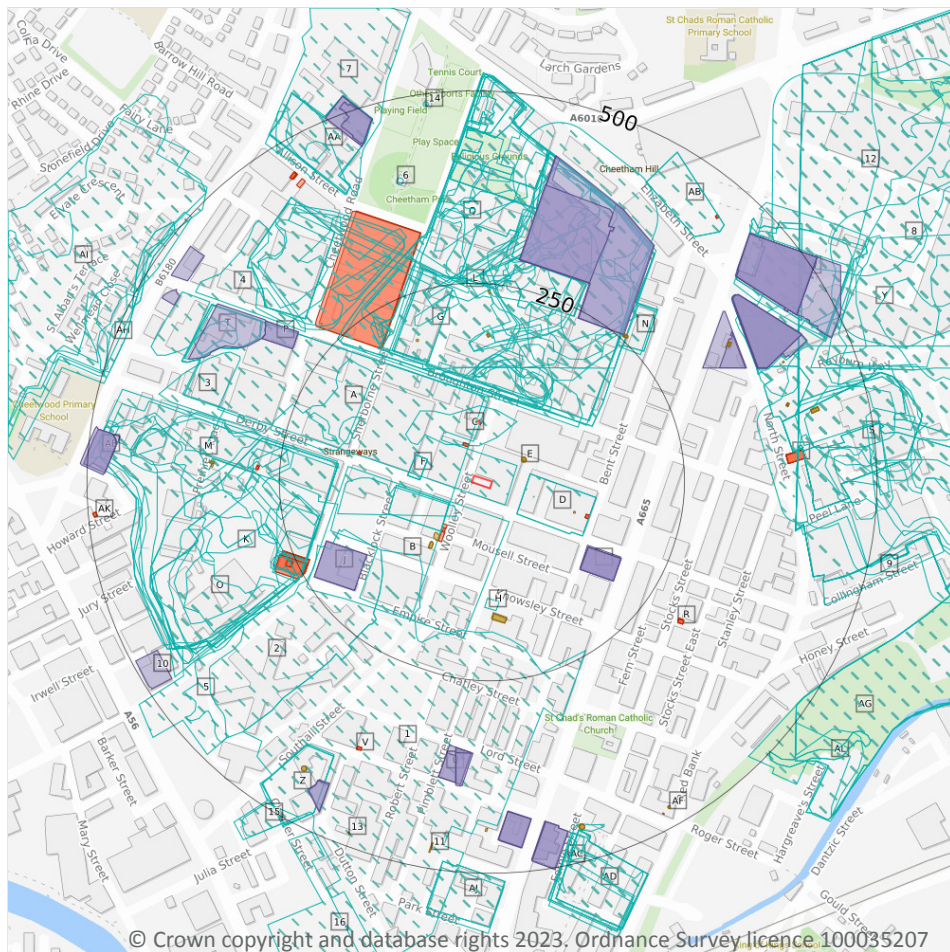
0

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

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



2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m

193

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 24**

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Commercial/Industrial	1931	2367040
A	19m W	Unspecified Commercial/Industrial	1938	2367040
B	33m S	Art Metal Works	1894	809854



ID	Location	Land Use	Date	Group ID
B	39m SW	Unspecified Pit	1894	840489
C	39m N	Unspecified Ground Workings	1894	800621
B	40m SW	Ice Works	1906	808539
B	40m SW	Unspecified Commercial/Industrial	1923	982911
D	44m SE	Sawmills	1894	813169
D	44m SE	Unspecified Commercial/Industrial	1923	796750
F	64m W	Police Station	1916	865775
F	64m W	Police Station	1906	865775
F	64m W	Police Station	1923	865775
G	104m NE	Brick Works	1894	2365648
G	108m NE	Unspecified Heap	1894	2367586
G	109m NE	Brick Works	1916	2365648
G	109m NE	Brick Works	1906	2365648
G	110m N	Brick Works	1923	2365648
G	110m N	Unspecified Ground Workings	1923	2365835
G	113m NE	Unspecified Ground Workings	1906	2365835
G	116m NE	Brick Works	1938	2365648
G	117m NE	Brick Works	1931	2365648
1	117m SW	Brick Field	1851	857249
G	118m NE	Unspecified Pit	1956	2367432
G	119m NE	Unspecified Ground Workings	1938	2365835
G	120m NE	Unspecified Ground Workings	1916	2365835
G	124m NE	Unspecified Ground Workings	1931	2365835
G	140m N	Unspecified Works	1968	2366371
G	141m N	Brick Works	1956	2365648
H	143m S	Police Station	1978	832594
2	147m SW	Brick Field	1851	976323
G	152m N	Unspecified Pit	1956	785351



ID	Location	Land Use	Date	Group ID
G	159m NW	Unspecified Commercial/Industrial	1985	729863
G	159m NW	Unspecified Commercial/Industrial	1977	729863
G	161m N	Tramway Sidings	1931	721626
G	162m N	Tramway Sidings	1938	720983
G	164m NE	Unspecified Ground Workings	1906	704614
A	166m NW	Unspecified Pit	1894	962326
A	170m NW	Unspecified Pit	1906	2367433
K	175m W	Unspecified Ground Workings	1916	932201
K	175m W	Brick Works	1916	858389
K	175m W	Brick Works	1906	858389
G	176m N	Railway Sidings	1956	641681
K	176m W	Brick Works	1923	864895
K	177m W	Printing Works	1931	990346
A	183m W	Unspecified Ground Workings	1894	800620
G	188m NE	Unspecified Ground Workings	1956	711546
K	202m W	Railway Sidings	1916	886190
G	202m NE	Unspecified Pits	1894	659202
K	203m W	Railway Sidings	1923	886190
K	204m W	Printing Works	1938	959471
G	207m N	Railway Sidings	1956	745281
G	210m NW	Unspecified Heap	1923	763053
G	212m NW	Unspecified Pit	1894	691210
G	217m NW	Unspecified Heap	1916	763053
L	226m N	Railway Sidings	1923	772115
G	227m N	Unspecified Pit	1894	691209
G	227m N	Unspecified Warehouses	1985	663996
G	227m N	Unspecified Warehouse	1977	652418
G	237m N	Railway Sidings	1916	743779



ID	Location	Land Use	Date	Group ID
G	240m N	Railway Sidings	1916	743779
K	240m SW	Electricity Substation	1916	852994
M	242m W	Unspecified Pit	1923	925253
K	242m SW	Electricity Substation	1923	852994
N	243m NE	Unspecified Warehouse	1968	652419
G	246m N	Tramway Sidings	1938	738439
G	248m N	Unspecified Pit	1923	697279
G	249m N	Railway Sidings	1956	701423
K	249m W	Unspecified Ground Workings	1931	909181
K	257m SW	Unspecified Heap	1894	804006
O	257m SW	Brick Works	1894	979486
L	257m N	Unspecified Pit	1956	723535
G	263m N	Unspecified Ground Workings	1916	704614
K	264m W	Unspecified Ground Workings	1956	881981
G	265m NW	Clay Pit	1923	768988
G	269m NW	Clay Pit	1916	768988
K	269m W	Unspecified Pit	1894	840488
K	275m W	Unspecified Ground Workings	1938	851823
3	277m W	Unspecified Heap	1894	2367587
M	281m W	Unspecified Pit	1916	925253
G	282m NW	Unspecified Pit	1931	691212
4	288m NW	Unspecified Ground Workings	1894	768259
O	290m SW	Unspecified Heap	1923	897701
K	291m W	Unspecified Heaps	1956	831345
Q	295m N	Unspecified Ground Workings	1894	648385
O	296m W	Unspecified Heap	1894	968607
G	296m NW	Unspecified Ground Workings	1906	768259
G	299m NW	Unspecified Works	1985	706748



ID	Location	Land Use	Date	Group ID
G	299m NW	Unspecified Works	1977	706748
G	299m NW	Unspecified Works	1968	706748
G	301m NE	Unspecified Depot	1968	785526
T	331m NW	Cabinet Works	1916	768547
T	331m NW	Cabinet Works	1906	768547
T	331m NW	Cabinet Works	1923	768547
K	335m SW	Unspecified Ground Workings	1971	952775
Q	335m N	Refuse Heap	1916	763881
K	345m W	Unspecified Ground Workings	1956	952775
S	351m SW	Unspecified Ground Workings	1851	800623
Q	352m N	Refuse Heap	1923	763881
S	352m E	Brick Works	1956	2365649
T	354m NW	Unspecified Pit	1894	691211
Q	356m N	Hospital	1985	777600
Q	356m N	Hospital	1977	777600
Q	356m N	Hospital	1968	777600
S	373m E	Unspecified Depot	1971	2367931
S	373m E	Unspecified Depot	1978	2367931
S	373m E	Unspecified Pit	1906	2367436
W	374m NE	Garages	1977	2366807
S	375m E	Garage	1985	2367990
Q	381m N	Hospital	1938	787040
Q	384m N	Unspecified Pit	1894	691215
S	385m E	Unspecified Depot	1971	956640
S	385m E	Unspecified Depot	1988	974878
S	385m E	Unspecified Depot	1978	948771
S	385m E	Unspecified Depot	1985	974878
S	385m E	Unspecified Depot	1994	974878



ID	Location	Land Use	Date	Group ID
6	390m N	Unspecified Tank	1931	674956
7	394m NW	Unspecified Pits	1906	659201
Q	394m N	Mortuary	1956	679700
Q	394m N	Hospital	1956	787040
S	395m E	Clay Pit	1923	884437
Y	396m E	Unspecified Ground Workings	1933	2365844
Y	396m E	Unspecified Ground Workings	1921	2365844
Y	396m E	Unspecified Ground Workings	1906	2365844
Y	396m E	Brick Works	1938	2365649
Y	396m E	Brick Works	1933	2365649
Y	396m E	Brick Works	1921	2365649
Y	396m E	Brick Works	1906	2365649
Z	397m SW	Unspecified Commercial/Industrial	1938	889569
Z	399m SW	Unspecified Commercial/Industrial	1931	912741
Z	399m SW	Unspecified Commercial/Industrial	1916	863056
S	400m E	Railway Sidings	1938	845026
S	400m E	Railway Sidings	1933	941732
AA	401m NW	Unspecified Works	1968	679111
AA	402m NW	Unspecified Factory	1985	781187
AA	402m NW	Unspecified Factory	1977	781187
S	403m E	Railway Sidings	1956	990384
T	406m NW	Unspecified Heap	1956	651063
W	406m NE	Cabinet Works	1923	758705
W	412m NE	Unspecified Commercial/Industrial	1931	643378
W	412m NE	Cabinet Works	1916	706686
AB	413m NE	Unspecified Depot	1985	699354
AB	413m NE	Unspecified Depot	1977	699354
S	414m E	Brick Works	1923	988443



ID	Location	Land Use	Date	Group ID
W	414m NE	Garage	1968	693875
S	419m E	Unspecified Pit	1933	840530
S	433m E	Unspecified Ground Workings	1956	2365844
Q	440m N	Hospital	1923	790159
8	440m E	Disused Brick Works	1956	2367165
AA	441m NW	Unspecified Pit	1894	691213
9	449m E	Brewery	1891	822709
Q	450m N	Hospital	1906	755641
W	450m NE	Unspecified Works	1968	679112
AC	451m S	Unspecified Ground Workings	1851	800622
Q	456m N	Hospital	1931	773810
Q	456m N	Hospital	1916	721846
AA	457m NW	Unspecified Heap	1894	651065
AD	459m S	Unspecified Works	1971	978140
AD	459m S	Unspecified Works	1988	870906
AD	459m S	Unspecified Works	1978	932157
AD	459m S	Unspecified Works	1985	870906
AD	459m S	Unspecified Commercial/Industrial	1938	905224
AD	460m S	Unspecified Commercial/Industrial	1931	845927
Y	461m E	Unspecified Ground Workings	1968	693898
W	461m NE	Unspecified Ground Workings	1891	768655
Y	462m E	Unspecified Ground Workings	1956	2365844
Y	467m E	Unspecified Ground Workings	1938	2365844
AD	467m S	Unspecified Commercial/Industrial	1923	845927
12	478m NE	Brick Works	1891	715014
AG	483m SE	Railway Sidings	1923	2367776
14	483m N	Unspecified Tank	1931	674957
AH	487m W	Unspecified Pit	1894	2367448



ID	Location	Land Use	Date	Group ID
AI	487m W	Brick Works	1894	2365647
AD	487m S	Unspecified Commercial/Industrial	1916	973762
AG	488m SE	Railway Sidings	1921	2367776
AG	488m SE	Railway Sidings	1906	2367776
AG	488m SE	Railway Sidings	1938	2367776
AG	488m SE	Railway Sidings	1933	2367776
AJ	488m S	Hospital	1931	876058
AJ	488m S	Hospital	1916	888247
T	490m NW	Unspecified Ground Workings	1906	694441
T	490m NW	Unspecified Ground Workings	1923	747839
15	490m SW	Unspecified Pit	1851	840491
T	491m NW	Unspecified Heap	1956	651064
S	492m E	Railway Sidings	1923	943576
AI	493m NW	Unspecified Ground Workings	1916	2365836
AH	495m W	Unspecified Ground Workings	1906	2365836
AJ	496m S	Hospital	1923	928379
S	497m E	Railway Sidings	1921	898792
AH	498m W	Unspecified Ground Workings	1923	2365836
Y	498m NE	Brick Works	1891	754112
AL	499m SE	Unspecified Ground Workings	1988	878030
AL	499m SE	Unspecified Ground Workings	1994	878030
16	500m SW	Unspecified Commercial/Industrial	1923	796752

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

50

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 24**

ID	Location	Land Use	Date	Group ID
E	47m NE	Unspecified Tank	1993	133925
E	47m NE	Unspecified Tank	1992	133925
E	47m NE	Unspecified Tank	1993	133925
E	48m NE	Unspecified Tank	1989	147253
B	80m SW	Tanks	1996	106860
B	93m SW	Tanks	1989	145963
B	93m SW	Tanks	1996	145963
D	113m E	Unspecified Tank	1933	116021
H	161m S	Unspecified Tank	1952	145826
H	163m S	Unspecified Tank	1952	145826
G	181m N	Unspecified Tank	1949	100545
G	181m N	Unspecified Tank	1949	100545
G	189m NW	Unspecified Tank	1958	85378
G	237m N	Unspecified Tank	1922	85376
N	254m NE	Unspecified Tank	1975	100101
N	254m NE	Unspecified Tank	1994	100101
N	254m NE	Unspecified Tank	1996	100101
N	254m NE	Unspecified Tank	1996	100101
N	254m NE	Unspecified Tank	1994	100101
N	255m NE	Unspecified Tank	1982	93968
M	336m W	Unspecified Tank	1954	133768
M	336m W	Unspecified Tank	1950	133768
M	337m W	Unspecified Tank	1950	116022
S	353m NE	Unspecified Tank	1975	93992
S	353m NE	Unspecified Tank	1996	97775
S	353m NE	Unspecified Tank	1996	97775
S	353m NE	Unspecified Tank	1994	97775

ID	Location	Land Use	Date	Group ID
S	353m NE	Unspecified Tank	1994	97775
S	353m NE	Unspecified Tank	1982	97775
S	394m E	Unspecified Tank	1952	146048
S	394m E	Unspecified Tank	1949	146048
S	396m E	Unspecified Tank	1949	146048
S	396m E	Unspecified Tank	1952	146048
S	408m E	Unspecified Tank	1949	85379
S	424m E	Unspecified Tank	1989	129613
S	425m E	Unspecified Tank	1993	144084
S	425m E	Unspecified Tank	1992	144084
S	425m E	Unspecified Tank	1993	144084
Z	428m SW	Unspecified Tank	1892	140021
Z	428m SW	Unspecified Tank	1891	140021
AC	441m S	Unspecified Tank	1891	116017
AC	452m S	Unspecified Tank	1952	135035
AC	452m S	Unspecified Tank	1952	127833
AC	452m S	Unspecified Tank	1958	127833
11	466m S	Tanks	1891	106848
AF	473m SE	Unspecified Tank	1964	141033
AF	474m SE	Unspecified Tank	1963	141033
AF	478m SE	Unspecified Tank	1952	135439
AF	479m SE	Unspecified Tank	1952	139714
13	482m S	Unspecified Tank	1891	116020

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

61

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 24**

ID	Location	Land Use	Date	Group ID
C	38m N	Electricity Substation	1989	74095
C	38m N	Electricity Substation	1993	64855
C	38m N	Electricity Substation	1992	64855
C	38m N	Electricity Substation	1993	64855
B	64m SW	Electricity Substation	1954	67305
C	67m N	Electricity Substation	1993	76308
C	67m N	Electricity Substation	1992	76308
C	67m N	Electricity Substation	1993	76308
C	68m N	Electricity Substation	1968	76308
C	68m N	Electricity Substation	1989	76308
B	69m SW	Electricity Substation	1989	80134
B	74m SW	Electricity Substation	1996	62194
D	130m E	Electricity Substation	1952	69624
D	130m E	Electricity Substation	1949	69624
D	130m E	Electricity Substation	1949	69624
D	130m E	Electricity Substation	1952	69624
A	148m W	Electricity Substation	1950	84704
A	149m W	Electricity Substation	1950	84704
G	205m NW	Electricity Board Headquarters	1973	58077
G	206m NW	Electricity Board Headquarters	1988	58077
K	234m SW	Electricity Substation	1996	82325
K	234m SW	Electricity Substation	1954	64086
K	234m SW	Electricity Substation	1950	64086



ID	Location	Land Use	Date	Group ID
K	234m SW	Electricity Substation	1950	64086
K	239m SW	Electricity Substation	1908	64086
K	239m SW	Electricity Substation	1922	64086
K	254m SW	Electricity Substation	1975	75992
K	255m SW	Electricity Substation	1989	75992
K	277m W	Electricity Substation	1996	73652
K	277m W	Electricity Substation	1989	73652
R	298m SE	Electricity Substation	1968	84374
R	298m SE	Electricity Substation	1989	84374
R	299m SE	Electricity Substation	1993	64762
R	299m SE	Electricity Substation	1992	64762
R	299m SE	Electricity Substation	1993	64762
V	373m SW	Electricity Substation	1954	83928
V	373m SW	Electricity Substation	1950	83928
V	374m SW	Electricity Substation	1950	83928
X	383m E	Electricity Substation	1952	64900
X	383m E	Electricity Substation	1949	64900
X	384m E	Electricity Substation	1958	64900
X	384m E	Electricity Substation	1968	64900
X	384m E	Electricity Substation	1989	64900
X	384m E	Electricity Substation	1952	64900
X	384m E	Electricity Substation	1949	64900
X	384m E	Electricity Substation	1993	64900
X	384m E	Electricity Substation	1992	64900
X	384m E	Electricity Substation	1993	64900
AA	437m NW	Electricity Substation	1994	45886
AB	449m NE	Electricity Substation	1996	58345
AB	449m NE	Electricity Substation	1996	58345



ID	Location	Land Use	Date	Group ID
AB	449m NE	Electricity Substation	1994	58345
AB	449m NE	Electricity Substation	1994	58345
AA	451m NW	Electricity Substation	1973	55788
AA	451m NW	Electricity Substation	1951	55788
AA	451m NW	Electricity Substation	1951	58363
AA	451m NW	Electricity Substation	1951	58363
AA	452m NW	Electricity Substation	1988	55788
AK	488m W	Electricity Substation	1996	80485
AK	488m W	Electricity Substation	1989	80485
AK	489m W	Electricity Substation	1975	80485

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0
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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	47
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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 24**

ID	Location	Land Use	Date	Group ID
I	147m SE	Garage	1989	21934
I	149m SE	Garage	1992	27258
I	149m SE	Garage	1993	27258

ID	Location	Land Use	Date	Group ID
I	149m SE	Garage	1993	27258
J	166m SW	Motor Repair Works	1975	24441
J	166m SW	Motor Repair Works	1962	24441
G	240m NE	Car Breakers Yard	1975	17685
G	240m NE	Car Breakers Yard	1982	17685
G	285m N	Car Breaker's Yard	1994	14718
P	288m NW	Repair Works	1951	18063
P	288m NW	Repair Works	1951	18063
S	311m NE	Garage	1982	89660
T	327m NW	Motor Repair Works	1973	14769
S	330m NE	Garage	1975	89724
U	337m S	Garage	1958	26976
U	339m S	Garage	1968	27566
U	339m S	Garage	1958	20821
U	340m S	Garage	1964	27566
U	345m S	Garage	1963	27566
U	348m S	Garage	1958	26976
S	375m NE	Garage	1963	15608
S	375m E	Garage	1963	19790
S	375m E	Garage	1949	15281
S	375m E	Garage	1975	19790
S	376m E	Garage	1982	15391
W	414m NE	Garage	1963	19642
W	414m NE	Garage	1949	15414
W	414m NE	Garage	1975	16685
W	414m NE	Garage	1963	19642
AC	420m S	Garage	1990	21257
AC	420m S	Garage	1995	23859

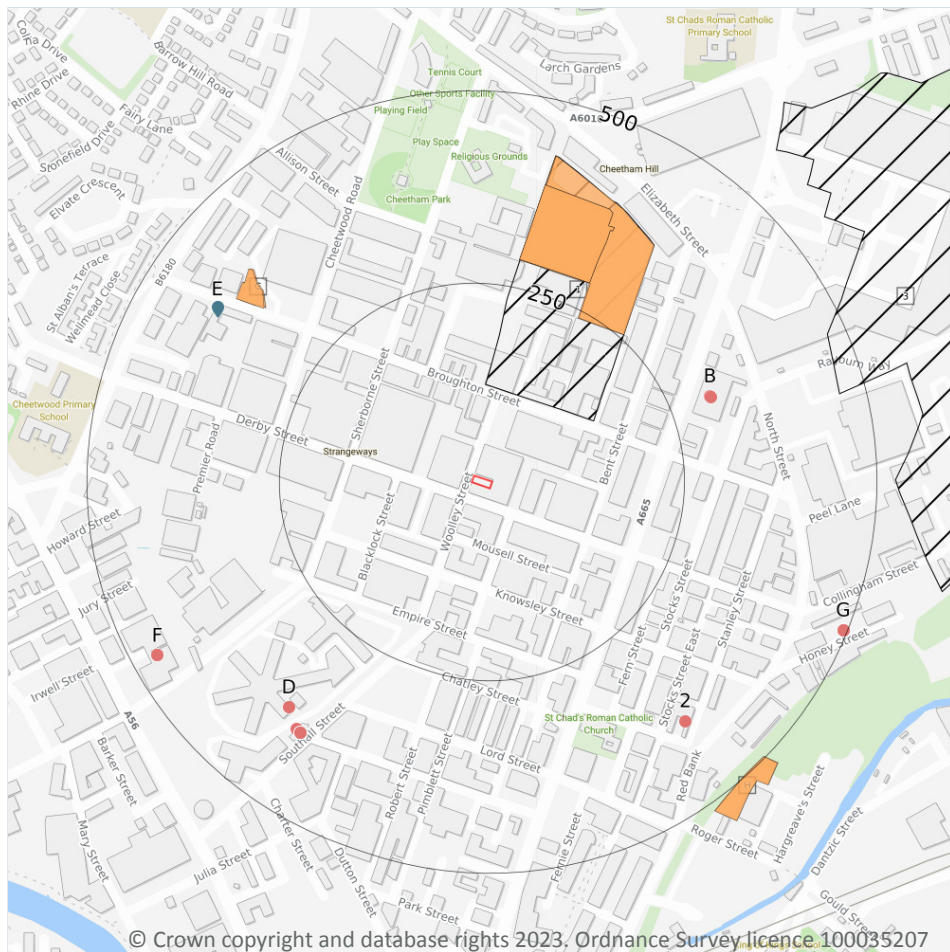


ID	Location	Land Use	Date	Group ID
AC	420m S	Garage	1990	20708
Z	433m SW	Garage	1996	24235
Z	435m SW	Garage	1984	24235
AC	438m S	Garage	1990	21627
AC	439m S	Garage	1995	25612
AC	439m S	Garage	1990	25612
T	448m NW	Garages	1951	14750
T	450m NW	Garage	1973	14686
W	451m NE	Garage	1975	15323
AA	452m N	Garage	1973	18621
AA	452m N	Garage	1958	18621
AA	455m N	Garage	1951	16143
AE	461m W	Garage	1975	25786
10	463m SW	Garage	1975	20290
AE	464m W	Garage	1996	25786
AE	465m W	Garage	1989	22331

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- 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

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

2

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 39**

ID	Location	Details		
1	116m NE	Site Address: Elizabeth Street, Cheetham, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: F030 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -
3	465m E	Site Address: Queens Road Tip - Land to South of Queens Road and North of Collingham Street, Cheetham, Manchester, Greater Manchester Licence Holder Address: -	Waste Licence: Yes Site Reference: F005,RD/LIC/241/82 Waste Type: Inert, Industrial, Commercial, Household, Special, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 01/01/1974 Licence Surrender: -	Operator: H Evers Limited Licence Holder: Manchester City Council First Recorded 31/12/1955 Last Recorded: 31/12/1970

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

3.5 Historical waste sites

Records within 500m

9

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 39**



ID	Location	Address	Further Details	Date
A	239m NE	Site Address: N/A	Type of Site: Car Breakers Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1949
A	240m NE	Site Address: N/A	Type of Site: Car Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1964
A	285m N	Site Address: N/A	Type of Site: Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1996
A	285m N	Site Address: N/A	Type of Site: Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1996
A	285m N	Site Address: N/A	Type of Site: Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1994
C	347m NW	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1973
C	349m NW	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1988
H	497m SE	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
H	497m SE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995



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

3.6 Licensed waste sites

Records within 500m

2

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

Features are displayed on the Waste and landfill map on **page 39**

ID	Location	Details		
E	397m NW	Site Name: Kains Steel Drums Site Address: 49, Broughton Street, Manchester, M8 8AN Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KSD001 EPR reference: EA/EPR/KP3592CV/S002 Operator: Kains Steel Drums Waste Management licence No: 53472 Annual Tonnage: 75000	Issue Date: 17/11/1998 Effective Date: - Modified: - Surrendered Date: Aug 22 2001 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
E	397m NW	Site Name: Kains Steel Drums Site Address: 49, Broughton Street, Manchester, M8 8AN Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KSD001 EPR reference: EA/EPR/KP3592CV/S002 Operator: Kains Steel Drums Waste Management licence No: 53472 Annual Tonnage: 75000	Issue Date: 17/11/1998 Effective Date: - Modified: - Surrendered Date: Aug 22 2001 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered

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

3.7 Waste exemptions

Records within 500m

20

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 39**



ID	Location	Site	Reference	Category	Sub-Category	Description
B	304m E	202-208 Cheetham Hill Road MANCHESTER M8 8LW	EPR/AF0833A G/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
B	304m E	202-208, CHEETHAM HILL ROAD, MANCHESTER, M8 8LW	WEX246472	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	377m SW	HMP Manchester Southall Street Manchester Lancashire M60 9AH	EPR/KE5042FK /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
D	393m SW	Pharmacy Dept HMP Manchester Southall Street Manchester Lancashire M60 9AH	EPR/EE5285VK /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
2	395m SE	Samuel House St. Chads Street Manchester Manchester M8 8QA	EPR/NF0800CZ /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX217664	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX225758	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX225758	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX225758	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX079879	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX079879	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX079879	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	395m SW	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX040883	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
F	467m SW	2-16, BURY NEW ROAD, MANCHESTER, M8 8EL	WEX278596	Using waste exemption	Not on a farm	Use of waste in construction
F	467m SW	2-16, BURY NEW ROAD, MANCHESTER, M8 8EL	WEX278623	Treating waste exemption	Not on a farm	Recovery of scrap metal
F	467m SW	2-16, BURY NEW ROAD, MANCHESTER, M8 8EL	WEX278623	Using waste exemption	Not on a farm	Use of waste in construction

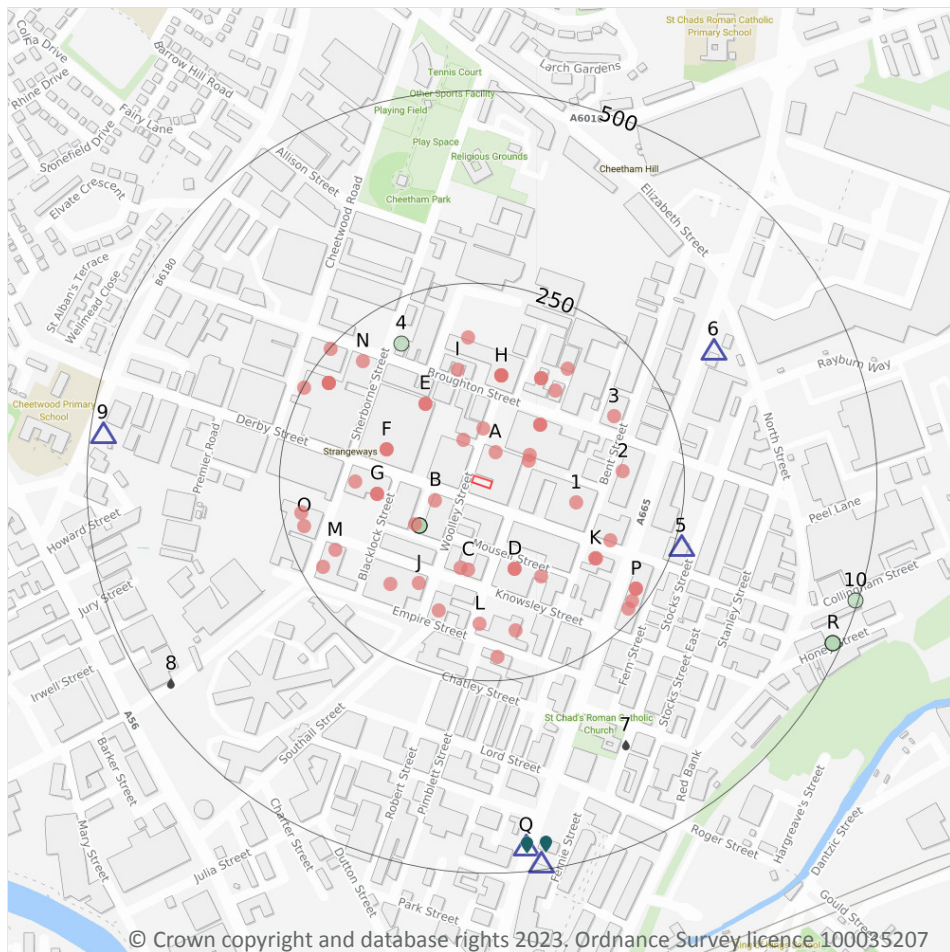


ID	Location	Site	Reference	Category	Sub-Category	Description
G	495m E	-	WEX261894	Using waste exemption	Not on a farm	Use of waste in construction
G	495m E	-	WEX267582	Using waste exemption	Not on a farm	Use of waste in construction
G	495m E	-	WEX267582	Treating waste exemption	Not on a farm	Recovery of scrap metal
G	495m E	21-23, HONEY STREET, MANCHESTER, M8 8RG	WEX230137	Treating waste exemption	Not on a farm	Screening and blending of 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

56

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 45**

ID	Location	Company	Address	Activity	Category
A	38m NE	Little Star Wholesale	Unit A, Woolley Street, Manchester, Greater Manchester, M8 8WE	Clothing, Components and Accessories	Consumer Products
A	49m NW	Electricity Sub Station	Greater Manchester, M8	Electrical Features	Infrastructure and Facilities
B	53m W	Splash Shopfitting	45, Derby Street, Manchester, Greater Manchester, M8 8HW	Shelving, Storage, Safes and Vaults	Industrial Products



ID	Location	Company	Address	Activity	Category
A	55m NE	Tank	Greater Manchester, M8	Tanks (Generic)	Industrial Features
A	60m NE	Manchester Hosiery	Unit 435, Broughton Street, Manchester, Greater Manchester, M8 8LZ	Lingerie and Hosiery	Consumer Products
A	62m N	Electricity Sub Station	Greater Manchester, M8	Electrical Features	Infrastructure and Facilities
B	92m SW	Bal Botanicals	53, Derby Street, Manchester, Greater Manchester, M8 8HW	Workwear	Industrial Products
A	97m NE	Moyee Fashion	23, Broughton Street, Manchester, Greater Manchester, M8 8LZ	Footwear	Consumer Products
A	97m NE	New Concept Fashion Ltd	Unit 2a, 21-23 Broughton Street, Manchester, Greater Manchester, M8 8LZ	Footwear	Consumer Products
C	109m S	Occasionwear	Unit 2 Little Giants Mall 30-32, Knowsley Street, Manchester, Greater Manchester, M8 8HQ	Clothing, Components and Accessories	Consumer Products
D	109m S	Ecustomise	28, Knowsley Street, Manchester, Greater Manchester, M8 8HQ	Plate Makers, Print Finishers and Type Setters	IT, Advertising, Marketing and Media Services
D	109m S	Web Embroidery Services Ltd	28, Knowsley Street, Manchester, Greater Manchester, M8 8HQ	Textiles, Fabrics, Silk and Machinery	Industrial Products
C	110m S	Zumm Cargo	Unit 3 Little Giants Mall 30-32, Knowsley Street, Manchester, Greater Manchester, M8 8HQ	Distribution and Haulage	Transport, Storage and Delivery
1	112m E	Kelsi Shoes	38d, Derby Street, Manchester, Greater Manchester, M8 8HN	Footwear	Consumer Products
E	113m NW	Eurosonic Group	11, Sherborne Street, Manchester, Greater Manchester, M3 1JS	Electronic Equipment	Industrial Products
E	113m NW	Richard Wood Babywear	Sherborne Street, Manchester, Greater Manchester, M8 8NE	Clothing, Components and Accessories	Consumer Products
F	118m W	Yokos Fashion	Commerce House 52-54, Derby Street, Manchester, Greater Manchester, M8 8HF	Jewellery, Gems, Clocks and Watches	Consumer Products
F	118m W	Megasaurus Ltd	Unit 32, Commerce House, 52-54, Derby Street, Manchester, Greater Manchester, M8 8HF	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
G	124m W	Razott Distribution	55, Derby Street, Manchester, Greater Manchester, M8 8HW	Electronic Equipment	Industrial Products



ID	Location	Company	Address	Activity	Category
G	124m W	Branco Logistics Ltd	55, Derby Street, Manchester, Greater Manchester, M8 8HW	Distribution and Haulage	Transport, Storage and Delivery
D	133m SE	Factory	Greater Manchester, M8	Unspecified Works Or Factories	Industrial Features
H	135m N	R S S Edge Shoes Ltd	37a, Broughton Street, Manchester, Greater Manchester, M8 8LZ	Footwear	Consumer Products
H	135m N	Euroda Footwear Ltd	36, Broughton Street, Manchester, Greater Manchester, M8 8NN	Footwear	Consumer Products
H	136m N	2030 M O T Station	36, Broughton Street, Manchester, Greater Manchester, M8 8NN	Vehicle Repair, Testing and Servicing	Repair and Servicing
I	140m N	Factory	Greater Manchester, M8	Unspecified Works Or Factories	Industrial Features
A	144m NE	Marfast	30, Broughton Street, Manchester, Greater Manchester, M8 8NN	Catering and Non Specific Food Products	Foodstuffs
J	148m SW	Factory	Greater Manchester, M8	Unspecified Works Or Factories	Industrial Features
A	149m NE	Victory Trading UK Ltd	32, Broughton Street, Manchester, Greater Manchester, M8 8NN	Clothing, Components and Accessories	Consumer Products
A	149m NE	Edge Clothing M C R Ltd	Unit 5, 32a Broughton Street, Manchester, Greater Manchester, M8 8NN	Clothing, Components and Accessories	Consumer Products
G	152m W	Works	Greater Manchester, M8	Unspecified Works Or Factories	Industrial Features
K	164m SE	Express Hand Car Wash	111, Cheetham Hill Road, Manchester, Greater Manchester, M8 8PY	Vehicle Cleaning Services	Personal, Consumer and Other Services
K	165m SE	UK No1 Tyres Ltd	111, Cheetham Hill Road, Manchester, Greater Manchester, M8 8PY	Vehicle Parts and Accessories	Motoring
J	169m SW	Factory	Greater Manchester, M8	Unspecified Works Or Factories	Industrial Features
2	171m E	Quick Fit Tyres	Warehouse Next to 151 to 153, Cheetham Hill Road, Manchester, Greater Manchester, M8 8LY	Vehicle Parts and Accessories	Motoring
K	171m SE	S S Gilman & Son Ltd	133a, Cheetham Hill Road, Manchester, Greater Manchester, M8 8LY	Jewellery, Gems, Clocks and Watches	Consumer Products



ID	Location	Company	Address	Activity	Category
J	172m S	Manchester Pharmacy	27, Woolley Street, Manchester, Greater Manchester, M8 8WE	Ambulance and Medical Transportation Services	Health Support Services
A	176m NE	Little Giants Ltd	49, Broughton Street, Manchester, Greater Manchester, M8 8NN	Clothing, Components and Accessories	Consumer Products
L	176m S	Sludge Tanks	Greater Manchester, M3	Waste Storage, Processing and Disposal	Infrastructure and Facilities
3	179m NE	Afnaan UK Ltd	Unit 3 24, Broughton Street, Manchester, Greater Manchester, M8 8NN	Clothing, Components and Accessories	Consumer Products
I	179m N	Mast (Telecommunication)	Greater Manchester, M8	Telecommunications Features	Infrastructure and Facilities
L	188m S	Joseph Holt	The Brewery, Empire Street, Manchester, Greater Manchester, M3 1JD	Alcoholic Drinks	Foodstuffs
M	198m SW	Andersen Textiles Ltd	63, Knowsley Street, Manchester, Greater Manchester, M8 8HX	Beds and Bedding	Consumer Products
N	208m NW	M I A Fashions	Unit 1 Royal Works 41, Broughton Street, Manchester, Greater Manchester, M8 8AN	Clothing, Components and Accessories	Consumer Products
L	219m S	David John Lighting Co	19-23, Empire Street, Manchester, Greater Manchester, M3 1JB	Lampshades and Lighting	Consumer Products
M	222m SW	Works	Greater Manchester, M8	Unspecified Works Or Factories	Industrial Features
N	224m NW	Sabah International Leatherwear Ltd	Unit 5 Royal Works 53, Sherborne Street, Manchester, Greater Manchester, M8 8LE	Clothing, Components and Accessories	Consumer Products
N	224m NW	Wicked Nights Ltd	Unit 4 Royal Works 53, Sherborne Street, Manchester, Greater Manchester, M8 8LE	Giftware	Consumer Products
N	224m NW	S R Mailing	Unit 23 Commerce House 54, Derby Street, Manchester, Greater Manchester, M8 8HF	Packaging	Industrial Products
O	225m W	Salford Van Hire	43, Sherborne Street, Manchester, Greater Manchester, M3 1EJ	Vehicle Hire and Rental	Hire Services
O	225m W	Works	Greater Manchester, M3	Unspecified Works Or Factories	Industrial Features



ID	Location	Company	Address	Activity	Category
P	231m SE	Golden Arts Printing	142d, Cheetham Hill Road, Manchester, Greater Manchester, M8 8PZ	Plate Makers, Print Finishers and Type Setters	IT, Advertising, Marketing and Media Services
P	231m SE	Golden Arts	142d, Cheetham Hill Road, Manchester, Greater Manchester, M8 8PZ	Published Goods	Industrial Products
P	236m SE	British Services Group	142b, Cheetham Hill Road, Manchester, Greater Manchester, M8 8PZ	Textiles, Fabrics, Silk and Machinery	Industrial Products
P	238m SE	Usman Beds	142a, Cheetham Hill Road, Manchester, Greater Manchester, M8 8PZ	Beds and Bedding	Consumer Products
N	248m NW	Aviator 75	Unit 3 29, Cheetwood Road, Manchester, Greater Manchester, M8 8AQ	Clothing, Components and Accessories	Consumer Products
N	249m NW	Sublime Wear Ltd	45, Broughton Street, Manchester, Greater Manchester, M8 8AN	Vehicle Components	Industrial Products

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	5
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 45**

ID	Location	Company	Address	LPG	Status
5	259m E	OBSOLETE	111, Cheetham Hill Road, Manchester, Greater Manchester, M8 8PY	Not Applicable	Obsolete
6	334m NE	UNBRANDED	Cheetham Hill Road, Manchester, Greater Manchester, M8 8LW	Not Applicable	Obsolete
Q	466m S	OBSOLETE	37-41, Cheetham Hill Road, Manchester, Greater Manchester, M4 4FT	Not Applicable	Obsolete
9	484m W	GULF	Waterloo Road, Strangeways, Manchester, Greater Manchester, M8 8GJ	No	Open
Q	490m S	TEXACO	58-76, Cheetham Hill Road, Manchester, Greater Manchester, M4 4EX	No	Open

This data is sourced from Experian.



4.3 Electricity cables

Records within 500m**0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m**0**

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

2

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 45**

ID	Location	Address	Details	
Q	466m S	Cheetham Hill Serv Stn, Cheetham Hill Rd, M4 4FT	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
Q	467m S	Redbank Service Station, 58 Cheetham Hill Road, Cheetham Hill, M4 4EX	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m

2

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 45**

ID	Location	Address	Details	
7	377m SE	CHEETHAM HILL RD, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0369 Permit Version: 1 Receiving Water: S/W	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1995 Revocation Date: 01/01/2017
8	470m SW	SHERBOURNE ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0358 Permit Version: 1 Receiving Water: -	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

9

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 45**

ID	Location	Details	
B	88m SW	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
B	88m SW	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)

ID	Location	Details	
B	88m SW	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Specific Waste Materials Pollutant Description: Contaminated Soil	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
B	88m SW	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
4	196m NW	Incident Date: 08/08/2002 Incident Identification: 98695 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
R	488m SE	Incident Date: 12/09/2008 Incident Identification: 620850 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
R	488m SE	Incident Date: 12/09/2008 Incident Identification: 620850 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Effects on Humans	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
R	488m SE	Incident Date: 12/09/2008 Incident Identification: 620850 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
10	496m E	Incident Date: 27/09/2001 Incident Identification: 33323 Pollutant: Organic Chemicals/Products Pollutant Description: Solvents	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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



4.20 Pollution inventory waste transfers

Records within 500m

0

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

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

4.21 Pollution inventory radioactive waste

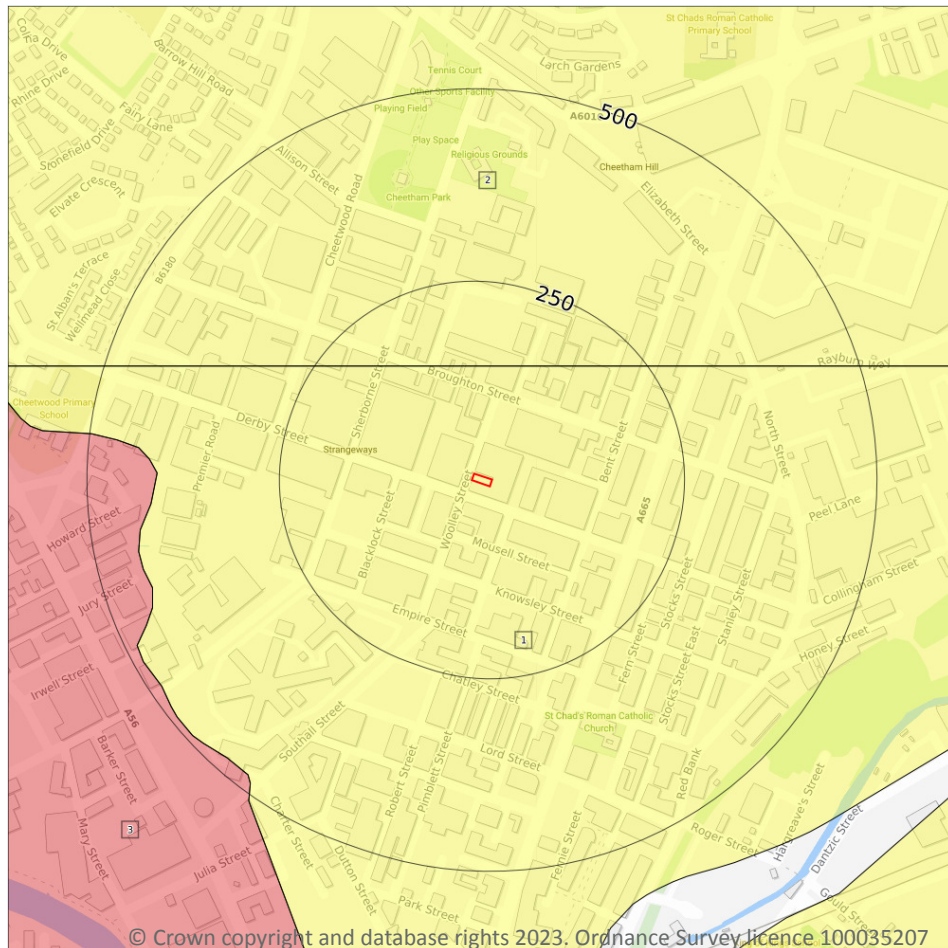
Records within 500m

0

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

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

5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 56**

ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	140m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

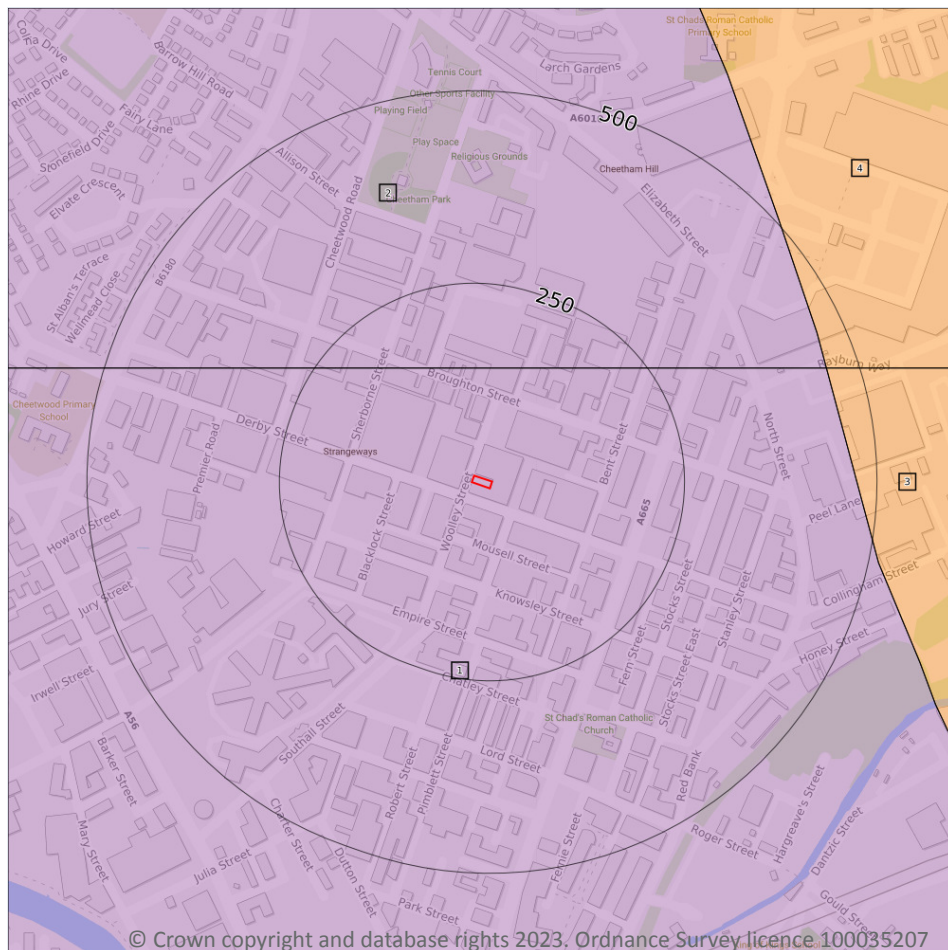


ID	Location	Designation	Description
3	409m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

4

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 58**

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	140m N	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

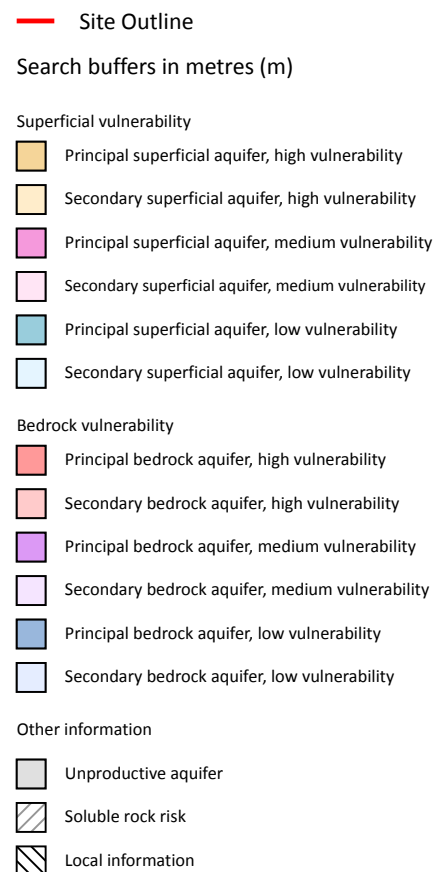
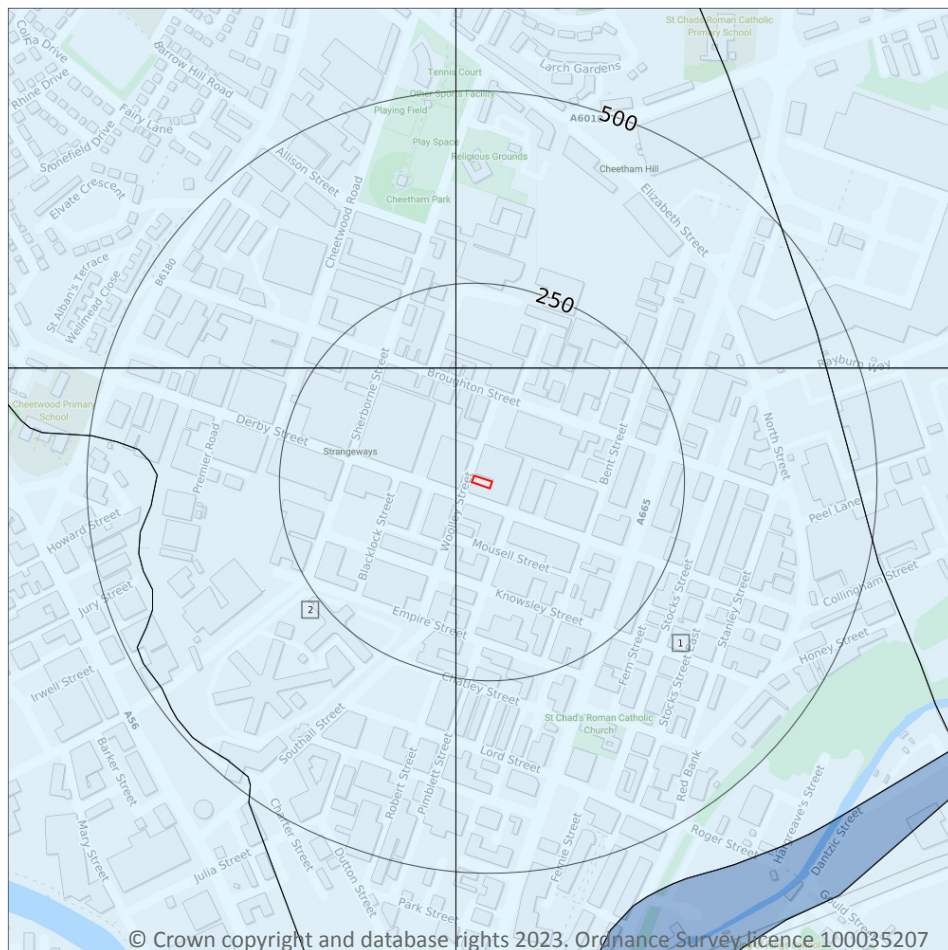


ID	Location	Designation	Description
3	458m E	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
4	459m E	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

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

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

Features are displayed on the Groundwater vulnerability map on **page 60**



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: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
2	20m W	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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.

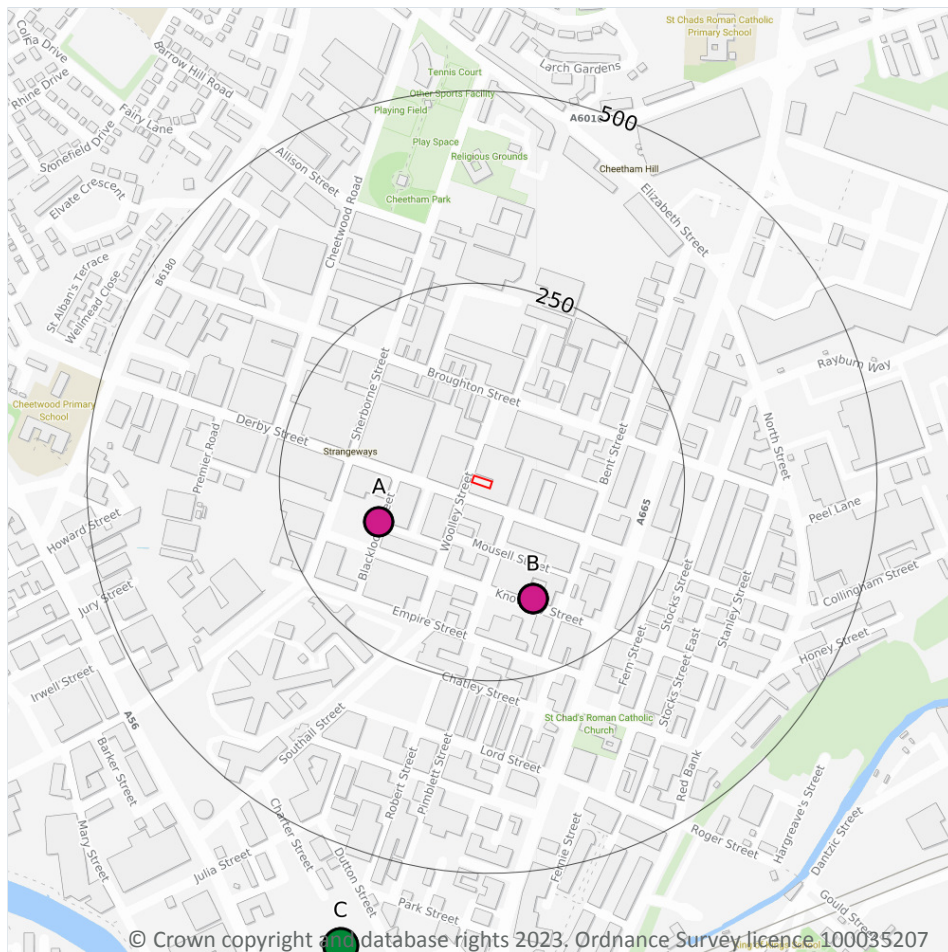
5.5 Groundwater vulnerability- local information

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

33

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 62**

ID	Location	Details	
A	131m W	Status: Historical Licence No: 2569004021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, DERBY STREET, CHEETHAM, MANCHESTER Data Type: Point Name: LANCASHIRE DAIRIES LTD Easting: 383900 Northing: 399800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -
A	131m W	Status: Historical Licence No: 2569004021 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, DERBY STREET, CHEETHAM, MANCHESTER Data Type: Point Name: LANCASHIRE DAIRIES LTD Easting: 383900 Northing: 399800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -
B	154m SE	Status: Historical Licence No: 2569004011 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3" Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -
B	154m SE	Status: Historical Licence No: 2569004011 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3" Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -



ID	Location	Details	
B	154m SE	Status: Active Licence No: 2569004011 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3 Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): 45,460 Max Daily Volume (m ³): 181.84 Original Application No: 0423 Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -
B	154m SE	Status: Active Licence No: 2569004011 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3 Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): 45,460 Max Daily Volume (m ³): 181.84 Original Application No: 0423 Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -
C	624m S	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
C	624m S	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -



ID	Location	Details	
C	624m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
C	624m S	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
C	624m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 1 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
C	624m S	Status: Historical Licence No: 2569004023 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 1 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -



ID	Location	Details	
-	659m S	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
-	659m S	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
-	659m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	659m S	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -



ID	Location	Details	
-	659m S	Status: Historical Licence No: 2569004023 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 3 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	659m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 3 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	691m S	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
-	691m S	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -



ID	Location	Details	
-	691m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	691m S	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	691m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 2 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	691m S	Status: Historical Licence No: 2569004023 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 2 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -

ID	Location	Details	
-	984m E	Status: Historical Licence No: 2569005015 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "B/HOLE, LITTLE GREEN WORKS, COLLYHURST RD, MANCHESTER 10" Data Type: Point Name: PACKAGING PRODUCTS LTD Easting: 385000 Northing: 400100	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: 21/02/1995 Version End Date: -
-	984m E	Status: Active Licence No: 2569005015 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: B/HOLE, LITTLE GREEN WORKS, COLLYHURST RD, MANCHESTER 10 Data Type: Point Name: Packaging Products (Coatings) Ltd Easting: 385000 Northing: 400100	Annual Volume (m ³): 438,689 Max Daily Volume (m ³): 1,636.56 Original Application No: NPS/WR/006003 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/02/2011 Version End Date: -
-	1194m S	Status: Historical Licence No: 2569007070 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT DIAL HOUSE, CHAPEL ST, SALFORD" Data Type: Point Name: BRITISH TELECOM Easting: 383700 Northing: 398700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1971 Expiry Date: - Issue No: 100 Version Start Date: 27/01/1971 Version End Date: -
-	1194m S	Status: Historical Licence No: 2569007070 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT DIAL HOUSE, CHAPEL ST, SALFORD Data Type: Point Name: BRITISH TELECOMMUNICATIONS PLC Easting: 383700 Northing: 398700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1971 Expiry Date: - Issue No: 101 Version Start Date: 01/04/1984 Version End Date: -



ID	Location	Details	
-	1194m S	Status: Active Licence No: 2569007070 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT DIAL HOUSE CHAPEL STREET SALFORD Data Type: Point Name: BRITISH TELECOMMUNICATIONS PLC Easting: 383700 Northing: 398700	Annual Volume (m ³): 45 Max Daily Volume (m ³): 30 Original Application No: 2333 Original Start Date: 27/01/1971 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2007 Version End Date: -
-	1687m SW	Status: Historical Licence No: 2569007089 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: 2 BOREHOLES AT GARTSIDE STREET MANCHESTER Data Type: Line Name: HER MAJESTY'S COURT SERVICE Easting: 383335 Northing: 398310	Annual Volume (m ³): 200000 Max Daily Volume (m ³): 1179 Original Application No: - Original Start Date: 26/01/2005 Expiry Date: 31/03/2011 Issue No: 2 Version Start Date: 10/07/2008 Version End Date: -
-	1844m S	Status: Historical Licence No: 2569007069 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT GEORGE ST, MANCHESTER" Data Type: Point Name: BRITISH TELECOM Easting: 384100 Northing: 398000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1971 Expiry Date: - Issue No: 100 Version Start Date: 27/01/1971 Version End Date: -
-	1844m S	Status: Historical Licence No: 2569007069 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT GEORGE ST, MANCHESTER Data Type: Point Name: BRITISH TELECOMMUNICATIONS PLC Easting: 384100 Northing: 398000	Annual Volume (m ³): 1100 Max Daily Volume (m ³): 860 Original Application No: - Original Start Date: 01/04/1984 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2007 Version End Date: -



ID	Location	Details	
-	1971m SW	Status: Historical Licence No: NW/069/0004/019 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Ground Water - North West Region Point: ST JOHNS MANCHESTER Data Type: Poly4 Name: Manchester Quays Development (MGY) Ltd Easting: 383094 Northing: 398099	Annual Volume (m ³): 543,120 Max Daily Volume (m ³): 1,488 Original Application No: - Original Start Date: 13/09/2019 Expiry Date: 31/12/2020 Issue No: 1 Version Start Date: 13/09/2019 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	0
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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.

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

5.8 Potable abstractions

Records within 2000m	10
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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.

Features are displayed on the Abstractions and Source Protection Zones map on **page 62**

ID	Location	Details	
A	131m W	Status: Historical Licence No: 2569004021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, DERBY STREET, CHEETHAM, MANCHESTER Data Type: Point Name: LANCASHIRE DAIRIES LTD Easting: 383900 Northing: 399800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -

ID	Location	Details	
C	624m S	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
C	624m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
C	624m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 1 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	659m S	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -



ID	Location	Details	
-	659m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	659m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 3 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
-	691m S	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
-	691m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -



ID	Location	Details	
-	691m S	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 2 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -

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
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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

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 75**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Irwell (Croal to Irk)	GB112069061451	Croal Irwell	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 75**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	770m SW	River	Irwell (Croal to Irk)	GB112069061451	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	1
------------------------	----------

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



Features are displayed on the Hydrology map on **page 75**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Manchester and East Cheshire Permo-Triassic Sandstone Aquifers	<u>GB41201G101100</u>	Poor	Poor	Poor	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

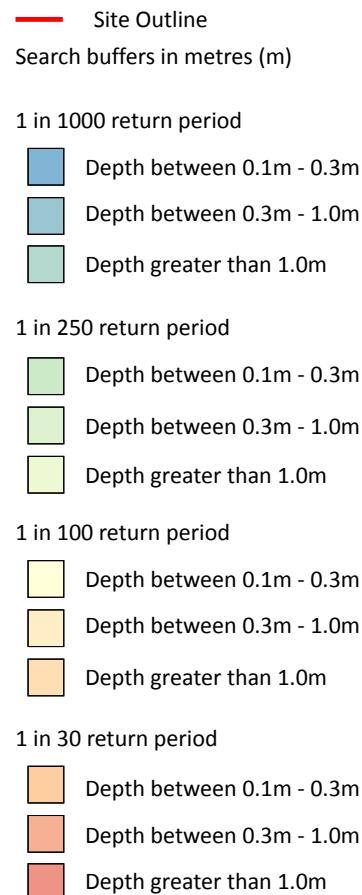
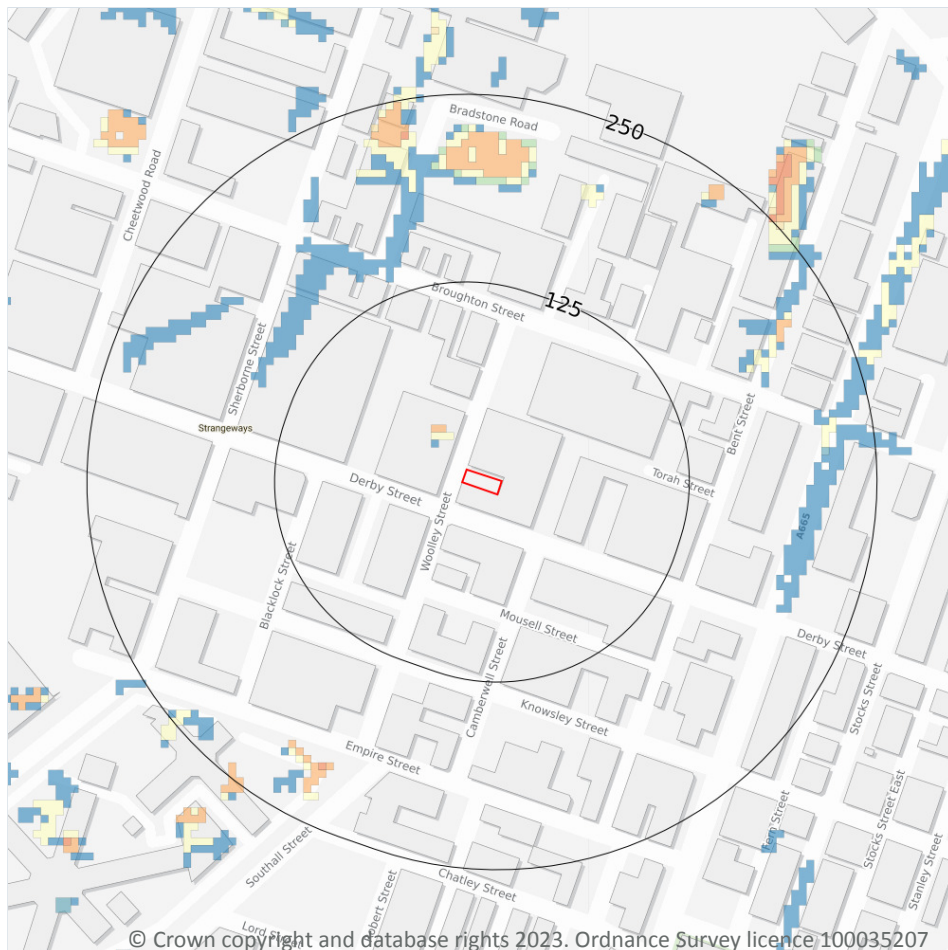
0

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



8.1 Surface water flooding

Highest risk on site

Negligible

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 81**

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

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

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from 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 83**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on **page 84**

ID	Location	Name	Data source
-	1976m NW	The Cliff / Kersal Dale	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m**0**

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

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

10.11 Green Belt

Records within 2000m**0**

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

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

10.12 Proposed Ramsar sites

Records within 2000m**0**

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m**0**

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m**0**

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

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

5

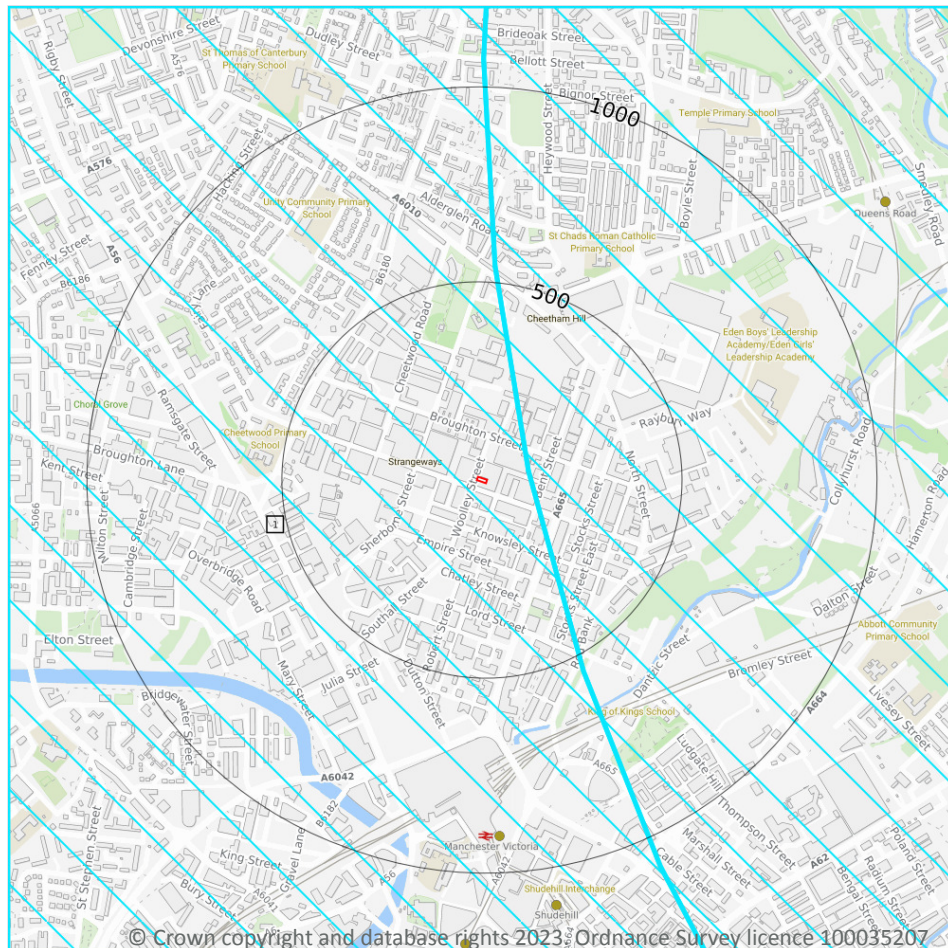
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Irwell / Man. Ship Canal (Kearsley to Irlam Locks) NVZ	Surface Water	643	Existing
45m E	Irwell / Man. Ship Canal (Kearsley to Irlam Locks) NVZ	Surface Water	643	Existing
162m E	River Irk (Moston Brook to River Irwell) NVZ	Surface Water	638	Existing
244m S	River Irk (Moston Brook to River Irwell) NVZ	Surface Water	638	Existing
1490m N	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 89**

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



This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

0

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

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



11 Visual and cultural designations



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

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

3

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

Features are displayed on the Visual and cultural designations map on **page 91**

ID	Location	Name	Grade	Reference Number	Listed date
1	189m SE	Cheetham Town Hall Annexe (Former), Cheetham, Manchester, M8	II	1283065	03/10/1974
2	201m SE	Cheetham Town Hall (Former), Cheetham, Manchester, M8	II	1208440	03/10/1974
3	237m SE	Knowsley Hotel, Cheetham, Manchester, M8	II	1197784	03/10/1974

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

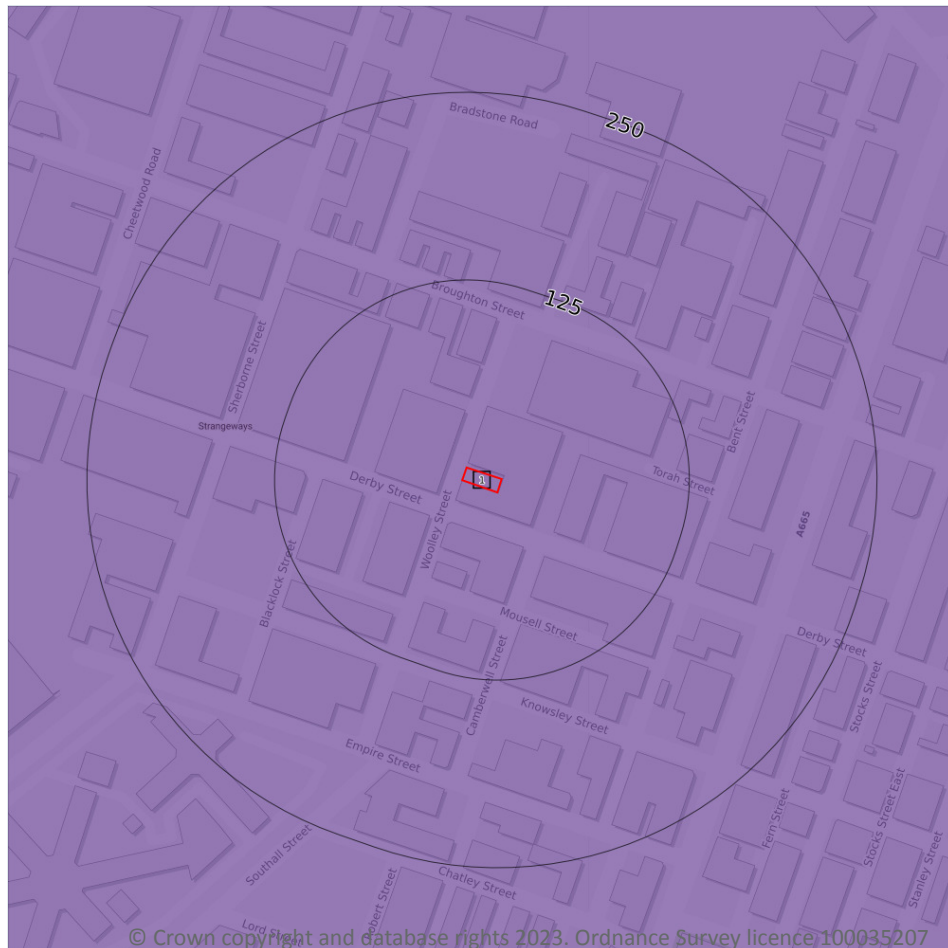
0

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 94**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

13 Habitat designations



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

13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

This data is sourced from Natural England.



13.3 Open Mosaic Habitat

Records within 250m

1

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

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

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	240m NE	HLD_refs: EAHLD1645 9	Low	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography	British Geological Survey BRITPITS database

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



- Site Outline**
- Search buffers in metres (m)**
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

2

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

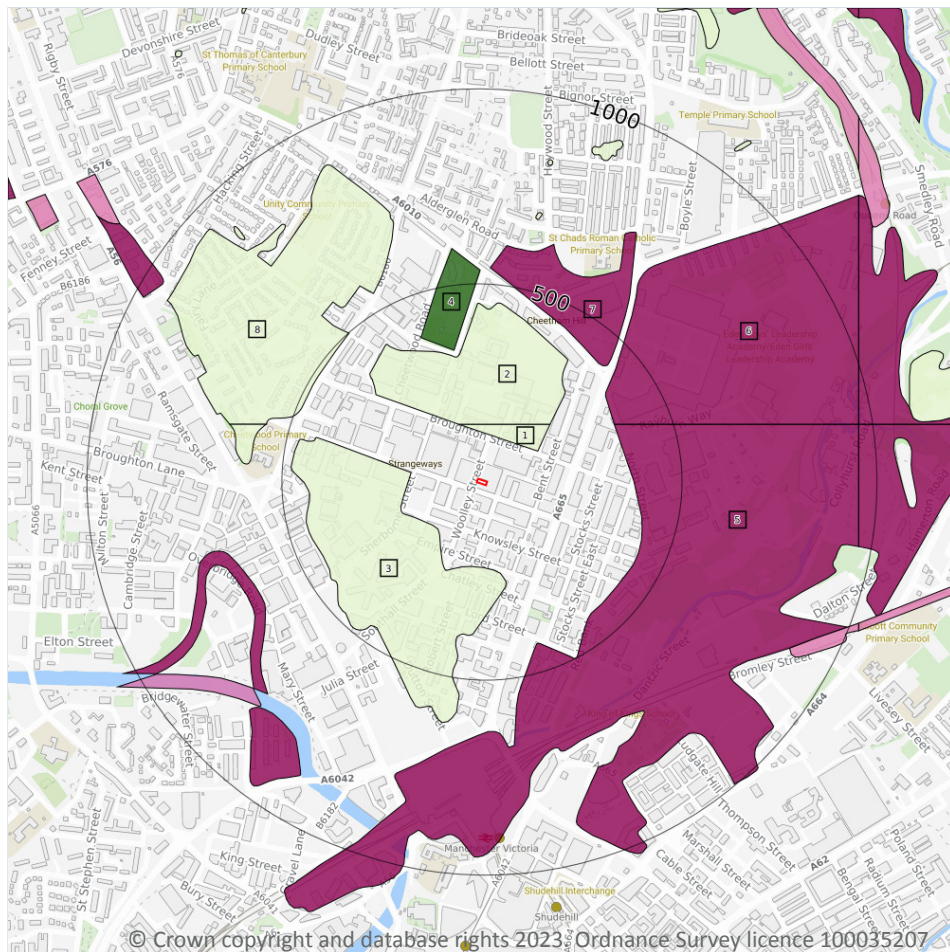
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 98**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SJ89NW
2	140m N	Full	Full	Full	Full	SD80SW

This data is sourced from the British Geological Survey.



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



— Site Outline
Search buffers in metres (m)

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

14.2 Artificial and made ground (10k)

Records within 500m

8

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 99**

ID	Location	LEX Code	Description	Rock description
1	116m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
2	140m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
3	156m SW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
4	335m N	LSGR-ARTDP	Landscaped Ground (Undivided)	Artificial Deposit

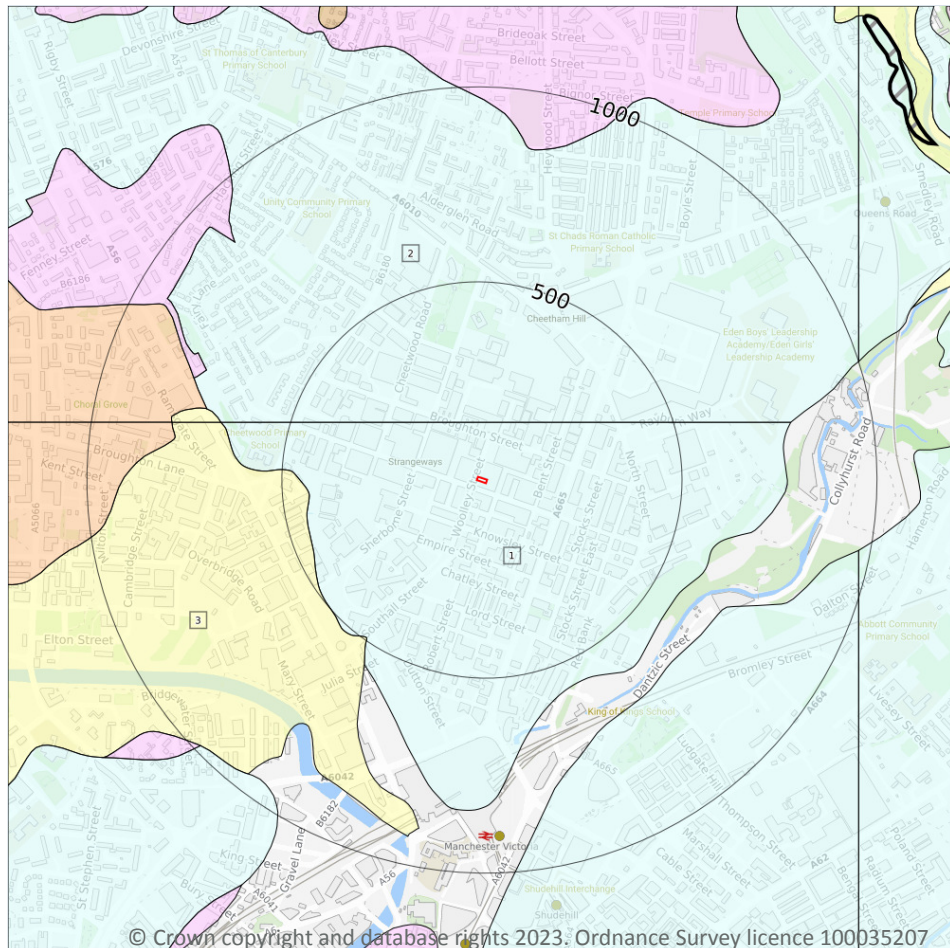


ID	Location	LEX Code	Description	Rock description
5	356m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	358m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
7	417m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
8	486m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

3

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

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

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
2	140m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
3	431m W	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel



This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

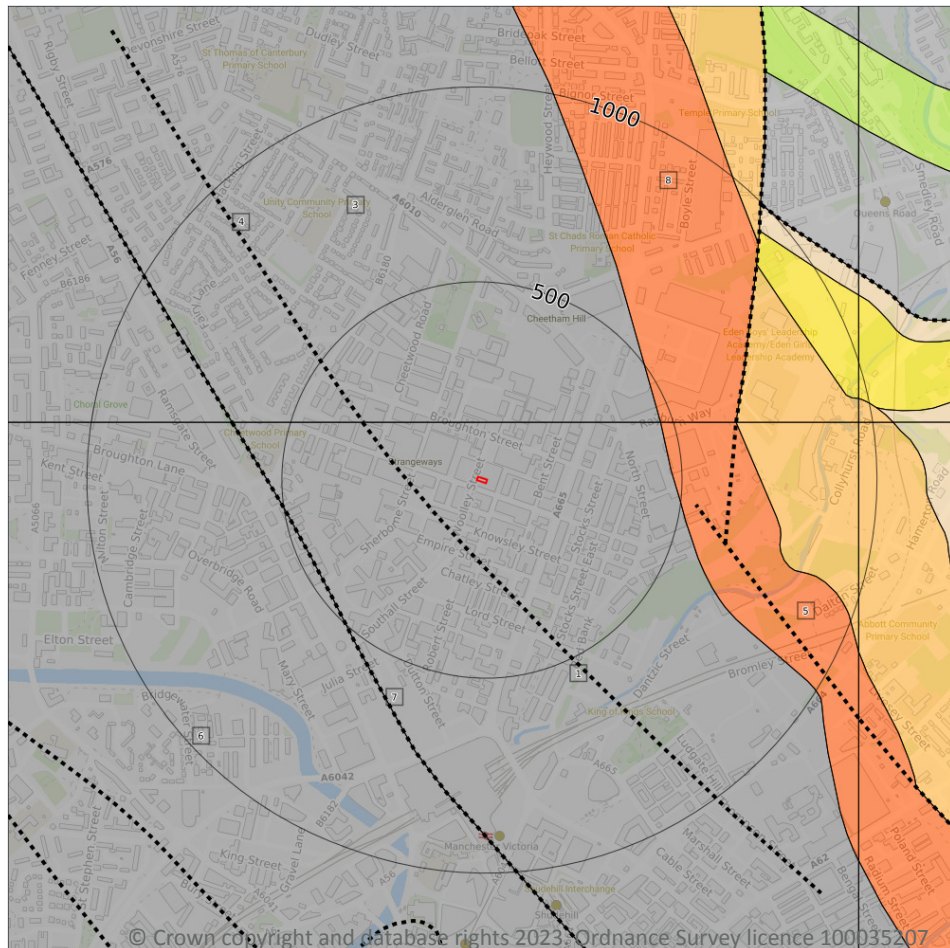
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

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

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

14.5 Bedrock geology (10k)

Records within 500m

5

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	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
3	140m N	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
5	466m E	MM-MDST	Manchester Marls Formation - Mudstone	Late Permian Epoch [Obsolete name]



ID	Location	LEX Code	Description	Rock age
6	468m SW	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
8	469m E	MM-MDST	Manchester Marls Formation - Mudstone	Late Permian Epoch [Obsolete name]

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.

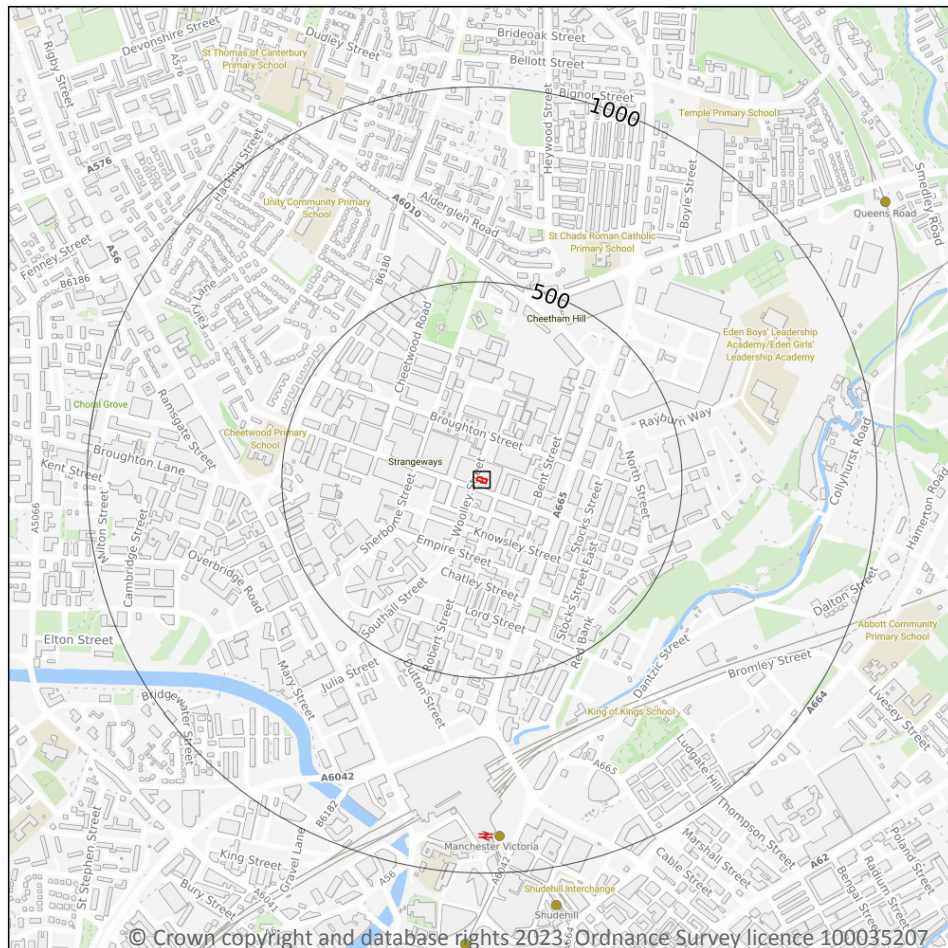
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 103**

ID	Location	Category	Description
2	137m SW	FAULT	Normal fault, inferred; crossmarks on downthrow side
4	326m NW	FAULT	Normal fault, inferred; crossmarks on downthrow side
7	468m SW	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.

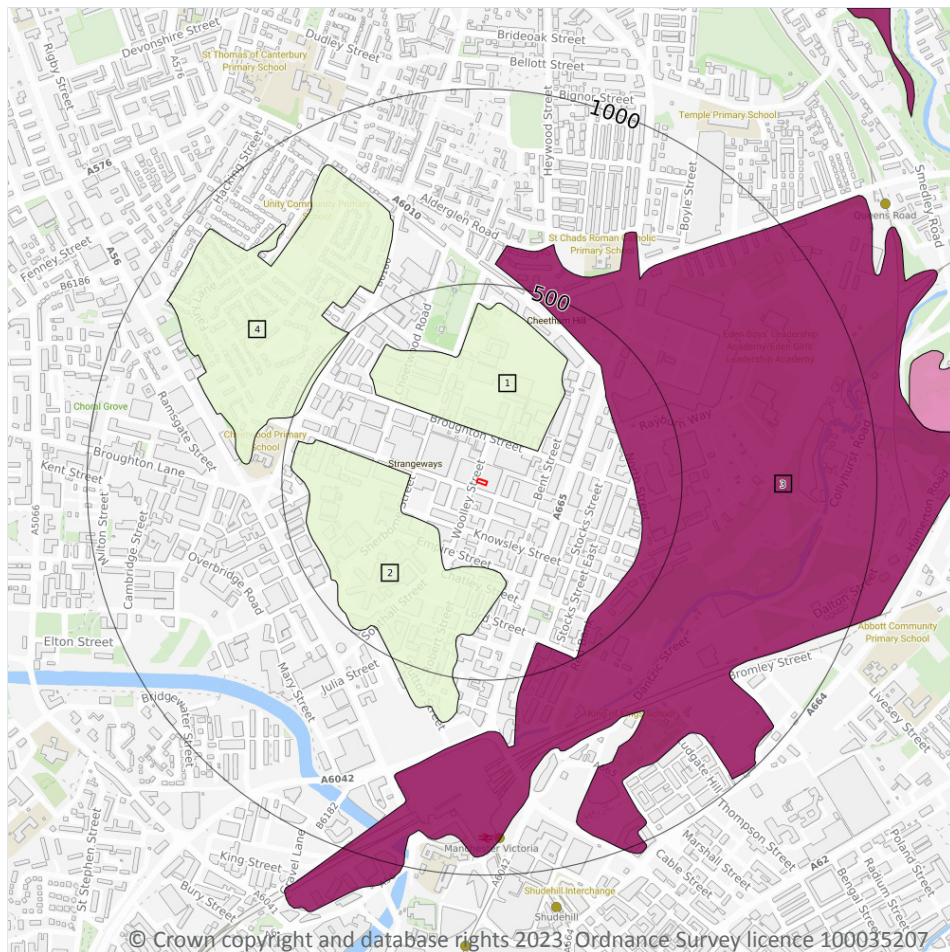
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 105**

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



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

15.2 Artificial and made ground (50k)

Records within 500m

4

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 106**

ID	Location	LEX Code	Description	Rock description
1	116m NE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
2	157m SW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
3	356m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
4	486m NW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT



This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

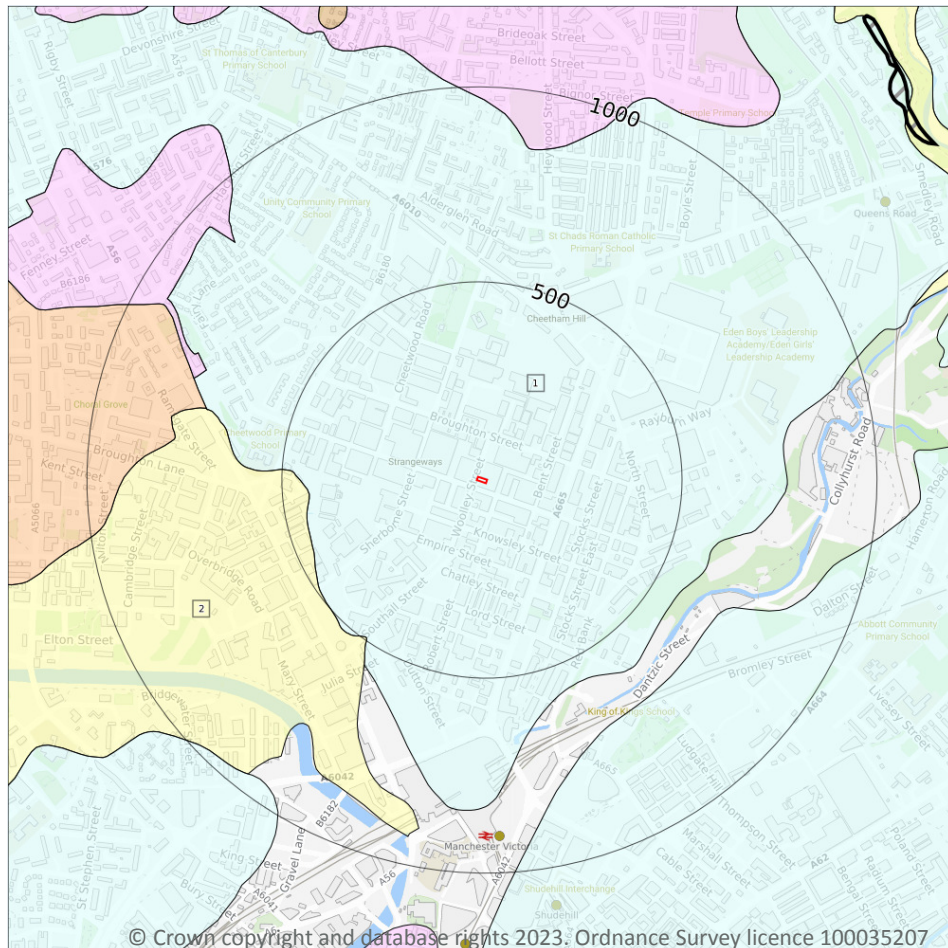
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

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 108**

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
2	431m W	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.



15.5 Superficial permeability (50k)

Records within 50m**1**

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

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m**0**

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

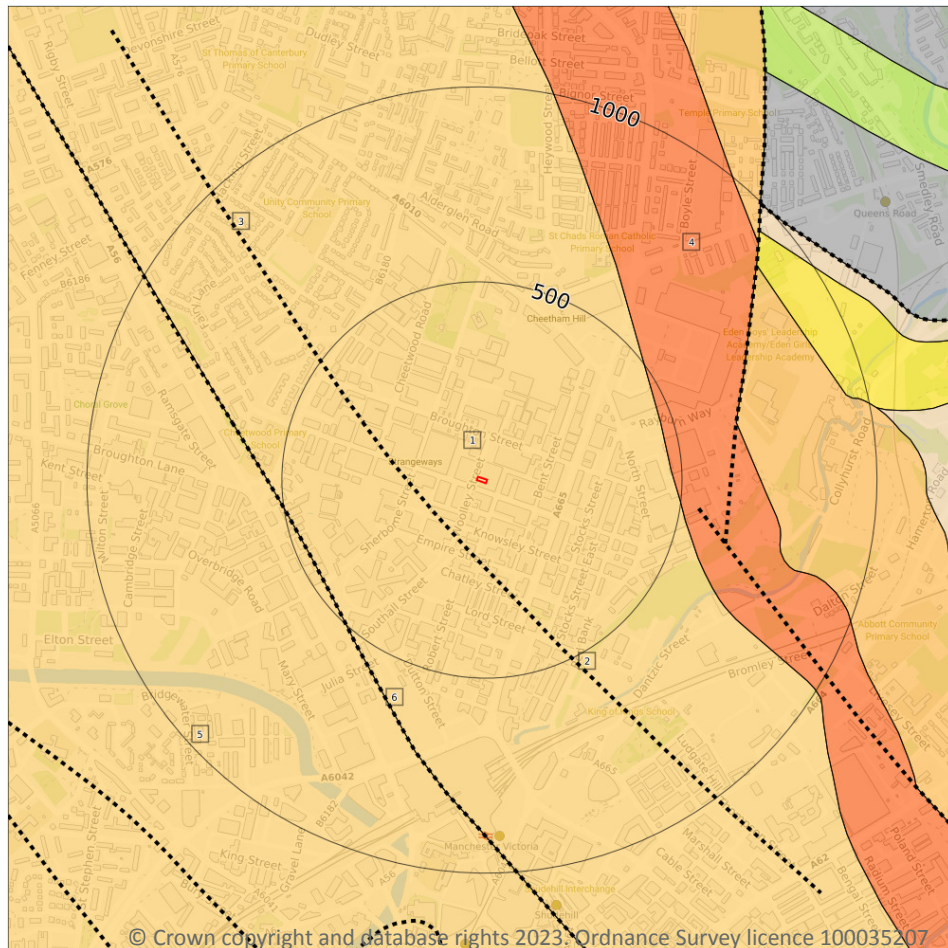
Records within 50m**0**

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

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

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

15.8 Bedrock geology (50k)

Records within 500m

3

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 110**

ID	Location	LEX Code	Description	Rock age
1	On site	CHES-SDST	CHESTER FORMATION - SANDSTONE	OLENEKIAN
4	466m E	MM-MDST	MANCHESTER MARLS FORMATION - MUDSTONE	-
5	468m SW	CHES-SDST	CHESTER FORMATION - SANDSTONE	OLENEKIAN

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m

1

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

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

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.

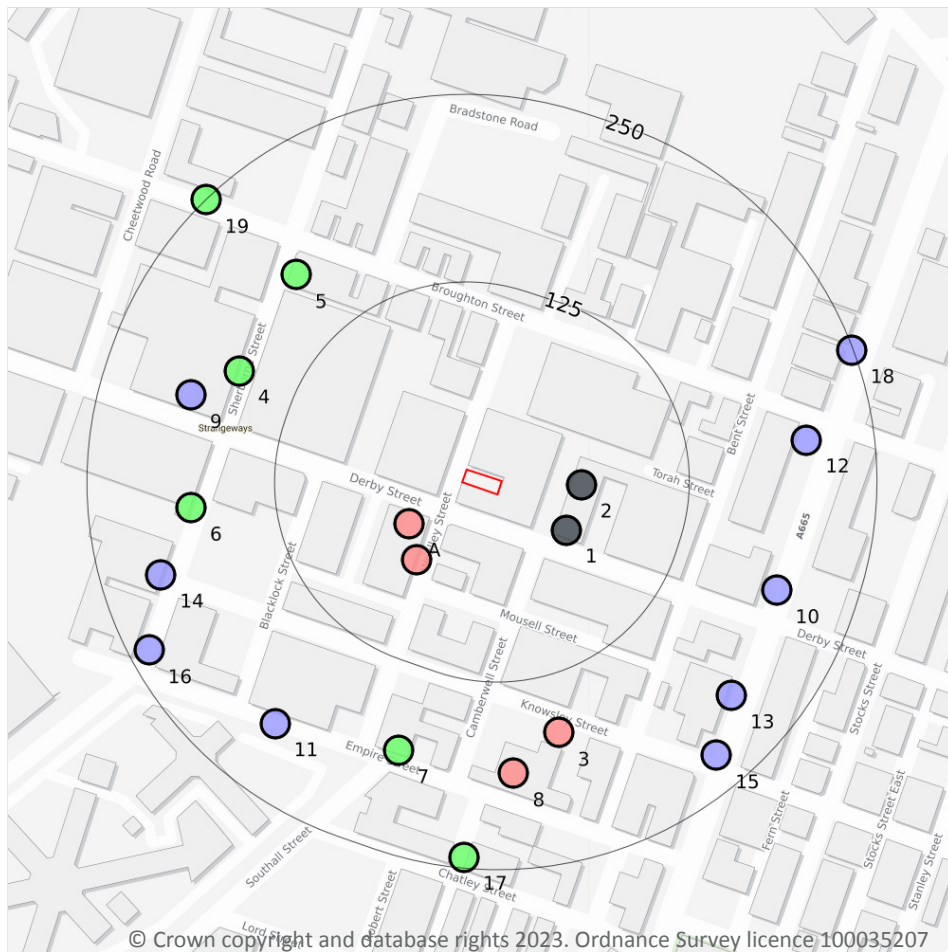
Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 110**

ID	Location	Category	Description
2	137m SW	FAULT	Fault, inferred
3	325m NW	FAULT	Fault, inferred
6	468m SW	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

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

16.1 BGS Boreholes

Records within 250m

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 112**

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	45m SW	383985 399824	LANCS HYGIENIC DAIRIES DERBY STREET	83.82	N	1042342
1	52m SE	384090 399820	DERBY STREET MANCHESTER 2	-	Y	N/A
2	53m E	384100 399850	DERBY STREET MANCHESTER 1	-	Y	N/A

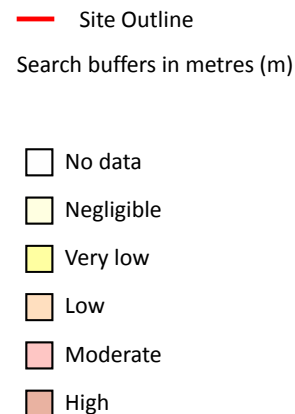
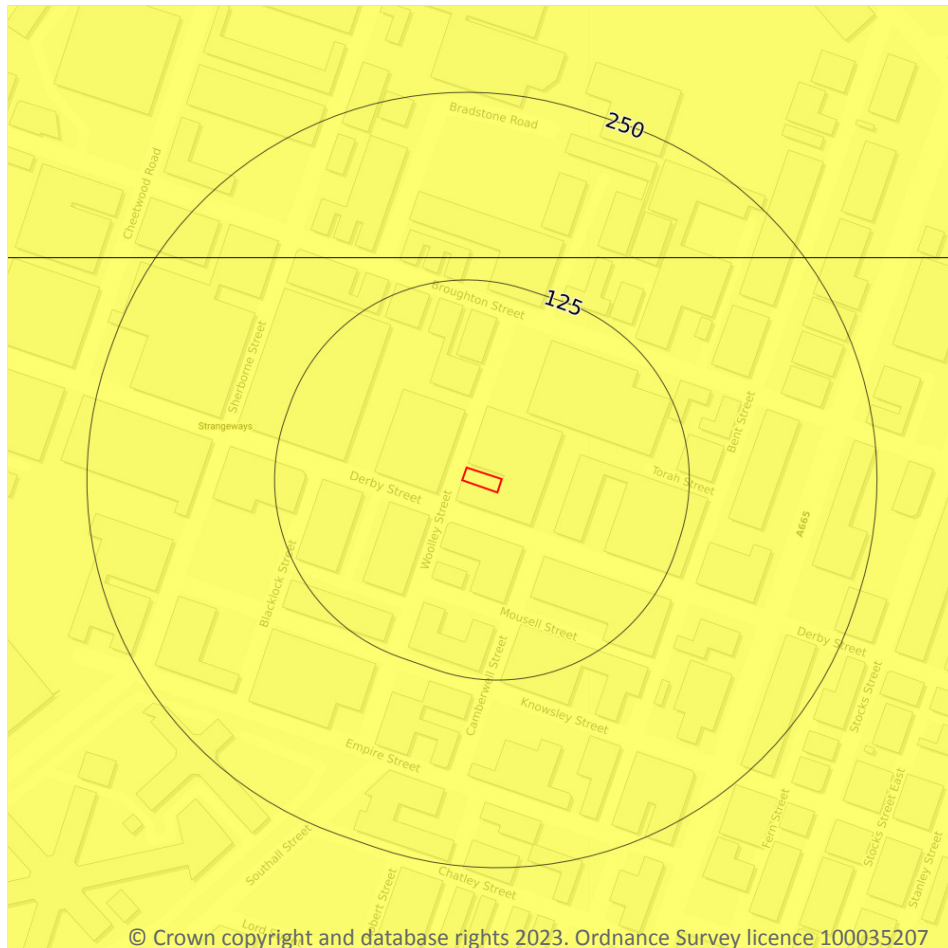


ID	Location	Grid reference	Name	Length	Confidential	Web link
A	60m SW	383990 399800	LANCS HYGIENIC DAIRIES DERBY STREET	67.05	N	1042341
3	164m S	384085 399685	THE BREWERY EMPIRE STREET CHEETHAM	81.0	N	20303252
4	165m NW	383872 399926	MANCHESTER CORP. H.SEWER	12.5	N	1042185
5	173m NW	383910 399990	MANCHESTER CORP. H.SEWER	13.72	N	1042184
6	182m W	383840 399835	MANCHESTER CORP. H.SEWER	10.36	N	1042186
7	183m S	383978 399673	MANCHESTER CORP. H.SEWER	10.36	N	1042189
8	186m S	384055 399658	HOLTS BREWERY EXCHANGE STREET	165.96	N	1042343
9	190m W	383840 399910	MANCHESTER G SEWER 17	4.85	N	1043670
10	197m E	384230 399780	CHEETHAM HILL ROAD SEWER REPLACEMENT 8	8.25	N	1045650
11	204m SW	383896 399691	MANCHESTER CORP. H.SEWER	9.14	N	1042188
12	205m E	384250 399880	CHEETHAM HILL ROAD SEWER REPLACEMENT 9	8.25	N	1045651
13	205m SE	384200 399710	CHEETHAM HILL ROAD SEWER REPLACEMENT 7	8.25	N	1045649
14	210m W	383820 399790	MANCHESTER G SEWER 15	4.7	N	1043669
15	227m SE	384190 399670	CHEETHAM HILL ROAD SEWER REPLACEMENT 6	8.25	N	1045648
16	237m SW	383812 399740	MANCHESTER CORP. H.SEWER	7.77	N	1042187
17	243m S	384022 399602	MANCHESTER CORP. H.SEWER	10.36	N	1042190
18	249m E	384280 399940	CHEETHAM HILL ROAD SEWER REPLACEMENT 10	8.25	N	1045652
19	250m NW	383850 400040	BROUGHTON STREET	12.04	N	28831

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



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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).

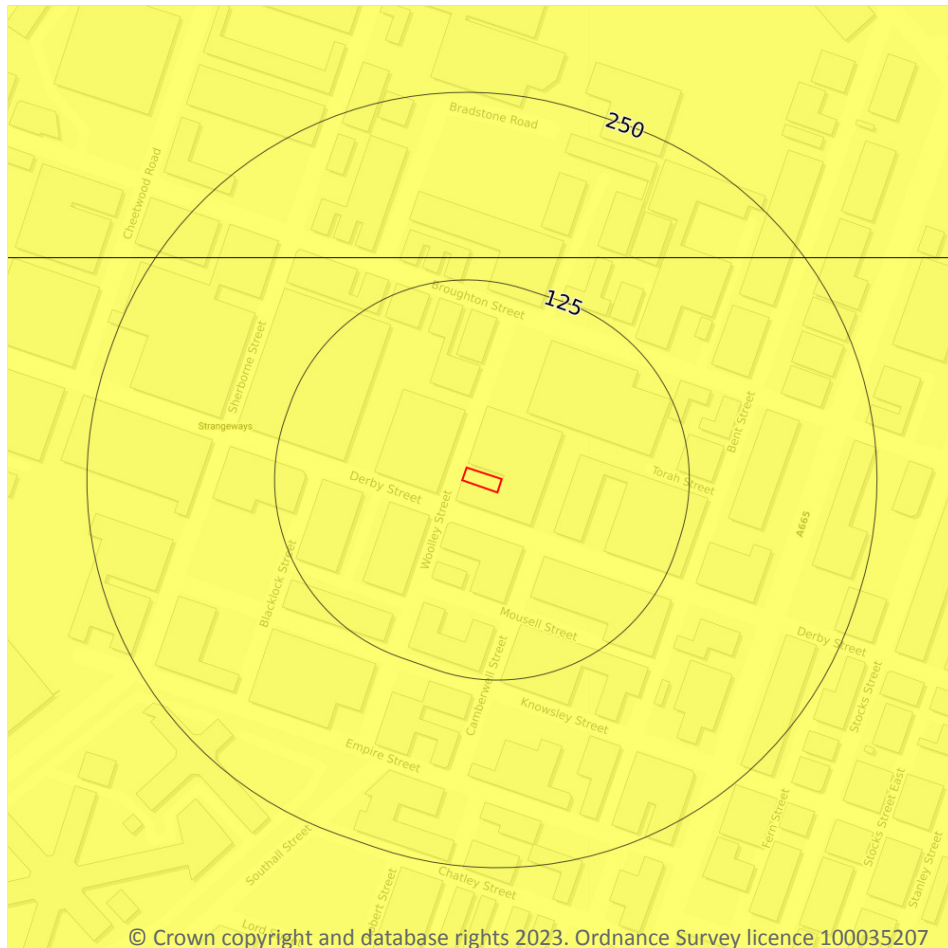
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 114**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

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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.

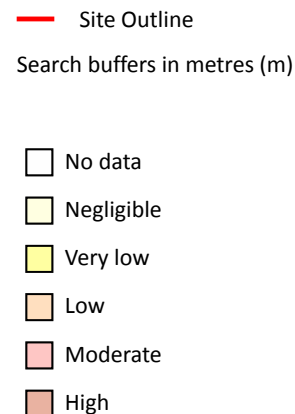
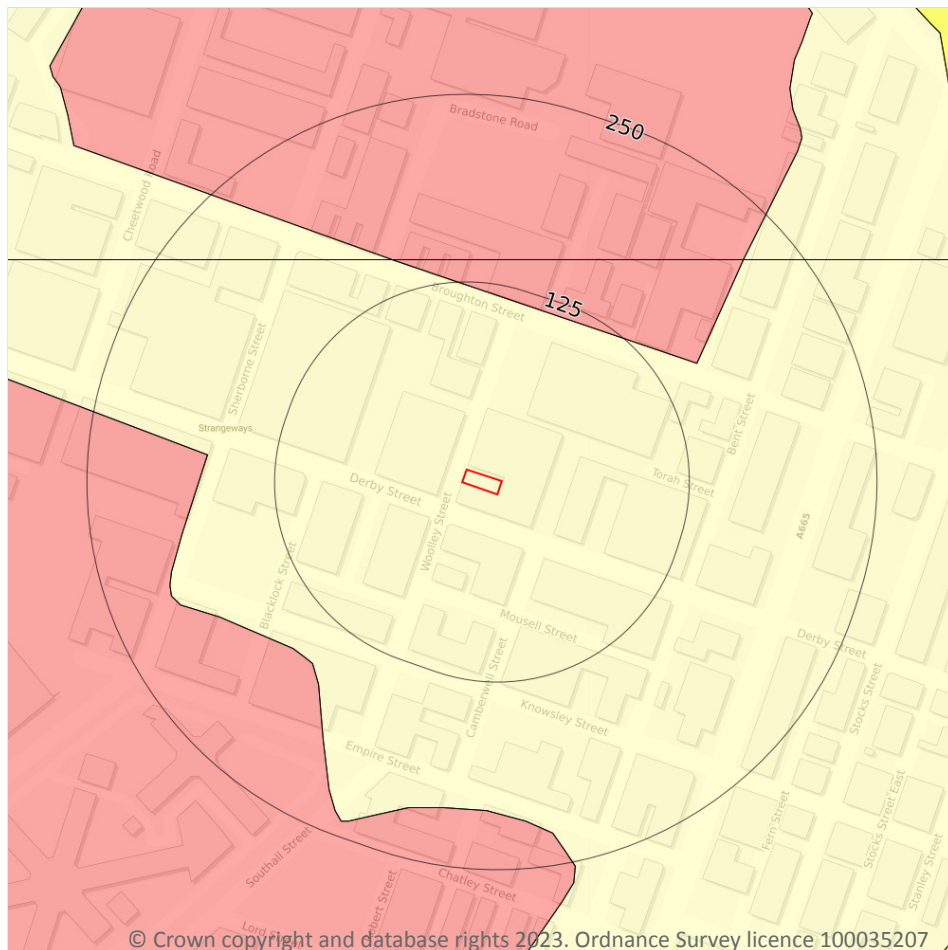
Features are displayed on the Natural ground subsidence - Running sands map on **page 115**

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



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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.

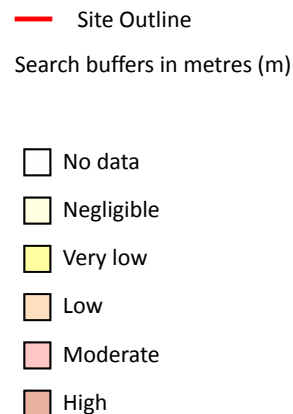
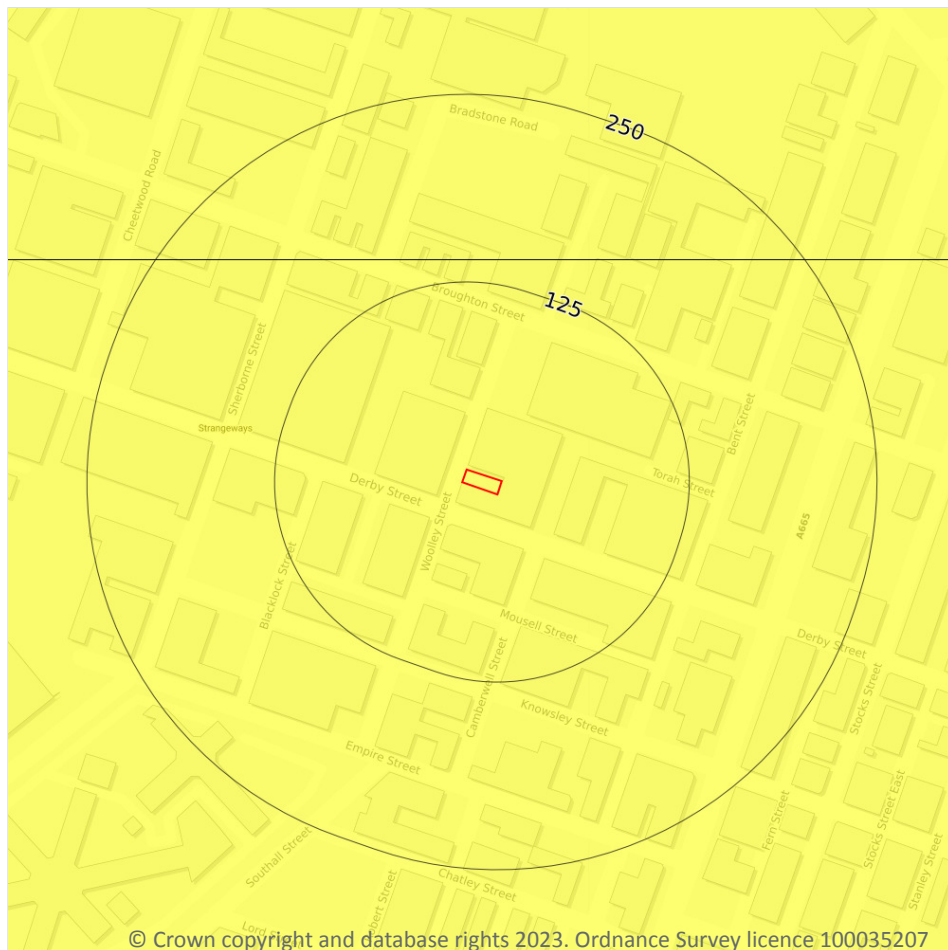
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 116**

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



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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.

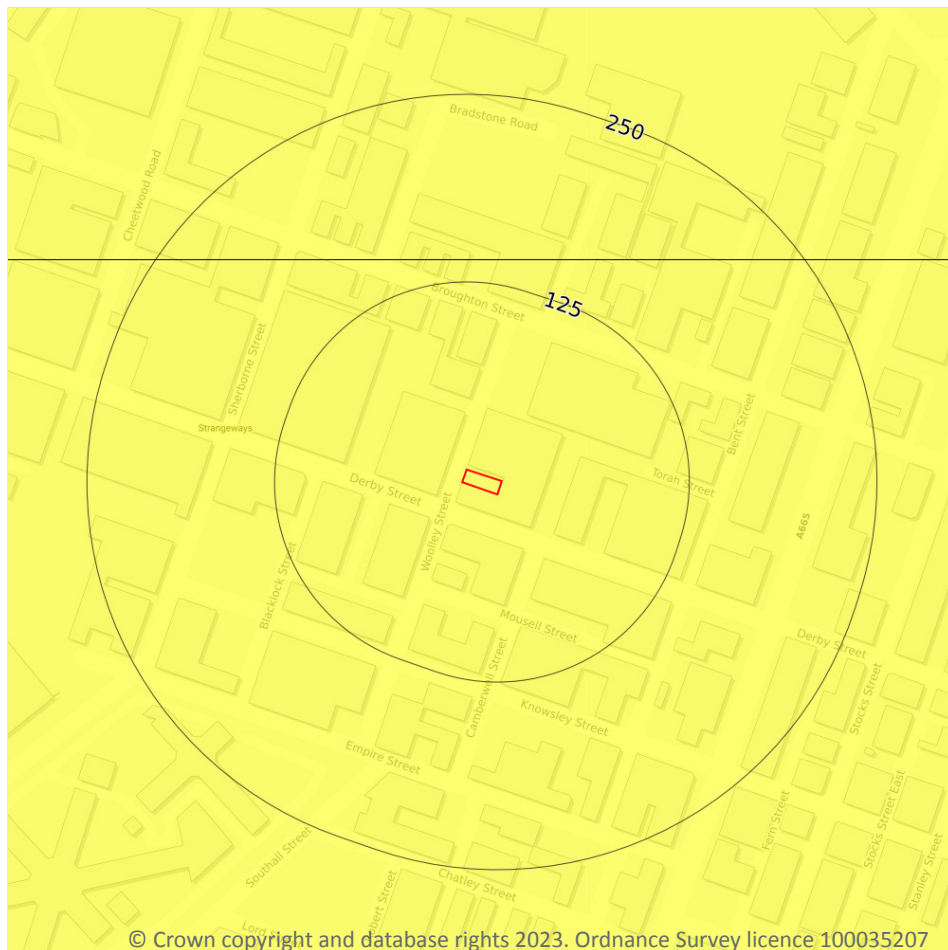
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 117**

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 118**

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 119**

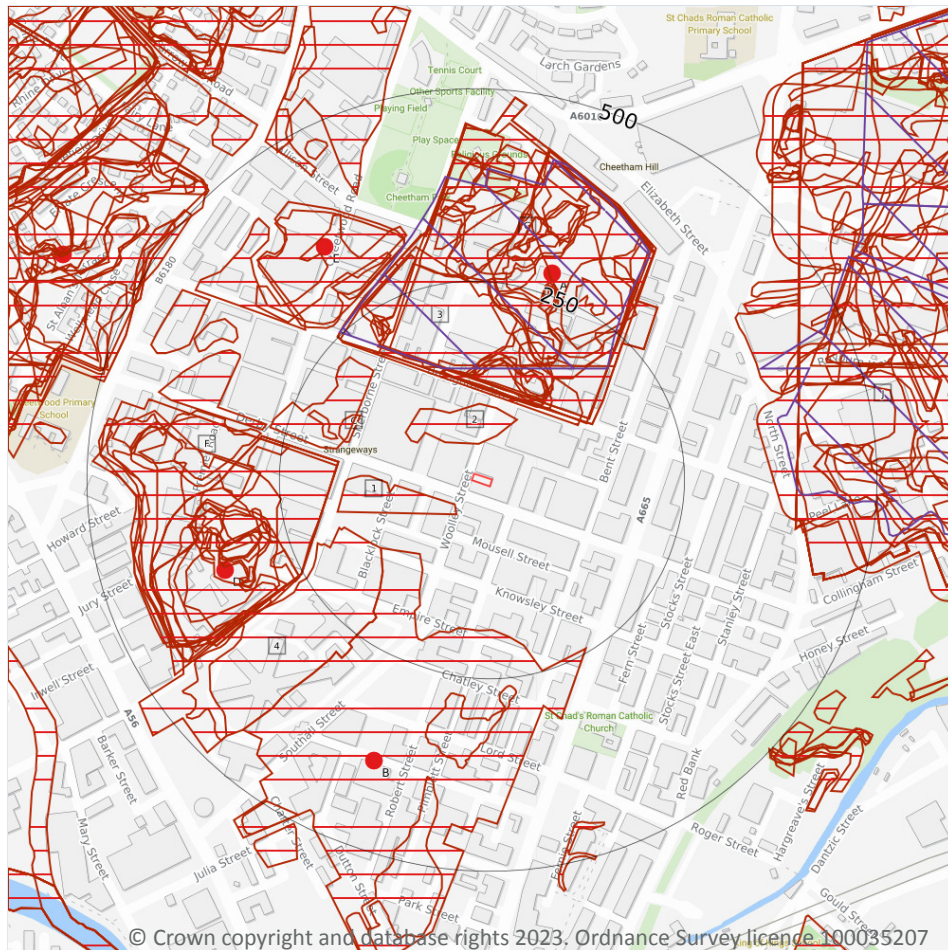
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



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 121**

ID	Location	Details	Description
A	278m N	Name: Broughton Street Brickworks Address: Strangeways, MANCHESTER, 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
D	341m W	Name: Sherborne Street Brickworks Address: Cheetham, MANCHESTER, 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
E	352m NW	Name: Broughton Street Brickworks Address: Cheetham, MANCHESTER, 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
B	386m S	Name: Strangeways Brick Field Address: Strangeways, MANCHESTER, 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

This data is sourced from the British Geological Survey.



18.3 Surface ground workings

Records within 250m

38

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 121**

ID	Location	Land Use	Year of mapping	Mapping scale
1	39m SW	Unspecified Pit	1894	1:10560
2	39m N	Unspecified Ground Workings	1894	1:10560
3	104m NE	Brick Works	1894	1:10560
A	108m NE	Unspecified Heap	1894	1:10560
A	109m NE	Brick Works	1916	1:10560
A	109m NE	Brick Works	1906	1:10560
A	110m N	Brick Works	1923	1:10560
A	110m N	Unspecified Ground Workings	1923	1:10560
A	113m NE	Unspecified Ground Workings	1906	1:10560
A	116m NE	Brick Works	1938	1:10560
A	117m NE	Brick Works	1931	1:10560
B	117m SW	Brick Field	1851	1:10560
A	118m NE	Unspecified Pit	1956	1:10560
A	119m NE	Unspecified Ground Workings	1938	1:10560
A	120m NE	Unspecified Ground Workings	1916	1:10560
A	124m NE	Unspecified Ground Workings	1931	1:10560
A	141m N	Brick Works	1956	1:10560
4	147m SW	Brick Field	1851	1:10560
A	152m N	Unspecified Pit	1956	1:10560
A	162m NE	Ponds	1923	1:10560
A	164m NE	Unspecified Ground Workings	1906	1:10560
C	166m NW	Unspecified Pit	1894	1:10560
A	170m NE	Ponds	1916	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
C	170m NW	Unspecified Pit	1906	1:10560
D	175m W	Unspecified Ground Workings	1916	1:10560
D	175m W	Brick Works	1916	1:10560
D	175m W	Brick Works	1906	1:10560
D	176m W	Brick Works	1923	1:10560
C	183m W	Unspecified Ground Workings	1894	1:10560
A	188m NE	Unspecified Ground Workings	1956	1:10560
A	202m NE	Unspecified Pits	1894	1:10560
E	210m NW	Unspecified Heap	1923	1:10560
E	212m NW	Unspecified Pit	1894	1:10560
E	217m NW	Unspecified Heap	1916	1:10560
A	227m N	Unspecified Pit	1894	1:10560
F	242m W	Unspecified Pit	1923	1:10560
G	248m N	Unspecified Pit	1923	1:10560
D	249m W	Unspecified Ground Workings	1931	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

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

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

2

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.

Features are displayed on the Mining, ground workings and natural cavities map on **page 121**



ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
A	137m N	Broughton Street	Clay, bricks	Surface mineral working	Valid	13/1/48,14/10/47
J	378m E	North Street	Clay, bricks	Surface mineral working	Valid	14/10/47

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

1

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

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

This data is sourced from Johnson Poole and Bloomer.



18.9 Coal mining

Records on site	1
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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

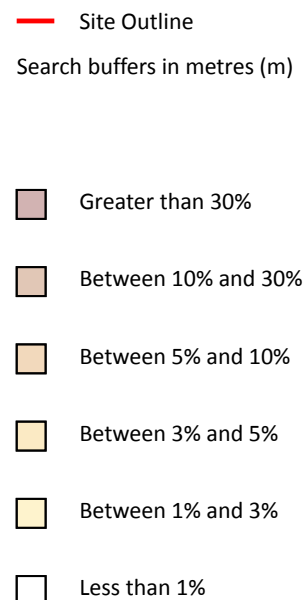
Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

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 127**

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



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



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

3

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 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	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
21m W	15 - 25 mg/kg	No data	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
21m W	15 - 25 mg/kg	No data	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

5

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).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	17	3	178	122	3.7	94	83	38	9
21m W	17	3	104	71	0.5	83	39	32	7
40m N	17	3	179	123	3.6	93	80	37	8
44m S	17	3	180	124	3.5	91	78	36	8



Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
46m NW	17	3	88	60	0.5	84	36	32	7

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

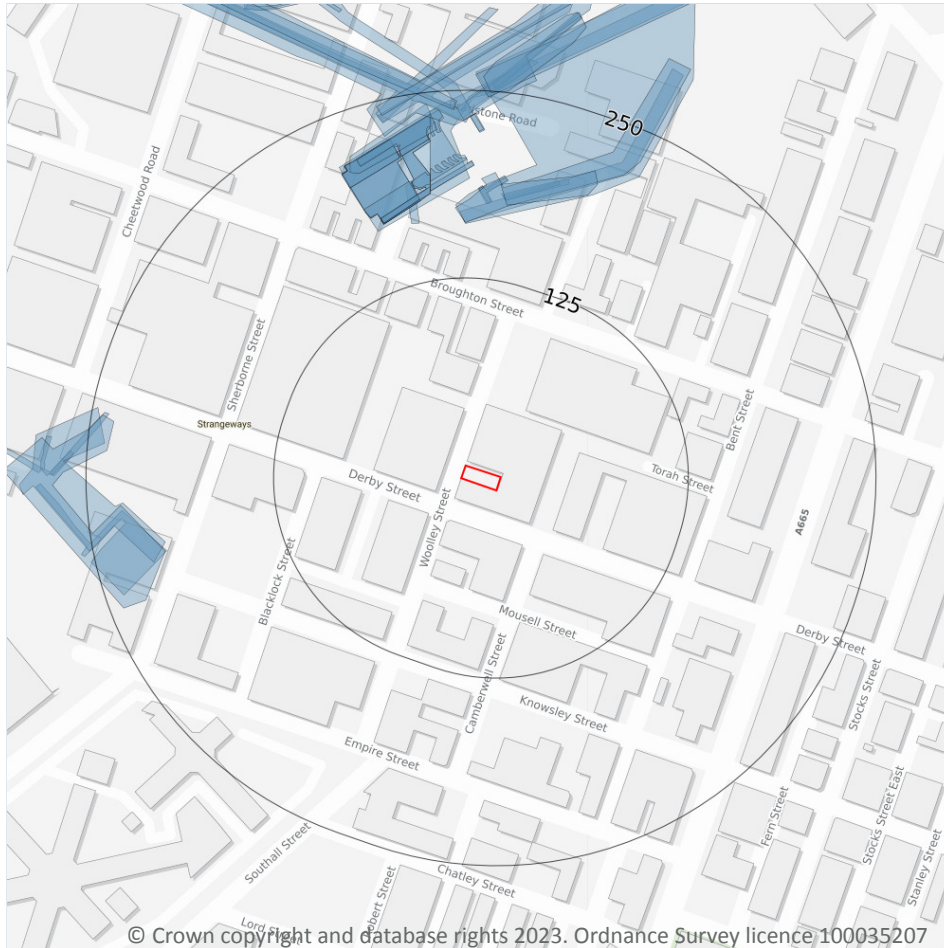
0

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

38

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 131**

Location	Land Use	Year of mapping	Mapping scale
161m N	Tramway Sidings	1931	10560
162m N	Tramway Sidings	1938	10560
162m N	Tramway Sidings	1933	2500
165m N	Railway Sidings	1922	2500
167m NW	Tramway Sidings	1933	2500
170m N	Railway Sidings	1951	1250
170m N	Railway Sidings	1958	1250
170m N	Tramways Sidings	1951	1250
170m N	Tramways Sidings	1958	1250
170m N	Railway Sidings	1951	2500
170m N	Tramway Sidings	1951	2500
175m N	Railway Sidings	1949	2500
175m N	Railway Sidings	1949	1250
176m N	Railway Sidings	1956	10560
179m N	Tramway Sidings	1949	1250
179m N	Tramway Sidings	1949	2500
184m N	Tramway Sidings	1949	2500



Location	Land Use	Year of mapping	Mapping scale
184m N	Tramway Sidings	1949	1250
188m N	Tramway Sidings	1951	2500
191m N	Tramway Sidings	1949	1250
200m NW	Railway Sidings	1951	2500
202m W	Railway Sidings	1916	10560
202m W	Railway Sidings	1922	2500
203m W	Railway Sidings	1923	10560
207m N	Railway Sidings	1956	10560
210m N	Tramway Sidings	1951	2500
220m N	Tramway Sidings	1949	1250
222m N	Railway Sidings	1949	2500
223m N	Railway Sidings	1949	1250
226m N	Railway Sidings	1923	10560
229m N	Railway Sidings	1908	2500
230m N	Tramway Sidings	1922	2500
230m N	Tramway Sidings	1893	2500
237m N	Railway Sidings	1916	10560
239m W	Railway Sidings	1922	2500
240m N	Railway Sidings	1916	10560
246m N	Tramway Sidings	1938	10560
249m N	Railway Sidings	1956	10560

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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