

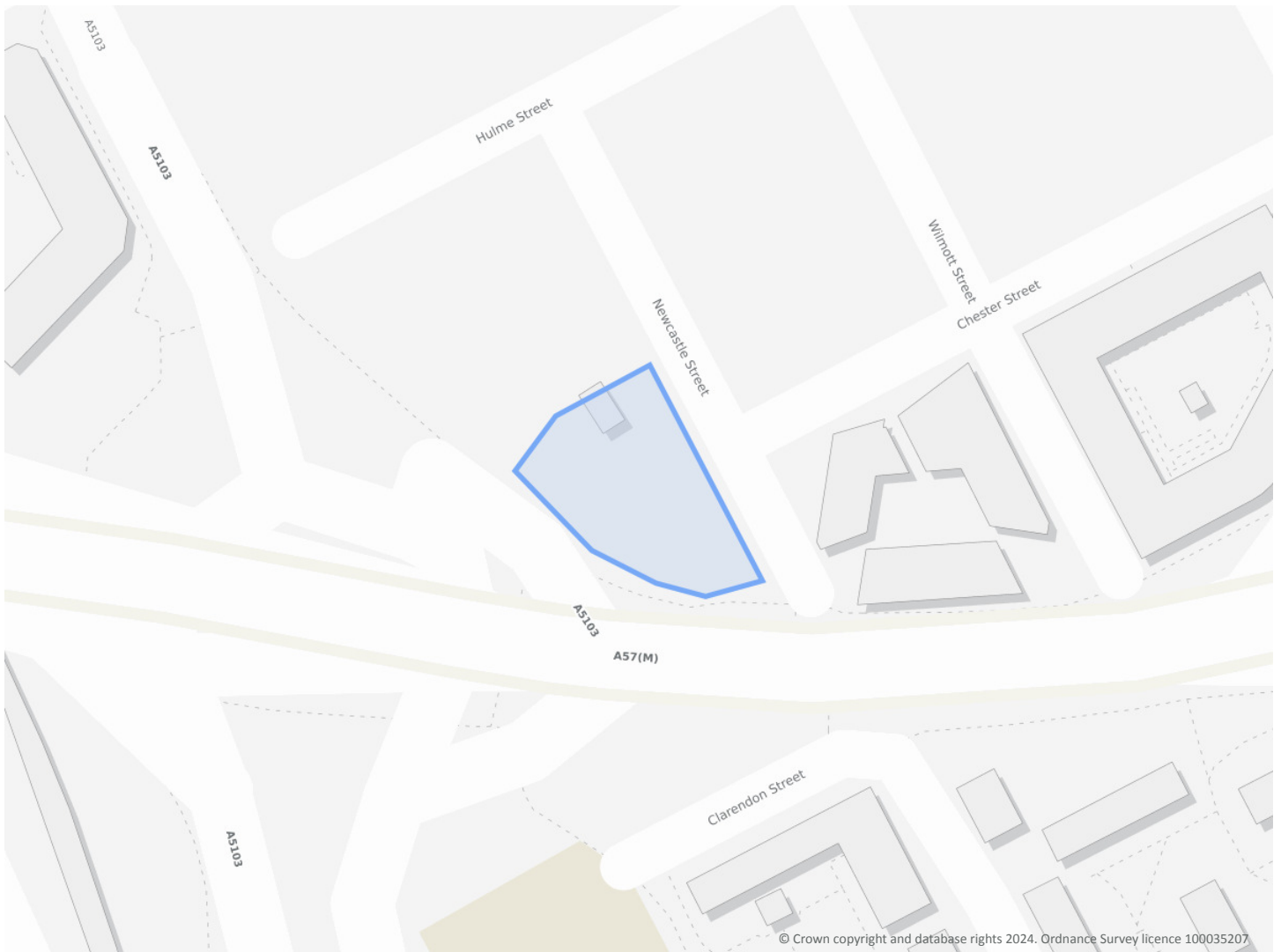
Block C, First Street, Manchester, M1 5GF

Order Details

Date: 12/01/2024
Your ref: EMS_917745_1137632
Our Ref: EMS-917745_1169794

Site Details

Location: 383809 397129
Area: 0.18 ha
Authority: [Manchester City Council](#) ↗



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Summary of findings

[p. 2 >](#) **Aerial image**

[p. 9 >](#)

OS MasterMap site plan

[p.14 >](#) 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
15 >	1.1 >	Historical industrial land uses >	0	0	43	65	-
20 >	1.2 >	Historical tanks >	0	0	58	37	-
23 >	1.3 >	Historical energy features >	0	0	28	13	-
25	1.4	Historical petrol stations	0	0	0	0	-
25 >	1.5 >	Historical garages >	0	0	0	17	-
26	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
27 >	2.1 >	Historical industrial land uses >	0	0	71	102	-
34 >	2.2 >	Historical tanks >	0	0	121	65	-
41 >	2.3 >	Historical energy features >	0	0	41	42	-
44	2.4	Historical petrol stations	0	0	0	0	-
44 >	2.5 >	Historical garages >	0	0	0	45	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
47	3.1	Active or recent landfill	0	0	0	0	-
47	3.2	Historical landfill (BGS records)	0	0	0	0	-
48	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
48	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
48 >	3.5 >	Historical waste sites >	0	0	1	11	-
50 >	3.6 >	Licensed waste sites >	0	0	0	1	-
50 >	3.7 >	Waste exemptions >	0	0	0	33	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
54 >	4.1 >	Recent industrial land uses >	0	0	12	-	-
55 >	4.2 >	Current or recent petrol stations >	0	0	0	1	-
55	4.3	Electricity cables	0	0	0	0	-
56	4.4	Gas pipelines	0	0	0	0	-
56	4.5	Sites determined as Contaminated Land	0	0	0	0	-



56	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
56	4.7	Regulated explosive sites	0	0	0	0	-
56	4.8	Hazardous substance storage/usage	0	0	0	0	-
57	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
57	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
57 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	2	1	-
58 >	4.12 >	Radioactive Substance Authorisations >	0	0	0	6	-
59 >	4.13 >	Licensed Discharges to controlled waters >	0	0	6	24	-
63	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
63	4.15	Pollutant release to public sewer	0	0	0	0	-
63	4.16	List 1 Dangerous Substances	0	0	0	0	-
64	4.17	List 2 Dangerous Substances	0	0	0	0	-
64 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	0	1	-
64	4.19	Pollution inventory substances	0	0	0	0	-
64	4.20	Pollution inventory waste transfers	0	0	0	0	-
65	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
66 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
68 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
70 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
71	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
71	5.5	Groundwater vulnerability- local information	None (within 0m)				
72 >	5.6 >	Groundwater abstractions >	0	0	0	4	40
83 >	5.7 >	Surface water abstractions >	0	0	0	0	2
84	5.8	Potable abstractions	0	0	0	0	0
84 >	5.9 >	Source Protection Zones >	1	0	0	0	-
85	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
86	6.1	Water Network (OS MasterMap)	0	0	0	-	-



86 >	6.2 >	Surface water features >	0	0	1	-	-
87 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
87 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
88 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
89	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
89	7.2	Historical Flood Events	0	0	0	-	-
89	7.3	Flood Defences	0	0	0	-	-
90	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
90	7.5	Flood Storage Areas	0	0	0	-	-
91	7.6	Flood Zone 2	None (within 50m)				
91	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
92 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
94 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
95	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
95	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
95	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
95	10.4	Special Protection Areas (SPA)	0	0	0	0	0
96	10.5	National Nature Reserves (NNR)	0	0	0	0	0
96	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
96	10.7	Designated Ancient Woodland	0	0	0	0	0
96	10.8	Biosphere Reserves	0	0	0	0	0
97	10.9	Forest Parks	0	0	0	0	0
97	10.10	Marine Conservation Zones	0	0	0	0	0
97	10.11	Green Belt	0	0	0	0	0
97	10.12	Proposed Ramsar sites	0	0	0	0	0



97	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
98	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
98	10.15	Nitrate Sensitive Areas	0	0	0	0	0
98 >	10.16 >	Nitrate Vulnerable Zones >	0	0	0	0	3
99 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
100	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
101	11.1	World Heritage Sites	0	0	0	-	-
102	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
102	11.3	National Parks	0	0	0	-	-
102 >	11.4 >	Listed Buildings >	0	0	5	-	-
103	11.5	Conservation Areas	0	0	0	-	-
103	11.6	Scheduled Ancient Monuments	0	0	0	-	-
103	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
104 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
105	12.2	Open Access Land	0	0	0	-	-
105	12.3	Tree Felling Licences	0	0	0	-	-
105	12.4	Environmental Stewardship Schemes	0	0	0	-	-
105	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
106	13.1	Priority Habitat Inventory	0	0	0	-	-
106	13.2	Habitat Networks	0	0	0	-	-
107 >	13.3 >	Open Mosaic Habitat >	0	0	1	-	-
107	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
108 >	14.1 >	10k Availability >	Identified (within 500m)				
109 >	14.2 >	Artificial and made ground (10k) >	0	0	3	0	-
110 >	14.3 >	Superficial geology (10k) >	1	1	1	1	-

111	14.4	Landslip (10k)	0	0	0	0	-
112 >	14.5 >	Bedrock geology (10k) >	1	0	0	1	-
113 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	1	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
114 >	15.1 >	50k Availability >	Identified (within 500m)				
115 >	15.2 >	Artificial and made ground (50k) >	0	0	1	0	-
116	15.3	Artificial ground permeability (50k)	0	0	-	-	-
117 >	15.4 >	Superficial geology (50k) >	1	1	1	1	-
118 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
118	15.6	Landslip (50k)	0	0	0	0	-
118	15.7	Landslip permeability (50k)	None (within 50m)				
119 >	15.8 >	Bedrock geology (50k) >	1	0	0	1	-
120 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
120 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	1	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
121 >	16.1 >	BGS Boreholes >	0	3	31	-	-
Page	Section	Natural ground subsidence >					
124 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
125 >	17.2 >	Running sands >	Very low (within 50m)				
126 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
127 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
128 >	17.5 >	Landslides >	Very low (within 50m)				
129 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
131	18.1	BritPits	0	0	0	0	-
132 >	18.2 >	Surface ground workings >	0	0	1	-	-
132	18.3	Underground workings	0	0	0	0	0
132	18.4	Underground mining extents	0	0	0	0	-
132	18.5	Historical Mineral Planning Areas	0	0	0	0	-

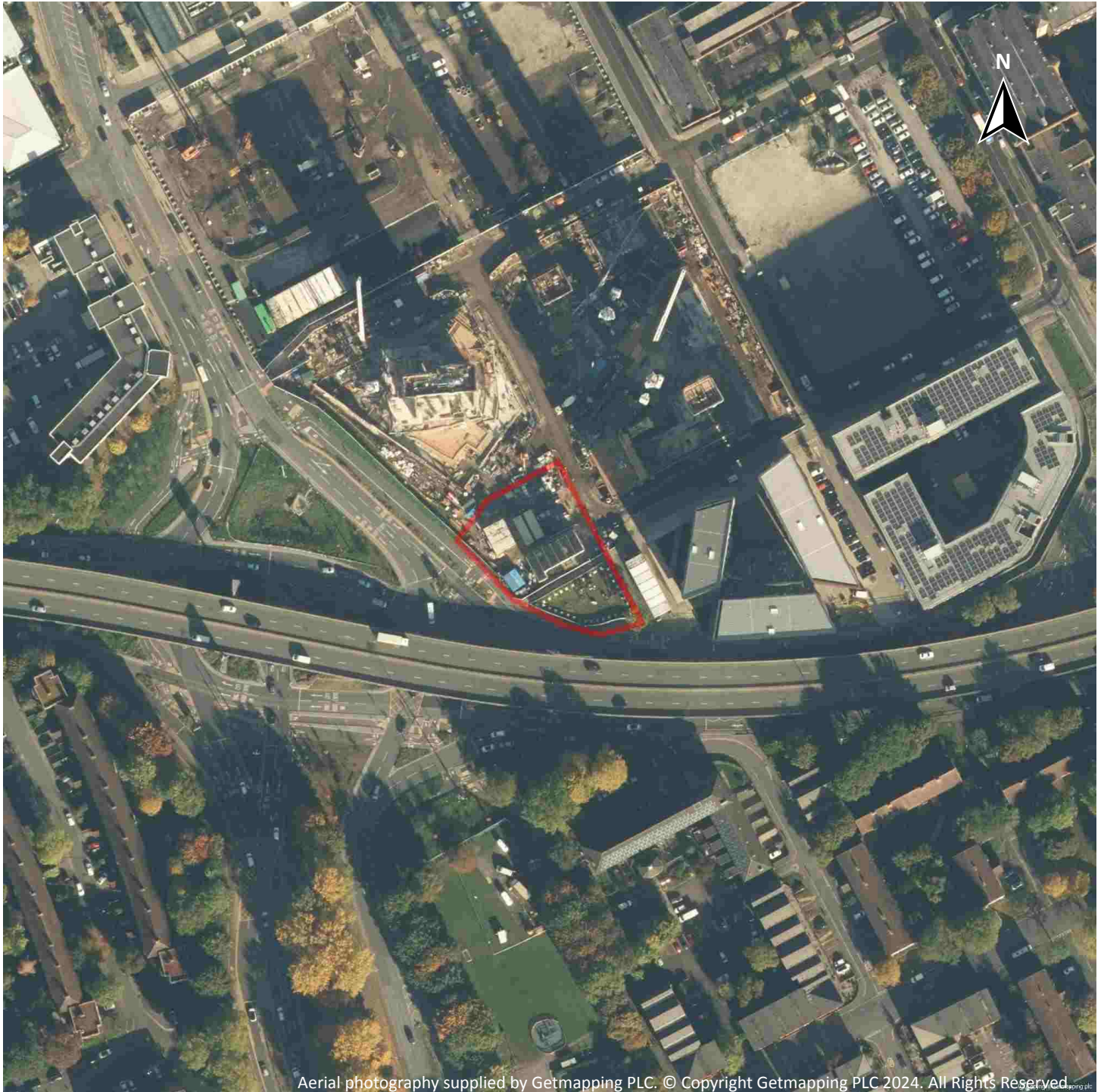


133	18.6	Non-coal mining	0	0	0	0	0
133 >	18.7 >	JPB mining areas >	Identified (within 0m)				
133	18.8	The Coal Authority non-coal mining	0	0	0	0	-
133	18.9	Researched mining	0	0	0	0	-
134	18.10	Mining record office plans	0	0	0	0	-
134	18.11	BGS mine plans	0	0	0	0	-
134 >	18.12 >	Coal mining >	Identified (within 0m)				
134	18.13	Brine areas	None (within 0m)				
135	18.14	Gypsum areas	None (within 0m)				
135	18.15	Tin mining	None (within 0m)				
135	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
136	19.1	Natural cavities	0	0	0	0	-
136	19.2	Mining cavities	0	0	0	0	0
136	19.3	Reported recent incidents	0	0	0	0	-
136	19.4	Historical incidents	0	0	0	0	-
137	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
138 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
140 >	21.1 >	BGS Estimated Background Soil Chemistry >	1	0	-	-	-
140 >	21.2 >	BGS Estimated Urban Soil Chemistry >	2	4	-	-	-
141 >	21.3 >	BGS Measured Urban Soil Chemistry >	0	1	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
142	22.1	Underground railways (London)	0	0	0	-	-
142	22.2	Underground railways (Non-London)	0	0	0	-	-
142	22.3	Railway tunnels	0	0	0	-	-
142	22.4	Historical railway and tunnel features	0	0	0	-	-
142	22.5	Royal Mail tunnels	0	0	0	-	-



143	22.6	Historical railways	0	0	0	-	-
143	22.7	Railways	0	0	0	-	-
143	22.8	Crossrail 1	0	0	0	0	-
143	22.9	Crossrail 2	0	0	0	0	-
143	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 18/10/2022

Site Area: 0.18ha



Recent site history - 2019 aerial photograph



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Capture Date: 22/04/2019

Site Area: 0.18ha



Recent site history - 2015 aerial photograph



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Capture Date: 11/06/2015

Site Area: 0.18ha



Recent site history - 2009 aerial photograph



Capture Date: 02/06/2009

Site Area: 0.18ha



Recent site history - 2000 aerial photograph

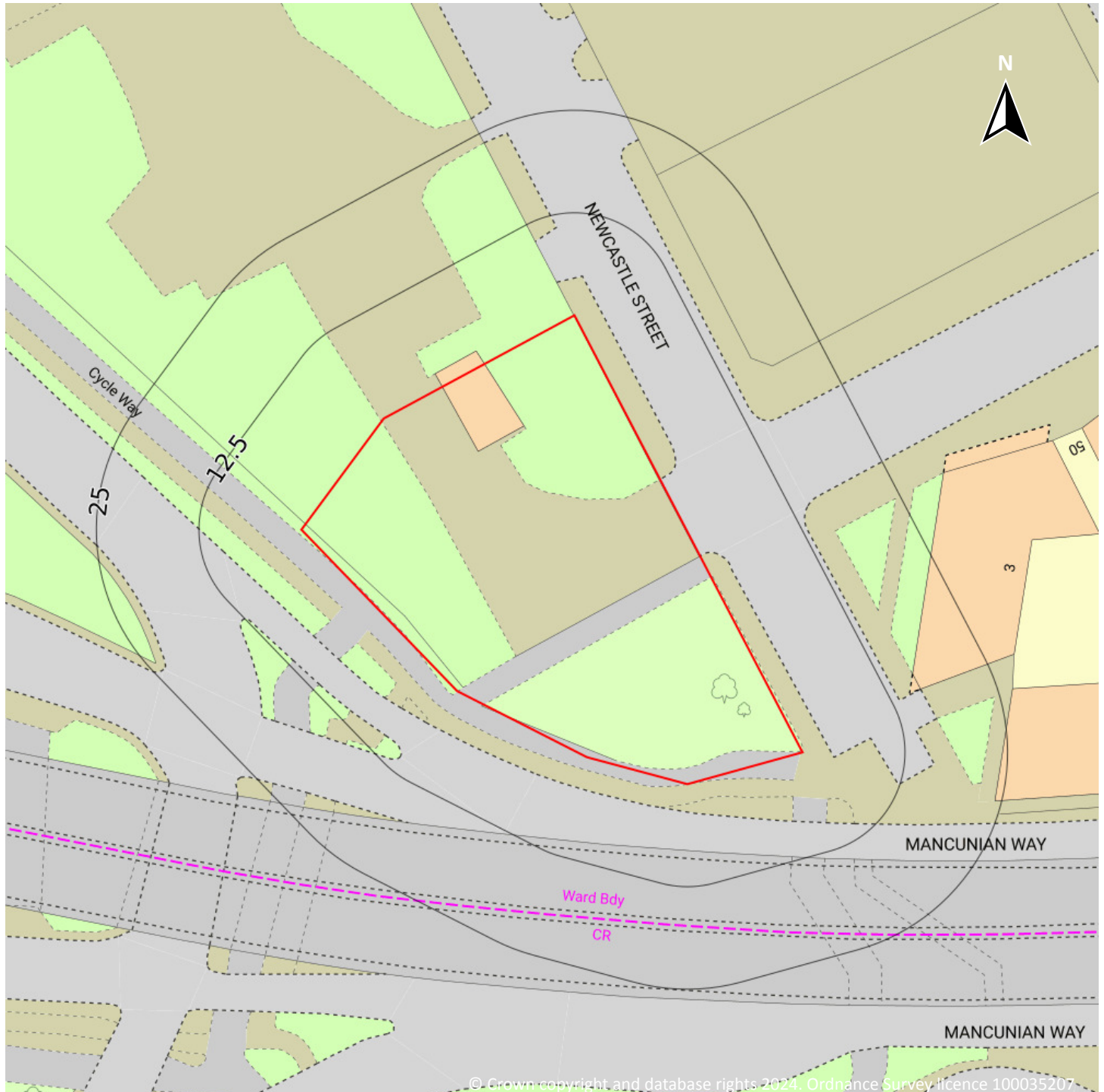


Capture Date: 27/06/2000

Site Area: 0.18ha



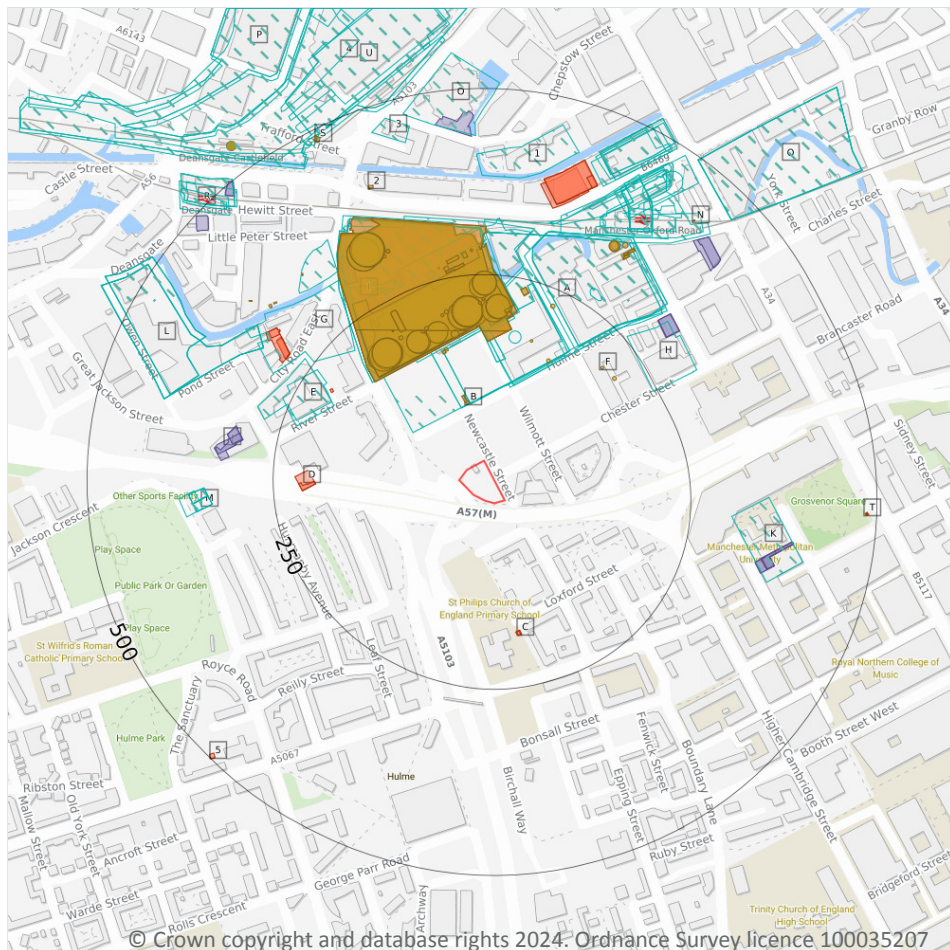
OS MasterMap site plan



Site Area: 0.18ha



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

108

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

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

ID	Location	Land use	Dates present	Group ID
A	77m N	Rubber Works	1923 - 1938	926915



ID	Location	Land use	Dates present	Group ID
A	77m N	Unspecified Commercial/Industrial	1905	944072
A	77m N	Rubber Works	1956	849382
A	78m N	Unspecified Works	1978	865006
A	78m N	Unspecified Works	1985 - 1994	927569
A	109m N	Rubber Works	1916	915281
A	110m N	Unspecified Commercial/Industrial	1851 - 1896	849974
A	163m N	Unspecified Tank	1851	825246
A	163m NW	Unspecified Commercial/Industrial	1932 - 1938	872530
A	163m NW	Gas Works	1905 - 1923	927583
A	163m NW	Unspecified Tanks	1896	952761
A	164m N	Gas Works	1985	894760
A	164m N	Gas Works	1978	953907
A	165m NW	Gasometer	1905 - 1923	967050
A	165m NW	Unspecified Tank	1932 - 1938	989404
A	166m N	Unspecified Works	1971	976313
A	166m NW	Gasometer	1978	910445
A	166m NW	Unspecified Tank	1971	973500
A	167m N	Unspecified Tank	1932 - 1938	864386
A	167m N	Gasometer	1905 - 1923	911162
A	168m NW	Unspecified Tanks	1956	927953
A	168m NW	Unspecified Commercial/Industrial	1956	976686
A	168m NW	Unspecified Tank	1932 - 1938	939747
A	168m NW	Gasometer	1905 - 1923	964160
A	175m N	Gasometer	1905 - 1923	856404
A	175m N	Unspecified Tank	1932 - 1938	943763
A	179m N	Gasometer	1978	909770
A	179m N	Gasometer	1985	937412
A	179m N	Unspecified Tank	1971	953873



ID	Location	Land use	Dates present	Group ID
A	184m N	Unspecified Tanks	1956	991069
A	187m N	Gasometer	1905 - 1923	889070
A	187m N	Unspecified Tank	1932 - 1938	961454
A	188m N	Unspecified Tank	1851	987864
A	193m NE	Unspecified Commercial/Industrial	1896	857423
E	196m NW	Glass Works	1851	797987
A	200m NE	Unspecified Works	1985 - 1994	862878
A	200m NE	Unspecified Works	1978	976366
E	201m NW	Unspecified Works	1971	830421
A	216m N	Unspecified Tank	1932 - 1938	893786
A	216m N	Gasometer	1905 - 1923	961140
G	220m NW	Brewery	1851	822706
A	245m NW	Unspecified Works	1978	921026
H	245m NE	Unspecified Mills	1916 - 1923	874195
A	254m N	Unspecified Tank	1851	825228
A	259m N	Unspecified Tank	1851	825227
I	262m NW	Railway Sidings	1896	794671
A	264m NE	Unspecified Tanks	1851	815405
I	297m NW	Unspecified Tank	1896	890603
I	301m NW	Unspecified Tank	1971	856760
I	301m NW	Unspecified Tank	1978 - 1985	858491
I	302m NW	Gasometer	1905 - 1923	885805
I	302m NW	Unspecified Tank	1932 - 1938	946195
I	303m NW	Unspecified Tank	1956	940796
K	306m E	Hospital	1971	834385
A	307m N	Railway Sidings	1905 - 1938	864885
L	317m NW	Unspecified Commercial/Industrial	1923	846058
L	317m NW	Unspecified Mill	1932 - 1938	877197



ID	Location	Land use	Dates present	Group ID
L	317m NW	Unspecified Commercial/Industrial	1905	896875
L	317m NW	Unspecified Mill	1916	904261
I	317m NW	Cotton Mill	1851	797881
A	323m N	Railway Sidings	1985 - 1994	928139
A	332m N	Railway Sidings	1896	989778
A	333m NE	Unspecified Tank	1896	825247
M	333m W	Fire Station	1978	845320
M	333m W	Fire Station	1985	871241
M	333m W	Fire Station	1971	964050
M	338m W	Police Station	1971	857014
M	338m W	Police Station	1985	942388
M	338m W	Police Station	1978	959949
A	339m NE	Railway Station	1905 - 1938	962635
M	347m W	Fire Station	1938	891974
A	347m NE	Railway Station	1896	887032
A	350m NE	Railway Station	1956	923967
A	365m NE	Railway Station	1971	960776
A	365m NE	Railway Station	1985	962611
A	365m NE	Railway Station	1978	981767
A	368m NE	Railway Station	1988 - 1994	912150
L	377m W	Automobile Works	1956	813191
L	377m W	Unspecified Works	1978	940175
L	377m W	Unspecified Works	1971	948531
A	379m NE	Gas Works	1851	802208
1	382m N	Corporation Yard	1905 - 1938	920120
A	402m N	Hospital	1923	848326
A	411m NE	Railway Building	1956	820261
A	414m NE	Tanks	1851	832185

ID	Location	Land use	Dates present	Group ID
A	415m NE	Hospital	1932 - 1938	949847
A	416m NE	Hospital	1916	938342
A	418m NE	Coal Wharf	1851	794097
A	420m NE	Hospital	1956 - 1971	915521
A	420m NE	Hospital	1978	957282
O	437m N	Cotton Mills	1851	811452
3	440m N	Bus Station	1978	842916
P	460m NW	Railway Sidings	1923	923309
Q	464m NE	Unspecified Mills	1916	861845
Q	464m NE	Unspecified Commercial/Industrial	1923	874542
Q	464m NE	Unspecified Commercial/Industrial	1905	968335
Q	464m NE	Unspecified Mills	1932 - 1938	989884
P	464m NW	Railway Sidings	1905 - 1916	871753
P	464m NW	Railway Sidings	1932 - 1938	982150
R	467m NW	Railway Station	1905 - 1938	975016
R	469m NW	Railway Station	1985 - 1994	880682
R	472m NW	Railway Station	1978	855265
R	472m NW	Railway Station	1956 - 1971	962338
R	476m NW	Railway Station	1896	899988
4	480m NW	Railway Sidings	1896	975593
P	487m NW	Railway Sidings	1956	917334
U	492m NW	Railway Station	1905 - 1938	896284
U	495m NW	Railway Station	1956	888631

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

95

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

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

ID	Location	Land use	Dates present	Group ID
B	79m N	Unspecified Tank	1980 - 1985	135450
B	82m N	Unspecified Tank	1948 - 1979	133333
A	153m N	Unspecified Tank	1948 - 1990	148192
A	155m N	Unspecified Tank	1998	124573
A	157m NE	Unspecified Tank	1893 - 1922	143428
A	160m N	Gas Works	1922	148353
A	160m N	Gas Works	1893 - 1908	148771
A	164m NW	Tanks	1932	107129
A	164m NW	Gasometers	1908 - 1922	124662
A	164m NW	Disused Gas Holder Station	1985	108346
A	164m NW	Gas Holder Station	1980	144973
A	165m NW	Gasometer	1893 - 1948	135717
A	165m NW	Gas Works	1948	138071
A	166m NW	Unspecified Tank	1969	140316
A	167m NW	Unspecified Tank	1963 - 1979	128106
A	168m NW	Unspecified Tank	1953	136419
A	168m NW	Gasometer	1948	135027
A	168m NW	Unspecified Tank	1963 - 1979	141523
A	169m N	Gasometer	1893	138389
A	169m N	Unspecified Tank	1893	125584
A	170m NW	Gasometer	1893 - 1969	129302



ID	Location	Land use	Dates present	Group ID
A	170m NW	Unspecified Tank	1953	145833
A	171m N	Unspecified Tank	1908	115778
A	174m N	Gas Works	1891	138194
A	178m N	Gasometer	1891	124584
A	179m N	Gasometer	1891	108523
A	179m N	Gasometer	1893 - 1969	136753
A	181m N	Unspecified Tank	1963 - 1979	138510
A	181m N	Gasometer	1948	142120
A	181m N	Gasometer	1891	126443
A	181m N	Gas Holder	1980 - 1985	125516
A	182m N	Unspecified Tank	1953	134836
A	187m N	Gasometer	1891 - 1893	138622
A	190m N	Unspecified Tank	1893	147070
A	191m N	Unspecified Tank	1953 - 1979	147656
A	192m N	Unspecified Tank	1963 - 1979	129031
A	192m N	Gasometer	1948	144835
A	192m N	Unspecified Tank	1953	128601
A	196m NW	Unspecified Tank	1953 - 1979	137402
A	197m N	Unspecified Tank	1891 - 1893	137941
F	200m NE	Unspecified Tank	1922	115781
A	201m N	Unspecified Tank	1987 - 1990	144099
A	201m N	Unspecified Tank	1891 - 1893	143653
A	203m N	Unspecified Tank	1953 - 1985	140482
A	204m NW	Tanks	1891	127920
A	204m NW	Tanks	1893	133419
F	204m NE	Unspecified Tank	1948 - 1985	122344
A	210m N	Unspecified Tank	1893	123594
A	210m NW	Unspecified Tank	1948 - 1979	129606



ID	Location	Land use	Dates present	Group ID
A	215m N	Unspecified Tank	1953 - 1985	147415
A	215m N	Gasometer	1969	108524
A	219m N	Gasometer	1891 - 1893	128004
A	222m N	Gasometer	1948	135973
A	222m N	Unspecified Tank	1963 - 1979	148209
A	223m N	Unspecified Tank	1953	127502
A	224m N	Unspecified Tank	1893 - 1922	122317
A	228m N	Unspecified Tank	1980 - 1990	133041
A	228m N	Unspecified Tank	1969 - 1998	138462
A	256m N	Tanks	1953 - 1969	129358
A	257m N	Unspecified Tank	1979	115952
A	257m N	Tanks	1948	147005
A	265m N	Unspecified Tank	1891	115953
A	268m N	Tanks	1948 - 1979	124597
A	273m N	Tanks	1979	106781
A	281m N	Unspecified Tank	1948 - 1979	131914
A	284m N	Unspecified Tank	1891	133313
A	287m N	Unspecified Tank	1891	115951
I	299m NW	Gasometer	1908 - 1922	137166
I	299m NW	Unspecified Tank	1932	149223
I	300m NW	Unspecified Tank	1980 - 1985	129756
I	301m NW	Unspecified Tank	1948 - 1979	134540
I	301m NW	Unspecified Tank	1953 - 1969	138911
I	303m NW	Unspecified Tank	1908 - 1932	134188
I	307m N	Unspecified Tank	1953 - 1985	135604
I	307m N	Unspecified Tank	1979	126042
A	329m NE	Unspecified Tank	1948 - 1953	135406
A	329m NE	Tanks	1953	106778



ID	Location	Land use	Dates present	Group ID
A	330m NE	Tanks	1950	106780
A	330m NE	Unspecified Tank	1955	123253
A	330m NE	Gasometer	1891 - 1908	131372
A	330m NE	Unspecified Tank	1893	115950
A	333m NE	Unspecified Tank	1948 - 1953	145471
A	333m NE	Unspecified Tank	1955	135178
A	340m NE	Unspecified Tank	1955	135180
A	340m NE	Unspecified Tank	1948 - 1953	141893
G	340m NW	Tanks	1948	106777
G	341m NW	Tanks	1948	107130
I	342m NW	Unspecified Tank	1891	115954
A	343m NE	Unspecified Tank	1922	115957
G	367m NW	Unspecified Tank	1891	115779
2	395m N	Tanks	1891	106783
N	428m NE	Unspecified Tank	1953	136354
N	428m NE	Unspecified Tank	1955	136262
S	482m NW	Tanks	1948	141151
S	485m NW	Tanks	1948 - 1979	130142

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

41

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

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



ID	Location	Land use	Dates present	Group ID
A	160m N	Gas Works	1893 - 1908	79545
A	160m N	Gas Works	1922	81689
A	164m NW	Gasometers	1908 - 1922	65853
A	164m NW	Disused Gas Holder Station	1985	59539
A	164m NW	Gas Holder Station	1980	77508
A	165m NW	Gasometer	1893 - 1948	65525
A	165m NW	Gas Works	1948	66529
A	168m NW	Gasometer	1948	69283
A	169m N	Gasometer	1893	75823
A	170m NW	Gasometer	1893 - 1969	65691
C	174m S	Electricity Substation	1973 - 1997	85389
A	174m N	Gas Works	1891	72601
C	174m S	Electricity Substation	1972	80664
A	178m N	Gasometer	1891	67026
A	179m N	Gasometer	1891	59716
A	179m N	Gasometer	1893 - 1969	68062
A	180m N	Electricity Substation	1998	62182
A	181m N	Gasometer	1948	71445
A	181m N	Gasometer	1891	71699
A	181m N	Gas Holder	1980 - 1985	70318
A	187m N	Gasometer	1891 - 1893	71826
A	192m N	Gasometer	1948	64845
D	193m W	Electricity Substation	1948 - 1979	83591
D	193m W	Electricity Substation	1953	65840
E	207m NW	Electricity Substation	1998	62183
A	215m N	Gasometer	1969	59717
A	219m N	Gasometer	1891 - 1893	80269
A	222m N	Gasometer	1948	78274



ID	Location	Land use	Dates present	Group ID
G	283m NW	Electricity Substation	1948 - 1979	78830
G	283m NW	Electricity Substation	1969 - 1990	82938
G	284m NW	Electricity Substation	1998	73868
I	299m NW	Gasometer	1908 - 1922	65948
G	310m NW	Electricity Transformers	1969 - 1985	83603
A	330m NE	Gasometer	1891 - 1908	84082
A	351m N	Hydraulic Power Station	1932	78003
A	358m N	Hydraulic Power Station	1948 - 1973	64396
A	358m N	Hydraulic Power Station	1948 - 1979	64692
A	394m N	Electricity Substation	1948 - 1999	65682
T	485m E	Electricity Substation	1990	62181
T	486m E	Electricity Substation	1995 - 1998	84357
5	492m SW	Electricity Substation	1973 - 1993	82382

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

17

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



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

ID	Location	Land use	Dates present	Group ID
I	292m NW	Garage	1953 - 1979	24802
J	295m W	Garage	1979	22408
H	295m NE	Garage	1962 - 1987	25909
J	296m W	Garage	1960 - 1963	24336
H	296m NE	Garage	1968	21471
J	296m W	Garage	1959	21005
K	346m E	Garage	1962	22634
K	347m E	Garage	1965	27197
K	352m E	Garage	1948	23136
K	354m E	Garage	1955	26713
K	354m E	Garage	1953	22930
N	397m NE	Garage	1948 - 1998	27861
N	403m NE	Garage	1955 - 1990	26377
O	436m N	Garage	1973	20296
R	474m NW	Garage	1960 - 1969	25290
R	482m NW	Garage	1963 - 1981	26858
R	483m NW	Garage	1986 - 1990	26912

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

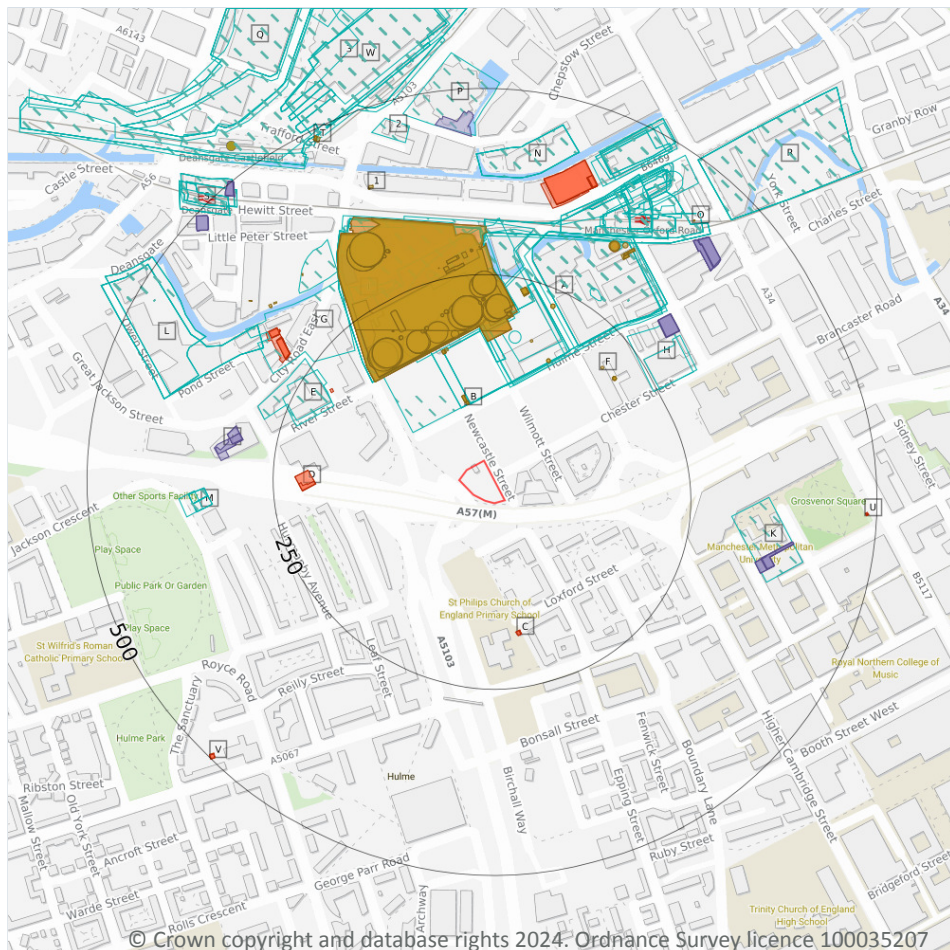
0

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

173

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 27](#) >

ID	Location	Land Use	Date	Group ID
A	77m N	Rubber Works	1938	926915
A	77m N	Rubber Works	1932	926915
A	77m N	Unspecified Commercial/Industrial	1905	944072



ID	Location	Land Use	Date	Group ID
A	77m N	Rubber Works	1956	849382
A	78m N	Unspecified Works	1988	927569
A	78m N	Unspecified Works	1978	865006
A	78m N	Unspecified Works	1985	927569
A	78m N	Unspecified Works	1994	927569
A	105m N	Rubber Works	1923	926915
A	109m N	Rubber Works	1916	915281
A	110m N	Unspecified Commercial/Industrial	1896	849974
A	142m N	Unspecified Commercial/Industrial	1851	849974
A	163m N	Unspecified Tank	1851	825246
A	163m NW	Unspecified Commercial/Industrial	1938	872530
A	163m NW	Unspecified Commercial/Industrial	1932	872530
A	163m NW	Gas Works	1916	927583
A	163m NW	Gas Works	1905	927583
A	163m NW	Gas Works	1923	927583
A	163m NW	Unspecified Tanks	1896	952761
A	164m N	Gas Works	1978	953907
A	164m N	Gas Works	1985	894760
A	165m NW	Gasometer	1916	967050
A	165m NW	Gasometer	1905	967050
A	165m NW	Unspecified Tank	1938	989404
A	165m NW	Unspecified Tank	1932	989404
A	165m NW	Gasometer	1923	967050
A	166m N	Unspecified Works	1971	976313
A	166m NW	Unspecified Tank	1971	973500
A	166m NW	Gasometer	1978	910445
A	167m N	Gasometer	1916	911162
A	167m N	Gasometer	1905	911162



ID	Location	Land Use	Date	Group ID
A	167m N	Unspecified Tank	1938	864386
A	167m N	Unspecified Tank	1932	864386
A	167m N	Gasometer	1923	911162
A	168m NW	Unspecified Tanks	1956	927953
A	168m NW	Unspecified Commercial/Industrial	1956	976686
A	168m NW	Gasometer	1916	964160
A	168m NW	Gasometer	1905	964160
A	168m NW	Unspecified Tank	1938	939747
A	168m NW	Unspecified Tank	1932	939747
A	168m NW	Gasometer	1923	964160
A	175m N	Gasometer	1916	856404
A	175m N	Gasometer	1905	856404
A	175m N	Unspecified Tank	1938	943763
A	175m N	Unspecified Tank	1932	943763
A	175m N	Gasometer	1923	856404
A	179m N	Unspecified Tank	1971	953873
A	179m N	Gasometer	1978	909770
A	179m N	Gasometer	1985	937412
A	184m N	Unspecified Tanks	1956	991069
A	187m N	Gasometer	1916	889070
A	187m N	Gasometer	1905	889070
A	187m N	Unspecified Tank	1938	961454
A	187m N	Unspecified Tank	1932	961454
A	187m N	Gasometer	1923	889070
A	188m N	Unspecified Tank	1851	987864
A	193m NE	Unspecified Commercial/Industrial	1896	857423
E	196m NW	Glass Works	1851	797987
A	200m NE	Unspecified Works	1988	862878



ID	Location	Land Use	Date	Group ID
A	200m NE	Unspecified Works	1978	976366
A	200m NE	Unspecified Works	1985	862878
A	200m NE	Unspecified Works	1994	862878
E	201m NW	Unspecified Works	1971	830421
A	216m N	Gasometer	1916	961140
A	216m N	Gasometer	1905	961140
A	216m N	Unspecified Tank	1938	893786
A	216m N	Unspecified Tank	1932	893786
A	216m N	Gasometer	1923	961140
G	220m NW	Brewery	1851	822706
A	245m NW	Unspecified Works	1978	921026
H	245m NE	Unspecified Mills	1923	874195
H	253m NE	Unspecified Mills	1916	874195
A	254m N	Unspecified Tank	1851	825228
A	259m N	Unspecified Tank	1851	825227
I	262m NW	Railway Sidings	1896	794671
A	264m NE	Unspecified Tanks	1851	815405
I	297m NW	Unspecified Tank	1896	890603
I	301m NW	Unspecified Tank	1971	856760
I	301m NW	Unspecified Tank	1978	858491
I	301m NW	Unspecified Tank	1985	858491
I	302m NW	Gasometer	1916	885805
I	302m NW	Gasometer	1905	885805
I	302m NW	Unspecified Tank	1938	946195
I	302m NW	Unspecified Tank	1932	946195
I	302m NW	Gasometer	1923	885805
I	303m NW	Unspecified Tank	1956	940796
K	306m E	Hospital	1971	834385



ID	Location	Land Use	Date	Group ID
A	307m N	Railway Sidings	1938	864885
A	307m N	Railway Sidings	1932	864885
A	307m N	Railway Sidings	1916	864885
A	307m N	Railway Sidings	1905	864885
A	307m N	Railway Sidings	1923	864885
L	317m NW	Unspecified Mill	1938	877197
L	317m NW	Unspecified Mill	1932	877197
L	317m NW	Unspecified Mill	1916	904261
L	317m NW	Unspecified Commercial/Industrial	1905	896875
L	317m NW	Unspecified Commercial/Industrial	1923	846058
I	317m NW	Cotton Mill	1851	797881
A	323m N	Railway Sidings	1988	928139
A	323m N	Railway Sidings	1985	928139
A	323m N	Railway Sidings	1994	928139
A	332m N	Railway Sidings	1896	989778
A	333m NE	Unspecified Tank	1896	825247
M	333m W	Fire Station	1971	964050
M	333m W	Fire Station	1978	845320
M	333m W	Fire Station	1985	871241
M	338m W	Police Station	1971	857014
M	338m W	Police Station	1978	959949
M	338m W	Police Station	1985	942388
A	339m NE	Railway Station	1938	962635
A	339m NE	Railway Station	1932	962635
A	339m NE	Railway Station	1916	962635
A	339m NE	Railway Station	1905	962635
A	339m NE	Railway Station	1923	962635
M	347m W	Fire Station	1938	891974

ID	Location	Land Use	Date	Group ID
A	347m NE	Railway Station	1896	887032
A	350m NE	Railway Station	1956	923967
A	365m NE	Railway Station	1971	960776
A	365m NE	Railway Station	1978	981767
A	365m NE	Railway Station	1985	962611
A	368m NE	Railway Station	1988	912150
A	368m NE	Railway Station	1994	912150
L	377m W	Unspecified Works	1971	948531
L	377m W	Automobile Works	1956	813191
L	377m W	Unspecified Works	1978	940175
A	379m NE	Gas Works	1851	802208
N	382m N	Corporation Yard	1938	920120
N	382m N	Corporation Yard	1932	920120
N	382m N	Corporation Yard	1916	920120
N	382m N	Corporation Yard	1905	920120
N	382m N	Corporation Yard	1923	920120
A	402m N	Hospital	1923	848326
A	411m NE	Railway Building	1956	820261
A	414m NE	Tanks	1851	832185
A	415m NE	Hospital	1938	949847
A	415m NE	Hospital	1932	949847
A	416m NE	Hospital	1916	938342
A	418m NE	Coal Wharf	1851	794097
A	420m NE	Hospital	1971	915521
A	420m NE	Hospital	1956	915521
A	420m NE	Hospital	1978	957282
P	437m N	Cotton Mills	1851	811452
2	440m N	Bus Station	1978	842916



ID	Location	Land Use	Date	Group ID
Q	460m NW	Railway Sidings	1923	923309
R	464m NE	Unspecified Mills	1938	989884
R	464m NE	Unspecified Mills	1932	989884
R	464m NE	Unspecified Mills	1916	861845
R	464m NE	Unspecified Commercial/Industrial	1905	968335
R	464m NE	Unspecified Commercial/Industrial	1923	874542
Q	464m NW	Railway Sidings	1938	982150
Q	464m NW	Railway Sidings	1932	982150
Q	464m NW	Railway Sidings	1916	871753
Q	464m NW	Railway Sidings	1905	871753
S	467m NW	Railway Station	1938	975016
S	467m NW	Railway Station	1932	975016
S	467m NW	Railway Station	1916	975016
S	467m NW	Railway Station	1905	975016
S	467m NW	Railway Station	1923	975016
S	469m NW	Railway Station	1988	880682
S	469m NW	Railway Station	1985	880682
S	469m NW	Railway Station	1994	880682
S	472m NW	Railway Station	1971	962338
S	472m NW	Railway Station	1956	962338
S	472m NW	Railway Station	1978	855265
S	476m NW	Railway Station	1896	899988
3	480m NW	Railway Sidings	1896	975593
Q	487m NW	Railway Sidings	1956	917334
W	492m NW	Railway Station	1938	896284
W	492m NW	Railway Station	1932	896284
W	492m NW	Railway Station	1916	896284
W	492m NW	Railway Station	1905	896284

ID	Location	Land Use	Date	Group ID
W	492m NW	Railway Station	1923	896284
W	495m NW	Railway Station	1956	888631

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	186
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 27 >](#)

ID	Location	Land Use	Date	Group ID
B	79m N	Unspecified Tank	1980	135450
B	79m N	Unspecified Tank	1980	135450
B	79m N	Unspecified Tank	1985	135450
B	82m N	Unspecified Tank	1979	133333
B	82m N	Unspecified Tank	1948	133333
B	83m N	Unspecified Tank	1969	133333
B	83m N	Unspecified Tank	1953	133333
A	153m N	Unspecified Tank	1980	148192
A	153m N	Unspecified Tank	1985	148192
A	153m N	Unspecified Tank	1987	148192
A	153m N	Unspecified Tank	1987	148192
A	153m N	Unspecified Tank	1990	148192
A	154m N	Unspecified Tank	1979	148192
A	154m N	Unspecified Tank	1948	148192
A	154m N	Unspecified Tank	1969	148192
A	154m N	Unspecified Tank	1953	148192
A	155m N	Unspecified Tank	1998	124573
A	157m NE	Unspecified Tank	1893	143428



ID	Location	Land Use	Date	Group ID
A	157m NE	Unspecified Tank	1922	143428
A	160m N	Gas Works	1893	148771
A	160m N	Gas Works	1922	148353
A	163m NW	Gas Works	1908	148771
A	164m NW	Gasometers	1908	124662
A	164m NW	Tanks	1932	107129
A	164m NW	Gas Holder Station	1980	144973
A	164m NW	Gas Holder Station	1980	144973
A	164m NW	Disused Gas Holder Station	1985	108346
A	165m NW	Gasometer	1893	135717
A	165m NW	Gasometers	1922	124662
A	165m NW	Gas Works	1948	138071
A	166m NW	Unspecified Tank	1969	140316
A	167m NW	Unspecified Tank	1979	128106
A	167m NW	Unspecified Tank	1963	128106
A	167m NW	Gasometer	1948	135717
A	168m NW	Unspecified Tank	1953	136419
A	168m NW	Unspecified Tank	1979	141523
A	168m NW	Unspecified Tank	1963	141523
A	168m NW	Gasometer	1948	135027
A	169m N	Gasometer	1893	138389
A	169m N	Unspecified Tank	1893	125584
A	170m NW	Gasometer	1893	129302
A	170m NW	Gasometer	1969	129302
A	170m NW	Unspecified Tank	1953	145833
A	171m N	Unspecified Tank	1908	115778
A	174m N	Gas Works	1891	138194
A	178m N	Gasometer	1891	124584



ID	Location	Land Use	Date	Group ID
A	179m N	Gasometer	1891	108523
A	179m N	Gasometer	1893	136753
A	181m N	Unspecified Tank	1979	138510
A	181m N	Unspecified Tank	1963	138510
A	181m N	Gasometer	1948	142120
A	181m N	Gasometer	1891	126443
A	181m N	Gas Holder	1980	125516
A	181m N	Gas Holder	1980	125516
A	181m N	Gas Holder	1985	125516
A	182m N	Gasometer	1969	136753
A	182m N	Unspecified Tank	1953	134836
A	187m N	Gasometer	1893	138622
A	188m N	Gasometer	1891	138622
A	190m N	Unspecified Tank	1893	147070
A	191m N	Unspecified Tank	1979	147656
A	191m N	Unspecified Tank	1963	147656
A	192m N	Unspecified Tank	1979	129031
A	192m N	Unspecified Tank	1963	129031
A	192m N	Gasometer	1948	144835
A	192m N	Unspecified Tank	1953	147656
A	192m N	Unspecified Tank	1953	128601
A	196m NW	Unspecified Tank	1979	137402
A	196m NW	Unspecified Tank	1963	137402
A	196m NW	Unspecified Tank	1969	137402
A	196m NW	Unspecified Tank	1953	137402
A	197m N	Unspecified Tank	1893	137941
A	197m N	Unspecified Tank	1891	137941
F	200m NE	Unspecified Tank	1922	115781



ID	Location	Land Use	Date	Group ID
A	201m N	Unspecified Tank	1987	144099
A	201m N	Unspecified Tank	1987	144099
A	201m N	Unspecified Tank	1990	144099
A	201m N	Unspecified Tank	1891	143653
A	201m N	Unspecified Tank	1893	143653
A	203m N	Unspecified Tank	1980	140482
A	203m N	Unspecified Tank	1980	140482
A	203m N	Unspecified Tank	1985	140482
A	204m N	Unspecified Tank	1979	140482
A	204m N	Unspecified Tank	1963	140482
A	204m N	Unspecified Tank	1969	140482
A	204m N	Unspecified Tank	1953	140482
A	204m NW	Tanks	1891	127920
A	204m NW	Tanks	1893	133419
F	204m NE	Unspecified Tank	1980	122344
F	204m NE	Unspecified Tank	1980	122344
F	204m NE	Unspecified Tank	1985	122344
F	205m NE	Unspecified Tank	1979	122344
F	205m NE	Unspecified Tank	1963	122344
F	205m NE	Unspecified Tank	1948	122344
F	205m NE	Unspecified Tank	1969	122344
F	205m NE	Unspecified Tank	1953	122344
A	210m N	Unspecified Tank	1893	123594
A	210m NW	Unspecified Tank	1979	129606
A	210m NW	Unspecified Tank	1948	129606
A	215m N	Unspecified Tank	1979	147415
A	215m N	Unspecified Tank	1963	147415
A	215m N	Gasometer	1969	108524



ID	Location	Land Use	Date	Group ID
A	215m N	Unspecified Tank	1953	147415
A	215m N	Unspecified Tank	1980	147415
A	215m N	Unspecified Tank	1985	147415
A	219m N	Gasometer	1891	128004
A	220m N	Gasometer	1893	128004
A	222m N	Unspecified Tank	1979	148209
A	222m N	Unspecified Tank	1963	148209
A	222m N	Gasometer	1948	135973
A	223m N	Unspecified Tank	1953	127502
A	224m N	Unspecified Tank	1893	122317
A	224m N	Unspecified Tank	1922	122317
A	228m N	Unspecified Tank	1980	133041
A	228m N	Unspecified Tank	1980	133041
A	228m N	Unspecified Tank	1985	133041
A	228m N	Unspecified Tank	1987	133041
A	228m N	Unspecified Tank	1987	133041
A	228m N	Unspecified Tank	1990	133041
A	228m N	Unspecified Tank	1969	138462
A	229m N	Unspecified Tank	1998	138462
A	256m N	Tanks	1969	129358
A	256m N	Tanks	1953	129358
A	257m N	Unspecified Tank	1979	115952
A	257m N	Tanks	1948	147005
A	265m N	Unspecified Tank	1891	115953
A	268m N	Tanks	1969	124597
A	268m N	Tanks	1953	124597
A	269m N	Tanks	1979	124597
A	269m N	Tanks	1948	124597



ID	Location	Land Use	Date	Group ID
A	273m N	Tanks	1979	106781
A	281m N	Unspecified Tank	1979	131914
A	281m N	Unspecified Tank	1963	131914
A	281m N	Unspecified Tank	1948	131914
A	282m N	Unspecified Tank	1969	131914
A	282m N	Unspecified Tank	1953	131914
A	284m N	Unspecified Tank	1891	133313
A	287m N	Unspecified Tank	1891	115951
I	299m NW	Gasometer	1908	137166
I	299m NW	Gasometer	1922	137166
I	299m NW	Unspecified Tank	1932	149223
I	300m NW	Unspecified Tank	1980	129756
I	300m NW	Unspecified Tank	1980	129756
I	300m NW	Unspecified Tank	1985	129756
I	301m NW	Unspecified Tank	1979	134540
I	301m NW	Unspecified Tank	1963	134540
I	301m NW	Unspecified Tank	1948	134540
I	301m NW	Unspecified Tank	1969	138911
I	301m NW	Unspecified Tank	1953	138911
I	303m NW	Unspecified Tank	1908	134188
I	303m NW	Unspecified Tank	1922	134188
I	303m NW	Unspecified Tank	1932	134188
I	307m N	Unspecified Tank	1980	135604
I	307m N	Unspecified Tank	1980	135604
I	307m N	Unspecified Tank	1985	135604
I	307m N	Unspecified Tank	1979	126042
I	308m N	Unspecified Tank	1969	135604
I	308m N	Unspecified Tank	1953	135604



ID	Location	Land Use	Date	Group ID
A	329m NE	Unspecified Tank	1953	135406
A	329m NE	Tanks	1953	106778
A	329m NE	Unspecified Tank	1948	135406
A	330m NE	Unspecified Tank	1955	123253
A	330m NE	Tanks	1950	106780
A	330m NE	Gasometer	1908	131372
A	330m NE	Unspecified Tank	1893	115950
A	331m NE	Gasometer	1891	131372
A	333m NE	Unspecified Tank	1948	145471
A	333m NE	Unspecified Tank	1953	145471
A	333m NE	Unspecified Tank	1955	135178
A	333m NE	Unspecified Tank	1955	135178
A	340m NE	Unspecified Tank	1955	135180
A	340m NE	Unspecified Tank	1953	141893
G	340m NW	Tanks	1948	106777
A	340m NE	Unspecified Tank	1948	141893
G	341m NW	Tanks	1948	107130
I	342m NW	Unspecified Tank	1891	115954
A	343m NE	Unspecified Tank	1922	115957
G	367m NW	Unspecified Tank	1891	115779
1	395m N	Tanks	1891	106783
O	428m NE	Unspecified Tank	1953	136354
O	428m NE	Unspecified Tank	1955	136262
T	482m NW	Tanks	1948	141151
T	485m NW	Tanks	1979	130142
T	485m NW	Tanks	1963	130142
T	486m NW	Tanks	1951	130142
T	486m NW	Tanks	1948	130142

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

83

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 27 >](#)

ID	Location	Land Use	Date	Group ID
A	160m N	Gas Works	1893	79545
A	160m N	Gas Works	1922	81689
A	163m NW	Gas Works	1908	79545
A	164m NW	Gasometers	1908	65853
A	164m NW	Gas Holder Station	1980	77508
A	164m NW	Gas Holder Station	1980	77508
A	164m NW	Disused Gas Holder Station	1985	59539
A	165m NW	Gasometer	1893	65525
A	165m NW	Gasometers	1922	65853
A	165m NW	Gas Works	1948	66529
A	167m NW	Gasometer	1948	65525
A	168m NW	Gasometer	1948	69283
A	169m N	Gasometer	1893	75823
A	170m NW	Gasometer	1893	65691
A	170m NW	Gasometer	1969	65691
C	174m S	Electricity Substation	1995	85389
C	174m S	Electricity Substation	1997	85389
C	174m S	Electricity Substation	1973	85389
A	174m N	Gas Works	1891	72601
C	174m S	Electricity Substation	1972	80664
A	178m N	Gasometer	1891	67026
A	179m N	Gasometer	1891	59716
A	179m N	Gasometer	1893	68062



ID	Location	Land Use	Date	Group ID
A	180m N	Electricity Substation	1998	62182
A	181m N	Gasometer	1948	71445
A	181m N	Gasometer	1891	71699
A	181m N	Gas Holder	1980	70318
A	181m N	Gas Holder	1980	70318
A	181m N	Gas Holder	1985	70318
A	182m N	Gasometer	1969	68062
A	187m N	Gasometer	1893	71826
A	188m N	Gasometer	1891	71826
A	192m N	Gasometer	1948	64845
D	193m W	Electricity Substation	1979	83591
D	193m W	Electricity Substation	1948	83591
D	193m W	Electricity Substation	1953	65840
E	207m NW	Electricity Substation	1998	62183
A	215m N	Gasometer	1969	59717
A	219m N	Gasometer	1891	80269
A	220m N	Gasometer	1893	80269
A	222m N	Gasometer	1948	78274
G	283m NW	Electricity Substation	1979	78830
G	283m NW	Electricity Substation	1948	78830
G	283m NW	Electricity Substation	1980	82938
G	283m NW	Electricity Substation	1980	82938
G	283m NW	Electricity Substation	1985	82938
G	283m NW	Electricity Substation	1987	82938
G	283m NW	Electricity Substation	1987	82938
G	283m NW	Electricity Substation	1990	82938
G	284m NW	Electricity Substation	1998	73868
G	284m NW	Electricity Substation	1953	78830



ID	Location	Land Use	Date	Group ID
G	284m NW	Electricity Substation	1969	82938
I	299m NW	Gasometer	1908	65948
I	299m NW	Gasometer	1922	65948
G	310m NW	Electricity Transformers	1980	83603
G	310m NW	Electricity Transformers	1980	83603
G	310m NW	Electricity Transformers	1985	83603
G	311m NW	Electricity Transformers	1969	83603
A	330m NE	Gasometer	1908	84082
A	331m NE	Gasometer	1891	84082
A	351m N	Hydraulic Power Station	1932	78003
A	358m N	Hydraulic Power Station	1951	64396
A	358m N	Hydraulic Power Station	1973	64396
A	358m N	Hydraulic Power Station	1948	64396
A	358m N	Hydraulic Power Station	1979	64692
A	358m N	Hydraulic Power Station	1948	64692
A	394m N	Electricity Substation	1996	65682
A	394m N	Electricity Substation	1995	65682
A	394m N	Electricity Substation	1994	65682
A	394m N	Electricity Substation	1999	65682
A	395m N	Electricity Substation	1951	65682
A	395m N	Electricity Substation	1988	65682
A	395m N	Electricity Substation	1973	65682
A	395m N	Electricity Substation	1948	65682
A	395m N	Electricity Substation	1985	65682
A	395m N	Electricity Substation	1979	65682
U	485m E	Electricity Substation	1990	62181
U	486m E	Electricity Substation	1995	84357
U	486m E	Electricity Substation	1998	84357



ID	Location	Land Use	Date	Group ID
V	492m SW	Electricity Substation	1973	82382
V	493m SW	Electricity Substation	1993	82382
V	493m SW	Electricity Substation	1993	82382
V	493m SW	Electricity Substation	1993	82382

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	45
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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 27 >](#)

ID	Location	Land Use	Date	Group ID
I	292m NW	Garage	1979	24802
I	292m NW	Garage	1963	24802
I	293m NW	Garage	1953	24802
J	295m W	Garage	1979	22408
H	295m NE	Garage	1965	25909
H	295m NE	Garage	1965	25909
H	295m NE	Garage	1985	25909
J	296m W	Garage	1963	24336
H	296m NE	Garage	1987	25909



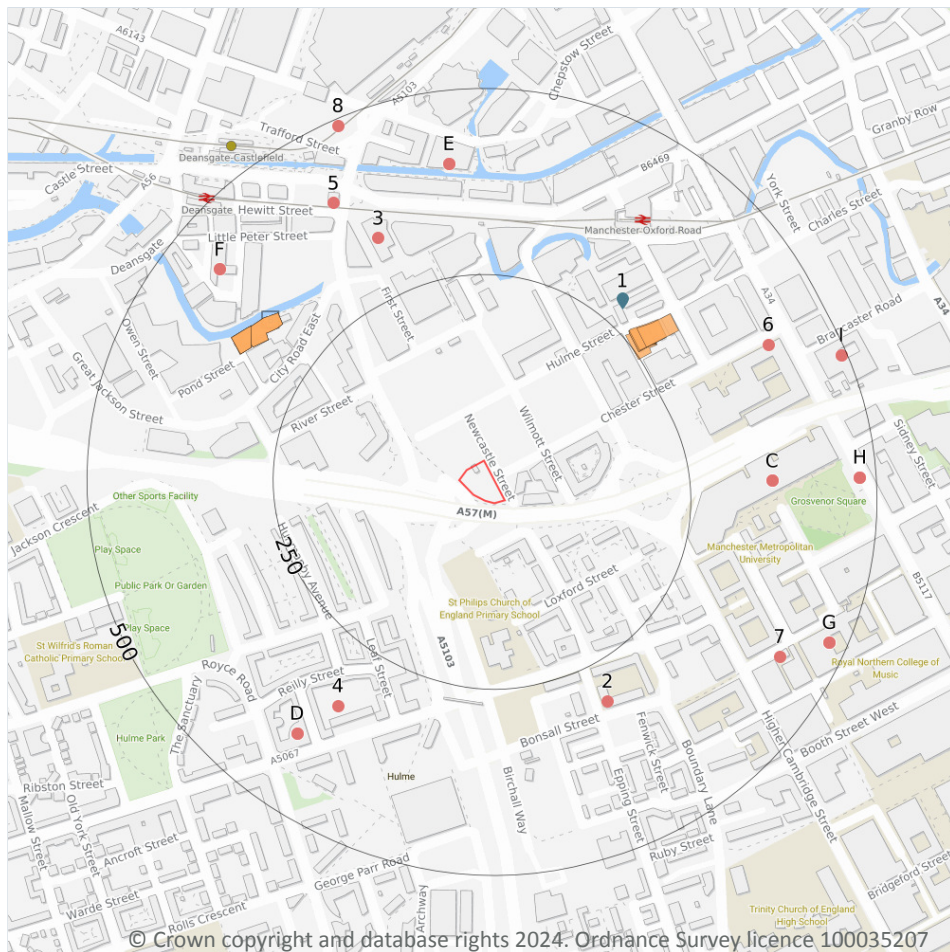
ID	Location	Land Use	Date	Group ID
H	296m NE	Garage	1969	25909
H	296m NE	Garage	1962	25909
H	296m NE	Garage	1968	21471
J	296m W	Garage	1960	24336
J	296m W	Garage	1959	21005
K	346m E	Garage	1962	22634
K	347m E	Garage	1965	27197
K	347m E	Garage	1965	27197
K	352m E	Garage	1948	23136
K	354m E	Garage	1955	26713
K	354m E	Garage	1955	26713
K	354m E	Garage	1953	22930
O	397m NE	Garage	1987	27861
O	397m NE	Garage	1969	27861
O	397m NE	Garage	1948	27861
O	397m NE	Garage	1953	27861
O	397m NE	Garage	1962	27861
O	397m NE	Garage	1995	27861
O	397m NE	Garage	1998	27861
O	403m NE	Garage	1965	26377
O	403m NE	Garage	1965	26377
O	403m NE	Garage	1968	26377
O	403m NE	Garage	1990	26377
O	403m NE	Garage	1985	26377
O	404m NE	Garage	1955	26377
P	436m N	Garage	1973	20296
S	474m NW	Garage	1963	25290
S	475m NW	Garage	1960	25290

ID	Location	Land Use	Date	Group ID
S	475m NW	Garage	1969	25290
S	482m NW	Garage	1963	26858
S	482m NW	Garage	1979	26858
S	482m NW	Garage	1963	26858
S	482m NW	Garage	1981	26858
S	482m NW	Garage	1979	26858
S	483m NW	Garage	1986	26912
S	483m NW	Garage	1990	26912

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- 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**0**

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.

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

3.5 Historical waste sites

Records within 500m**12**

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 47 >](#)

ID	Location	Address	Further Details	Date
A	247m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1932
A	254m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1953
A	254m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1953

ID	Location	Address	Further Details	Date
A	256m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1932
A	266m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1948
B	315m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1987
B	315m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1987
B	315m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1990
B	331m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1968
B	331m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1997
B	331m NW	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
B	331m NW	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

1

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

Features are displayed on the Waste and landfill map on [page 47 >](#)

ID	Location	Details		
1	283m NE	Site Name: Terra Vac (uk) Ltd Site Address: Little Ireland Phase B, Great Marlborough Street, Manchester, M1 5NN Correspondence Address: Unit 7a, Whitwood Enterprise Park, Castleford, WF10 5PX	Type of Site: Mobile Plant Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TER003 EPR reference: - Operator: Terra Vac (uk) Ltd Waste Management licence No: 50191 Annual Tonnage: 0	Issue Date: 17/06/2002 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m

33

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 47 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
2	304m SE	OXFORD COURT, FLAT D1, 2, BONSALL STREET, MANCHESTER, M15 6DG	WEX163913	Using waste exemption	Not on a Farm	Use of waste in construction
3	330m NW	BAM Project Office, First Street Plot 9A, Hulme Street, Manchester, M15 4RP	WEX338383	Using waste exemption	Not on a farm	Use of waste in construction
4	338m SW	-	WEX219745	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
C	360m E	ALL SAINTS, GROSVENOR SQUARE, MANCHESTER, M15 6BH	WEX228932	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
C	360m E	ALL SAINTS, GROSVENOR SQUARE, MANCHESTER, M15 6BH	WEX083555	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
C	360m E	ALL SAINTS, GROSVENOR SQUARE, MANCHESTER, M15 6BH	WEX228932	Disposing of waste exemption	Not on a farm	Depositing samples of waste for the purposes of testing or analysing them
C	360m E	ALL SAINTS, GROSVENOR SQUARE, MANCHESTER, M15 6BH	WEX083555	Disposing of waste exemption	Not on a farm	Depositing samples of waste for the purposes of testing or analysing them
D	399m SW	-	WEX269529	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	399m SW	172, Stretford Road, Manchester, M15 5TL	WEX129138	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	399m SW	172 Stretford Road MANCHESTER M15 5TL	EPR/JE5186XE /A002	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
5	400m NW	Axis Tower, Albion Street, Manchester, M1 5NZ	WEX074989	Using waste exemption	Not on a farm	Use of waste in construction
E	401m N	EVERSHEDS HOUSE 70 GREAT BRIDGEWATER STREET MANCHESTER M1 5ES	EPR/QE5657A K/A001	Using waste exemption	Non-Agricultural Waste Only	Spreading waste on non-agricultural land to confer benefit
E	401m N	EVERSHEDS HOUSE 70 GREAT BRIDGEWATER STREET MANCHESTER M1 5ES	EPR/QE5657A K/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of kitchen waste in a wormery
E	401m N	EVERSHEDS HOUSE 70 GREAT BRIDGEWATER STREET MANCHESTER M1 5ES	EPR/QE5657A K/A001	Using waste exemption	Non-Agricultural Waste Only	Use of mulch
6	410m NE	John Dalton Building Chester Street MANCHESTER M1 5GD	EPR/VF0005U T/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Depositing samples of waste for the purposes of testing or analysing them
7	425m SE	12, HIGHER CHATHAM STREET, MANCHESTER, M15 6ED	WEX196171	Using waste exemption	Not on a farm	Use of waste in construction
F	427m NW	1, ALPHA PLACE, MANCHESTER, M15 4PP	WEX017965	Storing waste exemption	Not on a farm	Storage of waste in secure containers
F	427m NW	1, ALPHA PLACE, MANCHESTER, M15 4PP	WEX017965	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
G	476m SE	-	WEX356610	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
G	476m SE	-	WEX356610	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	476m SE	-	WEX356610	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	476m SE	-	WEX356610	Using waste exemption	Not on a farm	Use of mulch
G	476m SE	-	WEX356610	Disposing of waste exemption	Not on a farm	Depositing samples of waste for the purposes of testing or analysing them
H	478m E	Transfer Station Europa Gate Manchester M17 1DU	EPR/DF0804PP /A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in secure containers
H	478m E	Transfer Station Europa Gate Manchester M17 1DU	EPR/DF0804PP /A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
H	478m E	Transfer Station Europa Gate Manchester M17 1DU	EPR/DF0804PP /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Preparatory treatments (baling, sorting, shredding etc)
H	478m E	Transfer Station Europa Gate Manchester M17 1DU	EPR/DF0804PP /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
H	478m E	Transfer Station Europa Gate Manchester M17 1DU	EPR/DF0804PP /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Mechanical treatment of end-of-life tyres

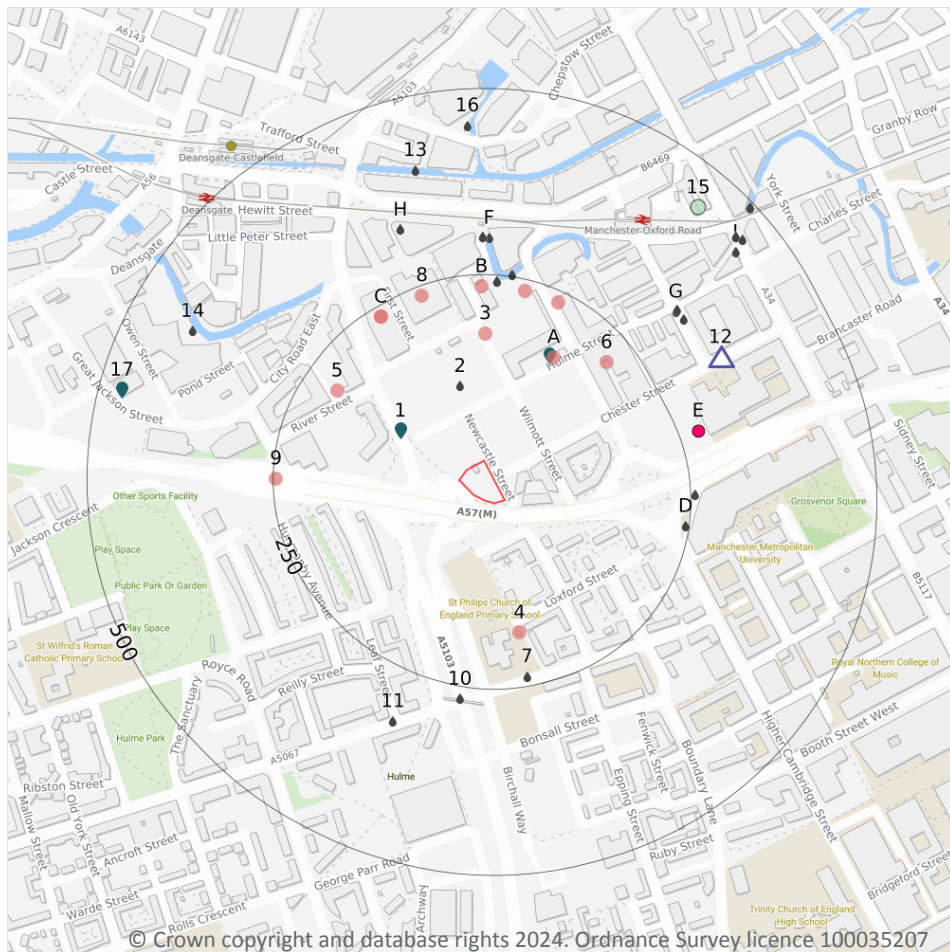


ID	Location	Site	Reference	Category	Sub-Category	Description
H	478m E	Transfer Station Europa Gate Manchester M17 1DU	EPR/DF0804PP /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Recovery of scrap metal
H	478m E	Transfer Station Europa Gate Manchester M17 1DU	EPR/DF0804PP /A001	Treating waste exemption	Non-Agricultural Waste Only	Manual treatment of waste
8	490m N	Axis Tower, Albion Street, Manchester, M1 5NZ	WEX220537	Using waste exemption	Not on a farm	Use of waste in construction
I	492m E	Circle Square Plot 14 - (Russells Construction Site), Brancaster Road, Manchester, M1 7ED	WEX144388	Using waste exemption	Not on a farm	Use of waste in construction
I	492m E	Circle Square Plot 14 - (Russells Construction Site), Brancaster Road, Manchester, M1 7ED	WEX144388	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)
- Radioactive Substance Authorisations
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

12

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 54](#) >

ID	Location	Company	Address	Activity	Category
A	168m NE	Chimney	Greater Manchester, M1	Chimneys	Industrial Features
3	171m N	Travelling Crane	Greater Manchester, M1	Travelling Cranes and Gantries	Industrial Features
4	177m S	Electricity Sub Station	Greater Manchester, M15	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
5	204m NW	Electricity Sub Station	Greater Manchester, M15	Electrical Features	Infrastructure and Facilities
6	211m NE	Chimney	Greater Manchester, M1	Chimneys	Industrial Features
B	234m N	Gas Valve Compound	Greater Manchester, M15	Gas Features	Infrastructure and Facilities
B	235m N	Tank	Greater Manchester, M1	Tanks (Generic)	Industrial Features
B	235m NE	Chimney	Greater Manchester, M1	Chimneys	Industrial Features
C	236m NW	W S P	8, First Street, Manchester, Greater Manchester, M15 4RP	Civil Engineers	Engineering Services
C	236m NW	Gazprom Marketing & Energy	8, First Street, Manchester, Greater Manchester, M15 4RP	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
8	237m N	Autotrader	Fourth Floor 1, Tony Wilson Place, Manchester, Greater Manchester, M15 4FN	Secondhand Vehicles	Motoring
9	246m W	Gantry	Greater Manchester, M15	Travelling Cranes and Gantries	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

1

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 54](#) >

ID	Location	Company	Address	LPG	Status
12	346m NE	OBSOLETE	2-4, Lower Ormond Street, Manchester, Greater Manchester, M1 5QF	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.



4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0
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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
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Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

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

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

Records within 500m	3
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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 54 >](#)

ID	Location	Address	Details	
1	103m NW	Jessop & Baird Ltd, Hulme St, M15 6AL	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
A	165m NE	Dunlop Ltd, Cambridge St, M60 1PD	Process: Rubber Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
17	469m W	Tom Garner Motors, A Branch of Robins & Day Ltd, Chester Rd, Manchester, M15 4GA	Process: Respraying of Road Vehicles Status: Historical 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

6

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

Features are displayed on the Current industrial land use map on [page 54 >](#)

ID	Location	Address	Details	
E	276m E	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester, Greater Manchester, M1 5GD	Operator: Manchester Metropolitan University Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC9688 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
E	276m E	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester, Greater Manchester, M1 5GD	Operator: Manchester Metropolitan University Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC9688 Date of approval: 16/10/1994	Effective from: 16/10/1994 Last date of update: 01/01/2015 Status: Superseded By Variation
E	276m E	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester, Greater Manchester, M1 5GD	Operator: Manchester Metropolitan University Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC9688 Date of approval: 09/03/1995	Effective from: 09/04/1995 Last date of update: 01/01/2015 Status: Superseded By Variation
E	276m E	Manchester Metropolitan University, John Dalton Building, Chester Street, Manchester, Greater Manchester, M1 5GD	Operator: Manchester Metropolitan University Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC9688 Date of approval: 01/12/2003	Effective from: 01/01/2004 Last date of update: 01/01/2015 Status: Superseded By Variation
E	276m E	John Dalton Building, Chester Street, Manchester, M1 5GD	Operator: Manchester Metropolitan University Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: CA1464 Date of approval: 17/02/2006	Effective from: 17/03/2006 Last date of update: 01/01/2020 Status: Issued
E	276m E	John Dalton Building, Chester Street, Manchester, M1 5GD	Operator: Manchester Metropolitan University Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BL0324 Date of approval: 23/05/2001	Effective from: 23/05/2001 Last date of update: 01/01/2020 Status: Issued



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

4.13 Licensed Discharges to controlled waters

Records within 500m	30
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Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on [page 54](#) >

ID	Location	Address	Details	
2	105m N	NEWCASTLE ST/CHESTER ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0361 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: -
7	236m S	HULME WALK, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0362 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: -
B	240m N	WILMOTT ST AT RIVER ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0184 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 18/10/1999
B	240m N	LOWER CAMBRIDGE ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0285 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 15/11/1999
B	240m N	CAMBRIDGE STREET CSO 282D9, 1 CAMBRIDGE STREET, MANCHESTER, GREATER MANCHESTER, M1 5BW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982721 Permit Version: 3 Receiving Water: RIVER MEDLOCK	Status: VARIED UNDER EPR 2010 Issue date: 11/04/2018 Effective Date: 11/04/2018 Revocation Date: -
D	245m E	GSHP AT MANCHESTER METROPOLITAN UNI, MANCHESTER METROPOLITAN UNI, LOWER CHATHAM STREET, MANCHESTER, M15 6BH	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: EPRDP3526GN Permit Version: 1 Receiving Water: GROUNDWATERS	Status: NEW ISSUED UNDER EPR 2010 Issue date: 23/08/2010 Effective Date: 01/04/2011 Revocation Date: -

ID	Location	Address	Details	
B	252m N	CAMBRIDGE STREET CSO 282D9, 1 CAMBRIDGE STREET, MANCHESTER, GREATER MANCHESTER, M1 5BW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982721 Permit Version: 2 Receiving Water: RIVER MEDLOCK	Status: MODIFIED - (WRA 91 SCHD 10 - AS AMENDED BY ENV ACT 1995) Issue date: - Effective Date: 15/11/1999 Revocation Date: 10/04/2018
D	255m E	GSHP AT MANCHESTER METROPOLITAN UNI, MANCHESTER METROPOLITAN UNI, LOWER CHATHAM STREET, MANCHESTER, M15 6BH	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: EPRDP3526GN Permit Version: 1 Receiving Water: GROUNDWATERS	Status: NEW ISSUED UNDER EPR 2010 Issue date: 23/08/2010 Effective Date: 01/04/2011 Revocation Date: -
10	266m S	HULME WALK/PRINCESS RD, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0363 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: -
F	299m N	GREAT BRIDGEWATER ST CSO (281WI), 80 GREAT BRIDGEWATER STREET, GREAT ANCOATS, MANCHESTER, GREATER MANCHESTER, M1 5JG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982707 Permit Version: 2 Receiving Water: RIVER MEDLOCK	Status: VARIED UNDER EPR 2010 Issue date: 20/10/2020 Effective Date: 20/10/2020 Revocation Date: -
F	300m N	GREAT BRIDGEWATER ST CSO (281WI), 80 GREAT BRIDGEWATER STREET, GREAT ANCOATS, MANCHESTER, GREATER MANCHESTER, M1 5JG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982707 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 30/09/1994 Revocation Date: 19/10/2020
F	300m N	GREAT BRIDGEWATER ST CSO (281WI), 80 GREAT BRIDGEWATER STREET, GREAT ANCOATS, MANCHESTER, GREATER MANCHESTER, M1 5JG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0252 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 01/01/1995
11	321m S	HULME WALK/LEAF STREET, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0364 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: -



ID	Location	Address	Details	
G	326m NE	LOWER ORMOMD ST/HULME ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0282 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 09/08/2019
G	328m NE	CHESTER STREET CSO, JUNCTION OF CHESTER STREET/, LOWER OSMOND STREET, MANCHESTER, M1 5QF	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016983278 Permit Version: 2 Receiving Water: THE RIVER MEDLOCK	Status: VARIED UNDER EPR 2010 Issue date: 09/07/2018 Effective Date: 09/07/2018 Revocation Date: -
G	328m NE	CHESTER STREET CSO, JUNCTION OF CHESTER STREET/, LOWER OSMOND STREET, MANCHESTER, M1 5QF	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016983278 Permit Version: 1 Receiving Water: THE RIVER MEDLOCK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 19/02/1999 Effective Date: 01/12/1999 Revocation Date: 08/07/2018
H	329m N	ALBION STREET/HEWITT ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982706 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: SURRENDERED UNDER EPR 2010 Issue date: - Effective Date: 30/09/1994 Revocation Date: 13/11/2019
H	329m N	ALBION STREET/HEWITT ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0251 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 01/01/1995
13	400m N	TRUMPET STREET, SSO, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 01MAN0168 Permit Version: 1 Receiving Water: RIVER TIB CULVERT-MEDLOCK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 15/09/1993 Revocation Date: 15/09/1993
14	410m NW	OWEN STREET, OWEN STREET, MANCHESTER, M15 4PZ	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: EPRFB3091RH Permit Version: 1 Receiving Water: THE RIVER MEDLOCK	Status: SURRENDERED UNDER EPR 2010 Issue date: 04/10/2016 Effective Date: 04/10/2016 Revocation Date: 02/07/2018



ID	Location	Address	Details	
I	438m NE	OXFORD RD, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0342 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: 19/12/1999
16	450m N	GREAT BRIDGEWATER ST CSO (281WI), 80 GREAT BRIDGEWATER STREET, GREAT ANCOATS, MANCHESTER, GREATER MANCHESTER, M1 5JG	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 01MAN0163 Permit Version: 1 Receiving Water: RIVER TIB CULVERT	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 15/09/1993 Revocation Date: 15/09/1993
I	451m NE	OXFORD/NEW WAKEFIELD ST, MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0165 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1995 Revocation Date: 31/03/1998
I	451m NE	OXFORD ROAD/GROSVENOR STREET CSO, 137 OXFORD ROAD, MANCHESTER, GREATER MANCHESTER, M1 7DZ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0189 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 02/09/2010
I	451m NE	OXFORD ROAD/GROSVENOR STREET CSO, 137 OXFORD ROAD, MANCHESTER, GREATER MANCHESTER, M1 7DZ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0189 Permit Version: 3 Receiving Water: RIVER MEDLOCK	Status: VARIED UNDER EPR 2010 Issue date: 05/02/2016 Effective Date: 05/02/2016 Revocation Date: 28/03/2021
I	451m NE	OXFORD ROAD/GROSVENOR STREET CSO, 137 OXFORD ROAD, MANCHESTER, GREATER MANCHESTER, M1 7DZ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0189 Permit Version: 2 Receiving Water: RIVER MEDLOCK	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/02/2016
I	456m NE	OXFORD ROAD/GROSVENOR STREET CSO, 137 OXFORD ROAD, MANCHESTER, GREATER MANCHESTER, M1 7DZ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0189 Permit Version: 4 Receiving Water: RIVER MEDLOCK VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 29/03/2021 Effective Date: 29/03/2021 Revocation Date: -



ID	Location	Address	Details	
I	492m NE	MALLARD STREET/CHARLES STREET CSO, MALLARD STREET, MANCHESTER, GREATER MANCHESTER, M1 6EY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982736 Permit Version: 2 Receiving Water: RIVER MEDLOCK	Status: VARIED UNDER EPR 2010 Issue date: 10/07/2020 Effective Date: 10/07/2020 Revocation Date: -
I	493m NE	MALLARD STREET/CHARLES STREET CSO, MALLARD STREET, MANCHESTER, GREATER MANCHESTER, M1 6EY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982736 Permit Version: 1 Receiving Water: RIVER MEDLOCK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 30/09/1994 Revocation Date: 09/07/2020
I	493m NE	MEDLOCK ST(OFF CHARLES ST), MANCHESTER, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0343 Permit Version: 1 Receiving Water: -	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 01/01/1995

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

1

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 54 >](#)

ID	Location	Details	
15	445m NE	Incident Date: 12/07/2001 Incident Identification: 15886 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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

4.20 Pollution inventory waste transfers

Records within 500m

0

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

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



4.21 Pollution inventory radioactive waste

Records within 500m

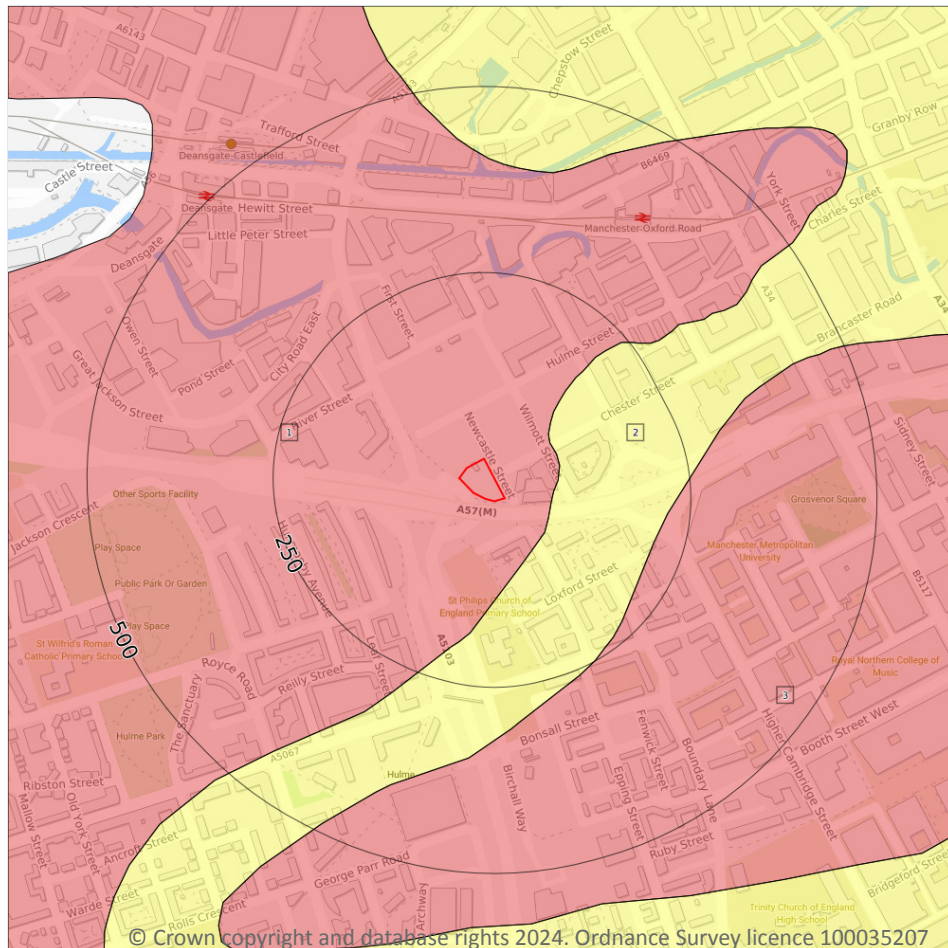
0

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

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



5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 66](#) >

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	62m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

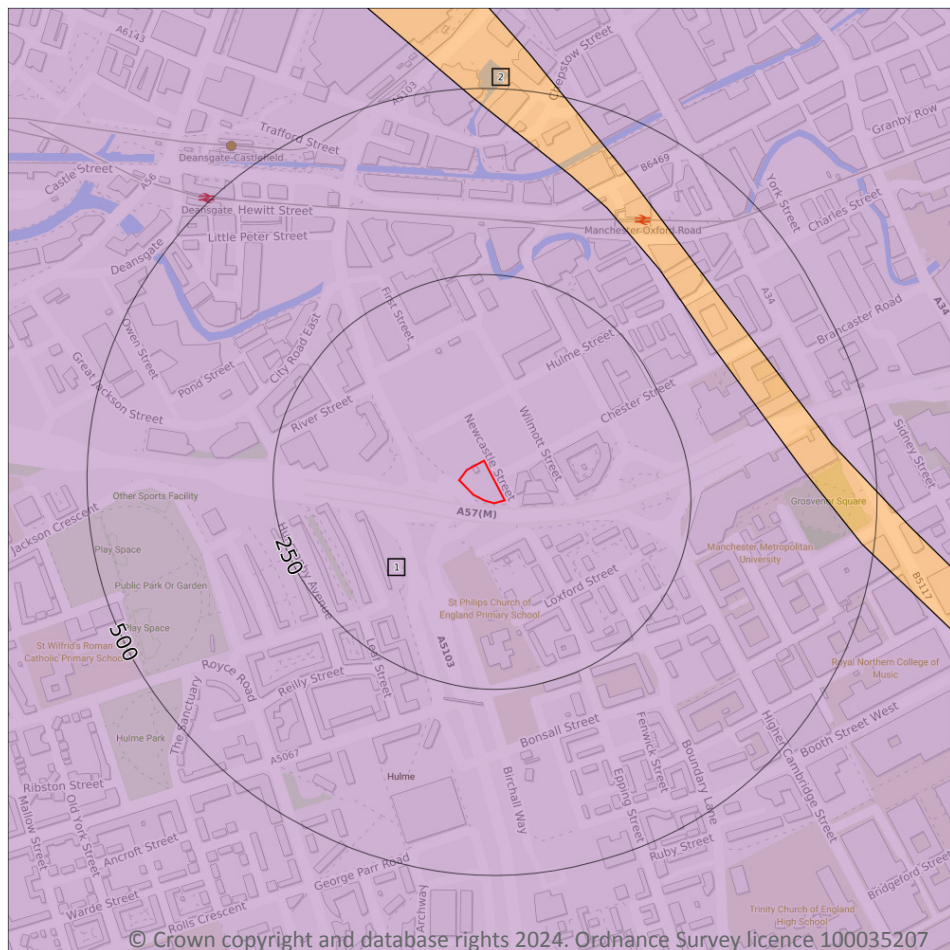


ID	Location	Designation	Description
3	208m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

2

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 68](#) >

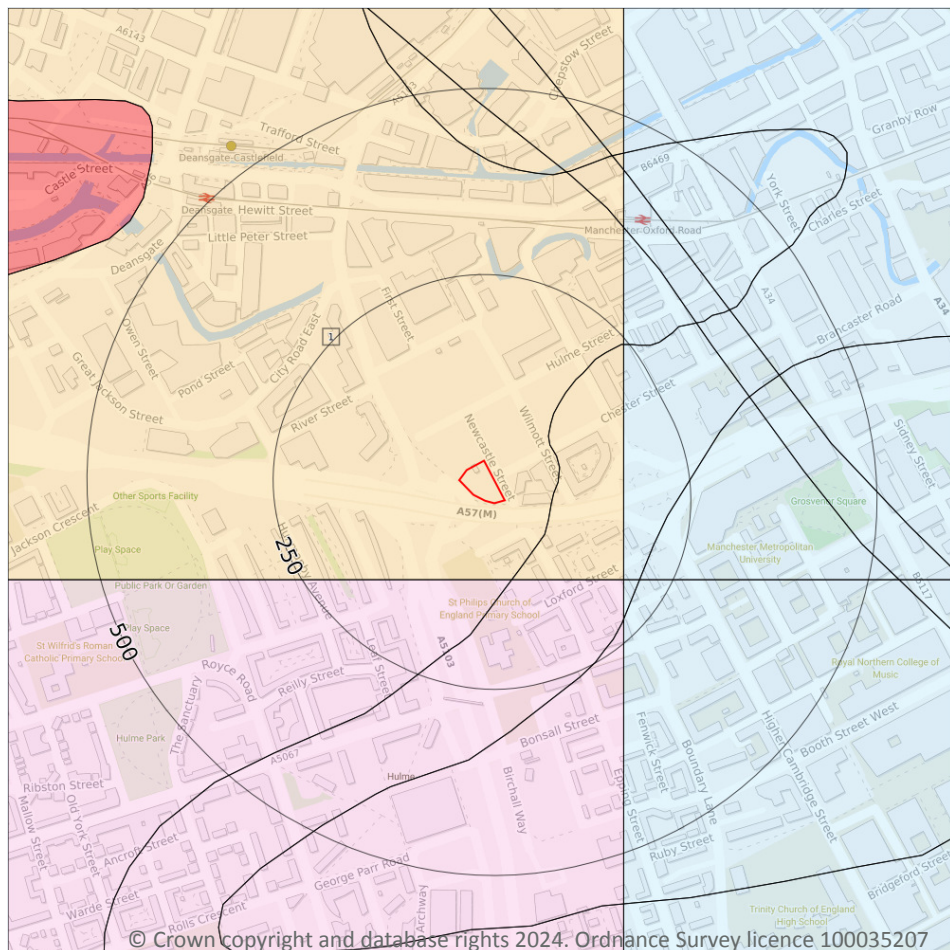
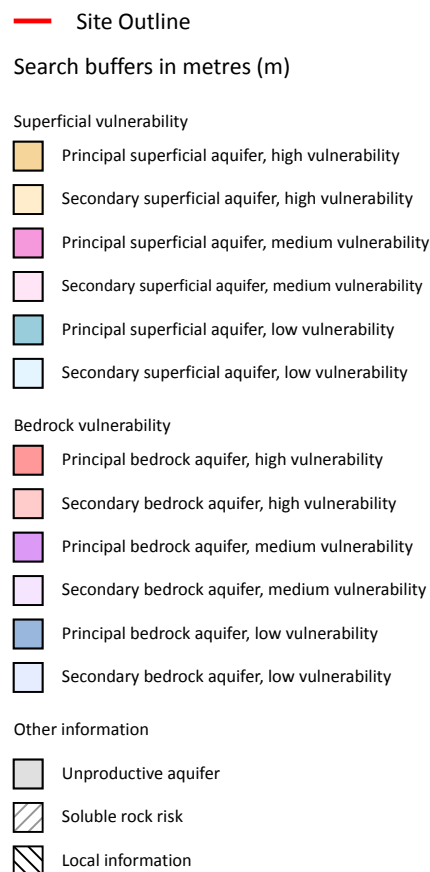
ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	340m NE	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

1

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

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

Features are displayed on the Groundwater vulnerability map on [page 70](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
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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.

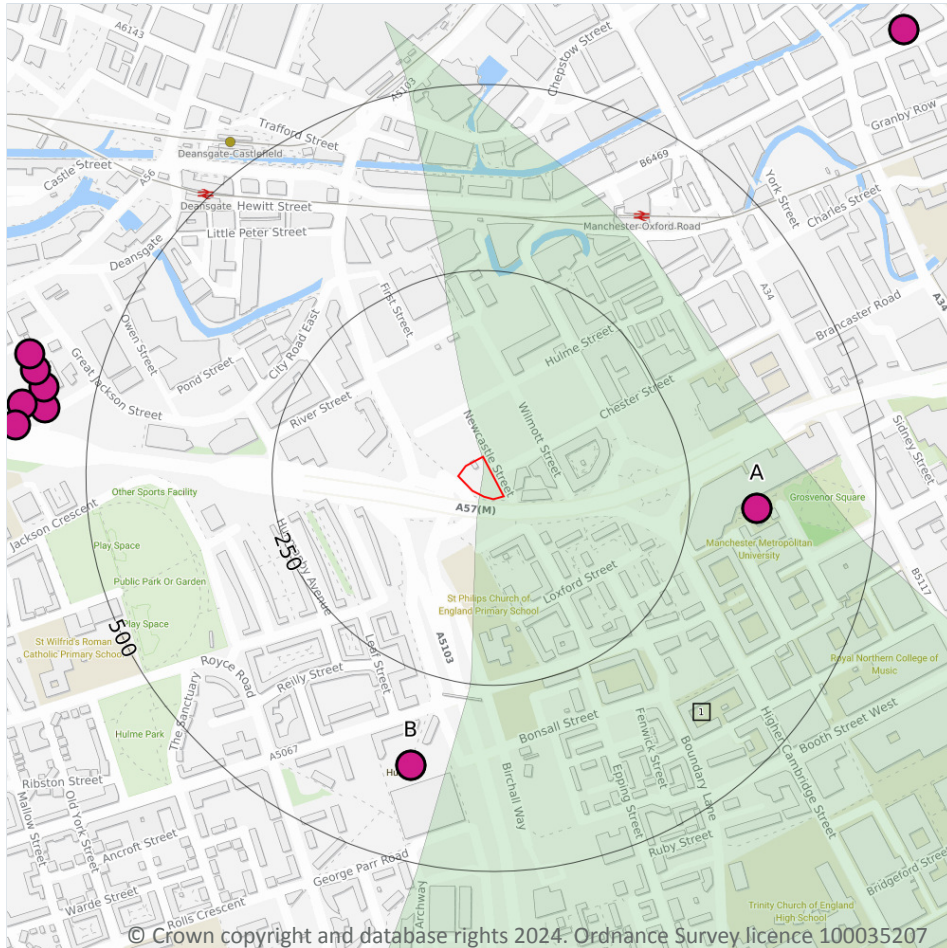
5.5 Groundwater vulnerability- local information

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

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

44

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 72 >](#)



ID	Location	Details	
A	340m E	Status: Active Licence No: NW/069/0006/003 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE 1 AT LOWER CHATHAM STREET Data Type: Point Name: Manchester Metropolitan University Easting: 384180 Northing: 397091	Annual Volume (m ³): 283240 Max Daily Volume (m ³): 1532 Original Application No: NPS/WR/015264 Original Start Date: 04/04/2014 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 04/04/2014 Version End Date: -
A	340m E	Status: Active Licence No: NW/069/0006/003 Details: Heat Pump Direct Source: Ground Water - North West Region Point: BOREHOLE 1 AT LOWER CHATHAM STREET Data Type: Point Name: Manchester Metropolitan University Easting: 384180 Northing: 397091	Annual Volume (m ³): 283240 Max Daily Volume (m ³): 1532 Original Application No: NPS/WR/015264 Original Start Date: 04/04/2014 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 04/04/2014 Version End Date: -
B	373m S	Status: Active Licence No: NW/069/0004/003 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT MANCHESTER METROPOLITAN UNIVERSITY Data Type: Point Name: Manchester Metropolitan University Easting: 383715 Northing: 396746	Annual Volume (m ³): 274115 Max Daily Volume (m ³): 751 Original Application No: NPS/WR/008077 Original Start Date: 20/09/2013 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2015 Version End Date: -
B	373m S	Status: Active Licence No: NW/069/0004/003 Details: Heat Pump Direct Source: Ground Water - North West Region Point: BOREHOLE AT MANCHESTER METROPOLITAN UNIVERSITY Data Type: Point Name: Manchester Metropolitan University Easting: 383715 Northing: 396746	Annual Volume (m ³): 274115 Max Daily Volume (m ³): 751 Original Application No: NPS/WR/008077 Original Start Date: 20/09/2013 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2015 Version End Date: -



ID	Location	Details	
C	562m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW8 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383224 Northing: 397225	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
C	568m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW9 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383223 Northing: 397253	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
C	585m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW10 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383211 Northing: 397276	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
C	594m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW5 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383193 Northing: 397230	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -



ID	Location	Details	
C	598m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW11 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383204 Northing: 397298	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
C	599m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW7 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383184 Northing: 397203	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
-	624m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW6 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383171 Northing: 397275	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
-	624m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW4 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383159 Northing: 397210	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -



ID	Location	Details	
-	644m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW3 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383140 Northing: 397217	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
-	673m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW2 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383113 Northing: 397230	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
-	703m W	Status: Historical Licence No: NW/069/0006/010 Details: Dewatering Direct Source: Ground Water - North West Region Point: BOREHOLE PW1 CHESTER FORMATION AT CROWN STREET Data Type: Point Name: Renaker Build Ltd Easting: 383085 Northing: 397249	Annual Volume (m ³): 260172 Max Daily Volume (m ³): 712.8 Original Application No: NPS/WR/034474 Original Start Date: 24/09/2021 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 24/09/2021 Version End Date: -
D	805m NE	Status: Historical Licence No: NW0690006001 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLES AT ORIGIN DEVELOPMENTS, MANCHESTER Data Type: Point Name: West Contracting Easting: 384378 Northing: 397733	Annual Volume (m ³): 139128 Max Daily Volume (m ³): 1010 Original Application No: - Original Start Date: 19/01/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 19/01/2009 Version End Date: -



ID	Location	Details	
D	805m NE	Status: Historical Licence No: NW/069/0006/001 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLES AT ORIGIN DEVELOPMENTS, MANCHESTER Data Type: Point Name: West Contracting Easting: 384378 Northing: 397733	Annual Volume (m ³): 139128 Max Daily Volume (m ³): 1010 Original Application No: - Original Start Date: 19/01/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 19/01/2009 Version End Date: -
-	887m N	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: -
-	887m N	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: -
-	902m NW	Status: Active Licence No: NW/069/0004/021 Details: Heat Pump Direct Source: Ground Water - North West Region Point: CHESTER FORMATION AT SCIENCE MUSEUM (A) Data Type: Point Name: Science Museum Group Easting: 383198 Northing: 397829	Annual Volume (m ³): 346000 Max Daily Volume (m ³): 1728 Original Application No: NPS/WR/035329 Original Start Date: 31/03/2023 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 31/03/2023 Version End Date: -
-	951m NW	Status: Active Licence No: NW/069/0004/021 Details: Heat Pump Direct Source: Ground Water - North West Region Point: CHESTER FORMATION AT SCIENCE MUSEUM (B) Data Type: Point Name: Science Museum Group Easting: 383143 Northing: 397845	Annual Volume (m ³): 346000 Max Daily Volume (m ³): 1728 Original Application No: NPS/WR/035329 Original Start Date: 31/03/2023 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 31/03/2023 Version End Date: -



ID	Location	Details	
-	1087m NW	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): 543120 Max Daily Volume (m ³): 1488 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: -
-	1137m NW	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: -
-	1188m NW	Status: Active Licence No: NW/069/0004/022 Details: Dewatering Direct Source: Ground Water - North West Region Point: ABSTRACTION AREA AT TRINITY ISLANDS, MANCHESTER Data Type: Poly4 Name: Renaker Build Ltd Easting: 382705 Northing: 397822	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/036441 Original Start Date: 05/09/2023 Expiry Date: 31/10/2024 Issue No: 1 Version Start Date: 05/09/2023 Version End Date: -
-	1194m S	Status: Active Licence No: 2569007007 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES MOSS SIDE MANCHESTER Data Type: Point Name: Heineken UK Ltd Easting: 383865 Northing: 395909	Annual Volume (m ³): 227000 Max Daily Volume (m ³): 900 Original Application No: NPS/WR/015793 Original Start Date: 15/02/1966 Expiry Date: - Issue No: 103 Version Start Date: 08/05/2014 Version End Date: -

ID	Location	Details	
-	1194m S	Status: Active Licence No: 2569007007 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES MOSS SIDE MANCHESTER Data Type: Point Name: Heineken UK Ltd Easting: 383865 Northing: 395909	Annual Volume (m ³): 227000 Max Daily Volume (m ³): 900 Original Application No: NPS/WR/015793 Original Start Date: 15/02/1966 Expiry Date: - Issue No: 103 Version Start Date: 08/05/2014 Version End Date: -
-	1205m S	Status: Historical Licence No: 2569007007 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, MOSS SIDE, MANCHESTER" Data Type: Point Name: SCOTTISH COURAGE BREWING LTD Easting: 383900 Northing: 395900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/08/1995 Version End Date: -
-	1205m S	Status: Historical Licence No: 2569007007 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, MOSS SIDE, MANCHESTER" Data Type: Point Name: SCOTTISH COURAGE BREWING LTD Easting: 383900 Northing: 395900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/08/1995 Version End Date: -
-	1205m S	Status: Historical Licence No: 2569007007 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, MOSS SIDE, MANCHESTER Data Type: Point Name: SCOTTISH COURAGE BREWING LTD Easting: 383900 Northing: 395900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/12/2003 Version End Date: -



ID	Location	Details	
-	1205m S	Status: Historical Licence No: 2569007007 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, MOSS SIDE, MANCHESTER Data Type: Point Name: SCOTTISH COURAGE BREWING LTD Easting: 383900 Northing: 395900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/12/2003 Version End Date: -
-	1205m S	Status: Historical Licence No: 2569007007 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES MOSS SIDE MANCHESTER Data Type: Point Name: Heineken UK Ltd Easting: 383900 Northing: 395900	Annual Volume (m ³): 227000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 23/11/2009 Version End Date: -
-	1205m S	Status: Historical Licence No: 2569007007 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES MOSS SIDE MANCHESTER Data Type: Point Name: Heineken UK Ltd Easting: 383900 Northing: 395900	Annual Volume (m ³): 227000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 23/11/2009 Version End Date: -
-	1389m SW	Status: Historical Licence No: 2569007009 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, MOSS LANE WEST MANCHESTER" Data Type: Point Name: HYDES BREWERY LTD Easting: 383220 Northing: 395850	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/10/2000 Version End Date: -



ID	Location	Details	
-	1389m SW	Status: Historical Licence No: 2569007009 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, MOSS LANE WEST MANCHESTER" Data Type: Point Name: HYDES BREWERY LTD Easting: 383220 Northing: 395850	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/10/2000 Version End Date: -
-	1389m SW	Status: Historical Licence No: 2569007009 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, MOSS LANE WEST MANCHESTER Data Type: Point Name: HYDES BREWERY LTD Easting: 383220 Northing: 395850	Annual Volume (m ³): 66826.2 Max Daily Volume (m ³): 372.772 Original Application No: - Original Start Date: 21/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/10/2000 Version End Date: -
-	1389m SW	Status: Historical Licence No: 2569007009 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, MOSS LANE WEST MANCHESTER Data Type: Point Name: HYDES BREWERY LTD Easting: 383220 Northing: 395850	Annual Volume (m ³): 66826.2 Max Daily Volume (m ³): 372.772 Original Application No: - Original Start Date: 21/02/1966 Expiry Date: - Issue No: 103 Version Start Date: 19/07/2018 Version End Date: -
-	1465m E	Status: Historical Licence No: 2569006001 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, BROADIE ST, ARDWICK, MANCHESTER" Data Type: Point Name: MOSELEY RUBBER CO LTD Easting: 385240 Northing: 397540	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 08/02/1966 Version End Date: -

ID	Location	Details	
-	1465m E	Status: Historical Licence No: 2569006001 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, BROADIE ST, ARDWICK, MANCHESTER Data Type: Point Name: MOSELEY RUBBER CO LTD Easting: 385240 Northing: 397540	Annual Volume (m ³): 331858 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: 08/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 08/02/1966 Version End Date: -
-	1544m N	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: -
-	1544m N	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: -
-	1544m N	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	
-	1906m E	Status: Historical Licence No: NW/069/0004/005 Details: Heat Pump Direct Source: Ground Water - North West Region Point: AREA OF ABSTRACTION - LOWER CARBONIFEROUS LIMESTONE Data Type: Poly4 Name: G T Energy UK Limited Easting: 385729 Northing: 396778	Annual Volume (m ³): 2049840 Max Daily Volume (m ³): 8640 Original Application No: - Original Start Date: 17/01/2013 Expiry Date: 16/01/2037 Issue No: 2 Version Start Date: 11/06/2013 Version End Date: -
-	1989m NW	Status: Active Licence No: 2569007085 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT HOPE STREET, SALFORD, MANCHESTER Data Type: Point Name: CEMEX UK MATERIALS LTD Easting: 382190 Northing: 398330	Annual Volume (m ³): 23000 Max Daily Volume (m ³): 115 Original Application No: NPS/WR/030716 Original Start Date: 01/11/2000 Expiry Date: - Issue No: 4 Version Start Date: 21/12/2018 Version End Date: -
-	1989m NW	Status: Historical Licence No: 2569007085 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT HOPE STREET, SALFORD, MANCHESTER" Data Type: Point Name: READY MIXED CONCRETE (NORTH WEST) LIMITED Easting: 382190 Northing: 398330	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/11/2000 Expiry Date: - Issue No: 1 Version Start Date: 01/11/2000 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

2

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 72 >](#)



ID	Location	Details	
-	1306m W	Status: Historical Licence No: 2569007053 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "R IRWELL AT IRWELL WORKS, ORDSALL LANE, SALFORD" Data Type: Point Name: CDS COMPUTER DESIGN SYSTEMS LTD Easting: 382500 Northing: 397400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/11/1987 Version End Date: -
-	1306m W	Status: Historical Licence No: 2569007053 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: R IRWELL AT IRWELL WORKS, ORDSALL LANE, SALFORD Data Type: Point Name: CDS COMPUTER DESIGN SYSTEMS LTD Easting: 382500 Northing: 397400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/11/1987 Version End Date: -

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

5.8 Potable abstractions

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

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

5.9 Source Protection Zones

Records within 500m	1
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 72 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment



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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

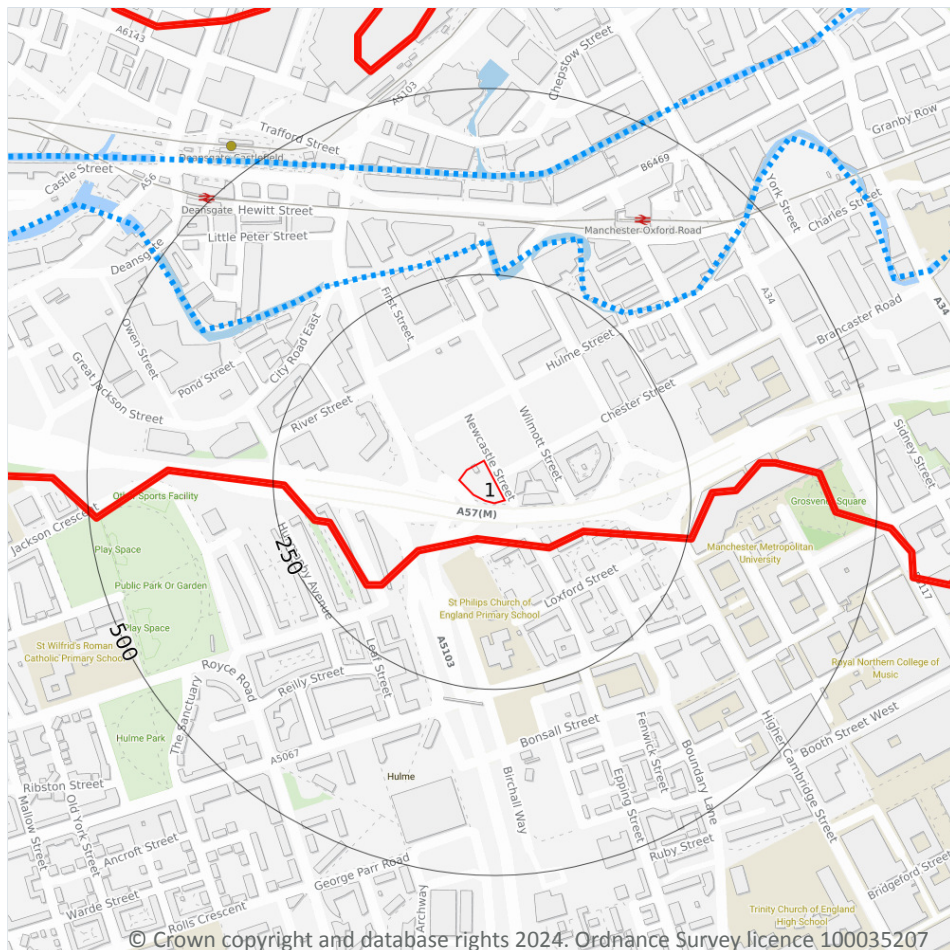
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

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

1

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

Features are displayed on the Hydrology map on [page 86 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
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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 86 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Medlock (Lumb Brook to Irwell)	GB112069061152	Roch Irk Medlock	Irwell

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

6.4 WFD Surface water bodies

Records identified	1
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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 86 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	254m N	River	Medlock (Lumb Brook to Irwell)	GB112069061152 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	1
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Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 86](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Manchester and East Cheshire Permo-Triassic Sandstone Aquifers	GB41201G101100 ↗	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



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on [page 92 >](#)

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

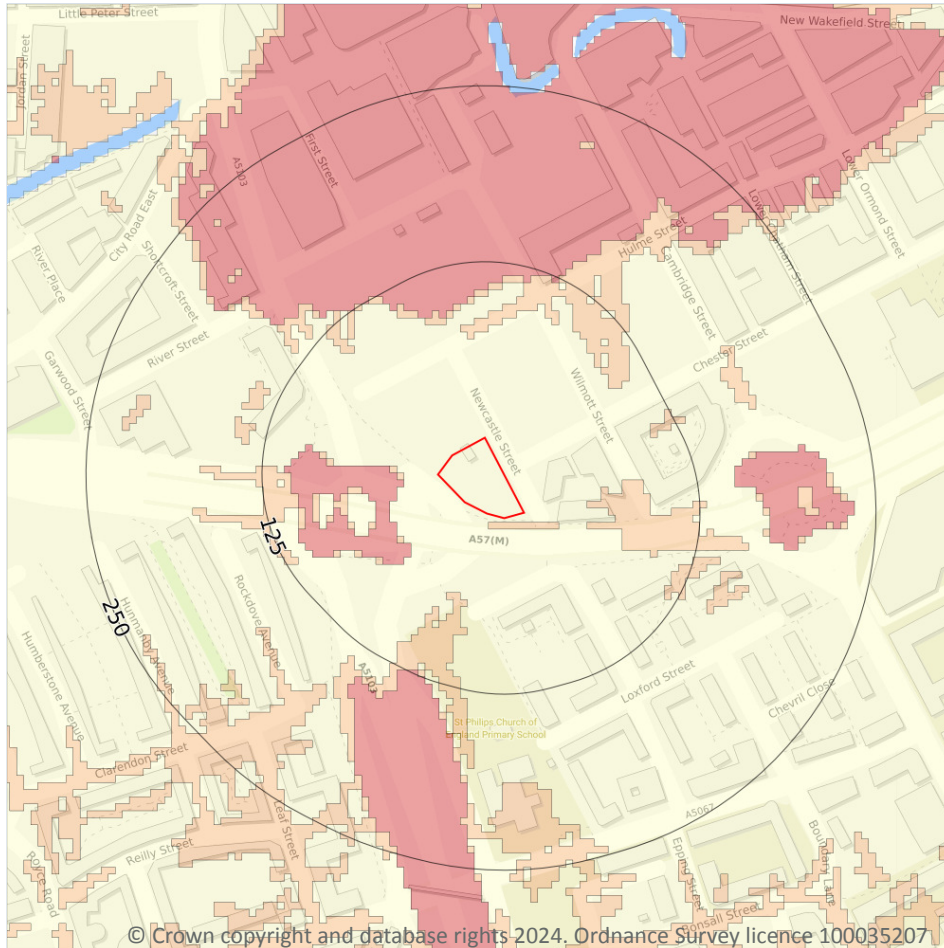
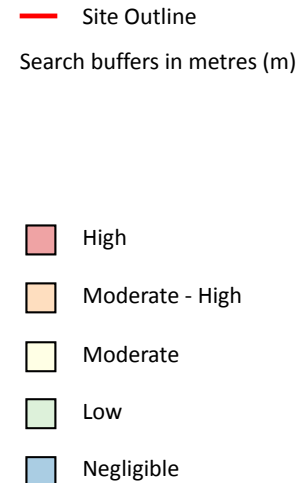
The table below shows the maximum flood depths for a range of return periods for the site.

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

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site	Moderate
Highest risk within 50m	High

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

Features are displayed on the Groundwater flooding map on [page 94](#) >

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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



10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

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**3**

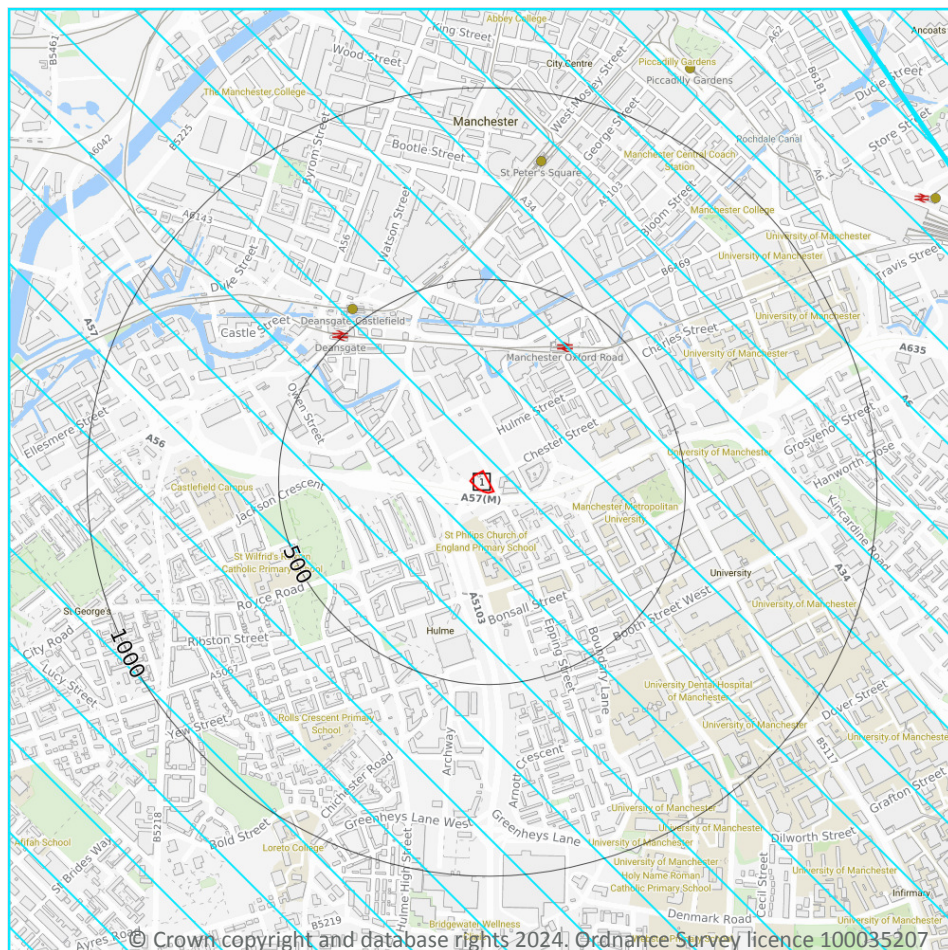
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
1332m N	River Irk (Moston Brook to River Irwell) NVZ	Surface Water	638	Existing
1460m N	River Irk (Moston Brook to River Irwell) NVZ	Surface Water	638	Existing
1656m NW	Irwell / Man. Ship Canal (Kearsley to Irlam Locks) NVZ	Surface Water	643	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 99 >](#)

ID	Location	Type of developments requiring consultation
1	On site	Air pollution - Livestock & poultry units with floorspace > 500m ² , slurry lagoons & digestate stores > 4000m ² . 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

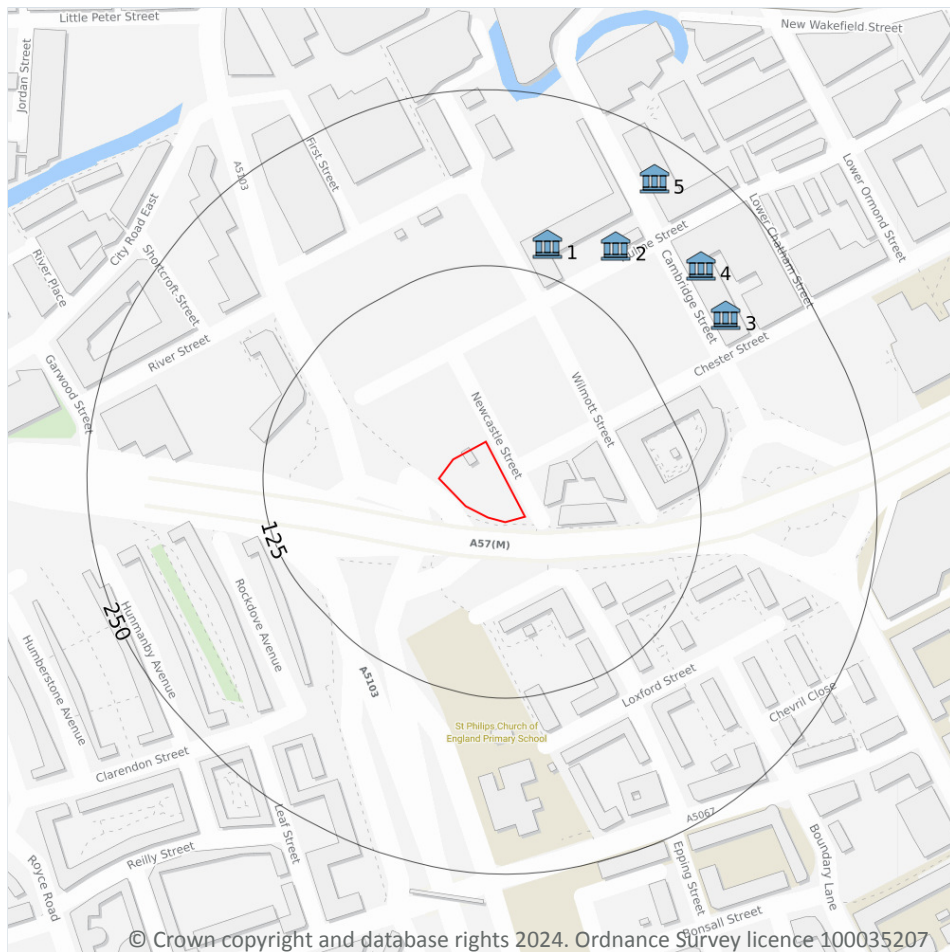
0

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

5

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 101 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	147m N	Former Cotton Mill On West Side Of Junction With Cambridge Street	II	1282998	06/06/1994
2	167m NE	Mill Chimney Stack On West Side Of Junction With Cambridge Street	II	1218746	06/06/1994
3	193m NE	Mill On North East Corner Of Junction With Chester Street	II	1197776	11/03/1988
4	197m NE	Chorlton Old Mill	II	1197775	11/03/1988
5	222m NE	Chorlton New Mill And Attached Chimney	II	1197774	11/03/1988



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

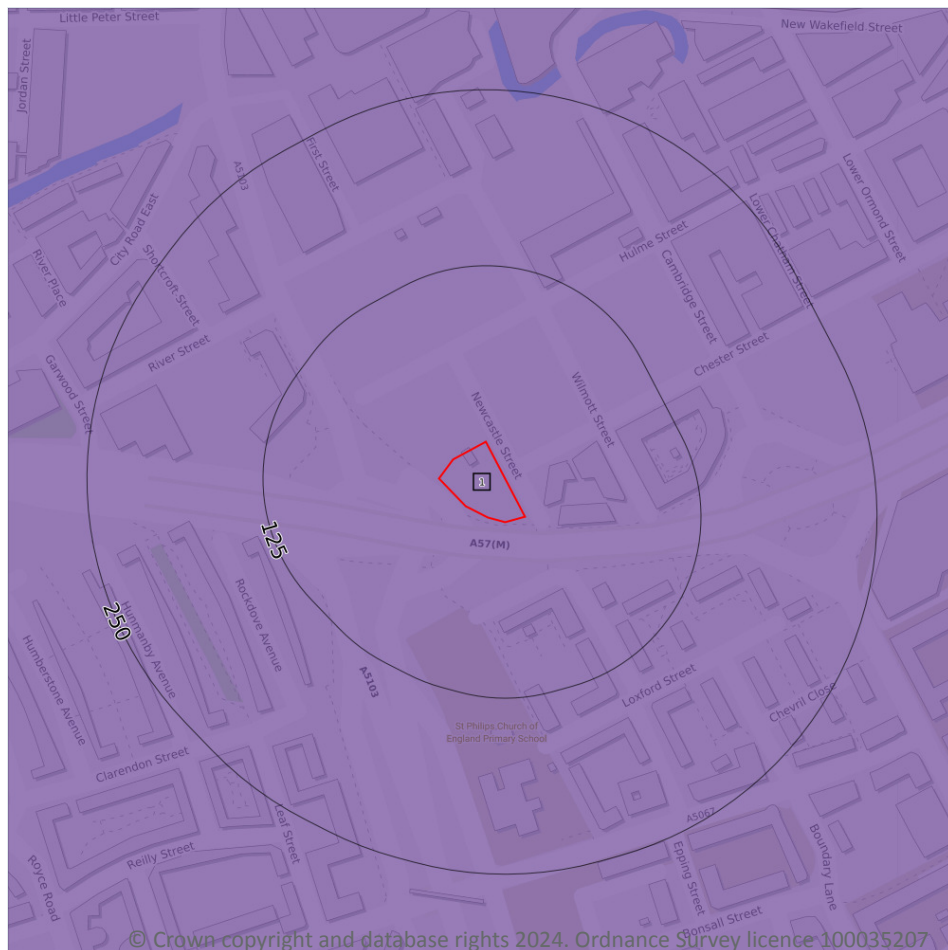
0

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 104](#) >

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.

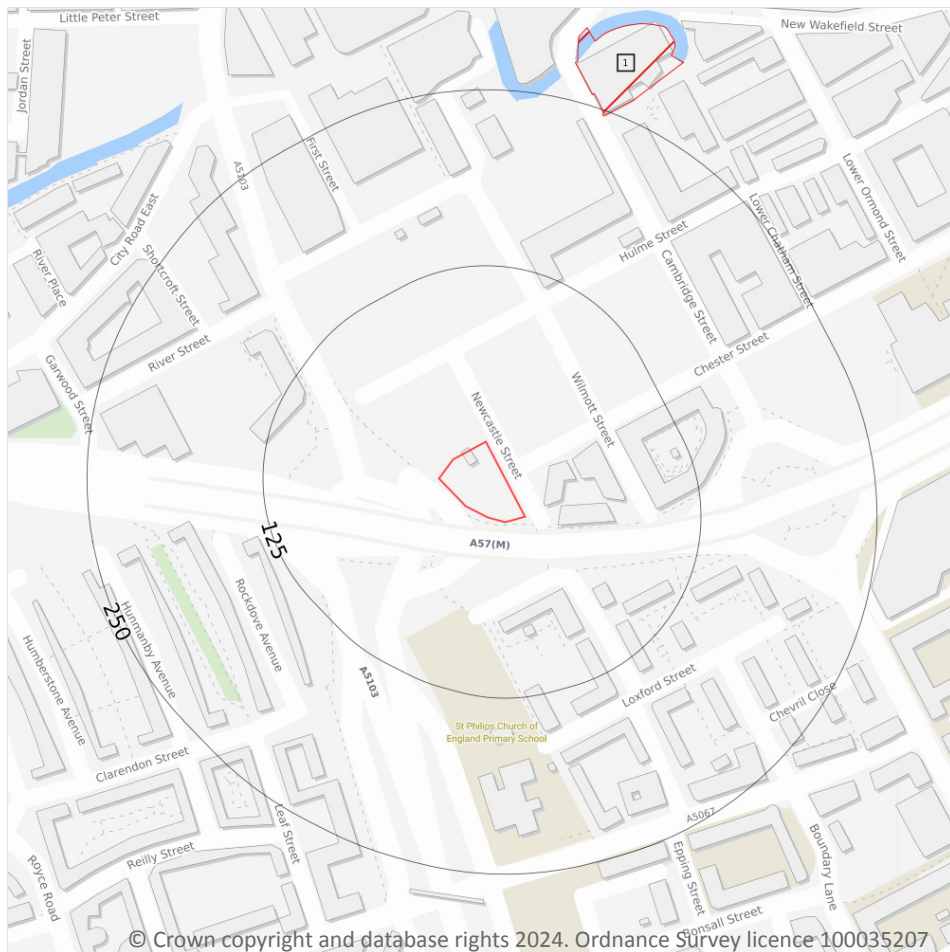
12.5 Countryside Stewardship Schemes

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 106](#) >

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	246m N	NLUD Ref: 421501068	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	-

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

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

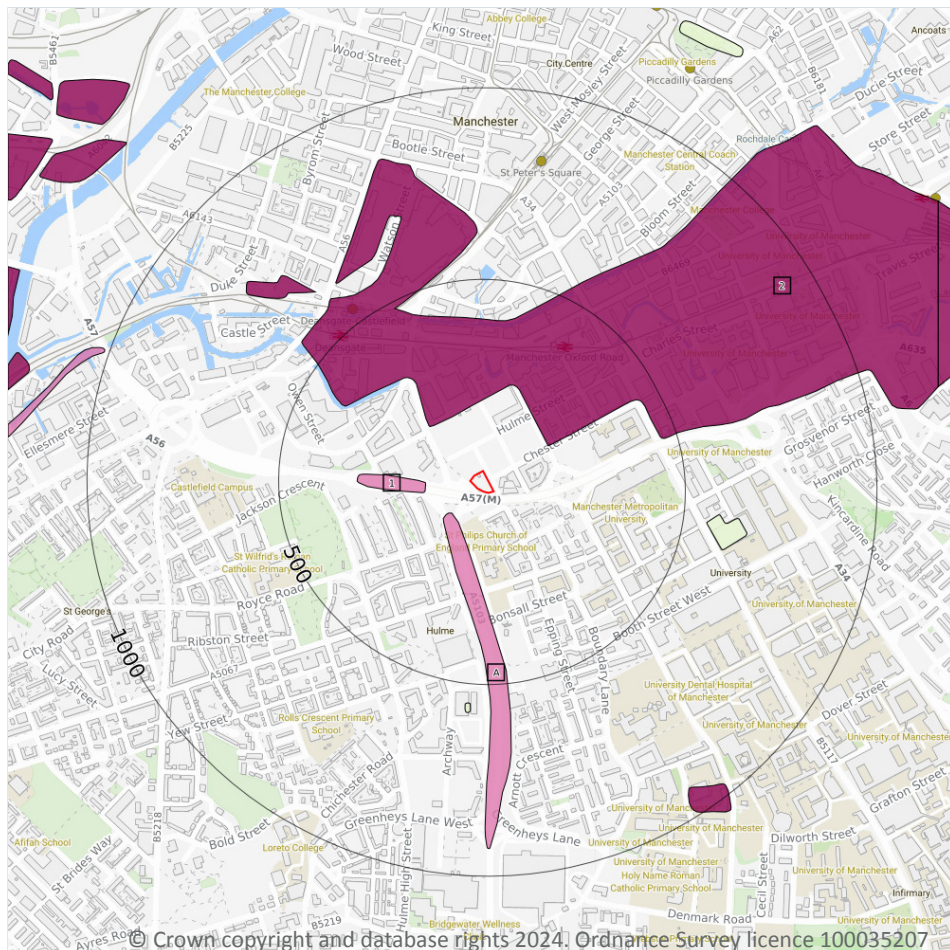
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 108](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SJ89NW

This data is sourced from the British Geological Survey.



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



— Site Outline
Search buffers in metres (m)

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

14.2 Artificial and made ground (10k)

Records within 500m

3

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

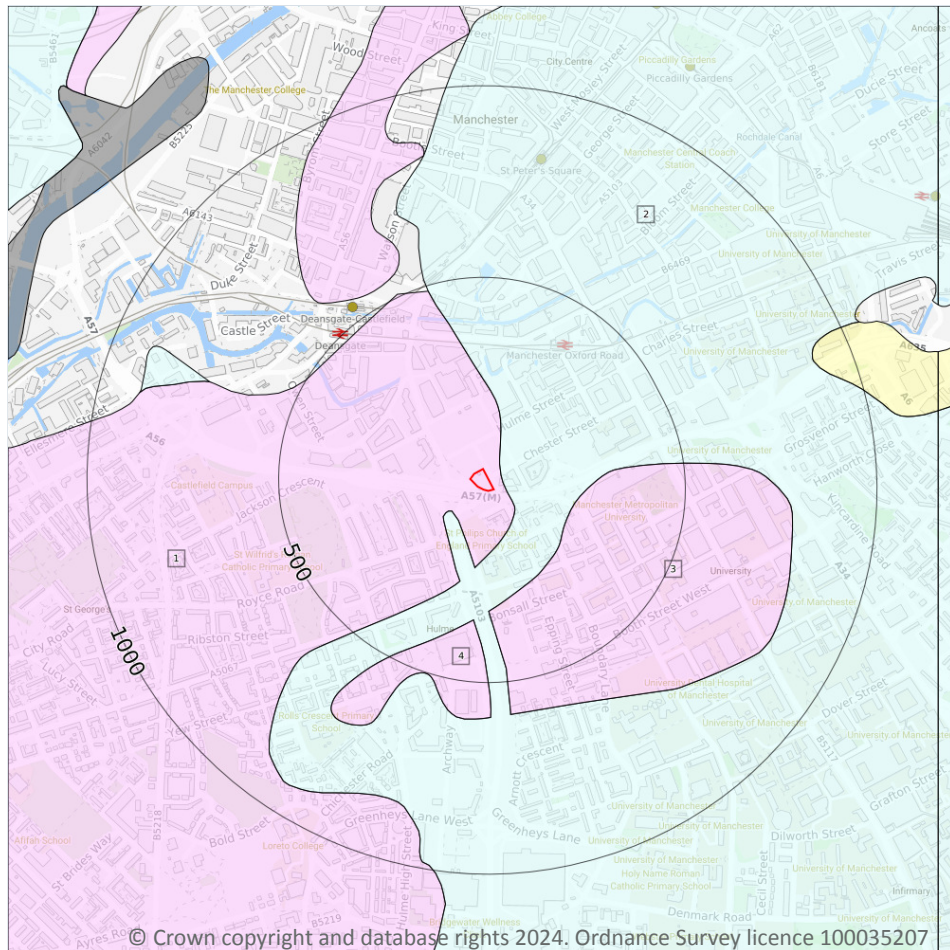
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 109](#) >

ID	Location	LEX Code	Description	Rock description
A	93m SW	WGR-VOID	Worked Ground (Undivided)	Void
1	117m W	WGR-VOID	Worked Ground (Undivided)	Void
2	163m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

4

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 110](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	GFSDDD-XSV	Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel	Sand And Gravel
2	30m E	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
3	206m SE	GFSDDD-XSV	Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel	Sand And Gravel
4	339m S	GFSDDD-XSV	Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel	Sand And Gravel



This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

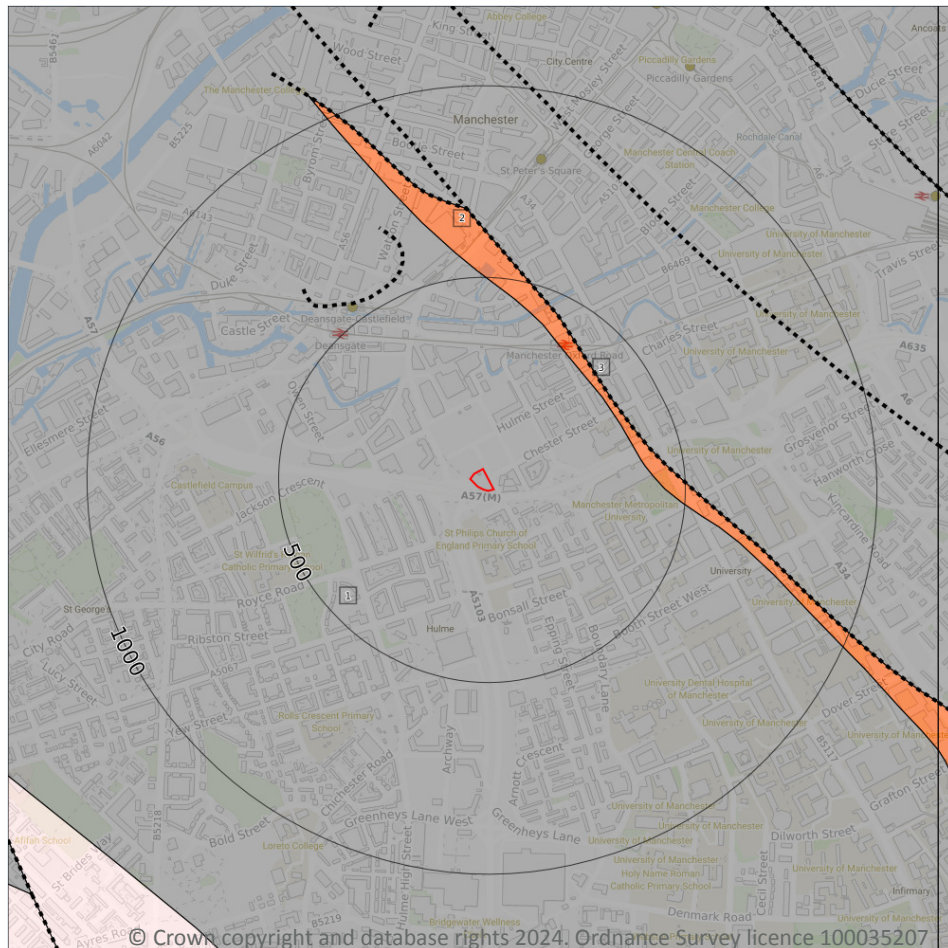
0

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

2

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 112](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
2	359m NE	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

1

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.

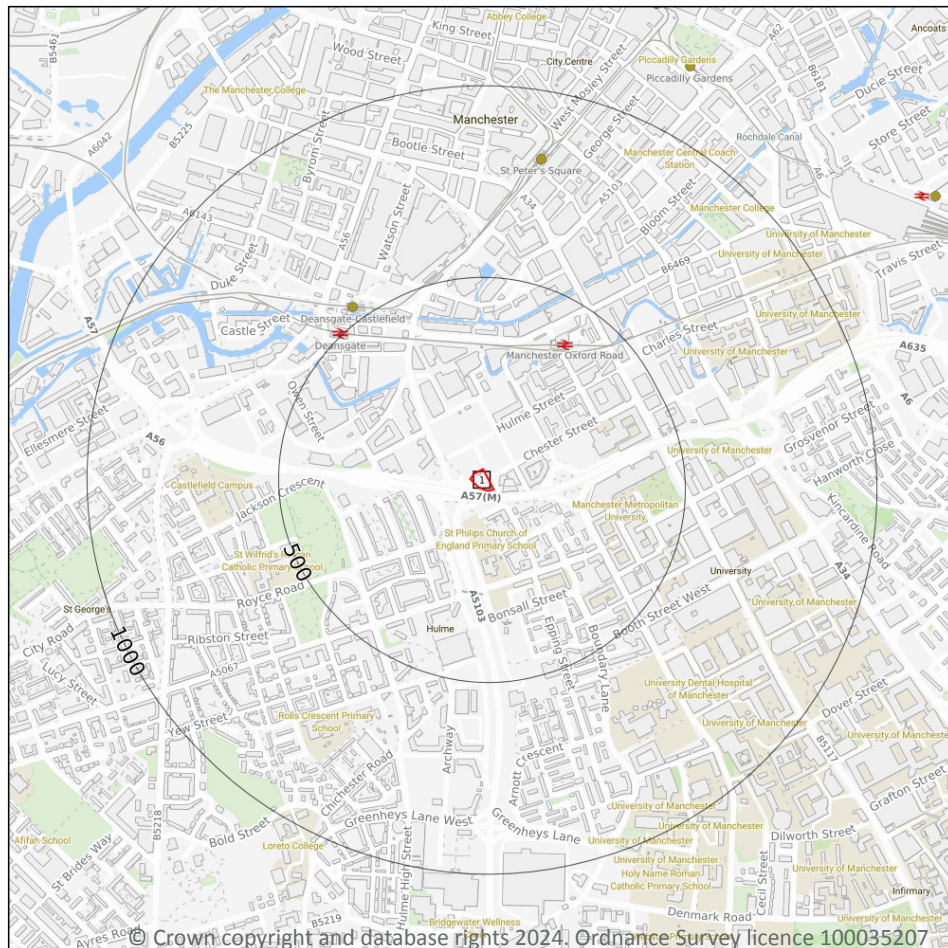
Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 112](#) >

ID	Location	Category	Description
3	381m NE	FAULT	Normal fault, inferred; crossmarks on downthrow side

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

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

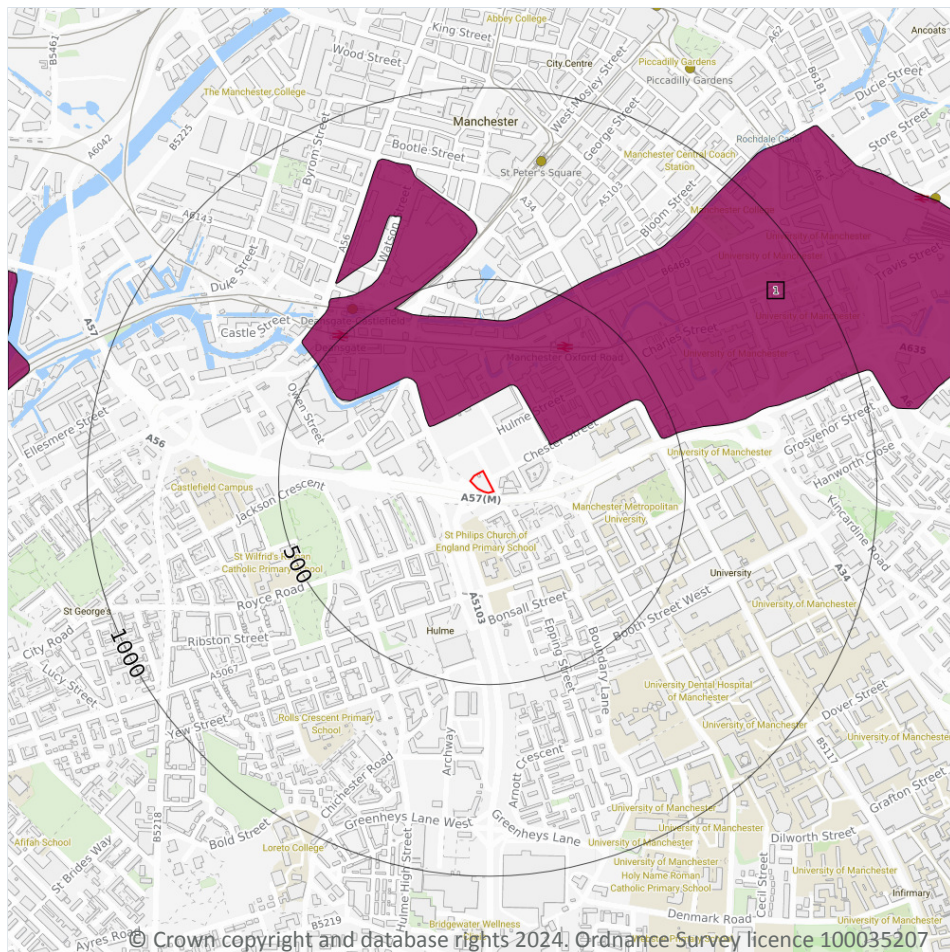
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 114](#) >

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

1

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 115 >](#)

ID	Location	LEX Code	Description	Rock description
1	163m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

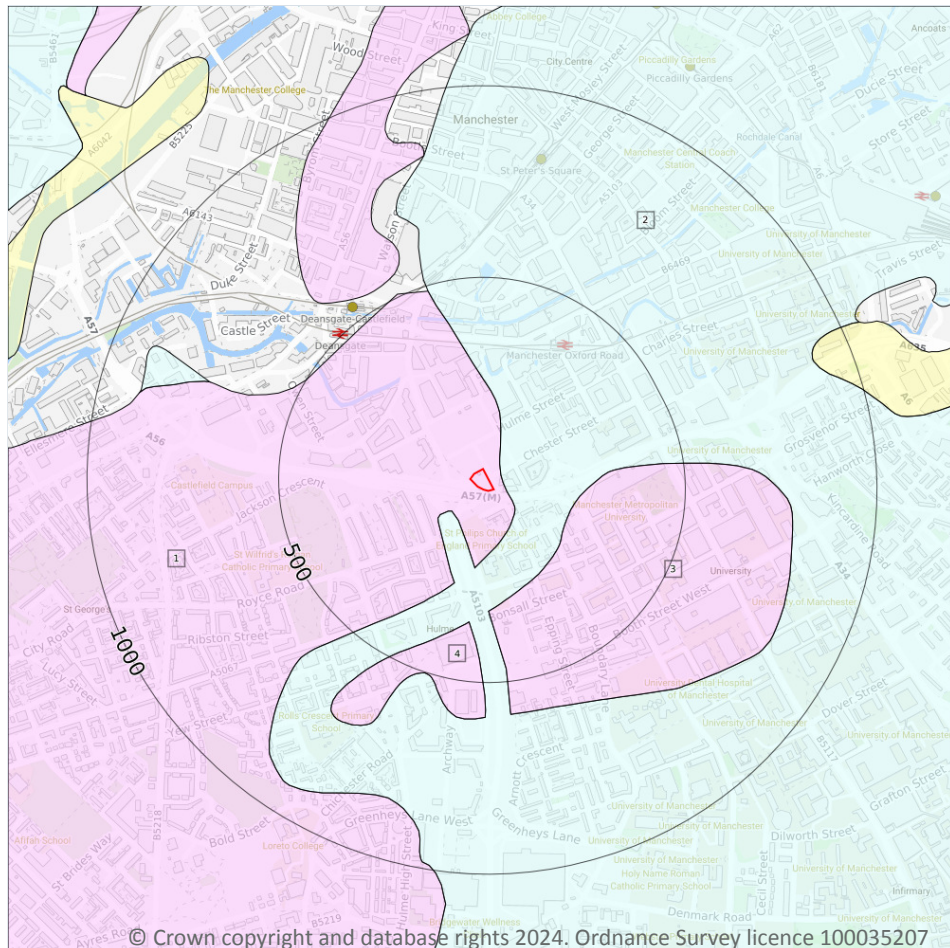
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

4

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 117](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	GFSDD-XSV	GLACIOFLUVIAL SHEET DEPOSITS, DEVENSIAN	SAND AND GRAVEL
2	30m E	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
3	206m SE	GFSDD-XSV	GLACIOFLUVIAL SHEET DEPOSITS, DEVENSIAN	SAND AND GRAVEL
4	345m S	GFSDD-XSV	GLACIOFLUVIAL SHEET DEPOSITS, DEVENSIAN	SAND AND GRAVEL



This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

2

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High
30m E	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

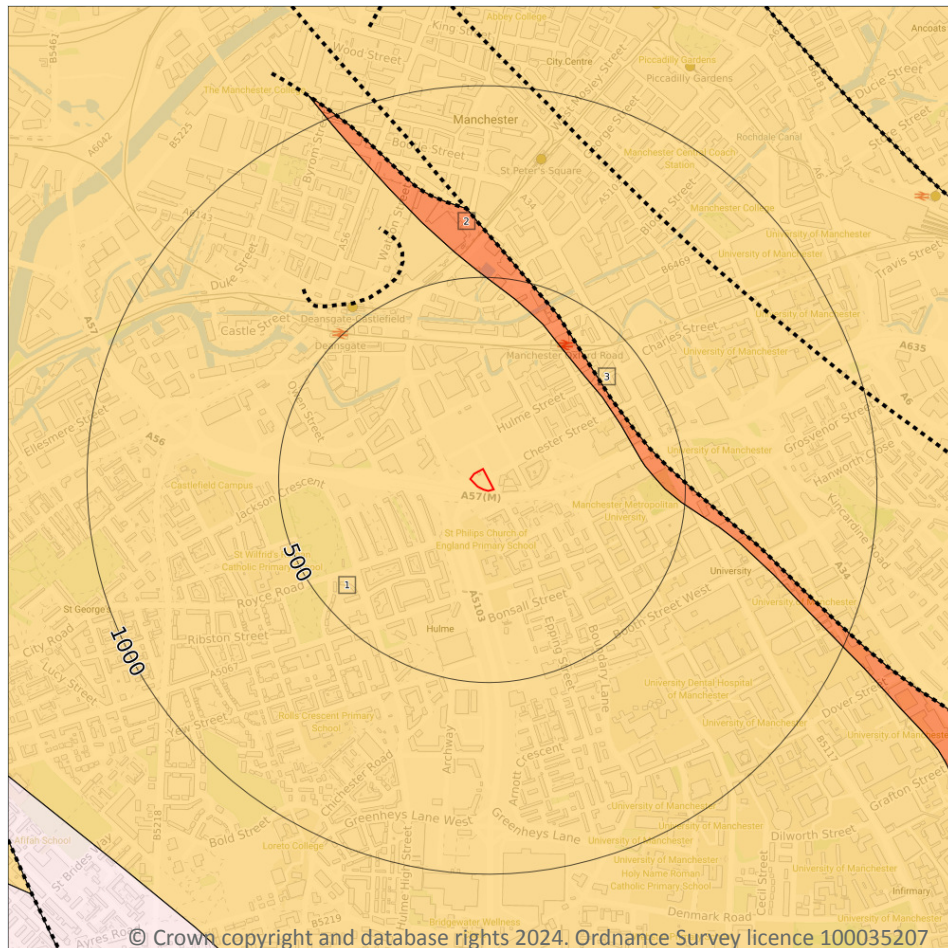
0

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

2

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 119](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CHES-SDST	CHESTER FORMATION - SANDSTONE	OLENEKIAN
2	359m NE	MM-MDST	MANCHESTER MARLS FORMATION - MUDSTONE	-

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

1

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.

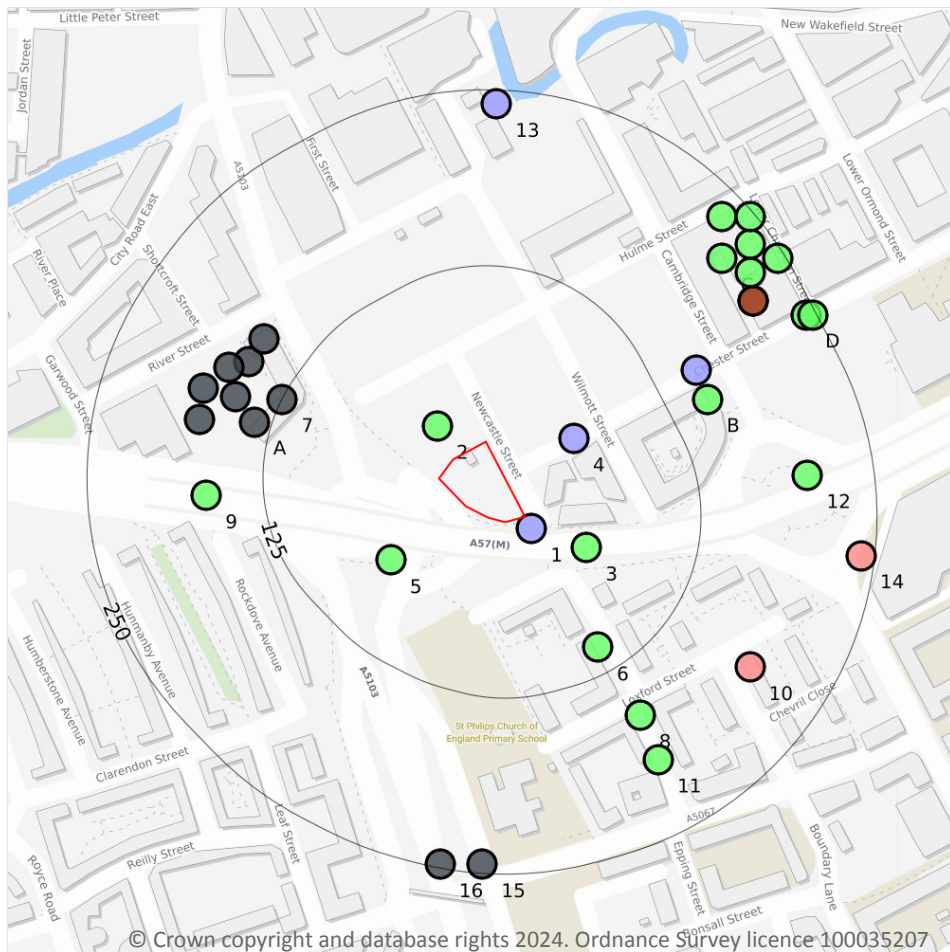
Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 119 >](#)

ID	Location	Category	Description
3	381m NE	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

34

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 121](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	10m SE	383845 397098	MANCHESTER CORP. K.SEWER	7.01	N	1042243 ↗
2	26m NW	383778 397171	MANCUNIAN WAY 6	14.94	N	1042493 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
3	49m SE	383884 397085	MANCUNIAN WAY 7	15.24	N	1042494 ↗
4	56m NE	383875 397162	MANCHESTER CORP. K.SEWER	9.45	N	1042244 ↗
5	65m SW	383745 397076	MANCUNIAN WAY 5	15.24	N	1042492 ↗
6	106m SE	383892 397014	MANCHESTER CORP. K.SEWER	10.67	N	1042242 ↗
7	125m NW	383668 397190	MEDLOCK STREET MANCHESTER TP 1	-	Y	N/A
A	137m W	383648 397174	MEDLOCK STREET MANCHESTER 1	-	Y	N/A
B	154m E	383970 397190	LOWER MEDLOCK UCISO'S CONTRACT 1 MAN 0285 504	15.0	N	1043424 ↗
A	156m W	383635 397192	MEDLOCK STREET MANCHESTER TP 3	-	Y	N/A
B	156m NE	383962 397211	MANCHESTER CORP. K.SEWER	9.75	N	1042245 ↗
A	159m NW	383644 397217	MEDLOCK STREET MANCHESTER TP 2	-	Y	N/A
A	159m NW	383655 397233	MEDLOCK STREET MANCHESTER 2	-	Y	N/A
8	163m SE	383922 396966	MANCHESTER CORP. HULME	10.97	N	1042240 ↗
9	166m W	383614 397122	MANCUNIAN WAY 4	13.11	N	1042491 ↗
A	169m NW	383630 397213	MEDLOCK STREET MANCHESTER TP 4	-	Y	N/A
A	175m W	383609 397176	MEDLOCK STREET MANCHESTER TP 5	-	Y	N/A
A	179m W	383612 397198	MEDLOCK STREET MANCHESTER TP 6	-	Y	N/A
10	192m SE	384000 397000	DYE WORKS OLD GARRATT MANCHESTER	98.76	N	1045463 ↗
11	197m SE	383935 396934	MANCHESTER CORP. K.SEWER	10.97	N	1042241 ↗
12	203m E	384041 397136	MANCUNIAN WAY 8	16.15	N	1042495 ↗
C	212m NE	383980 397290	HULME STREET MANCHESTER 9	10.8	N	1043323 ↗
C	214m NE	384002 397260	DUNLOP RUBBER CO. 1 CAMBRIDGE STREET	-1.0	N	1042396 ↗

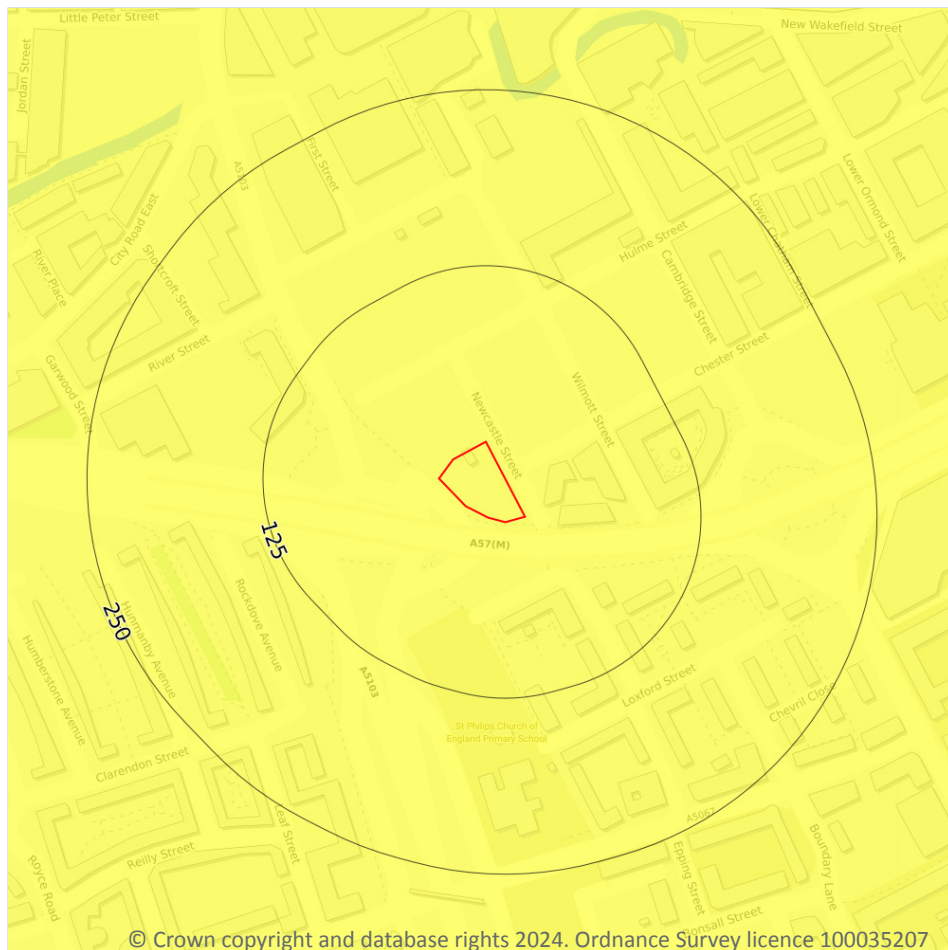


ID	Location	Grid reference	Name	Length	Confidential	Web link
C	223m NE	384000 397280	HULME STREET MANCHESTER 8	11.9	N	1043322 ↗
C	232m NE	383980 397320	HULME STREET MANCHESTER 10	10.3	N	1043324 ↗
C	234m NE	384000 397300	HULME STREET MANCHESTER 7/7A	11.1	N	1043321 ↗
13	240m N	383820 397400	LOWER MEDLOCK UCISO'S CONTRACT 1 MAN 0285 503/503A	8.0	N	1043423 ↗
14	240m E	384079 397079	MANCHESTER METROPOLITAN UNIVERSITY BH 2	100.0	N	18662695 ↗
15	243m S	383810 396860	STRET福德 ROAD / PRINCESS STREET 2	-	Y	N/A
D	243m NE	384040 397250	HULME STREET MANCHESTER 4	13.2	N	1043318 ↗
C	245m NE	384020 397290	HULME STREET MANCHESTER 5	12.0	N	1043319 ↗
C	247m NE	384000 397320	HULME STREET MANCHESTER 6	10.4	N	1043320 ↗
16	247m S	383780 396860	STRET福德 ROAD / PRINCESS STREET 4	-	Y	N/A
D	248m NE	384045 397250	MANCHESTER CORP. K.SEWER	10.06	N	1042246 ↗

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

17.2 Running sands

Records within 50m

1

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

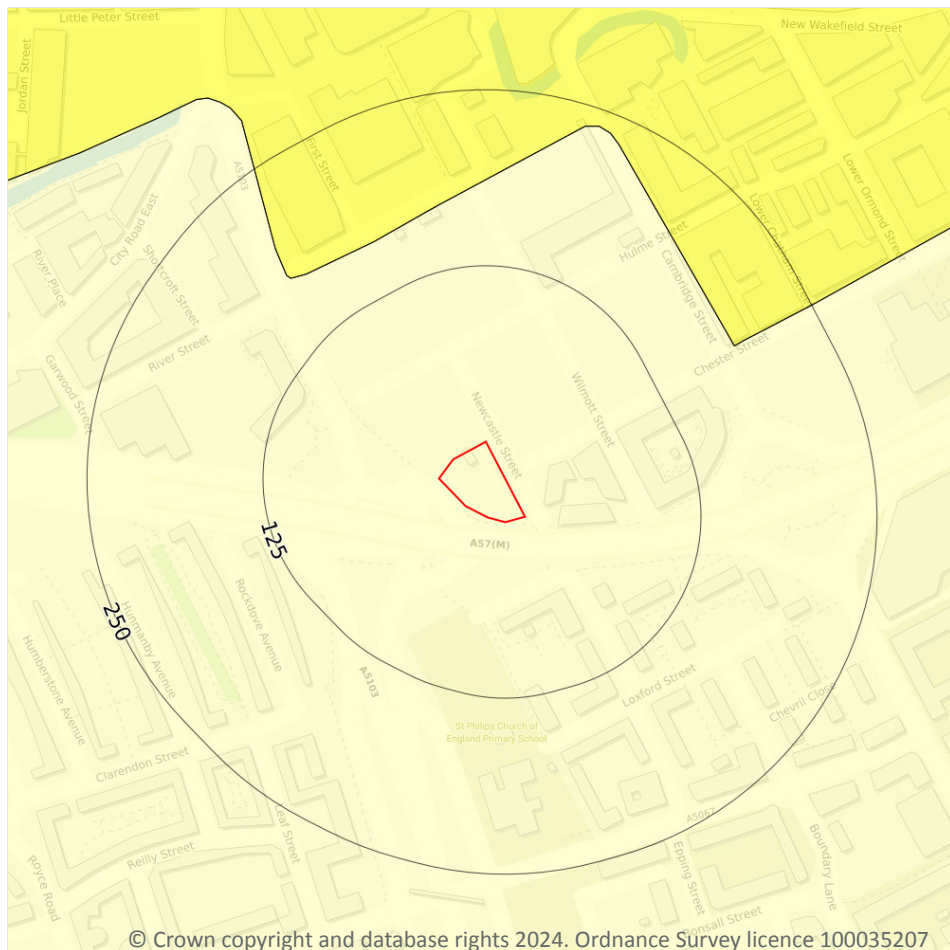
Features are displayed on the Natural ground subsidence - Running sands map on [page 125 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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

17.3 Compressible deposits

Records within 50m

1

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

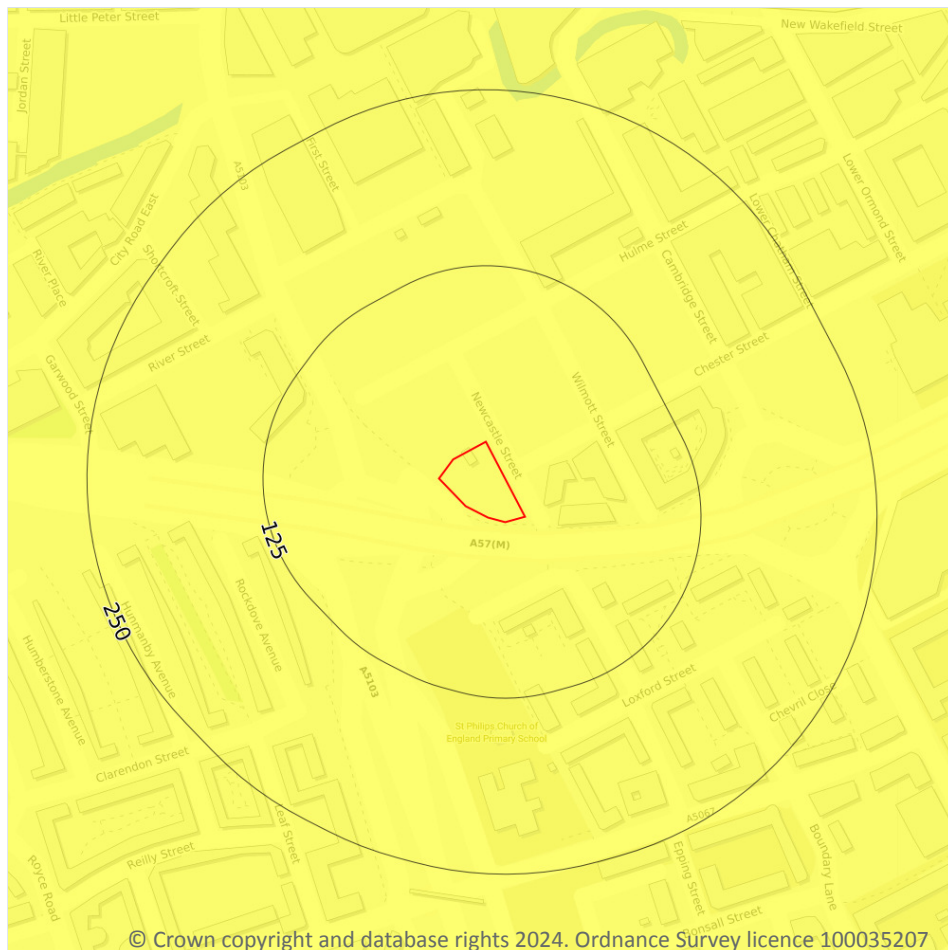
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 126 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



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

17.4 Collapsible deposits

Records within 50m

1

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

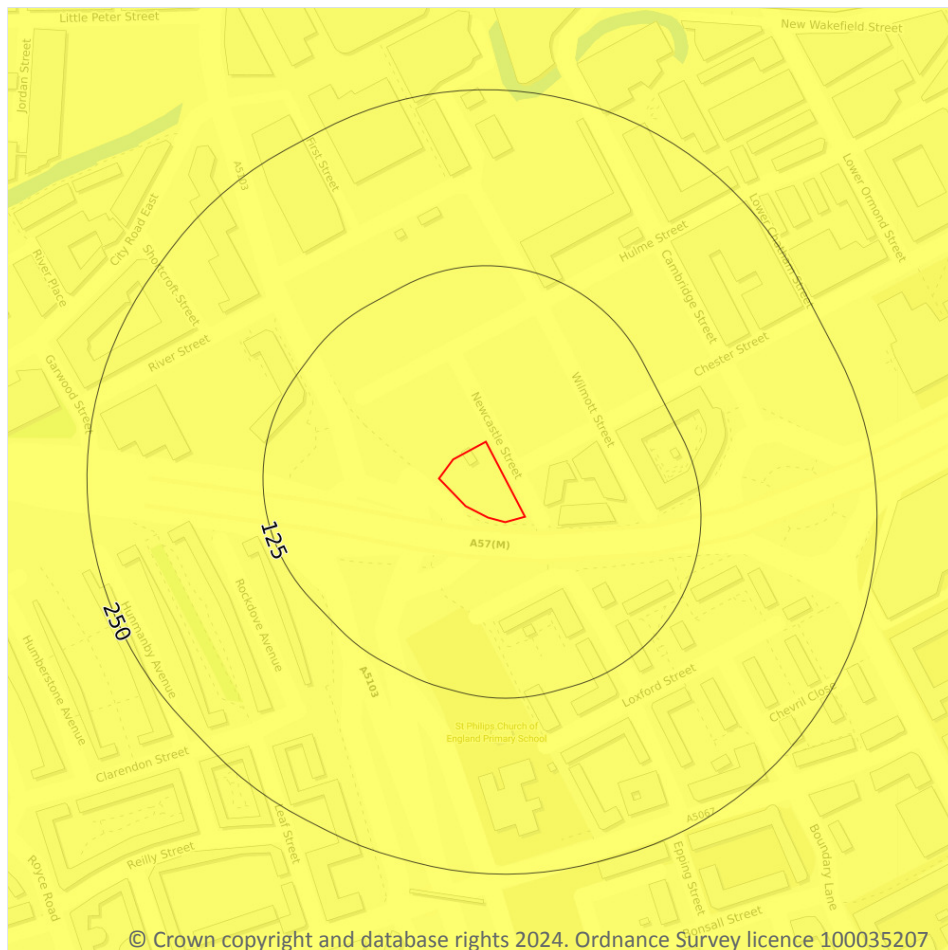
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 127 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



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

17.5 Landslides

Records within 50m

1

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

Features are displayed on the Natural ground subsidence - Landslides map on [page 128 >](#)

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 129](#) >

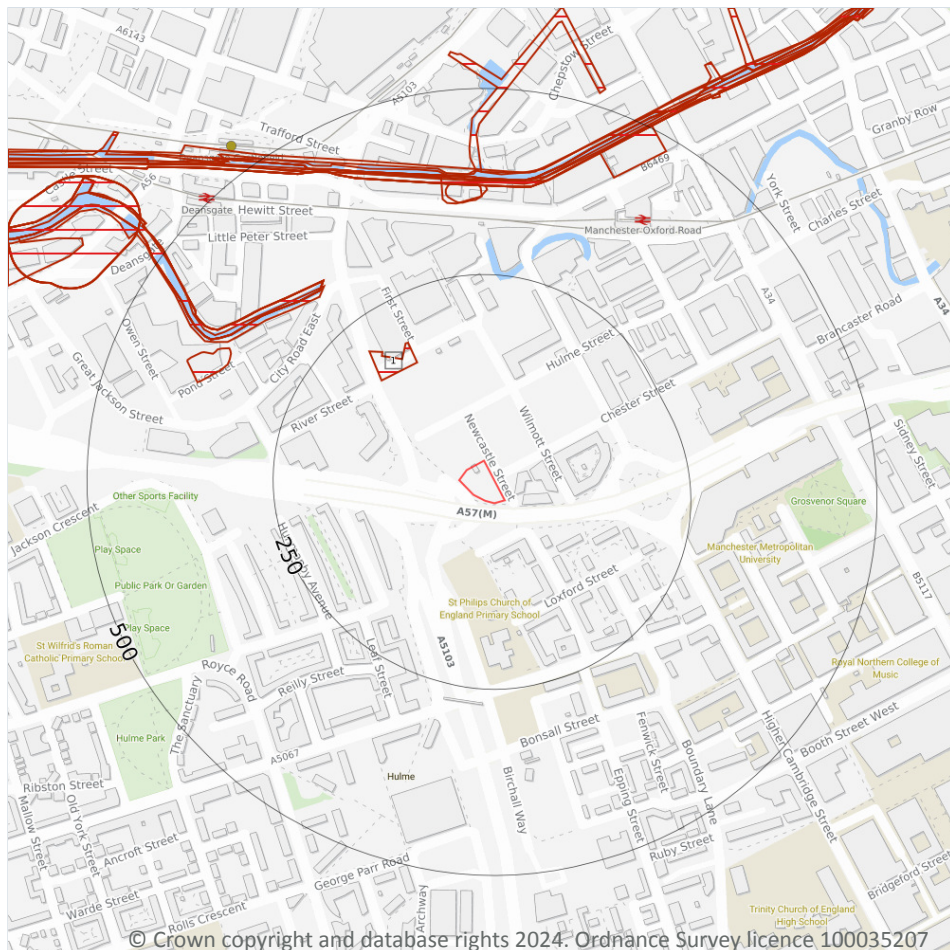
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining
- Non Coal Mining
 - Sporadic underground mining of restricted extent possible
 - Localised small scale underground mining possible
 - Small scale mining possible
 - Underground mining known or likely within or in close proximity
 - Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

0

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

This data is sourced from the British Geological Survey.



18.2 Surface ground workings

Records within 250m

1

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

Features are displayed on the Mining and ground workings map on [page 131](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
1	159m NW	Pond	1851	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

0

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

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

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

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

1

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

Location	Details
On site	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.

18.8 The Coal Authority non-coal mining

Records within 500m

0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

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



risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.12 Coal mining

Records on site

1

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

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

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site

0

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

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



18.14 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

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

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

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

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

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



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

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

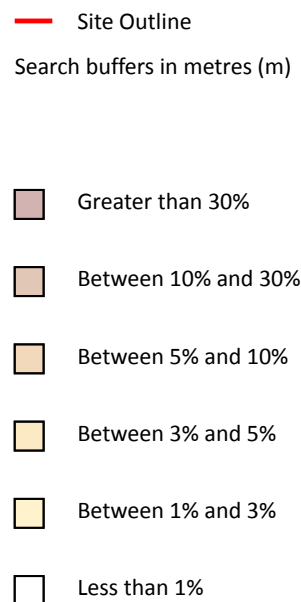
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over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

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

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 138](#) >

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



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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

1

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

6

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	22	3.8	96	66	0.5	101	31	29	11
On site	23	4	99	68	0.9	108	45	30	6
3m SE	22	3.8	98	67	0.6	88	31	26	11
12m S	22	3.8	96	66	0.8	94	43	28	6
40m N	21	3.7	102	70	0.5	98	30	28	11
42m N	22	3.8	104	71	0.9	104	47	29	7

This data is sourced from the British Geological Survey.



21.3 BGS Measured Urban Soil Chemistry

Records within 50m

1

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.

Location	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Tin (mg/kg)	Sample Type
45m NW	22.8	1.1	108.6	114.7	30.4	284.9	23.4	Topsoil

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m**0**

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m**0**

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m**0**

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m**0**

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

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m**0**

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.



This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

0

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

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: 1056 Scale Town Plan
Map date: 1851
Scale: 1:1,056
Printed at: 1:1,056

Map Legend:

Surveyed 1844
Revised N/A
Edition 1851
Copyright N/A
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Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: County Series

Map date: 1908

Scale: 1:2,500

Printed at: 1:2,500

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Grid Ref: 383809, 397131

Map Name: County Series

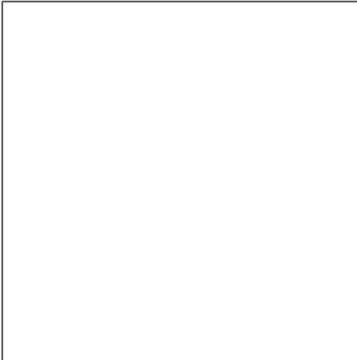
Map date: 1922

Scale: 1:2,500

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Grid Ref: 383809, 397131

Map Name: County Series

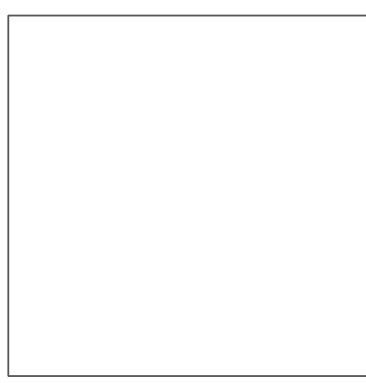
Map date: 1932

Scale: 1:2,500

Printed at: 1:2,500



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Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 1948-1951

Scale: 1:2,500

Printed at: 1:2,500



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Surveyed 1948
Revised 1948
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Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 1948-1953

Scale: 1:1,250

Printed at: 1:2,000



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Client Ref: EMS_917745_1137632
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Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 1949-1956

Scale: 1:2,500

Printed at: 1:2,500



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Revised 1953
Edition N/A
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Grid Ref: 383809, 397131

Map Name: National Grid

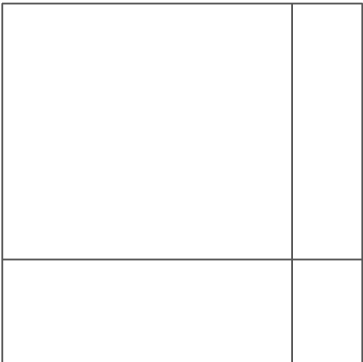
Map date: 1961-1965

Scale: 1:2,500

Printed at: 1:2,500



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Edition N/A
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Surveyed 1963
Revised 1963
Edition N/A
Copyright 1965
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Surveyed 1961
Revised 1961
Edition N/A
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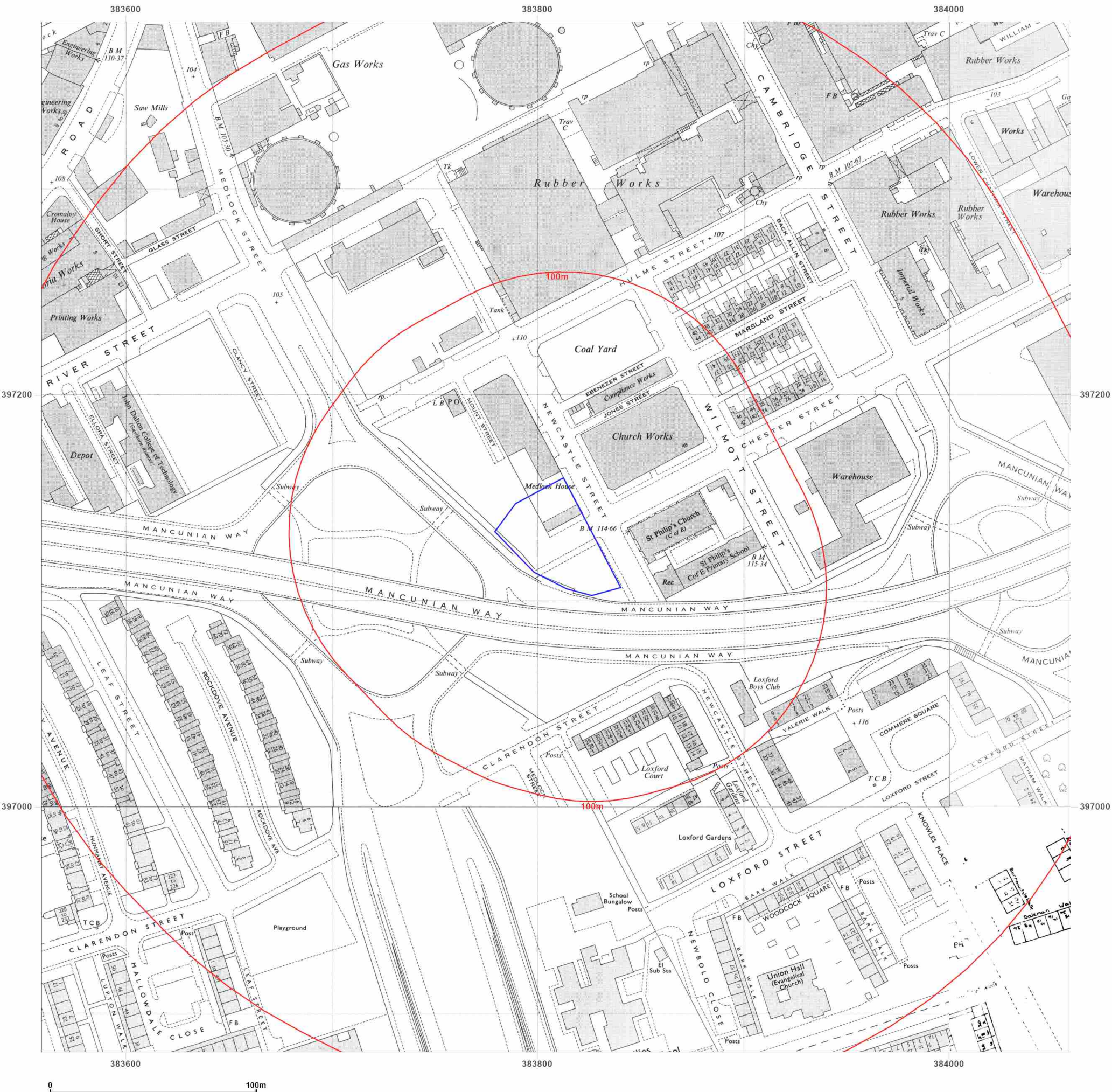


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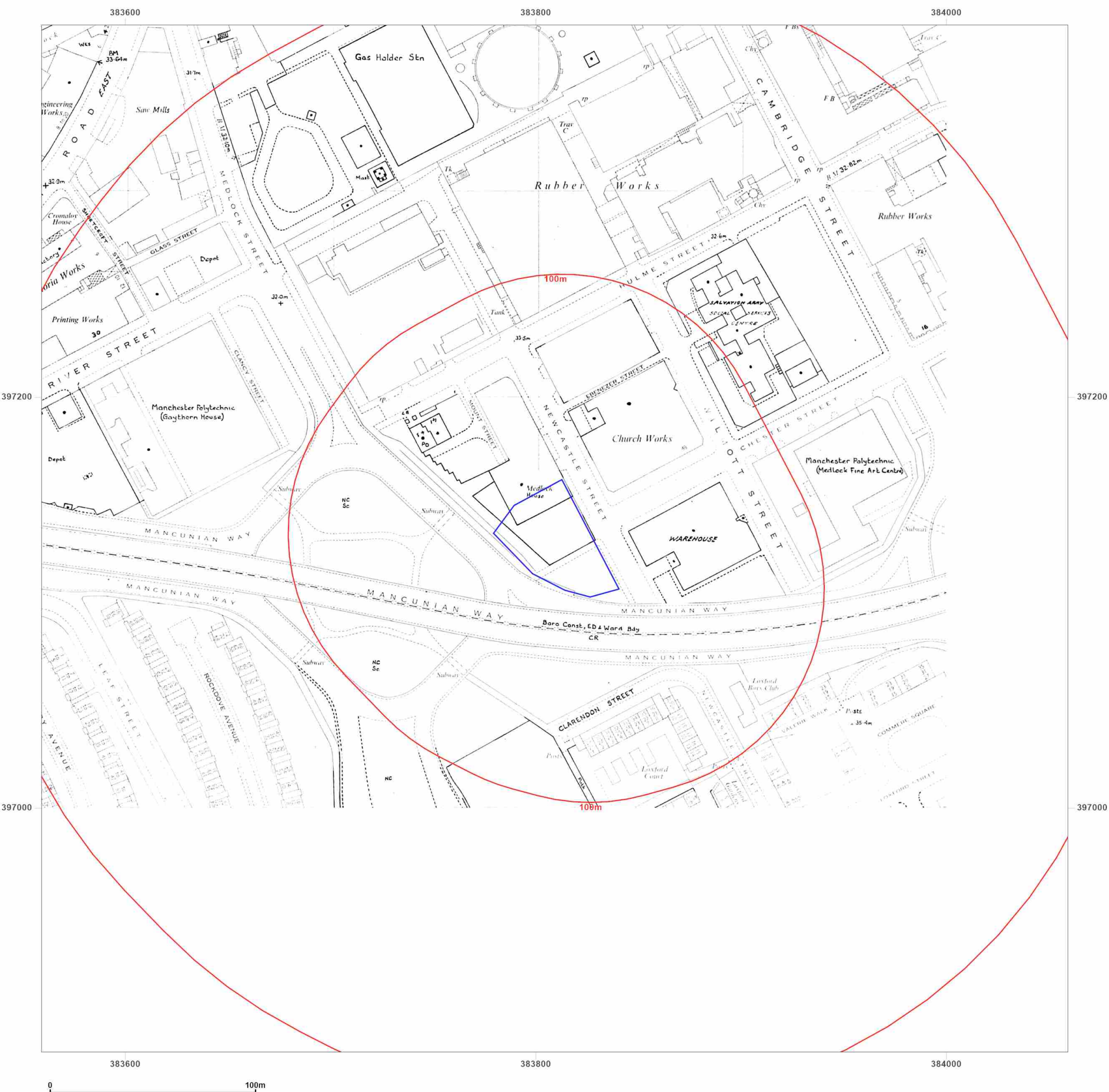
Map Name: National Grid
Map date: 1969-1974
Scale: 1:1,250
Printed at: 1:2,000

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Grid Ref: 383809, 397131

Map Name: National Grid
Map date: 1980
Scale: 1:1,250
Printed at: 1:2,000

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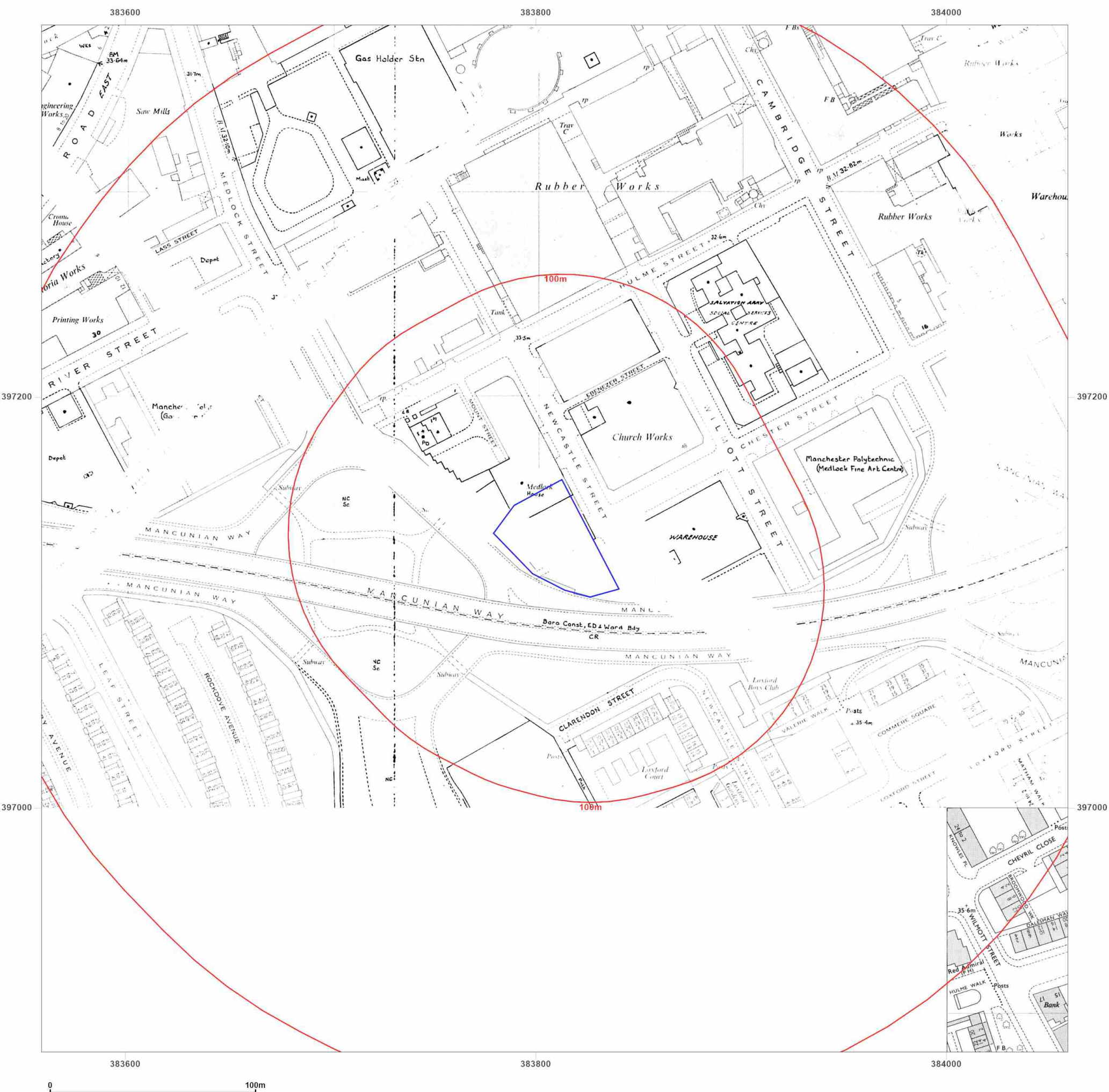
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Grid Ref: 383809, 397131

Map Name: National Grid
Map date: 1975-1980
Scale: 1:1,250
Printed at: 1:2,000



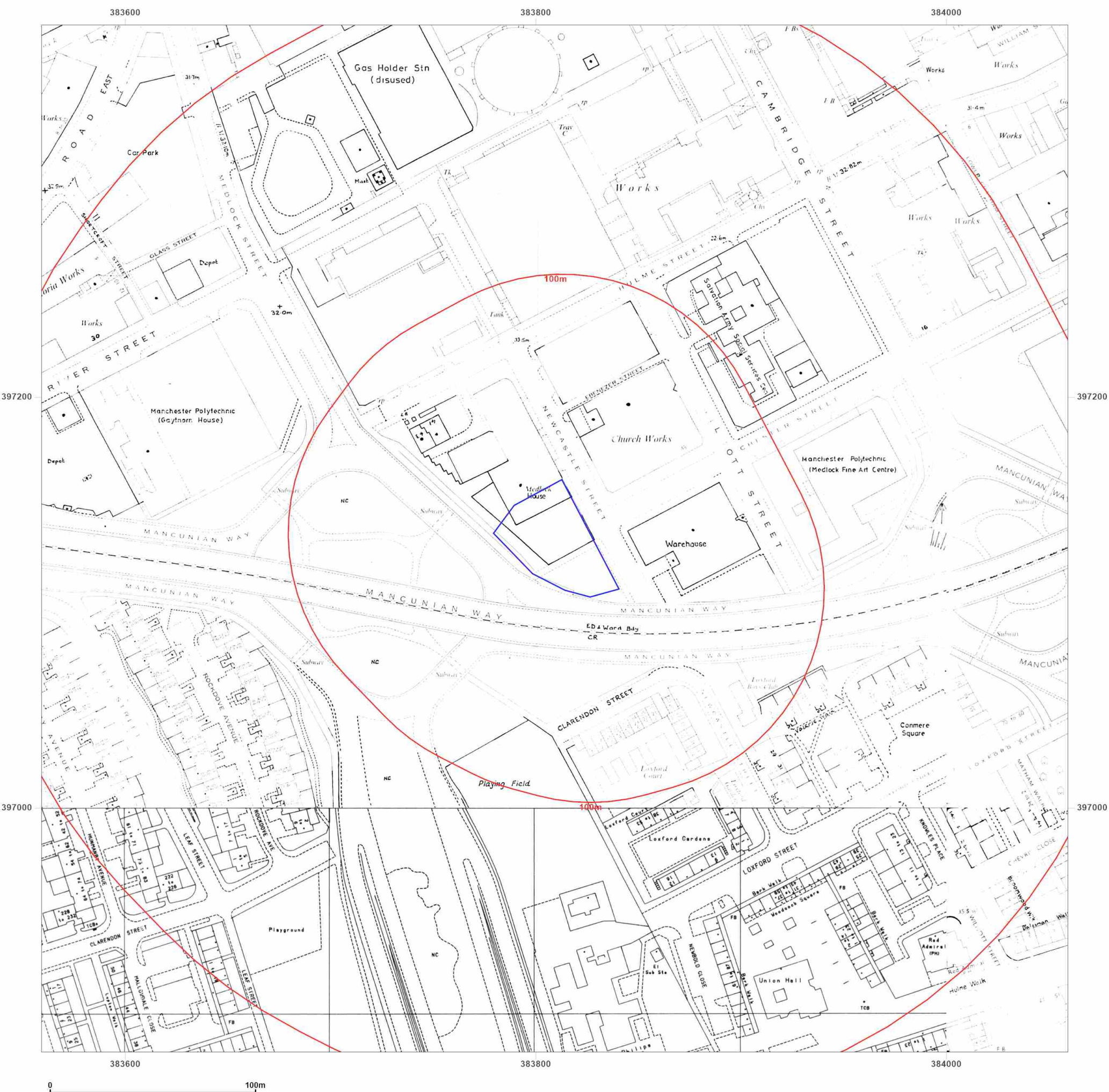
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Grid Ref: 383809, 397131

Map Name: National Grid
Map date: 1985-1990
Scale: 1:1,250
Printed at: 1:2,000

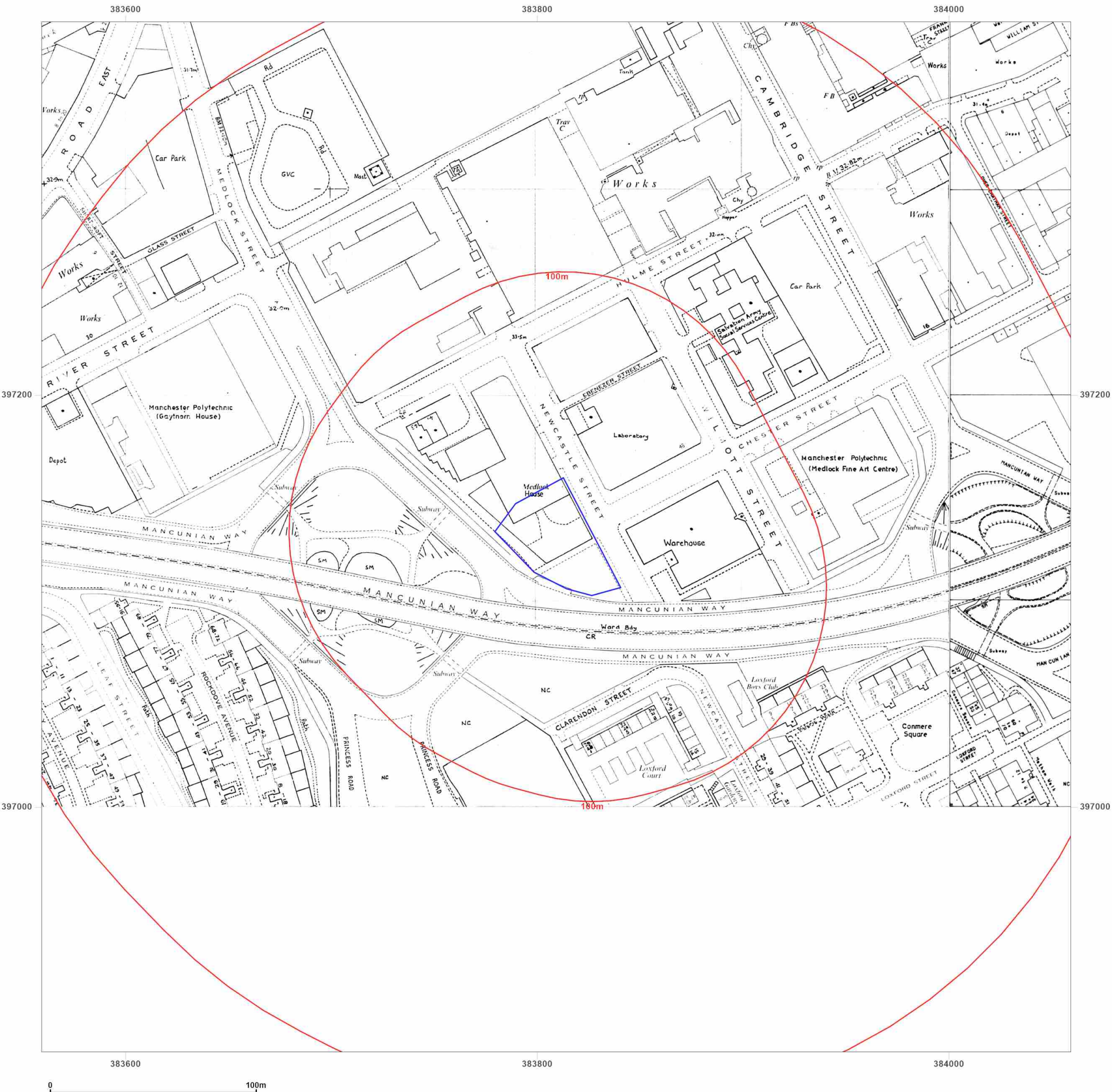
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Map Name: National Grid
Map date: 1987-1990
Scale: 1:1,250
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Grid Ref: 383809, 397131

Map Name: National Grid
Map date: 1987-1992
Scale: 1:1,250
Printed at: 1:2,000



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Grid Ref: 383809, 397131

Map Name: National Grid
Map date: 1990-1995
Scale: 1:1,250
Printed at: 1:2,000

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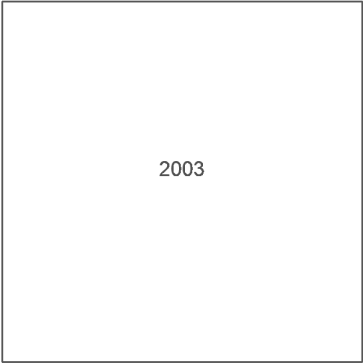
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Client Ref: EMS_917745_1137632
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Grid Ref: 383809, 397131

Map Name: LandLine
Map date: 2003
Scale: 1:1,250
Printed at: 1:1,250



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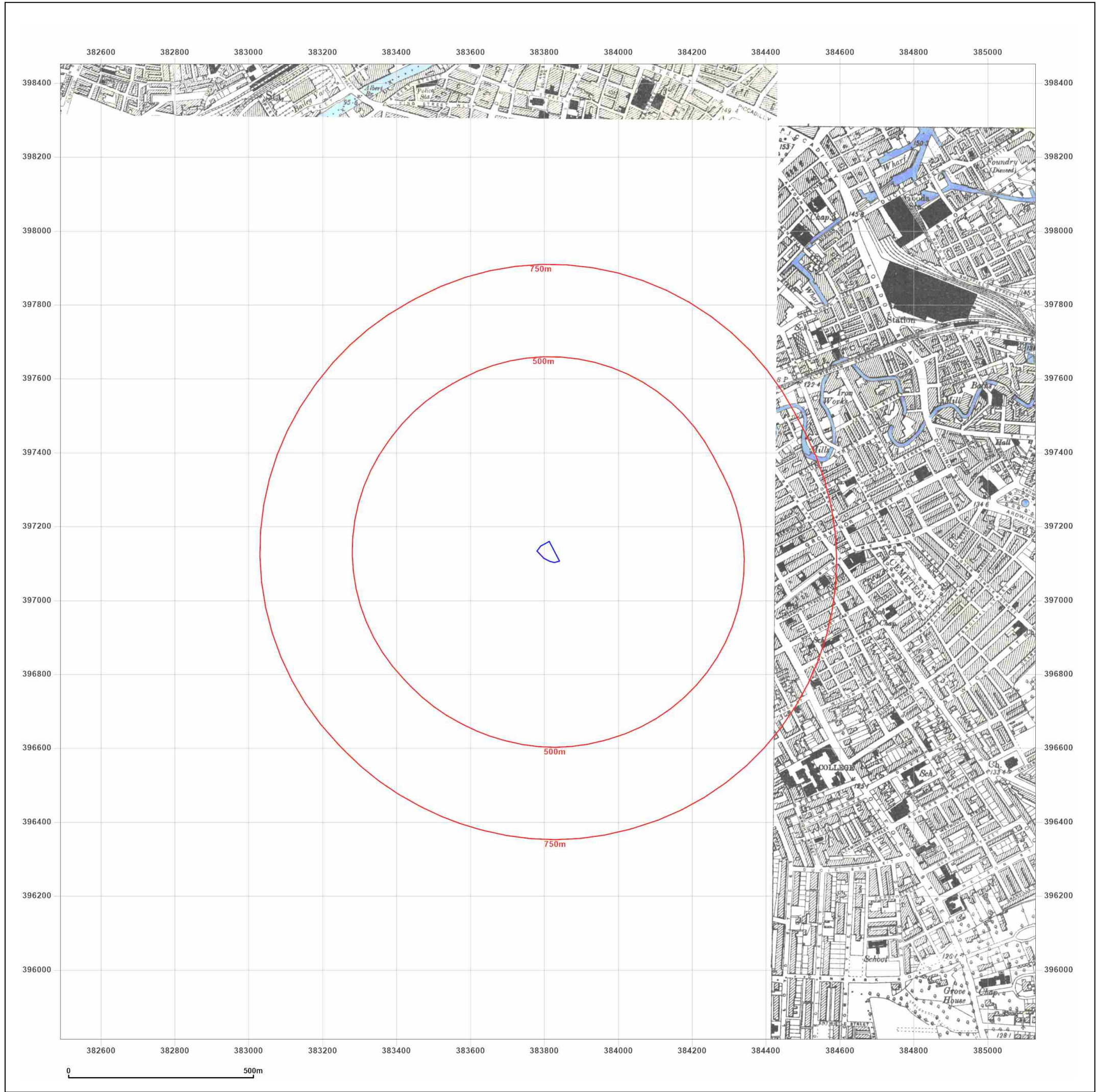
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Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: County Series
Map date: 1848
Scale: 1:10,560
Printed at: 1:10,560

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Edition 1848
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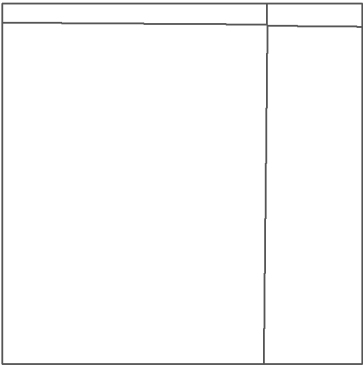
Map date: 1890-1894

Scale: 1:10,560

Printed at: 1:10,560



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Revised 1890
Edition 1890
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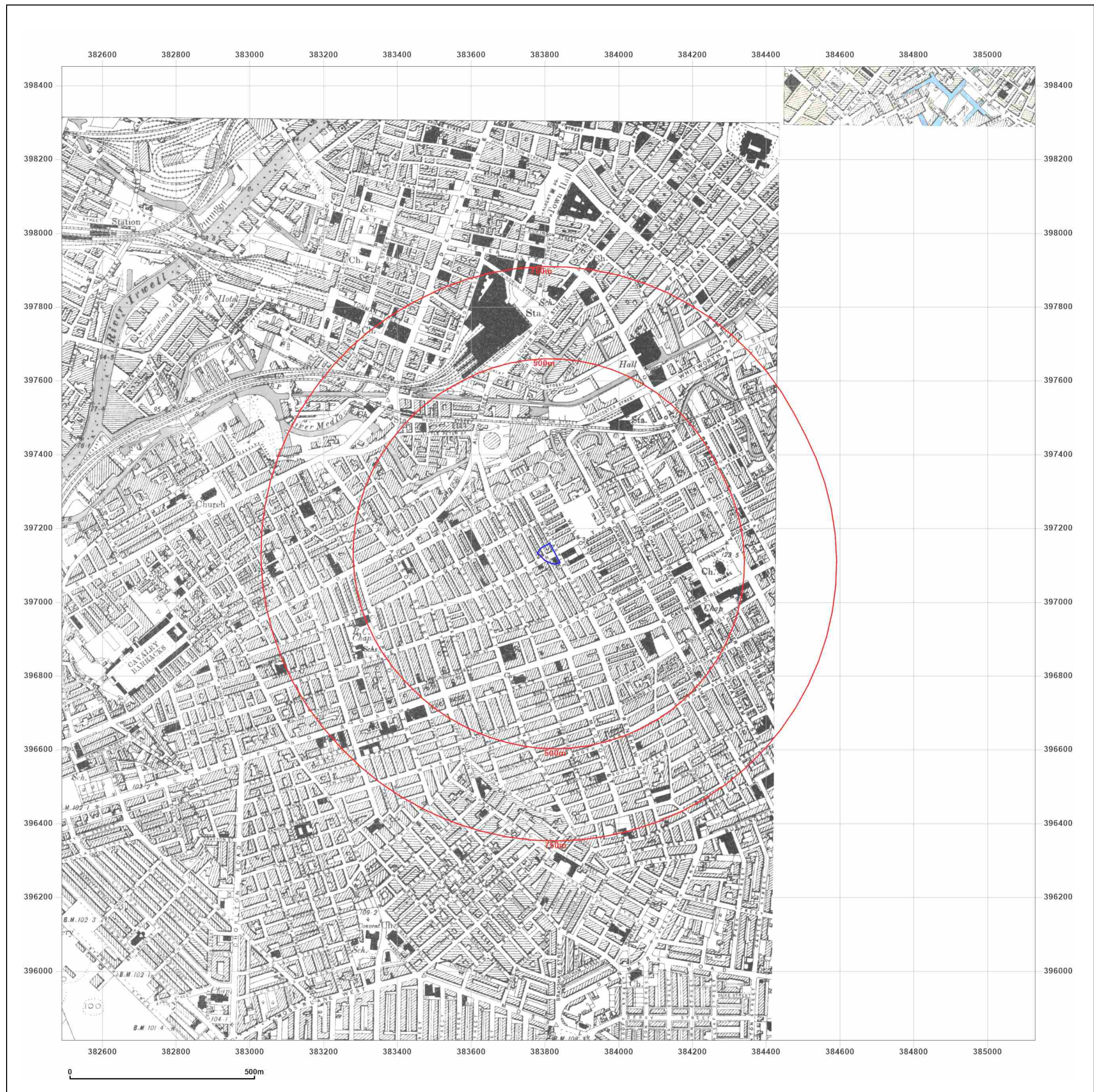


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Map Name: County Series

Map date: 1891-1896

Scale: 1:10,560

Printed at: 1:10,560



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Surveyed 1894
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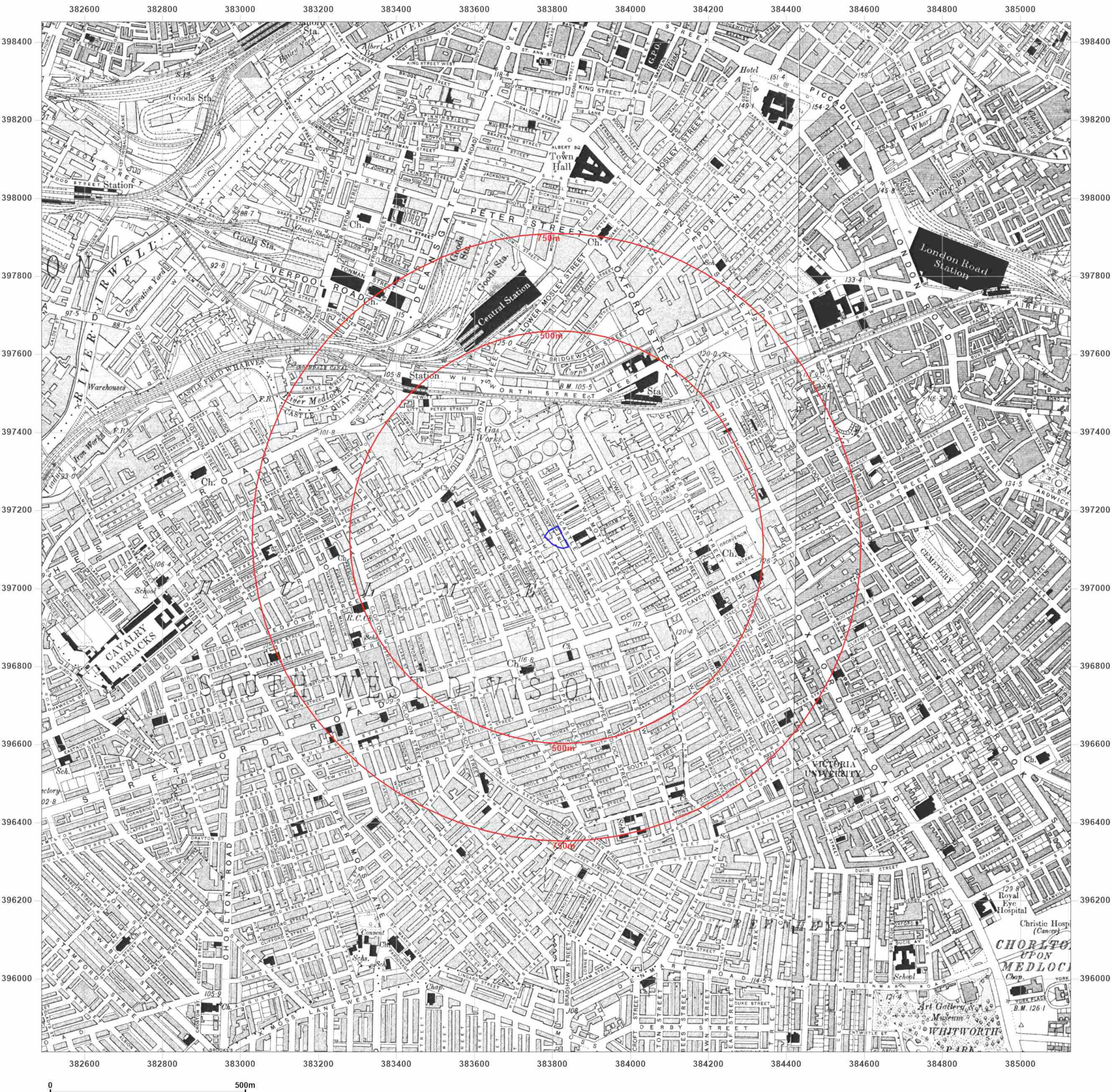


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Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: County Series

Map date: 1905-1906

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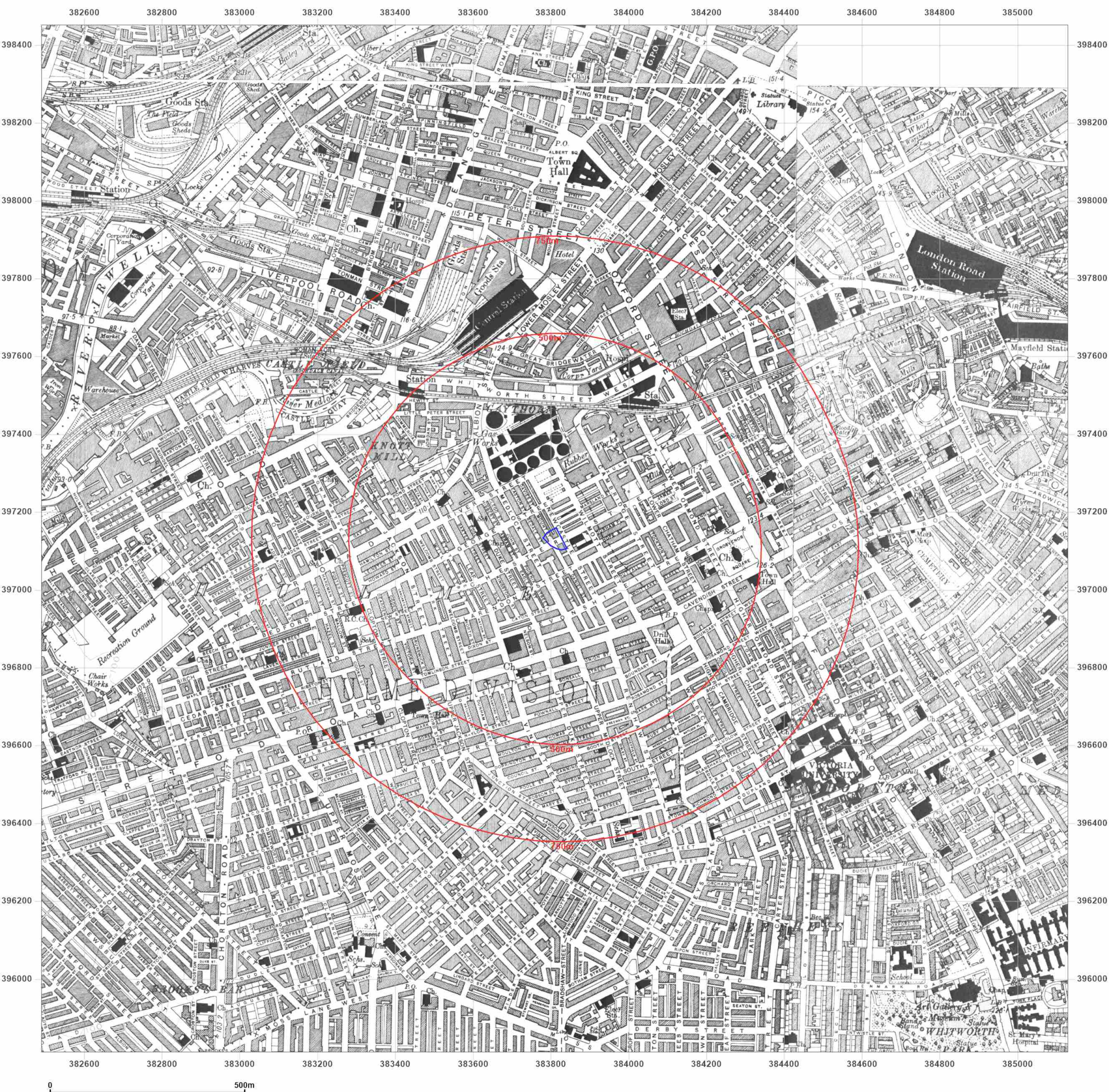
Printed at: 1:10,560

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Surveyed 1844 Revised 1905 Edition 1905 Copyright N/A Levelled N/A	Surveyed 1844 Revised 1905 Edition 1905 Copyright N/A Levelled N/A

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Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: County Series
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Scale: 1:10,560
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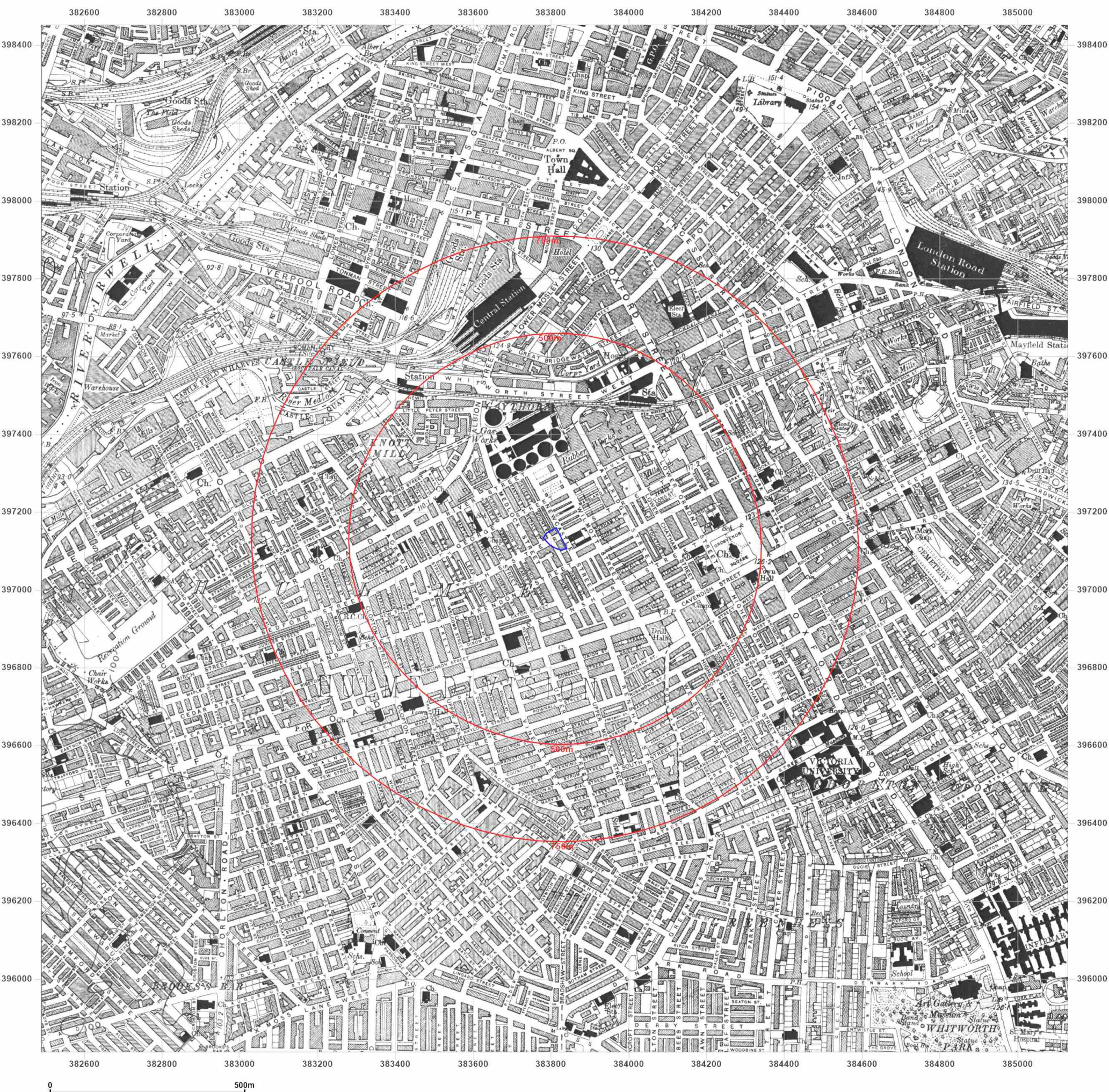
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Grid Ref: 383809, 397131

Map Name: County Series
Map date: 1923
Scale: 1:10,560
Printed at: 1:10,560

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Client Ref: EMS_917745_1137632
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Grid Ref: 383809, 397131

Map Name: County Series

Map date: 1931-1934

Scale: 1:10,560

Printed at: 1:10,560



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Edition 1931
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Levelled 1927

Surveyed 1844
Revised 1933
Edition 1933
Copyright N/A
Levelled 1927

Surveyed 1844
Revised 1932
Edition 1932
Copyright N/A
Levelled 1927

Surveyed 1844
Revised 1934
Edition 1934
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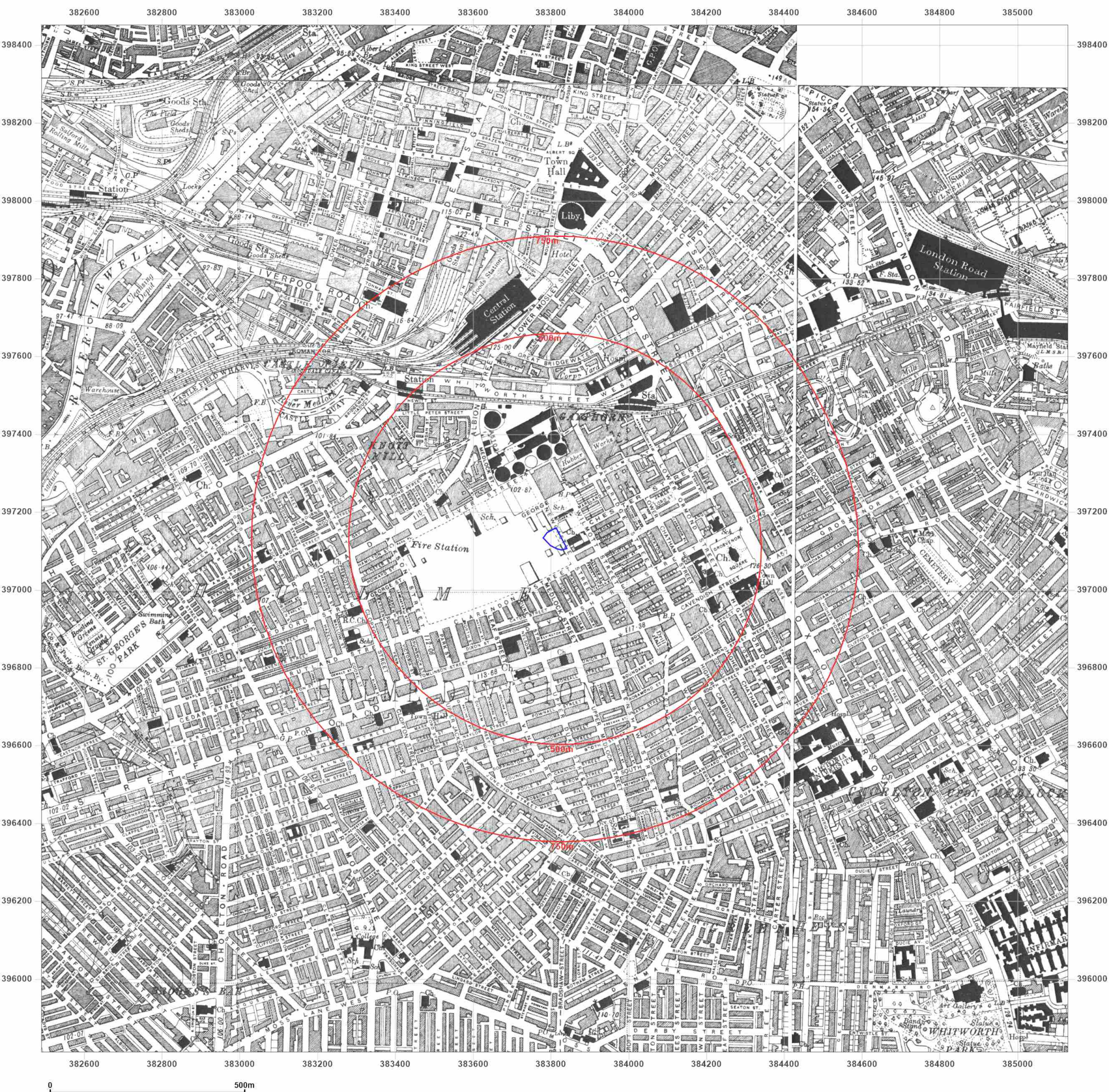


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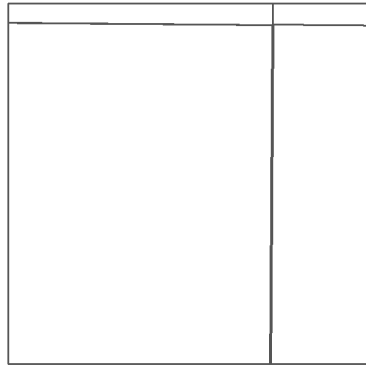
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Grid Ref: 383809, 397131

Map Name: County Series
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Scale: 1:10,560
Printed at: 1:10,560



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Revised 1938
Edition 1938
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Levelled 1927

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Revised 1938
Edition 1938
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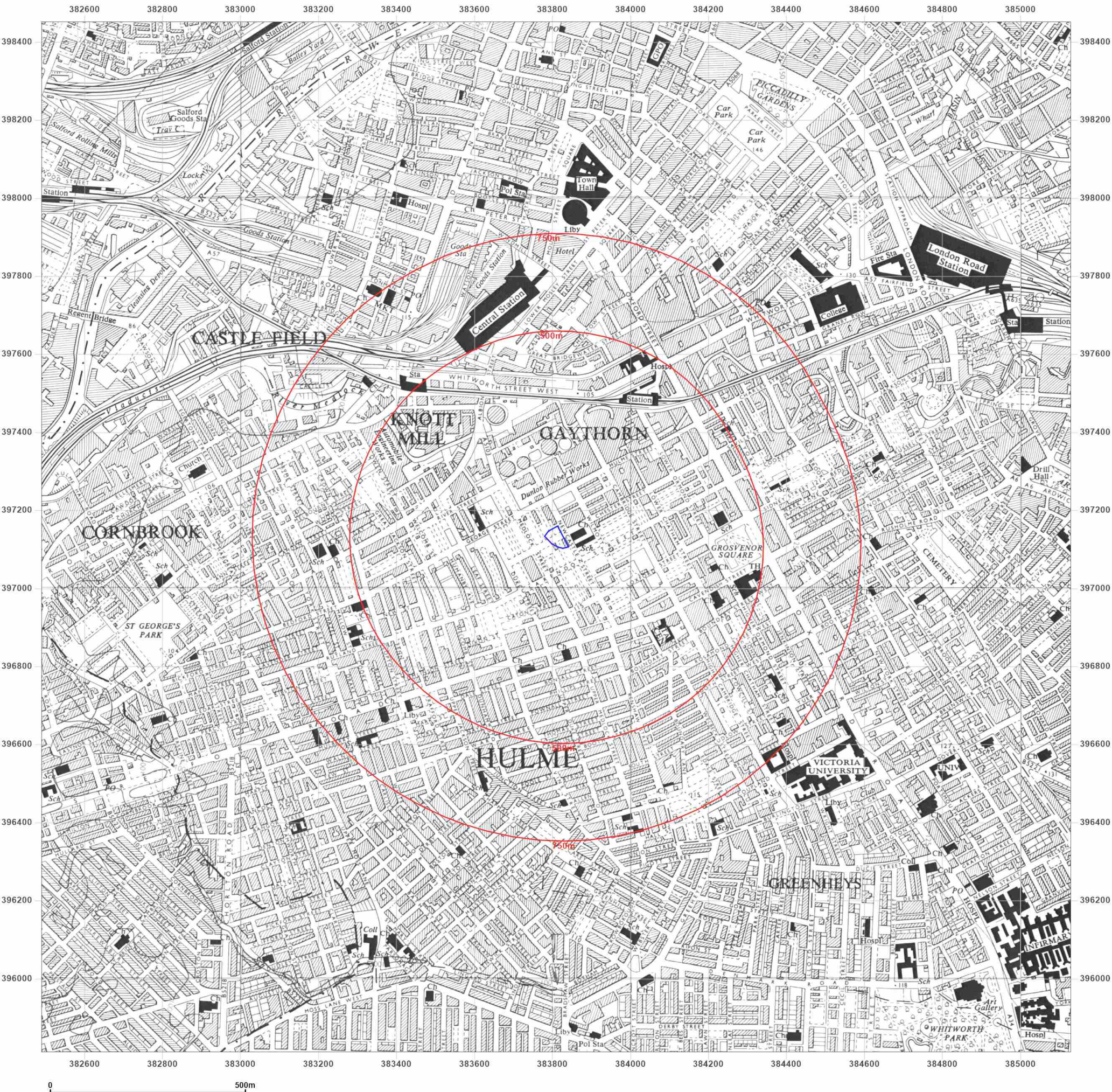


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Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

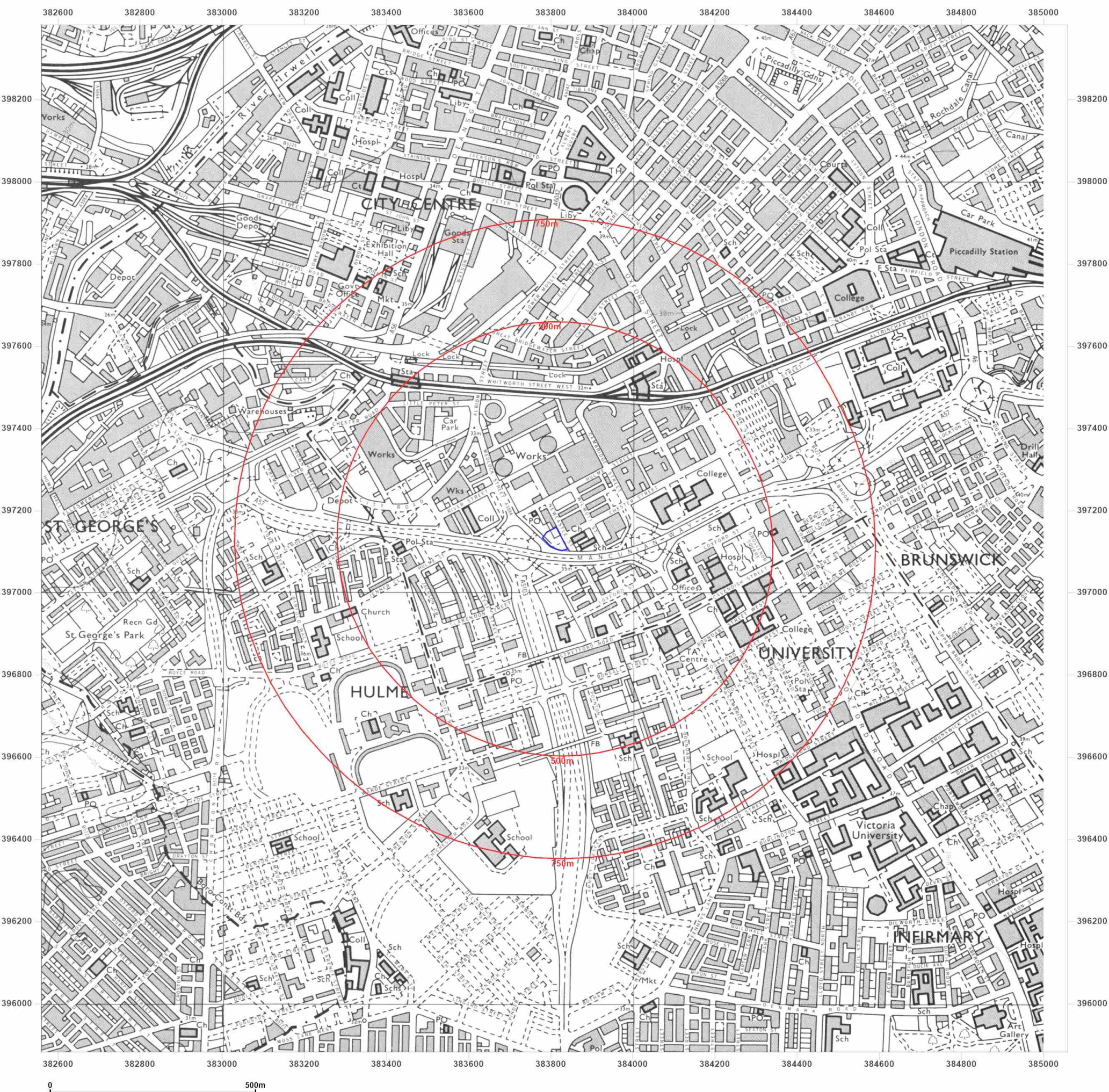
Map Name: Provisional
Map date: 1956
Scale: 1:10,560
Printed at: 1:10,560

Surveyed 1956
Revised 1956
Edition N/A
Copyright 1956
Levelled N/A

Surveyed 1956
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Edition N/A
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Site Details:

Block C, First Street,
Manchester, M1 5GF

Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 1972

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1971
Revised 1972
Edition N/A
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Production date: 12 January 2024

Map legend available at:
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Site Details:

Block C, First Street,
Manchester, M1 5GF

Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 1980-1981

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1976
Revised 1980
Edition N/A
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Levelled 1976

Surveyed 1976
Revised 1980
Edition N/A
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Site Details:

Block C, First Street,
Manchester, M1 5GF

Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 1985

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1983
Revised 1985
Edition N/A
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Levelled 1981

Surveyed 1985
Revised 1985
Edition N/A
Copyright 1985
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Block C, First Street,
Manchester, M1 5GF

Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 1988-1991

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1986
Revised 1988
Edition N/A
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Surveyed 1985
Revised 1991
Edition N/A
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Site Details:

Block C, First Street,
Manchester, M1 5GF

Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: National Grid
Map date: 1994
Scale: 1:10,000
Printed at: 1:10,000

Surveyed 1986
Revised 1994
Edition N/A
Copyright 1994
Levelled 1981

Groundsure
INSIGHTS

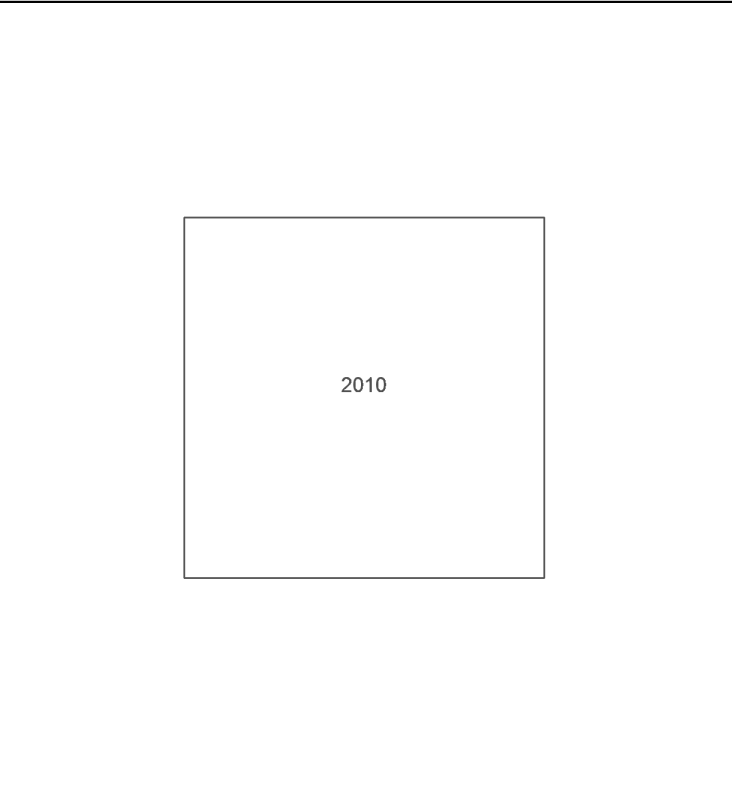
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Site Details:	
Block C, First Street, Manchester, M1 5GF	
Client Ref: EMS_917745_1137632	
Report Ref: EMS-917745_1169793	
Grid Ref: 383809, 397131	
Map Name: National Grid	
Map date: 2010	
Scale: 1:10,000	
Printed at: 1:10,000	





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Client Ref: EMS_917745_1137632
Report Ref: EMS-917745_1169793
Grid Ref: 383809, 397131

Map Name: National Grid

Map date: 2024

Scale: 1:10,000

Printed at: 1:10,000



2024



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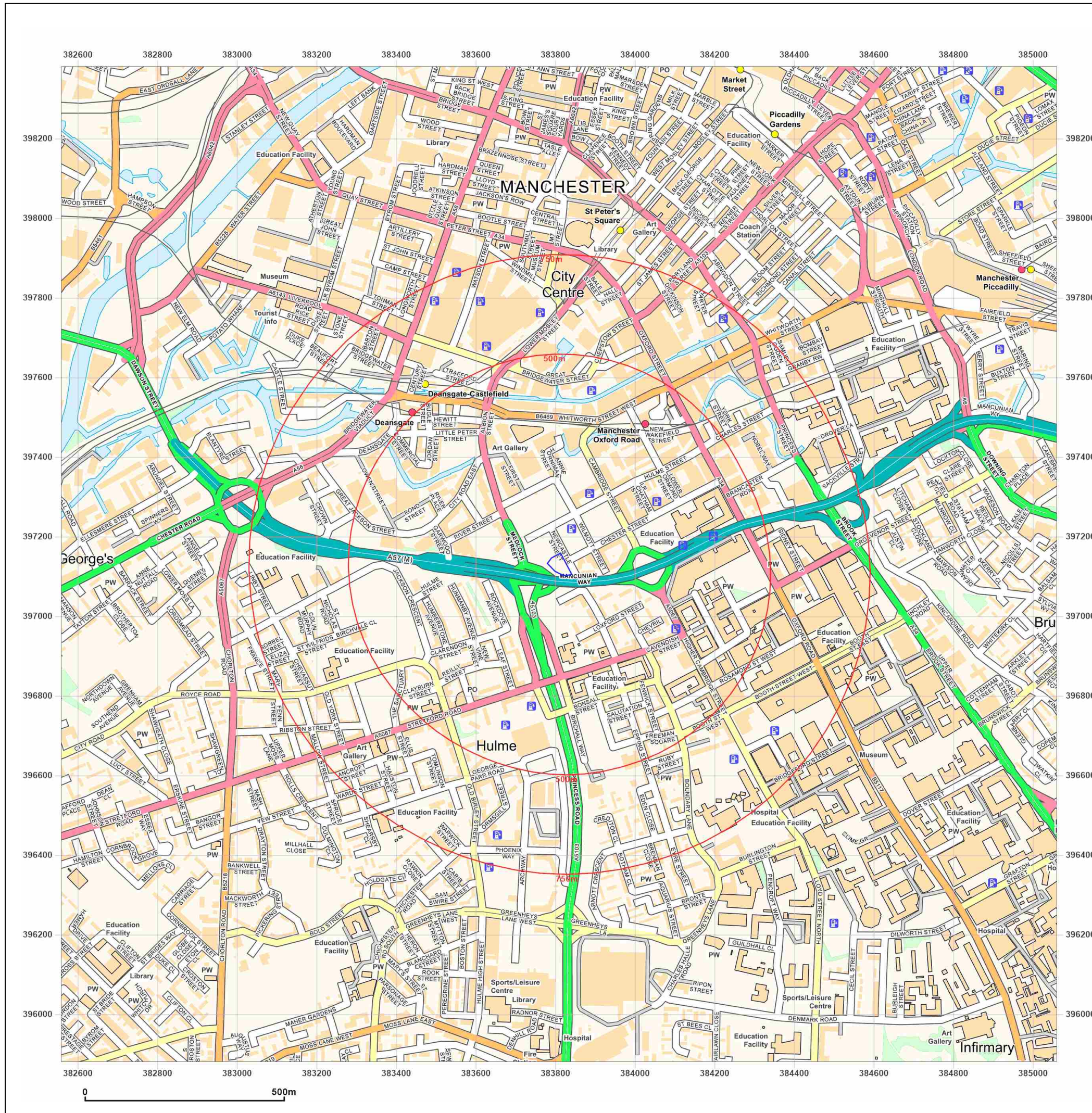


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Map legend available at:
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County Series 1:10,560 scale

VEGETATION



Fir Wood



Deciduous Wood



Mixed Wood



Brushwood



Orchard



Reeds



Rough Pasture



Furze



Marsh



Osiers

ROADS



Railway over Road



Road over Railway



Road over River or Canal



Level Crossing



Railway over River



Road over Stream



Road over Stream



Sunken Road



Raised Road

RAILWAYS



Double Lines of Railway



Single Lines of Railway and Tramway

GENERAL FEATURES



Gravel Pit



Sand Pit



Quarry



Shingle



Other Pits



Antiquities, Site of



Arrow, showing direction of flow of water

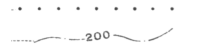


Trigonometrical Station

BOUNDARIES



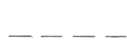
County Boundary



Parish Boundary



Contours



Parliamentary Division Boundary



Union Boundary



Rural District Boundary

National Grid 1:10,000 scale

HEIGHTS (METRES)

Values are given in metres above mean sea level at Newlyn.

Surface heights determined by ground survey 163m
air survey 164m

Bench marks and their values are shown on large scale maps, and bench mark lists containing fuller and possibly later levelling information are obtainable from the Director General, Ordnance Survey.

Contours are at 5 metres vertical interval.

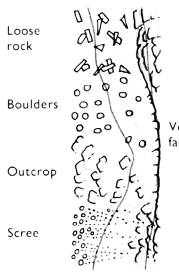
ROCK FEATURES

Loose rock

Boulders

Outcrop

Scree



CONVERSION SCALE

Metres - Feet

2000 Metres 6500 Feet

6000

5000

1500

4000

ABBREVIATIONS

BP,BS Boundary Post or Stone

Ch Church

CH Club House

F Sta Fire Station

FB Foot Bridge

Fn Fountain

GP Guide Post

MP,MS Mile Post or Stone

P Pole or Post

Pol Sta Police Station

PO Post Office

PC Public Convenience

PH Public House

S Stone

Spr Spring

TCB Telephone Call Box

TCP Telephone Call Post

TH Town Hall

W Well

Y Youth hostel

ROADS

Road

Track

Where unfenced shown by pecked lines.

RAILWAYS

Cutting Embankment

Road over

Level crossing

Foot Bridge

Road under

Multiple track

Single track

Siding, tramway or mineral line

Narrow gauge

Standard gauge

GENERAL FEATURES



Antiquity, (site of)



Boulders



Building



Pylon



Pole

Electricity transmission line



Glasshouse



Triangulation station



Lake, loch or pond



Sloping masonry



= Chalk pit, clay pit or quarry



= Gravel pit



= Sand pit



Refuse or slag heap

Direction of flow of water

Shingle

Sand

VEGETATION

Bracken, rough grassland

Scrub

Heath

Marsh

Saltings

Reeds

Coppice

Orchard

Coniferous trees

Non-coniferous trees

In some areas bracken () and rough grassland () are shown separately.



GroundSure

Historical Map Pack Legend

County Series & National Grid 1:10,560 scale

Information present on these legends is sourced from the same Ordnance Survey mapping as the maps used in this product.

If you have a query regarding any of the maps provided please contact GroundSure's technical helpline. We will endeavour to answer any queries you may have.

Technical Helpline

Tel 08444159000

groundsurreinsight@groundsurre.com
www.groundsure.com

County Series 1:2,500 scale

National Grid 1:2,500 / 1:1,250 scale



Historical Map Pack Legend

County Series
1:1,250 scale
~

County Series &
National Grid
1:2,500 scale

Information present on these legends is sourced from the same Ordnance Survey mapping as the maps used in this product.

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Technical Helpline:

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GENERAL FEATURES	
	Wood
	Marsh
	Reeds
	Fir
	Mixed Wood
	Brush Wood
	Osiers
	Orchard
	Bush
	Rough Pasture
	Furze
	Ford
	Stepping Stones
	Ferry
	Sloping Masonry
	Flat Rock
	Lock
	Waterfall
	Quarry
	Sand Pit
	Refuse Heap
	Clay Pit
	Shingle
	Gravel Pit
	Trigonometrical Station
	Altitude at Trigonometrical Station
	Bench Mark
	Surface Level
	Permanent Traverse Station
	Antiquities (site of)
	Arrow denotes flow of water
	Sluice
	Trough
	Spring
	Well
	Mooring Ring
	Mooring Post
	Boundary Stone
	Boundary Post

ROADS	
	Road over single stream
	Road crossing railway
	Road over River or Canal
RAILWAYS	
	Railway crossing River or Canal
	Railway crossing Road
	Level Crossing
	Embankment
	Cutting

ABBREVIATIONS	
	Trigonometrical Station
	Altitude at Trigonometrical Station
	Bench Mark
	Surface Level
	Permanent Traverse Station
	Antiquities (site of)
	Arrow denotes flow of water
	Sluice
	Trough
	Spring
	Well
	Mooring Ring
	Mooring Post
	Boundary Stone
	Boundary Post

ABBREVIATIONS	
	Beer House
	Bench Mark
	Boundary Post
	Boundary Stone
	Crane
	Club House
	Chimney
	Capstan
	Drinking Fountain
	Dock
	Electricity Pillar or Post
	Electricity Transmission Line
	Fire Alarm
	Fire Alarm Pillar
	Filter Bed, Foot Bridge
	Fundamental Bench Mark
	Flagstaff
	Fire Station
	Guide Post
	Gas Valve Compound
	Hydrant or Hydraulic
	Hectares
	Lecter Box
	Lifeboat Station
	Level Crossing
	Loading Gauge
	Lighthouse
	Lighting Tower
	Metres
	Mean High Water
	Mean High Water Springs
	Mean Low Water
	Mean Low Water Springs
	Mile or Mooring Post
	Mail Pick-up
	Mile Stone
	National Trust
	Normal Tidal Limit
	National Trust for Scotland
	Pillar, Pole or Post
	Public Convenience
	Police Call Box
	Public House
	Post Office
	Pump
	Police Telephone Pillar
	Reservoir
	Road House
	Revision Point
	Stone
	Signal Box
	Signal Light
	Sluice
	Signal Post
	Spring
	Signal Station
	Telephone Call Box
	Telephone Call Post
	Tank or Track
	Trough
	Traverse Station
	Well
	Weighbridge
	Wind Pump
	Works
	Water Point
	Water Tap

GENERAL FEATURES	
	Non-coniferous Trees
	Coniferous Trees
	Surveyed Trees
	Orchard Trees
	Copple, Osier
	Scrub
	Bracken
	Heath
	Rough Grassland
	Marsh, Saltings
	Reeds
	Slopes
	Cliff
	Cave Entrance
	Rock
	Boulders
	Sloping Masonry
	Roofed Building
	Glasshouse
	Archway
	Change of boundary marking
	see AREAS notes
	Antiquity (site of)
	Culvert
	Direction of water flow
	Electricity Pylon
	Electricity Transmission Line
	Triangulation Station
	Traverse Station (permanent)
	Bench Mark
	Surface Level
	Revision Point (instrumentally fixed)
	Revision Point & Bench Mark coincident
	Top
	Slopes
	Quarry
	Refuse Heap
	Sloping Masonry
	Flat Rock
	Sand
	Sand Pit
	Culvert
	Archway
	Shingle
	Boulders
	Gravel Pit
	Cliff Face
	Glazed Roof Building

BOUNDARIES	
England & Wales	
	County Boundary (geographical)
	County & Civil Parish Boundary coterminous
	Admin County or County Borough Boundary
	London Borough Boundary
	County District Boundaries based on civil parish
England, Wales & Scotland	
	Civil Parish Boundary
	Parly & Ward Boundaries based on civil parish
	Parly & Ward Boundaries not based on civil parish
Scotland	
	County Boundary (geographical)
	County Council Boundary
	County of the City Boundary
	Burgh Boundary
	District Council Boundary
	* Not with parish
	† Coincident with parish