

Site Details:

Vine Street, Gorton

Client Ref: EMS_648066_859626
Report Ref: EMS-648066_859626
Grid Ref: 389246, 396959

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



2003



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Production date: 18 November 2020

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Vine Street, Gorton,

Order Details

Date: 18/11/2020
Your ref: EMS_648066_859627
Our Ref: EMS-648066_859627
Client: emapsite

Site Details

Location: 389261 396959
Area: 0.76 ha
Authority: [Manchester City Council](#)



Summary of findings

p. 2 **Aerial image**

p. 8

OS MasterMap site plan

p.12 groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	Historical industrial land uses	23	11	24	82	-
19	1.2	Historical tanks	0	0	1	17	-
20	1.3	Historical energy features	0	0	3	7	-
20	1.4	Historical petrol stations	0	0	0	0	-
21	1.5	Historical garages	0	0	4	7	-
21	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
22	2.1	Historical industrial land uses	32	20	37	115	-
30	2.2	Historical tanks	0	0	1	28	-
31	2.3	Historical energy features	0	0	7	21	-
32	2.4	Historical petrol stations	0	0	0	0	-
33	2.5	Historical garages	0	0	8	11	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
34	3.1	Active or recent landfill	0	0	0	0	-
34	3.2	Historical landfill (BGS records)	0	0	0	0	-
35	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
35	3.4	Historical landfill (EA/NRW records)	0	0	0	3	-
36	3.5	Historical waste sites	0	0	0	3	-
36	3.6	Licensed waste sites	0	0	0	1	-
37	3.7	Waste exemptions	0	0	4	1	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
38	4.1	Recent industrial land uses	0	2	4	-	-
39	4.2	Current or recent petrol stations	0	0	0	2	-
39	4.3	Electricity cables	0	0	0	0	-
40	4.4	Gas pipelines	0	0	0	0	-
40	4.5	Sites determined as Contaminated Land	0	0	0	1	-



40	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
40	4.7	Regulated explosive sites	0	0	0	0	-
41	4.8	Hazardous substance storage/usage	0	0	0	0	-
41	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
41	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
41	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	1	0	3	-
42	4.12	Radioactive Substance Authorisations	0	0	0	0	-
42	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
42	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
42	4.15	Pollutant release to public sewer	0	0	0	0	-
43	4.16	List 1 Dangerous Substances	0	0	0	0	-
43	4.17	List 2 Dangerous Substances	0	0	0	0	-
43	4.18	<u>Pollution Incidents (EA/NRW)</u>	1	8	0	0	-
44	4.19	Pollution inventory substances	0	0	0	0	-
45	4.20	Pollution inventory waste transfers	0	0	0	0	-
45	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
46	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
48	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
50	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
51	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
51	5.5	Groundwater vulnerability- local information	None (within 0m)				
52	5.6	<u>Groundwater abstractions</u>	0	0	0	0	29
59	5.7	<u>Surface water abstractions</u>	0	0	0	0	7
61	5.8	Potable abstractions	0	0	0	0	0
62	5.9	Source Protection Zones	0	0	0	0	-
62	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
63	6.1	Water Network (OS MasterMap)	0	0	0	-	-



63	6.2	Surface water features	0	0	0	-	-
64	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
64	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
65	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
66	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
66	7.2	Historical Flood Events	0	0	0	-	-
66	7.3	Flood Defences	0	0	0	-	-
66	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
67	7.5	Flood Storage Areas	0	0	0	-	-
68	7.6	Flood Zone 2	None (within 50m)				
68	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
69	8.1	<u>Surface water flooding</u>	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding					
71	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
72	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
72	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
72	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
72	10.4	Special Protection Areas (SPA)	0	0	0	0	0
73	10.5	National Nature Reserves (NNR)	0	0	0	0	0
73	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
73	10.7	Designated Ancient Woodland	0	0	0	0	0
73	10.8	Biosphere Reserves	0	0	0	0	0
74	10.9	Forest Parks	0	0	0	0	0
74	10.10	Marine Conservation Zones	0	0	0	0	0
74	10.11	Green Belt	0	0	0	0	0
74	10.12	Proposed Ramsar sites	0	0	0	0	0

74	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
75	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
75	10.15	Nitrate Sensitive Areas	0	0	0	0	0
75	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
76	<u>10.17</u>	<u>SSSI Impact Risk Zones</u>	2	-	-	-	-
77	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
78	11.1	World Heritage Sites	0	0	0	-	-
79	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
79	11.3	National Parks	0	0	0	-	-
79	<u>11.4</u>	<u>Listed Buildings</u>	0	0	2	-	-
80	11.5	Conservation Areas	0	0	0	-	-
80	11.6	Scheduled Ancient Monuments	0	0	0	-	-
80	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
81	<u>12.1</u>	<u>Agricultural Land Classification</u>	Urban (within 250m)				
82	12.2	Open Access Land	0	0	0	-	-
82	12.3	Tree Felling Licences	0	0	0	-	-
82	12.4	Environmental Stewardship Schemes	0	0	0	-	-
82	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
83	13.1	Priority Habitat Inventory	0	0	0	-	-
83	13.2	Habitat Networks	0	0	0	-	-
84	<u>13.3</u>	<u>Open Mosaic Habitat</u>	1	0	0	-	-
84	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
85	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
86	<u>14.2</u>	<u>Artificial and made ground (10k)</u>	1	0	6	5	-
88	<u>14.3</u>	<u>Superficial geology (10k)</u>	1	0	0	0	-



89	14.4	Landslip (10k)	0	0	0	0	-
90	14.5	<u>Bedrock geology (10k)</u>	1	0	2	0	-
91	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
92	15.1	<u>50k Availability</u>	Identified (within 500m)				
93	15.2	<u>Artificial and made ground (50k)</u>	0	0	0	1	-
94	15.3	Artificial ground permeability (50k)	0	0	-	-	-
95	15.4	<u>Superficial geology (50k)</u>	1	0	0	0	-
96	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
96	15.6	Landslip (50k)	0	0	0	0	-
96	15.7	Landslip permeability (50k)	None (within 50m)				
97	15.8	<u>Bedrock geology (50k)</u>	1	0	2	0	-
98	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
98	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
99	16.1	<u>BGS Boreholes</u>	6	2	18	-	-
Page	Section	Natural ground subsidence					
101	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
102	17.2	<u>Running sands</u>	Very low (within 50m)				
103	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
104	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
105	17.5	<u>Landslides</u>	Low (within 50m)				
107	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
109	18.1	Natural cavities	0	0	0	0	-
110	18.2	<u>BritPits</u>	0	0	2	1	-
110	18.3	<u>Surface ground workings</u>	25	19	22	-	-
113	18.4	Underground workings	0	0	0	0	0
113	18.5	Historical Mineral Planning Areas	0	0	0	0	-



113	18.6	Non-coal mining	0	0	0	0	0
114	18.7	Mining cavities	0	0	0	0	0
<u>114</u>	<u>18.8</u>	<u>JPB mining areas</u>	Identified (within 0m)				
<u>114</u>	<u>18.9</u>	<u>Coal mining</u>	Identified (within 0m)				
114	18.10	Brine areas	None (within 0m)				
115	18.11	Gypsum areas	None (within 0m)				
115	18.12	Tin mining	None (within 0m)				
115	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>116</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>117</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	3	-	-	-
<u>117</u>	<u>20.2</u>	<u>BGS Estimated Urban Soil Chemistry</u>	3	7	-	-	-
118	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
119	21.1	Underground railways (London)	0	0	0	-	-
119	21.2	Underground railways (Non-London)	0	0	0	-	-
120	21.3	Railway tunnels	0	0	0	-	-
<u>120</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	2	1	2	-	-
120	21.5	Royal Mail tunnels	0	0	0	-	-
<u>121</u>	<u>21.6</u>	<u>Historical railways</u>	1	0	0	-	-
<u>121</u>	<u>21.7</u>	<u>Railways</u>	0	4	3	-	-
121	21.8	Crossrail 1	0	0	0	0	-
122	21.9	Crossrail 2	0	0	0	0	-
122	21.10	HS2	0	0	0	0	-

Recent aerial photograph



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Capture Date: 22/04/2019

Site Area: 0.76ha



Recent site history - 2015 aerial photograph



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Capture Date: 11/06/2015

Site Area: 0.76ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 18 November 2020

Recent site history - 2009 aerial photograph



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Capture Date: 02/06/2009

Site Area: 0.76ha



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info@groundsure.com

08444 159 000

Date: 18 November 2020

Recent site history - 2000 aerial photograph



Capture Date: 19/06/2000

Site Area: 0.76ha



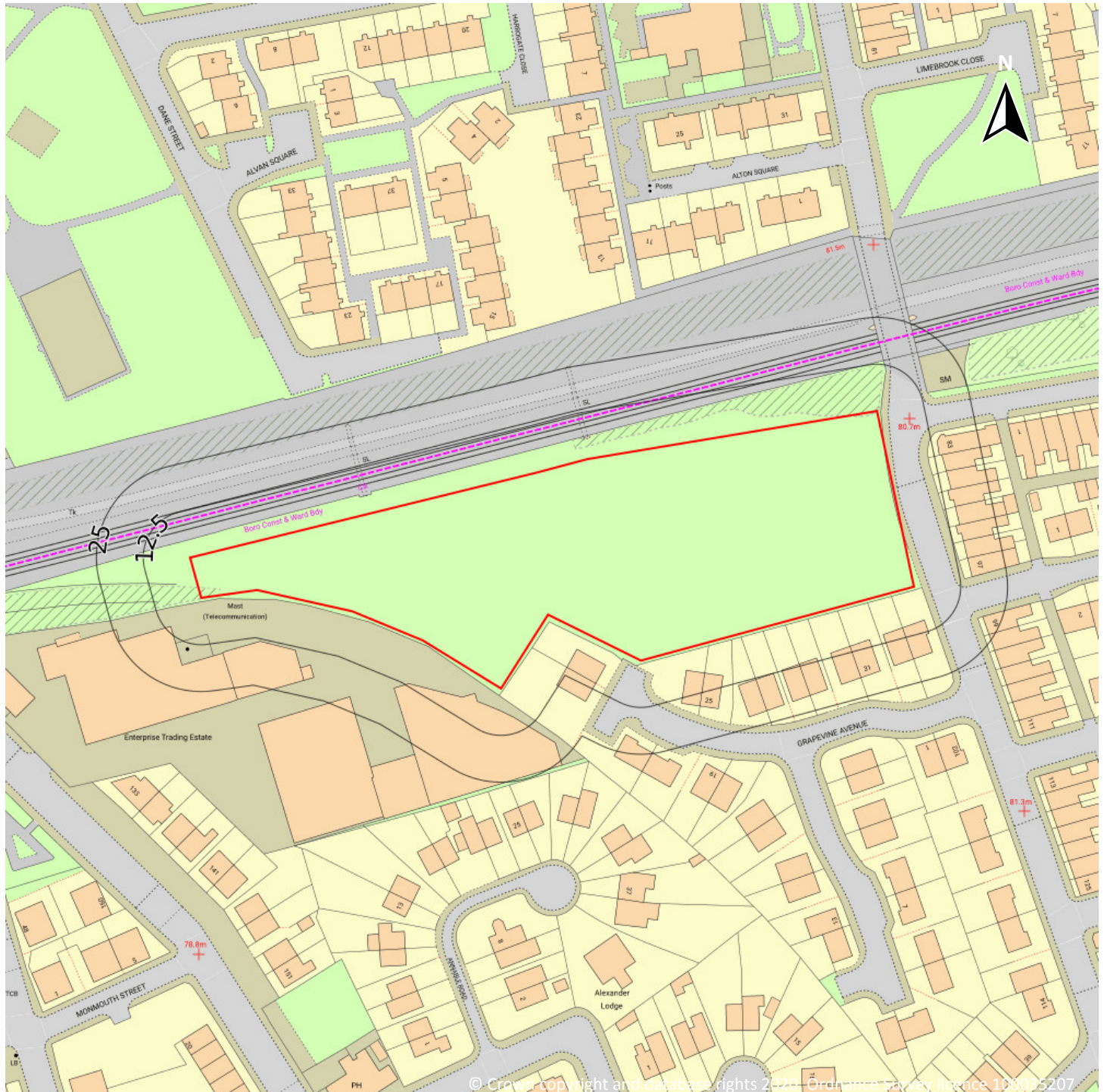
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Date: 18 November 2020

OS MasterMap site plan



Site Area: 0.76ha



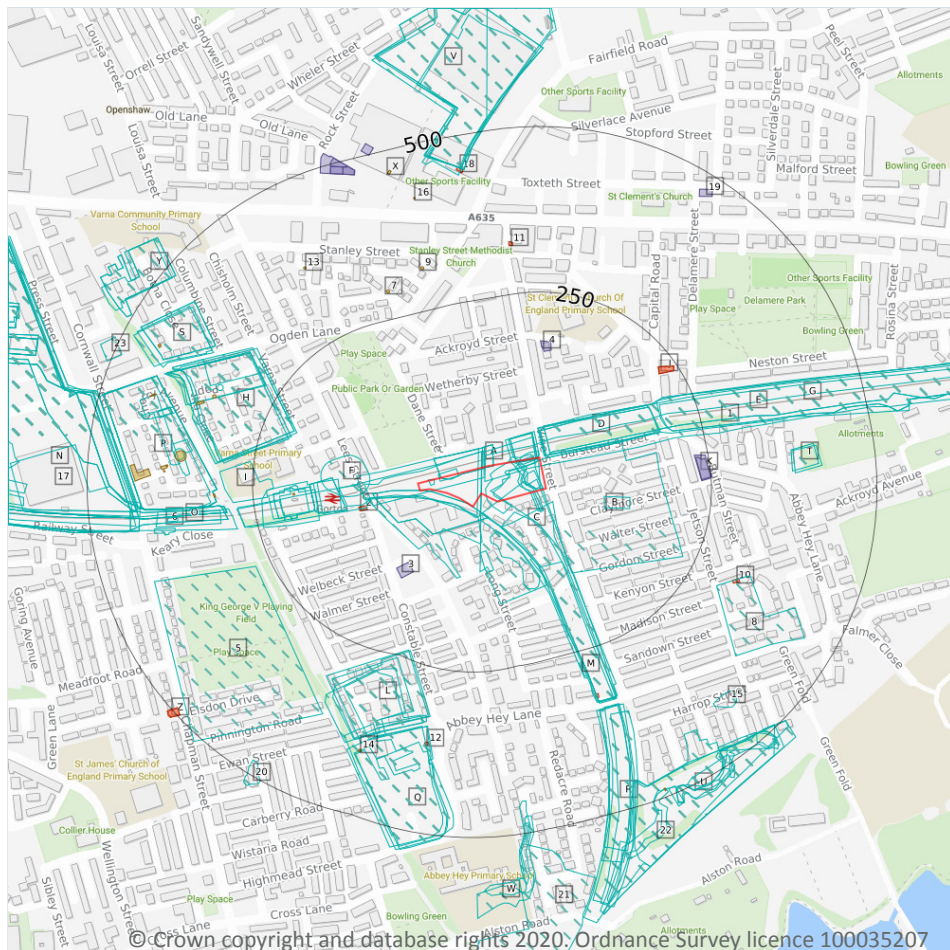
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Date: 18 November 2020

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

140

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

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

ID	Location	Land use	Dates present	Group ID
1	On site	Cuttings	1845	932876



ID	Location	Land use	Dates present	Group ID
A	On site	Cuttings	1938	844577
A	On site	Railway Building	1923	820458
A	On site	Cuttings	1851	848021
A	On site	Cuttings	1915 - 1934	857527
A	On site	Unspecified Works	1968 - 1978	869460
A	On site	Cuttings	1923	876990
A	On site	Railway Building	1968 - 1978	878618
A	On site	Unspecified Works	1985 - 1991	881856
A	On site	Cuttings	1938	889443
A	On site	Unspecified Ground Workings	1934 - 1938	891915
A	On site	Cuttings	1890	905530
A	On site	Unspecified Heap	1968 - 1978	907399
A	On site	Cuttings	1923	912796
A	On site	Cuttings	1938	918637
A	On site	Unspecified Ground Workings	1906	922578
A	On site	Unspecified Heap	1985 - 1991	927567
A	On site	Unspecified Ground Workings	1934	939019
A	On site	Cuttings	1918	957670
A	On site	Cuttings	1934	988160
B	On site	Brick Works	1906	818780
C	On site	Cuttings	1918	930314
C	On site	Cuttings	1892	967402
D	8m NE	Cuttings	1934	919502
E	9m E	Railway Sidings	1906	947546
D	9m E	Cuttings	1906 - 1938	979412
A	10m SW	Unspecified Ground Workings	1905	800746
D	11m E	Cuttings	1892	846473
C	16m SE	Brick Works	1906	818777



ID	Location	Land use	Dates present	Group ID
E	17m E	Cuttings	1956 - 1978	865848
E	17m E	Cuttings	1985 - 1991	939147
C	22m S	Cuttings	1906	990923
C	22m SE	Cuttings	1923 - 1991	869314
C	45m S	Unspecified Pit	1906	840713
C	70m S	Railway Sidings	1906	794680
F	73m W	Railway Station	1985 - 1991	978510
F	82m W	Cuttings	1851	853703
B	89m E	Railway Sidings	1906	794679
C	112m S	Cuttings	1934	856948
F	114m W	Cuttings	1915	923452
F	114m W	Cuttings	1934 - 1938	980900
F	119m W	Cuttings	1923	851320
F	155m W	Railway Station	1956 - 1968	891175
F	156m W	Cuttings	1923	865091
F	160m W	Railway Station	1915	849746
F	160m W	Railway Station	1934 - 1938	944786
F	169m W	Railway Station	1923	942015
G	192m E	Cuttings	1906 - 1938	924154
G	194m E	Cuttings	1892	914246
H	198m NW	Unspecified Works	1985	938344
H	203m NW	Unspecified Works	1978	927331
H	203m NW	Unspecified Works	1968	984653
H	204m W	Unspecified Commercial/Industrial	1934	796815
H	206m W	Unspecified Mill	1905	962533
F	208m W	Cuttings	1890	942304
I	218m W	Iron Works	1890	822801
L	237m SW	Unspecified Works	1968	921898

ID	Location	Land use	Dates present	Group ID
L	238m SW	Unspecified Works	1978	965862
L	254m S	Unspecified Works	1985 - 1991	916959
M	268m S	Railway Building	1934 - 1938	880328
L	271m SW	Wadding Works	1934	813187
H	273m NW	Unspecified Mill	1915 - 1923	956130
5	273m SW	Wadding Works	1915	813186
H	275m NW	Unspecified Mill	1890	867414
L	279m S	Unspecified Works	1923	866641
6	281m W	Cuttings	1851	795823
N	292m W	Railway Sidings	1934	886032
N	292m W	Railway Sidings	1923	902553
N	292m W	Railway Sidings	1915	926340
N	292m W	Railway Sidings	1915	954027
N	292m W	Railway Sidings	1905	954032
N	292m W	Railway Sidings	1938	975550
8	297m SE	Pottery	1918 - 1923	930725
O	302m W	Railway Sidings	1991	938823
P	304m W	Unspecified Commercial/Industrial	1905	796816
P	304m W	Canal Depot	1915	858788
P	304m W	Canal Depot	1890	859856
P	304m W	Canal Depot	1934 - 1938	947382
P	314m W	Canal Depot	1923	984746
H	327m NW	Chimney	1968	835770
Q	339m S	Unspecified Mills	1915	903286
Q	339m S	Unspecified Mills	1890 - 1905	910568
Q	341m S	Unspecified Mills	1923	944468
R	342m S	Cuttings	1956 - 1978	938269
R	343m S	Cuttings	1918 - 1938	892673



ID	Location	Land use	Dates present	Group ID
R	343m S	Cuttings	1892	903302
P	344m W	Railway Sidings	1934 - 1938	977313
R	345m S	Cuttings	1906	928396
R	355m S	Cuttings	1985 - 1991	877154
P	355m W	Unspecified Tank	1905	825241
P	361m W	Unspecified Depot	1968	818434
Q	365m S	Cotton Mills	1851	811453
S	367m NW	Steel Works	1890	810024
O	367m W	Railway Station	1905	822942
S	370m NW	Unspecified Works	1968 - 1978	875829
S	370m NW	Unspecified Works	1985 - 1991	938462
S	371m NW	Engineering Works	1915 - 1923	870147
O	373m W	Railway Station	1890 - 1905	925146
T	373m E	Unspecified Works	1934	952556
T	377m E	Unspecified Works	1906 - 1938	921946
P	381m W	Railway Sidings	1938	968271
P	386m W	Railway Sidings	1934	937535
P	386m W	Railway Sidings	1915	991416
15	410m SE	Unspecified Pit	1892	840712
17	420m W	Unspecified Depot	1985 - 1991	846351
N	424m W	Unspecified Yard	1890	849060
N	424m W	Railway Sidings	1890	974704
N	425m W	Locomotive Works	1968	924954
U	426m SE	Brick Works	1918	923629
N	427m W	Locomotive Works	1938 - 1956	867135
N	427m W	Railway Sidings	1956	912703
N	431m W	Railway Sidings	1968	966235
N	434m W	Locomotive Works	1934	885991



ID	Location	Land use	Dates present	Group ID
N	437m W	Carriage, Wagon and Locomotive Works	1915 - 1923	937994
N	437m W	Locomotive Works	1905	946681
V	441m N	Electrical Engineering Works	1934 - 1938	922087
V	448m N	Unspecified Commercial/Industrial	1991	920794
V	448m N	Unspecified Works	1985	926037
V	451m N	Electrical Engineering Works	1956	880349
V	451m N	Unspecified Works	1968	907935
W	451m S	Unspecified Ground Workings	1906	966521
V	452m N	Unspecified Works	1978	915460
U	461m S	Brick Works	1923	871507
U	464m S	Brick Works	1906	864155
U	470m SE	Unspecified Pit	1956 - 1968	882912
U	474m SE	Unspecified Ground Workings	1934 - 1938	909200
W	474m S	Unspecified Ground Workings	1918 - 1923	844930
U	476m SE	Unspecified Ground Workings	1906	872986
U	477m SE	Unspecified Ground Workings	1934	878786
U	477m SE	Clay Pit	1918 - 1923	979574
20	479m SW	Unspecified Mills	1890	808186
Y	482m NW	Unspecified Mill	1915	871356
Y	482m NW	Unspecified Mill	1934 - 1938	921592
Y	484m NW	Unspecified Mill	1923	976610
21	485m S	Refuse Heap	1934 - 1938	874948
U	487m SE	Unspecified Heap	1956 - 1968	880817
22	487m S	Unspecified Ground Workings	1906	978509
23	488m NW	Unspecified Works	1985 - 1991	896896
U	489m SE	Unspecified Ground Workings	1938	976286
U	490m SE	Railway Sidings	1906	794678

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

18

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

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

ID	Location	Land use	Dates present	Group ID
F	187m W	Unspecified Tank	1893	116473
7	290m N	Unspecified Tank	1986 - 1992	136322
I	306m W	Unspecified Tank	1933	116472
9	312m N	Unspecified Tank	1986 - 1992	133795
H	332m NW	Unspecified Tank	1893	116471
H	345m W	Unspecified Tank	1978	116468
P	353m W	Unspecified Tank	1893 - 1908	145247
13	366m NW	Unspecified Tank	1995	116447
P	379m W	Unspecified Tank	1893 - 1908	149377
P	380m W	Tanks	1933	107115
P	383m W	Unspecified Tank	1893 - 1908	136312
14	401m S	Unspecified Tank	1922	116485
P	404m W	Tanks	1922 - 1933	138348
P	418m W	Tanks	1949	107116
16	419m N	Unspecified Tank	1893	116434
S	440m NW	Unspecified Tank	1978 - 1980	131035
X	464m N	Unspecified Tank	1973 - 1992	137559
U	487m S	Tanks	1922	107084

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

10

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

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

ID	Location	Land use	Dates present	Group ID
2	85m W	Electricity Substation	1979 - 1991	68727
J	221m NE	Electricity Substation	1984 - 1991	66358
J	221m NE	Electricity Substation	1949 - 1973	69420
10	314m SE	Electricity Substation	1973 - 1991	74367
M	319m S	Electricity Substation	1991	62284
11	322m N	Electricity Substation	1973 - 1992	66807
12	362m S	Electricity Substation	1979 - 1991	74107
18	443m N	Electricity Substation	1949 - 1992	69870
Z	492m SW	Electricity Substation	1950	65937
Z	492m SW	Electricity Substation	1950 - 1991	78176

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

11

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

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

ID	Location	Land use	Dates present	Group ID
3	110m S	Garage	1957 - 1991	27087
4	161m N	Garage	1949 - 1973	26163
K	230m E	Garage	1991	24934
K	231m E	Garage	1973	21837
19	463m NE	Garage	1973 - 1991	25236
X	476m N	Garage	1949	20927
X	476m N	Garage	1973	23053
X	476m N	Garage	1949	23676
X	481m N	Garage	1986 - 1992	24324
X	490m N	Garage	1984	23088
X	499m N	Garage	1986 - 1992	25765

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

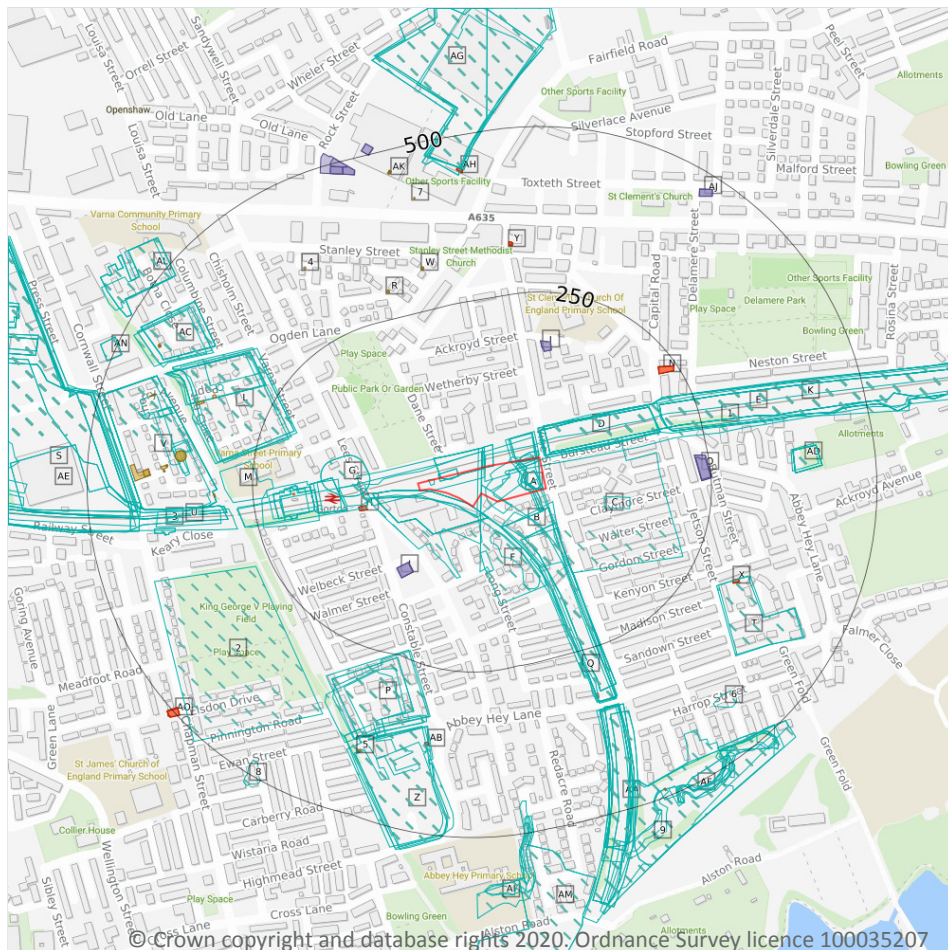
0

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

204

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 22**

ID	Location	Land Use	Date	Group ID
1	On site	Cuttings	1845	932876
A	On site	Unspecified Ground Workings	1938	891915
A	On site	Unspecified Ground Workings	1934	891915



ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Ground Workings	1906	922578
A	On site	Cuttings	1923	912796
A	On site	Cuttings	1851	848021
A	On site	Cuttings	1923	876990
A	On site	Cuttings	1918	957670
A	On site	Unspecified Ground Workings	1934	939019
A	On site	Unspecified Works	1985	881856
A	On site	Unspecified Heap	1985	927567
A	On site	Unspecified Works	1978	869460
A	On site	Unspecified Heap	1978	907399
A	On site	Railway Building	1978	878618
A	On site	Unspecified Works	1991	881856
A	On site	Unspecified Heap	1991	927567
A	On site	Unspecified Works	1968	869460
A	On site	Railway Building	1968	878618
A	On site	Unspecified Heap	1968	907399
A	On site	Railway Building	1923	820458
A	On site	Cuttings	1938	889443
A	On site	Cuttings	1934	857527
A	On site	Cuttings	1915	857527
A	On site	Cuttings	1890	905530
A	On site	Cuttings	1938	844577
A	On site	Cuttings	1938	918637
A	On site	Cuttings	1934	857527
A	On site	Cuttings	1934	988160
A	On site	Cuttings	1892	967402
B	On site	Cuttings	1918	930314
B	On site	Cuttings	1892	967402



ID	Location	Land Use	Date	Group ID
C	On site	Brick Works	1906	818780
D	8m NE	Cuttings	1934	919502
E	9m E	Railway Sidings	1906	947546
D	9m E	Cuttings	1923	979412
A	10m SW	Unspecified Ground Workings	1905	800746
D	11m E	Cuttings	1918	979412
D	11m E	Cuttings	1938	979412
D	11m E	Cuttings	1934	979412
D	11m E	Cuttings	1906	979412
D	11m E	Cuttings	1892	846473
F	16m SE	Brick Works	1906	818777
E	17m E	Cuttings	1956	865848
E	17m E	Cuttings	1985	939147
E	17m E	Cuttings	1978	865848
E	17m E	Cuttings	1991	939147
E	17m E	Cuttings	1968	865848
B	22m S	Cuttings	1906	990923
B	22m SE	Cuttings	1978	869314
B	28m S	Cuttings	1938	869314
B	28m S	Cuttings	1934	869314
F	45m S	Unspecified Pit	1906	840713
B	54m S	Cuttings	1985	869314
B	54m S	Cuttings	1991	869314
B	54m S	Cuttings	1968	869314
B	62m S	Cuttings	1923	869314
F	70m S	Railway Sidings	1906	794680
G	73m W	Railway Station	1985	978510
G	73m W	Railway Station	1991	978510



ID	Location	Land Use	Date	Group ID
G	82m W	Cuttings	1851	853703
C	89m E	Railway Sidings	1906	794679
B	112m S	Cuttings	1934	856948
G	114m W	Cuttings	1938	980900
G	114m W	Cuttings	1934	980900
G	114m W	Cuttings	1915	923452
G	119m W	Cuttings	1923	851320
G	155m W	Railway Station	1956	891175
G	155m W	Railway Station	1968	891175
G	156m W	Cuttings	1923	865091
G	160m W	Railway Station	1938	944786
G	160m W	Railway Station	1934	944786
G	160m W	Railway Station	1915	849746
G	169m W	Railway Station	1923	942015
K	192m E	Cuttings	1934	924154
K	194m E	Cuttings	1923	924154
K	194m E	Cuttings	1918	924154
K	194m E	Cuttings	1938	924154
K	194m E	Cuttings	1934	924154
K	194m E	Cuttings	1906	924154
K	194m E	Cuttings	1892	914246
L	198m NW	Unspecified Works	1985	938344
L	203m NW	Unspecified Works	1978	927331
L	203m NW	Unspecified Works	1968	984653
L	204m W	Unspecified Commercial/Industrial	1934	796815
L	206m W	Unspecified Mill	1905	962533
G	208m W	Cuttings	1890	942304
M	218m W	Iron Works	1890	822801

ID	Location	Land Use	Date	Group ID
P	237m SW	Unspecified Works	1968	921898
P	238m SW	Unspecified Works	1978	965862
P	254m S	Unspecified Works	1985	916959
P	254m S	Unspecified Works	1991	916959
Q	268m S	Railway Building	1938	880328
Q	268m S	Railway Building	1934	880328
P	271m SW	Wadding Works	1934	813187
L	273m NW	Unspecified Mill	1915	956130
2	273m SW	Wadding Works	1915	813186
L	275m NW	Unspecified Mill	1890	867414
L	279m NW	Unspecified Mill	1923	956130
P	279m S	Unspecified Works	1923	866641
3	281m W	Cuttings	1851	795823
S	292m W	Railway Sidings	1938	975550
S	292m W	Railway Sidings	1934	886032
S	292m W	Railway Sidings	1915	926340
S	292m W	Railway Sidings	1915	954027
S	292m W	Railway Sidings	1905	954032
S	292m W	Railway Sidings	1923	902553
T	297m SE	Pottery	1918	930725
T	299m SE	Pottery	1923	930725
U	302m W	Railway Sidings	1991	938823
V	304m W	Canal Depot	1938	947382
V	304m W	Canal Depot	1934	947382
V	304m W	Canal Depot	1915	858788
V	304m W	Unspecified Commercial/Industrial	1905	796816
V	304m W	Canal Depot	1890	859856
V	314m W	Canal Depot	1923	984746

ID	Location	Land Use	Date	Group ID
L	327m NW	Chimney	1968	835770
Z	339m S	Unspecified Mills	1915	903286
Z	339m S	Unspecified Mills	1905	910568
Z	341m S	Unspecified Mills	1923	944468
Z	341m S	Unspecified Mills	1890	910568
AA	342m S	Cuttings	1956	938269
AA	342m S	Cuttings	1978	938269
AA	342m S	Cuttings	1968	938269
AA	343m S	Cuttings	1934	892673
AA	343m S	Cuttings	1892	903302
AA	344m S	Cuttings	1923	892673
V	344m W	Railway Sidings	1938	977313
AA	345m S	Cuttings	1938	892673
AA	345m S	Cuttings	1934	892673
AA	345m S	Cuttings	1906	928396
V	345m W	Railway Sidings	1934	977313
AA	346m S	Cuttings	1918	892673
AA	355m S	Cuttings	1985	877154
AA	355m S	Cuttings	1991	877154
V	355m W	Unspecified Tank	1905	825241
V	361m W	Unspecified Depot	1968	818434
Z	365m S	Cotton Mills	1851	811453
AC	367m NW	Steel Works	1890	810024
U	367m W	Railway Station	1905	822942
AC	370m NW	Unspecified Works	1985	938462
AC	370m NW	Unspecified Works	1978	875829
AC	370m NW	Unspecified Works	1991	938462
AC	370m NW	Unspecified Works	1968	875829

ID	Location	Land Use	Date	Group ID
AC	371m NW	Engineering Works	1915	870147
U	373m W	Railway Station	1905	925146
U	373m W	Railway Station	1890	925146
AD	373m E	Unspecified Works	1934	952556
AC	375m NW	Engineering Works	1923	870147
AD	377m E	Unspecified Works	1938	921946
AD	377m E	Unspecified Works	1934	921946
AD	377m E	Unspecified Works	1906	921946
AD	377m E	Unspecified Works	1923	921946
AD	377m E	Unspecified Works	1918	921946
V	381m W	Railway Sidings	1938	968271
V	386m W	Railway Sidings	1934	937535
V	386m W	Railway Sidings	1915	991416
6	410m SE	Unspecified Pit	1892	840712
AE	420m W	Unspecified Depot	1985	846351
AE	420m W	Unspecified Depot	1991	846351
S	424m W	Railway Sidings	1890	974704
S	424m W	Unspecified Yard	1890	849060
S	425m W	Locomotive Works	1968	924954
AF	426m SE	Brick Works	1918	923629
S	427m W	Railway Sidings	1956	912703
S	427m W	Locomotive Works	1956	867135
S	431m W	Railway Sidings	1968	966235
S	434m W	Locomotive Works	1938	867135
S	434m W	Locomotive Works	1934	885991
S	437m W	Locomotive Works	1905	946681
S	437m W	Carriage, Wagon and Locomotive Works	1923	937994
AG	441m N	Electrical Engineering Works	1938	922087

ID	Location	Land Use	Date	Group ID
AG	441m N	Electrical Engineering Works	1934	922087
AG	448m N	Unspecified Works	1985	926037
AG	448m N	Unspecified Commercial/Industrial	1991	920794
AG	451m N	Electrical Engineering Works	1956	880349
AG	451m N	Unspecified Works	1968	907935
AI	451m S	Unspecified Ground Workings	1906	966521
AG	452m N	Unspecified Works	1978	915460
AF	461m S	Brick Works	1923	871507
AF	464m S	Brick Works	1906	864155
AF	470m SE	Unspecified Pit	1956	882912
AF	470m SE	Unspecified Pit	1968	882912
AF	474m SE	Unspecified Ground Workings	1934	909200
AI	474m S	Unspecified Ground Workings	1923	844930
AF	476m SE	Unspecified Ground Workings	1906	872986
AI	477m S	Unspecified Ground Workings	1918	844930
AF	477m SE	Unspecified Ground Workings	1934	878786
AF	477m SE	Clay Pit	1923	979574
8	479m SW	Unspecified Mills	1890	808186
AF	480m SE	Clay Pit	1918	979574
AL	482m NW	Unspecified Mill	1938	921592
AL	482m NW	Unspecified Mill	1934	921592
AL	482m NW	Unspecified Mill	1915	871356
AL	484m NW	Unspecified Mill	1923	976610
AF	484m SE	Unspecified Ground Workings	1938	909200
AM	485m S	Refuse Heap	1938	874948
AM	485m S	Refuse Heap	1934	874948
AF	487m SE	Unspecified Heap	1956	880817
AF	487m SE	Unspecified Heap	1968	880817

ID	Location	Land Use	Date	Group ID
9	487m S	Unspecified Ground Workings	1906	978509
AN	488m NW	Unspecified Works	1985	896896
AN	488m NW	Unspecified Works	1991	896896
AF	489m SE	Unspecified Ground Workings	1938	976286
AF	490m SE	Railway Sidings	1906	794678

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

29

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 22**

ID	Location	Land Use	Date	Group ID
G	187m W	Unspecified Tank	1893	116473
R	290m N	Unspecified Tank	1992	136322
R	291m N	Unspecified Tank	1986	136322
M	306m W	Unspecified Tank	1933	116472
W	312m N	Unspecified Tank	1992	133795
W	313m N	Unspecified Tank	1986	133795
L	332m NW	Unspecified Tank	1893	116471
L	345m W	Unspecified Tank	1978	116468
V	353m W	Unspecified Tank	1893	145247
V	353m W	Unspecified Tank	1908	145247
4	366m NW	Unspecified Tank	1995	116447
V	379m W	Unspecified Tank	1893	149377
V	379m W	Unspecified Tank	1908	149377
V	380m W	Tanks	1933	107115
V	383m W	Unspecified Tank	1893	136312



ID	Location	Land Use	Date	Group ID
V	383m W	Unspecified Tank	1908	136312
5	401m S	Unspecified Tank	1922	116485
V	404m W	Tanks	1922	138348
V	405m W	Tanks	1933	138348
V	418m W	Tanks	1949	107116
7	419m N	Unspecified Tank	1893	116434
AC	440m NW	Unspecified Tank	1978	131035
AC	440m NW	Unspecified Tank	1980	131035
AC	440m NW	Unspecified Tank	1980	131035
AK	464m N	Unspecified Tank	1992	137559
AK	464m N	Unspecified Tank	1973	137559
AK	464m N	Unspecified Tank	1986	137559
AK	465m N	Unspecified Tank	1984	137559
AF	487m S	Tanks	1922	107084

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

28

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 22**

ID	Location	Land Use	Date	Group ID
H	85m W	Electricity Substation	1979	68727
H	85m W	Electricity Substation	1991	68727
N	221m NE	Electricity Substation	1984	66358
N	221m NE	Electricity Substation	1991	66358
N	221m NE	Electricity Substation	1949	69420
N	221m NE	Electricity Substation	1973	69420



ID	Location	Land Use	Date	Group ID
N	221m NE	Electricity Substation	1949	69420
X	314m SE	Electricity Substation	1991	74367
X	314m SE	Electricity Substation	1991	74367
X	315m SE	Electricity Substation	1973	74367
Q	319m S	Electricity Substation	1991	62284
Y	322m N	Electricity Substation	1992	66807
Y	323m N	Electricity Substation	1973	66807
Y	323m N	Electricity Substation	1986	66807
Y	324m N	Electricity Substation	1984	66807
AB	362m S	Electricity Substation	1979	74107
AB	362m S	Electricity Substation	1991	74107
AH	443m N	Electricity Substation	1992	69870
AH	444m N	Electricity Substation	1973	69870
AH	444m N	Electricity Substation	1986	69870
AH	444m N	Electricity Substation	1949	69870
AH	444m N	Electricity Substation	1949	69870
AH	445m N	Electricity Substation	1984	69870
AO	492m SW	Electricity Substation	1950	65937
AO	492m SW	Electricity Substation	1978	78176
AO	492m SW	Electricity Substation	1991	78176
AO	492m SW	Electricity Substation	1985	78176
AO	492m SW	Electricity Substation	1950	78176

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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



This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

19

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'.

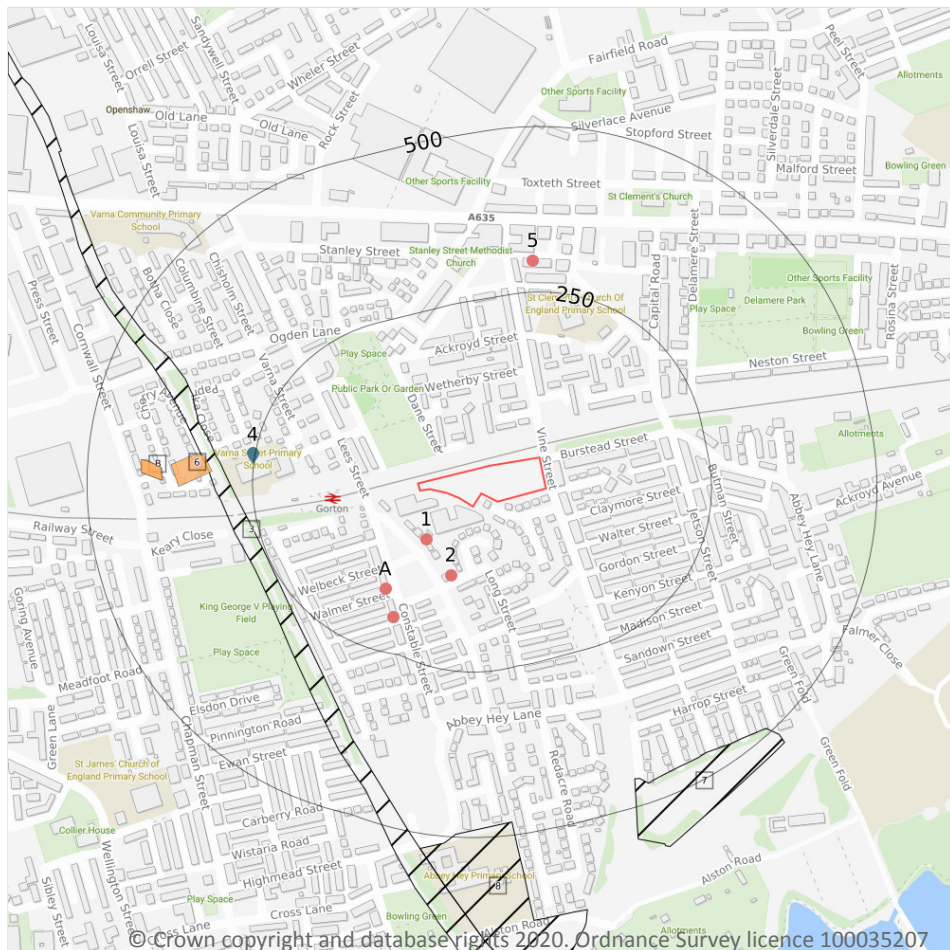
Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
I	110m S	Garage	1979	27087
I	110m S	Garage	1991	27087
I	110m S	Garage	1957	27087
J	161m N	Garage	1973	26163
J	161m N	Garage	1949	26163
O	230m E	Garage	1991	24934
O	230m E	Garage	1991	24934
O	231m E	Garage	1973	21837
AJ	463m NE	Garage	1984	25236
AJ	463m NE	Garage	1991	25236
AJ	463m NE	Garage	1973	25236
AK	476m N	Garage	1949	20927
AK	476m N	Garage	1973	23053
AK	476m N	Garage	1949	23676
AK	481m N	Garage	1992	24324
AK	481m N	Garage	1986	24324
AK	490m N	Garage	1984	23088
AK	499m N	Garage	1992	25765
AK	500m N	Garage	1986	25765

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

3

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 34**

ID	Location	Details		
3	252m SW	Site Address: Stockport Branch Canal, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: F056 Waste Type: Inert, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -
7	458m S	Site Address: Abbey Hey Lane, Levenshulme Licence Holder Address: -	Waste Licence: - Site Reference: F038 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -
8	480m S	Site Address: High Bank, Gorton, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: F037 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -

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

3.5 Historical waste sites

Records within 500m

3

Waste site records derived from Local Authority planning records and high detail historical mapping. Features are displayed on the Waste and landfill map on **page 34**

ID	Location	Address	Further Details	Date
6	311m W	Site Address: N/A	Type of Site: Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1958
B	385m W	Site Address: N/A	Type of Site: Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1958
B	386m W	Site Address: N/A	Type of Site: Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1985

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 34**

ID	Location	Details		
4	253m W	Site Name: - Site Address: Highbank Trading Estate, Unit 3b, Openshaw, Manchester, M11 Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DFO001 EPR reference: EA/EPR/FP3692CZ/S002 Operator: Foster Mr. K. Waste Management licence No: 53510 Annual Tonnage: 75000	Issue Date: 20/03/1998 Effective Date: - Modified:: - Surrendered Date: Sep 7 2000 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered



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

3.7 Waste exemptions

Records within 500m

5

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.

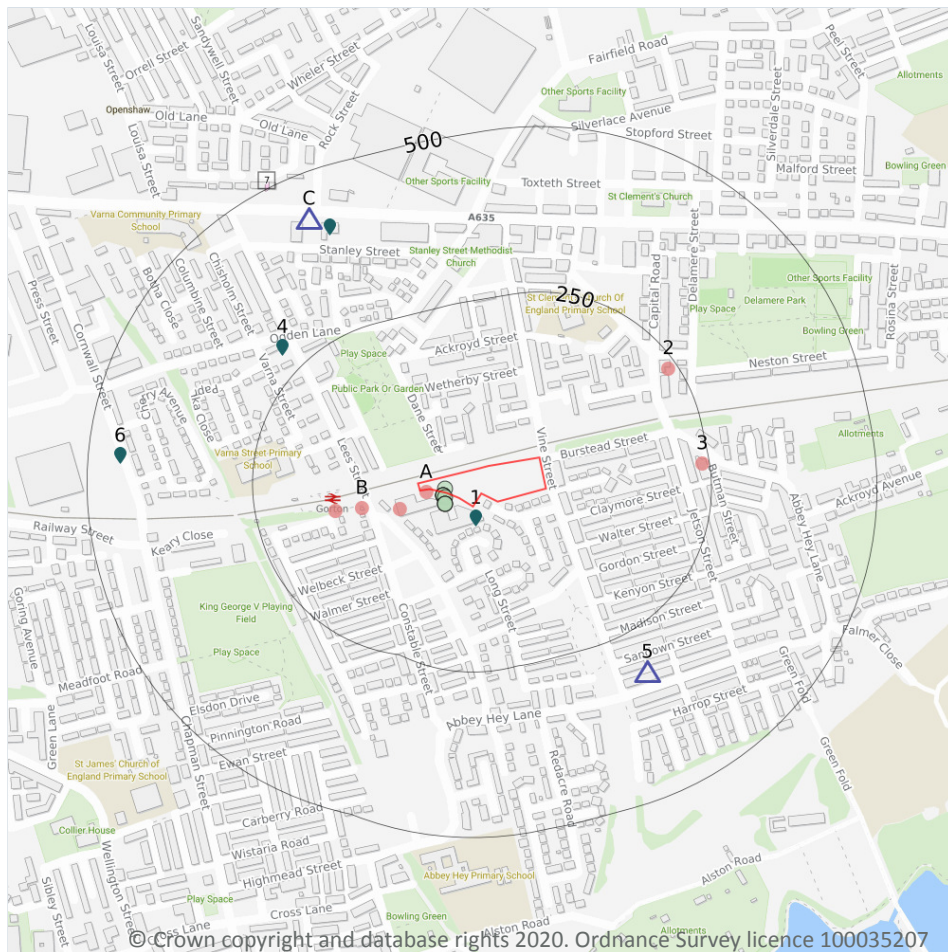
Features are displayed on the Waste and landfill map on **page 34**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	75m S	Land adjacent to 163 Lees Street, Lees Street, Gorton, Manchester, M188QI	WEX138324	Storing waste exemption	Not on a farm	Storage of waste in a secure place
2	110m S	163 (land adjacent), LEES STREET, ABBEY HEY, MANCHESTER, M18 8QL	WEX134251	Using waste exemption	Not on a farm	Use of waste in construction
A	159m S	c/o Engie, Constable Street, Gorton, Manchester, M18 8QQ	WEX139652	Using waste exemption	Not on a farm	Use of waste in construction
A	196m S	47, CONSTABLE STREET, MANCHESTER, M18 8QQ	WEX221462	Using waste exemption	Not on a farm	Use of waste in construction
5	297m N	84-90 Stanley Street MANCHESTER M11 1LE	EPR/PF0000XD /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- ▲ Current or recent petrol stations
- Sites determined as Contaminated Land
- Licensed pollutant release (Part A(2)/B)
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

6

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 38**

ID	Location	Company	Address	Activity	Category
A	4m S	Mast (Telecommunication)	Greater Manchester, M18	Telecommunications Features	Infrastructure and Facilities
A	41m SW	Sprayaway	Unit 5 Enterprise Trading Estate, Lees Street, Abbey Hey, Manchester, Greater Manchester, M18 8QU	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
B	92m W	Electricity Sub Station	Greater Manchester, M18	Electrical Features	Infrastructure and Facilities
B	132m W	Gorton Rail Station	Greater Manchester, M18	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
2	237m NE	Electricity Sub Station	Greater Manchester, M11	Electrical Features	Infrastructure and Facilities
3	239m E	Lodge Service Station	Abbey Hey Lane, Abbey Hey, Manchester, Greater Manchester, M18 8TH	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 38**

ID	Location	Company	Address	LPG	Status
5	317m SE	OBSOLETE	Butman Street, Manchester, Greater Manchester, M18 8TG	Not Applicable	Obsolete
C	432m NW	MORRISONS	1094, Ashton Old Road, South Street, Gorton, Manchester, Greater Manchester, M11 2NG	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.



4.4 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m**1**

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

Features are displayed on the Current industrial land use map on **page 38**

ID	Location	Description	Site name	Category	Year identified
7	498m NW	Contaminated Land owing to presence of arsenic, heavy metals and polyaromatic hydrocarbons	9 Brock Close, Manchester, M11 1ED	Contaminated Land	2004

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

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

This data is sourced from the Health and Safety Executive.



4.8 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

4

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 38**

ID	Location	Address	Details	
1	17m S	Sapphire Garage Limited, Units 3,4,5,6,7, Enterprise Trading Estate, Lees Street, Gorton North, M18 8QU	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
4	290m NW	Lomax Joinery Ltd, Highbank Tradin Estate, Ogden Lane, Openshaw, M11 1WO	Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Address	Details	
C	409m N	Morrisons Openshaw Filling Station, 1216 Ashton Old Road, Openshaw, M11 2NG	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
6	451m W	British Fuels Ltd, The Coal Yd, Cornwall St, M11 2NR	Process: Quarry Processes 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 **0**

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m **0**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m **0**

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

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

4.15 Pollutant release to public sewer

Records within 500m **0**

Discharges of Special Category Effluents to the public sewer.

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



4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

9

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 38**

ID	Location	Details	
A	On site	Incident Date: 14/06/2001 Incident Identification: 9289 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	4m S	Incident Date: 26/09/2001 Incident Identification: 33103 Pollutant: Inert Materials and Wastes:Specific Waste Materials:Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes:Asbestos:Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	4m S	Incident Date: 26/09/2001 Incident Identification: 33103 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Location	Details	
A	4m S	Incident Date: 26/09/2001 Incident Identification: 33103 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	4m S	Incident Date: 26/09/2001 Incident Identification: 33103 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	6m S	Incident Date: 19/06/2001 Incident Identification: 10078 Pollutant: Inorganic Chemicals/Products Pollutant Description: Alkalis	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	16m S	Incident Date: 23/08/2001 Incident Identification: 26259 Pollutant: Inert Materials and Wastes:Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes:Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	16m S	Incident Date: 23/08/2001 Incident Identification: 26259 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	16m S	Incident Date: 23/08/2001 Incident Identification: 26259 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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



4.20 Pollution inventory waste transfers

Records within 500m

0

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

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

4.21 Pollution inventory radioactive waste

Records within 500m

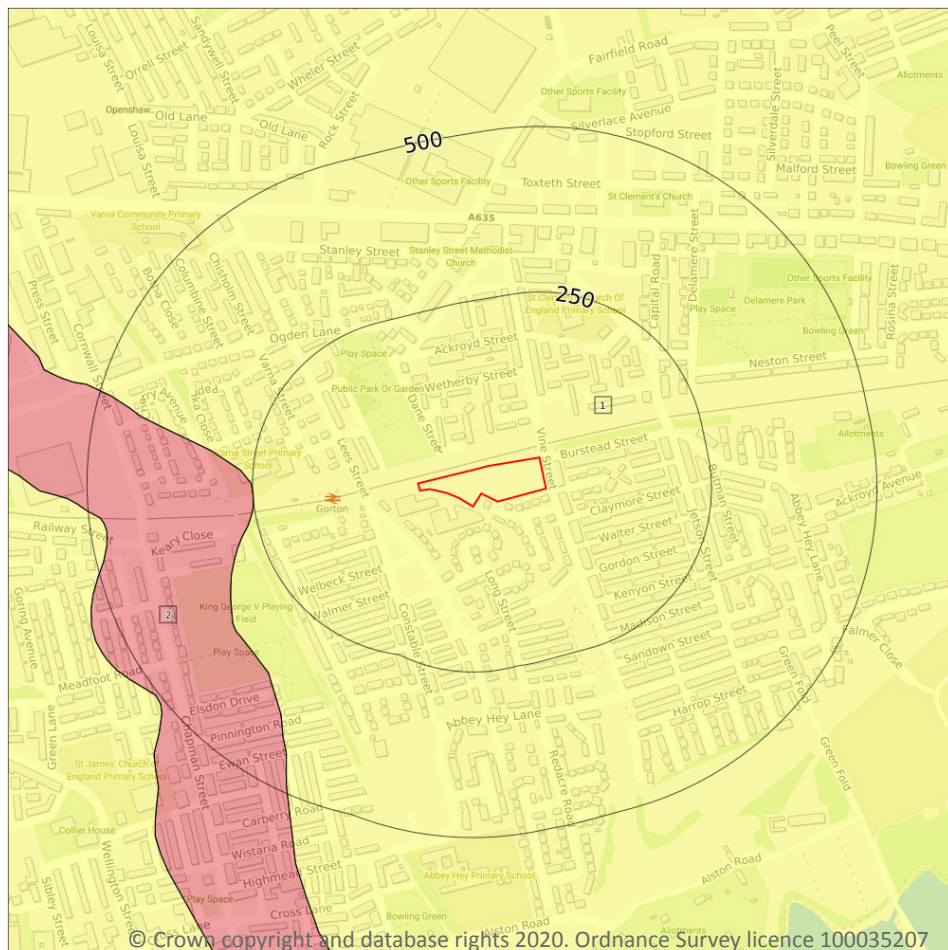
0

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

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



5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

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

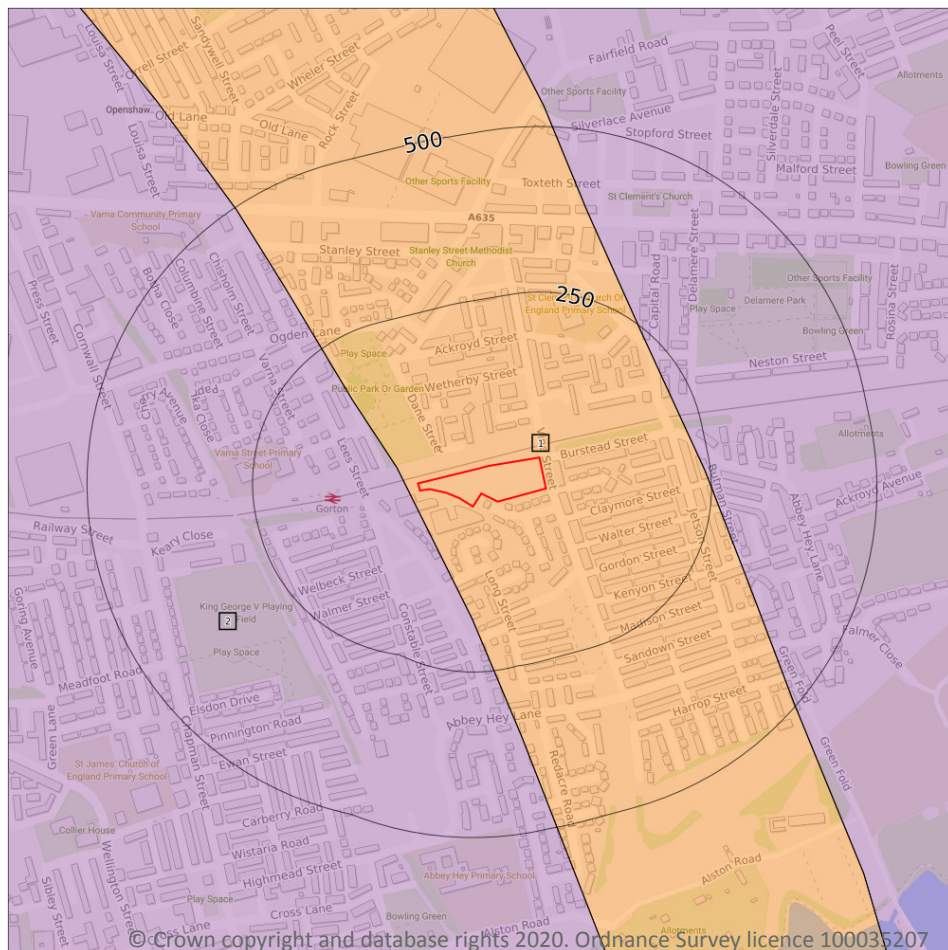
ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	250m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers



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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

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

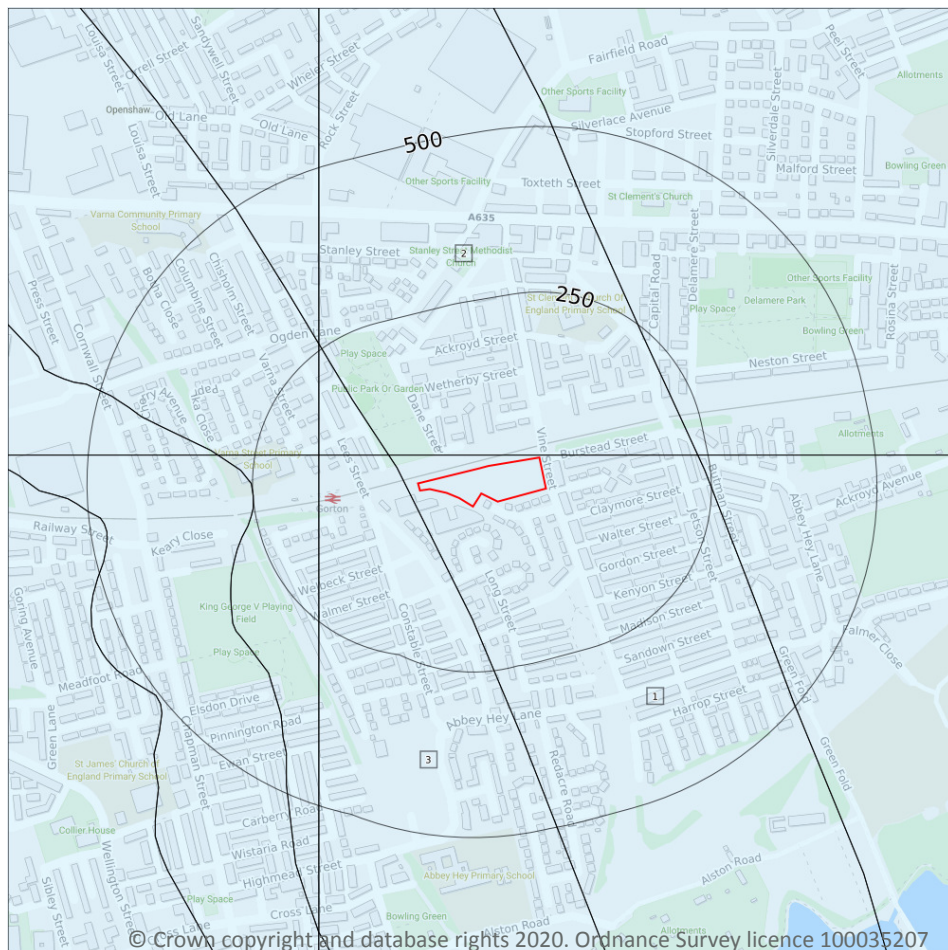
ID	Location	Designation	Description
1	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
2	16m SW	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



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



Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

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

Bedrock vulnerability

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

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m

3

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

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

Features are displayed on the Groundwater vulnerability map on **page 50**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	3m N	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
3	15m SW	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

Records on site

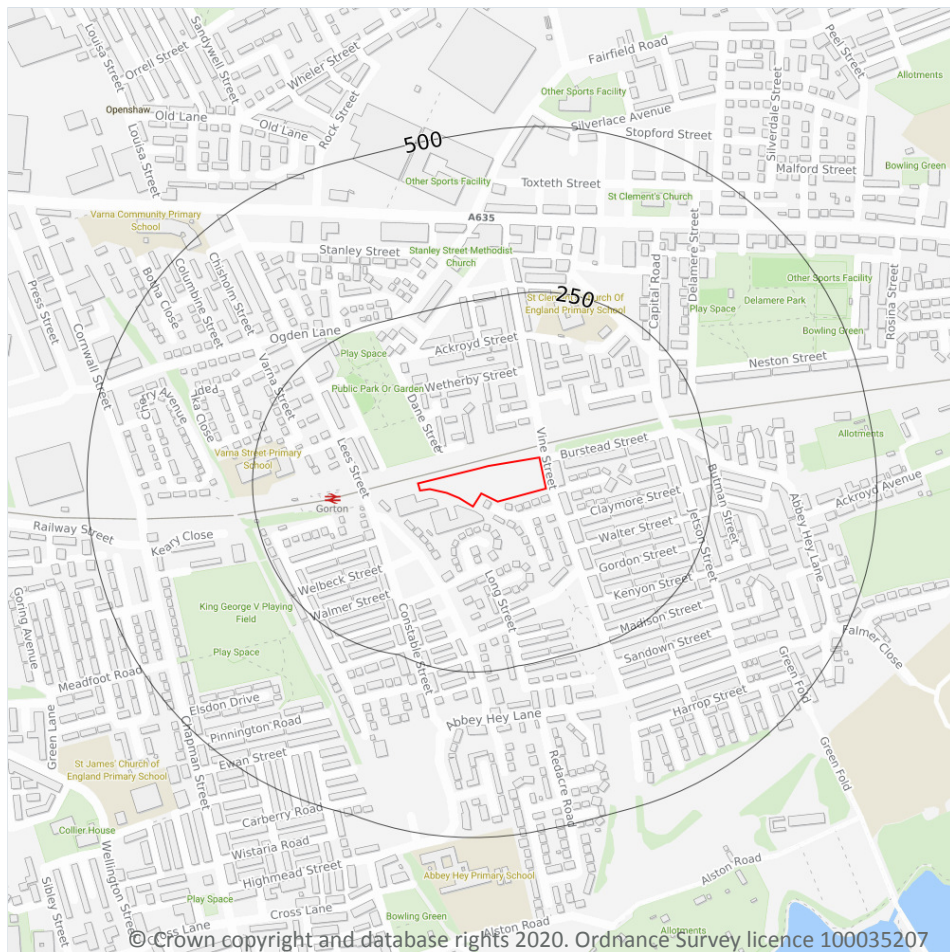
0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

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



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
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

29

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 52**

ID	Location	Details	
-	1122m W	Status: Historical Licence No: 2569006044 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PRESTON STREET, GORTON, MANCHESTER Data Type: Point Name: CEMEX UK MATERIALS LTD Easting: 388030 Northing: 396880	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 115 Original Application No: - Original Start Date: 23/10/2003 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 15/10/2007 Version End Date: -
-	1122m W	Status: Active Licence No: NW/069/0004/012 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PRESTON STREET, MANCHESTER Data Type: Point Name: Cemex UK Materials Limited Easting: 388030 Northing: 396880	Annual Volume (m ³): 7,500 Max Daily Volume (m ³): 72 Original Application No: - Original Start Date: 19/06/2014 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 21/12/2018 Version End Date: -
-	1457m E	Status: Historical Licence No: NW/069/0013/001 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: DENTON GOLF CLUB BOREHOLE Data Type: Point Name: The Denton Golf Club Limited Easting: 390716 Northing: 396461	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 127.4 Original Application No: - Original Start Date: 27/08/2009 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 27/08/2009 Version End Date: -
-	1457m E	Status: Active Licence No: NW/069/0013/001/R01 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: DENTON GOLF CLUB BOREHOLE Data Type: Point Name: The Denton Golf Club Limited Easting: 390716 Northing: 396461	Annual Volume (m ³): 8,000 Max Daily Volume (m ³): 127.40 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2030 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
-	1470m SW	Status: Historical Licence No: 2569006043 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE, MANCHESTER Data Type: Point Name: G R A LIMITED Easting: 387950 Northing: 396100	Annual Volume (m ³): 4000 Max Daily Volume (m ³): 22 Original Application No: - Original Start Date: 20/06/2003 Expiry Date: 31/03/2014 Issue No: 2 Version Start Date: 01/04/2008 Version End Date: -



ID	Location	Details	
-	1693m NW	Status: Historical Licence No: 2569006036 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER" Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
-	1693m NW	Status: Historical Licence No: 2569006036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER" Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
-	1693m NW	Status: Historical Licence No: 2569006036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
-	1693m NW	Status: Historical Licence No: 2569006036 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -



ID	Location	Details	
-	1693m NW	Status: Historical Licence No: 2569006036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): 372772 Max Daily Volume (m ³): 3600.5 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
-	1693m NW	Status: Historical Licence No: 2569006036 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): 372772 Max Daily Volume (m ³): 3600.5 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
-	1732m NW	Status: Active Licence No: 2569006036 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER Data Type: Point Name: Evonik Chemicals Limited Easting: 388027 Northing: 398277	Annual Volume (m ³): 372,772 Max Daily Volume (m ³): 3,600.50 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 103 Version Start Date: 09/03/2017 Version End Date: -
-	1820m NW	Status: Historical Licence No: NW/069/0006/005 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 266113 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 14/11/2012 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 14/11/2012 Version End Date: -

ID	Location	Details	
-	1820m NW	Status: Historical Licence No: NW/069/0006/005 Details: Horticultural Watering Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 266113 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 14/11/2012 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 14/11/2012 Version End Date: -
-	1820m NW	Status: Historical Licence No: NW/069/0006/005 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 266113 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 14/11/2012 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 14/11/2012 Version End Date: -
-	1820m NW	Status: Active Licence No: NW/069/0006/005/R01 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 221,650 Max Daily Volume (m ³): 1,000 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
-	1820m NW	Status: Active Licence No: NW/069/0006/005/R01 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 221,650 Max Daily Volume (m ³): 1,000 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
-	1846m NW	Status: Historical Licence No: 2569006026 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, CLAYTON, MANCHESTER" Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -



ID	Location	Details	
-	1846m NW	Status: Historical Licence No: 2569006026 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, CLAYTON, MANCHESTER" Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -
-	1846m NW	Status: Historical Licence No: 2569006026 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, CLAYTON, MANCHESTER Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): 633962 Max Daily Volume (m ³): 2837 Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -
-	1846m NW	Status: Historical Licence No: 2569006026 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, CLAYTON, MANCHESTER Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): 633962 Max Daily Volume (m ³): 2837 Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -
-	1885m SW	Status: Historical Licence No: 2569006042 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE LEISURE CENTRE Data Type: Point Name: CLIVE BACK Easting: 387591 Northing: 395891	Annual Volume (m ³): 10000 Max Daily Volume (m ³): 276 Original Application No: - Original Start Date: 11/07/2002 Expiry Date: 31/03/2014 Issue No: 4 Version Start Date: 29/02/2012 Version End Date: -

ID	Location	Details	
-	1885m SW	Status: Historical Licence No: NW/069/0006/006 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE LEISURE CENTRE Data Type: Point Name: The Chief Operating Officer of the Eastlands Trust Easting: 387591 Northing: 395891	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 276 Original Application No: - Original Start Date: 16/05/2014 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 16/05/2014 Version End Date: -
-	1886m SW	Status: Historical Licence No: 2569006042 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: PERMO-TRIASSIC SANDSTONE AT BELLE VUE LEISURE CENTRE Data Type: Point Name: CLIVE BACK Easting: 387590 Northing: 395890	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 276 Original Application No: - Original Start Date: 11/07/2002 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 04/02/2009 Version End Date: -
-	1908m NW	Status: Historical Licence No: 2569006037 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLES (2) ON PREMISES AT CROFT ST, CLAYTON, MANCHESTER" Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 387900 Northing: 398400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
-	1908m NW	Status: Historical Licence No: 2569006037 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLES (2) ON PREMISES AT CROFT ST, CLAYTON, MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 387900 Northing: 398400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -

ID	Location	Details	
-	1908m NW	Status: Historical Licence No: 2569006037 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 ON PREMISES AT CROFT STREET CLAYTON MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 387900 Northing: 398400	Annual Volume (m ³): 111832 Max Daily Volume (m ³): 654.624 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
-	1917m NW	Status: Active Licence No: 2569006037 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLE 2 ON PREMISES AT CROFT STREET, CLAYTON, MANCHESTER Data Type: Point Name: Evonik Chemicals Limited Easting: 387859 Northing: 398375	Annual Volume (m ³): 111,831.60 Max Daily Volume (m ³): 654.62 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 103 Version Start Date: 09/03/2017 Version End Date: -
-	1919m NW	Status: Active Licence No: 2569006037 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLE 1 ON PREMISES AT CROFT STREET, CLAYTON, MANCHESTER Data Type: Point Name: Evonik Chemicals Limited Easting: 387860 Northing: 398379	Annual Volume (m ³): 111,831.60 Max Daily Volume (m ³): 654.62 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 103 Version Start Date: 09/03/2017 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

7

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 52**



ID	Location	Details	
-	1108m E	Status: Historical Licence No: 2569006039 Details: Spray Irrigation - Direct Direct Source: "Surface, Non-Tidal - North West Region" Point: "UPPER GORTON RESERVOIR, AUDENSHAW, MANCHESTER" Data Type: Point Name: FAIRFIELD GOLF AND SAILING CLUB Easting: 390450 Northing: 397000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/11/1996 Expiry Date: - Issue No: 100 Version Start Date: 20/11/1996 Version End Date: -
-	1108m E	Status: Historical Licence No: 2569006039 Details: Spray Irrigation - Direct Direct Source: Surface, Non-Tidal - North West Region Point: UPPER GORTON RESERVOIR, AUDENSHAW, MANCHESTER Data Type: Point Name: FAIRFIELD GOLF AND SAILING CLUB Easting: 390450 Northing: 397000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/11/1996 Expiry Date: - Issue No: 100 Version Start Date: 20/11/1996 Version End Date: -
-	1704m NW	Status: Historical Licence No: 2569006995 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "ASHTON CANAL, MANCHESTER" Data Type: Point Name: BRITISH WATERWAYS Easting: 388100 Northing: 398300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -
-	1704m NW	Status: Active Licence No: 2569006995 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: ASHTON CANAL, MANCHESTER Data Type: Point Name: Canal and River Trust Easting: 388100 Northing: 398300	Annual Volume (m ³): 68,190 Max Daily Volume (m ³): 68,190 Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -

ID	Location	Details	
-	1975m NW	Status: Historical Licence No: 2569006997 Details: Process water Direct Source: "Surface, Non-Tidal - North West Region" Point: "ASHTON CANAL, MANCHESTER [CLAYTON ANALINE]" Data Type: Point Name: BRITISH WATERWAYS Easting: 387800 Northing: 398400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -
-	1975m NW	Status: Historical Licence No: 2569006997 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: ASHTON CANAL, MANCHESTER [CLAYTON ANALINE] Data Type: Point Name: BRITISH WATERWAYS BOARD Easting: 387800 Northing: 398400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -
-	1975m NW	Status: Active Licence No: 2569006997 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: ASHTON CANAL MANCHESTER CLAYTON ANALINE Data Type: Point Name: Canal and River Trust Easting: 387800 Northing: 398400	Annual Volume (m ³): 3,500,420 Max Daily Volume (m ³): 3,500,420 Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

0

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

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



5.9 Source Protection Zones

Records within 500m	0
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

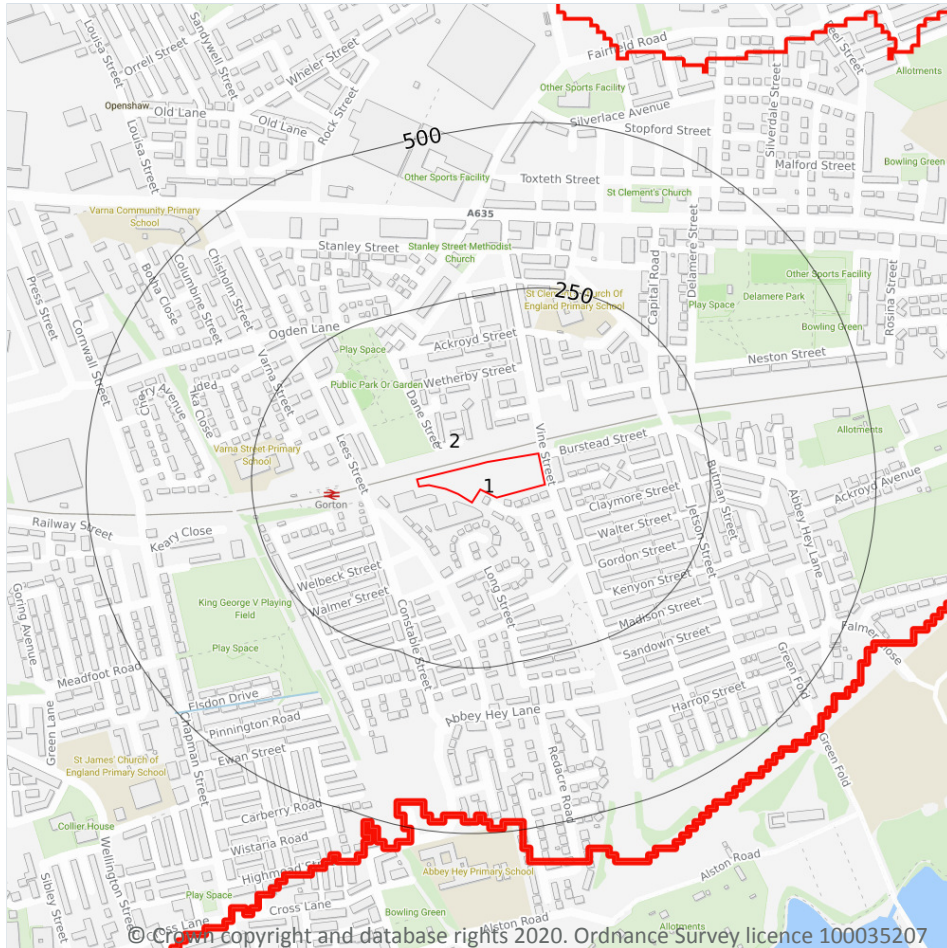
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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

6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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



This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
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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 63**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River WB catchment	Irwell / Manchester Ship Canal (Irk to confluence with Upper Mersey)	GB112069061452	Croal Irwell	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 63**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	5640m W	River	Irwell / Manchester Ship Canal (Irk to confluence with Upper Mersey)	GB112069061452	Moderate	Good	Moderate	2016

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

6.5 WFD Groundwater bodies

Records on site

1

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

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

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Manchester and East Cheshire Permo-Triassic Sandstone Aquifers	<u>GB41201G101100</u>	Poor	Poor	Poor	2015

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 Sea (RoFRaS)

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; 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).

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

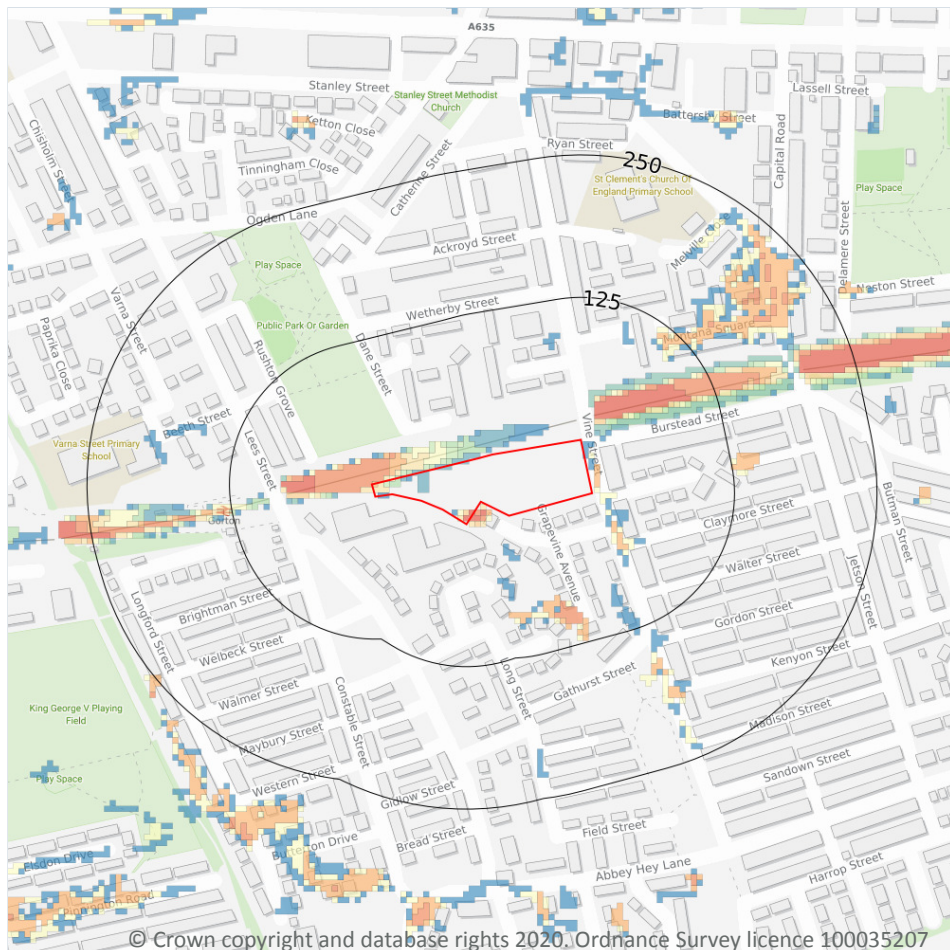
0

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, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 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 69**

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

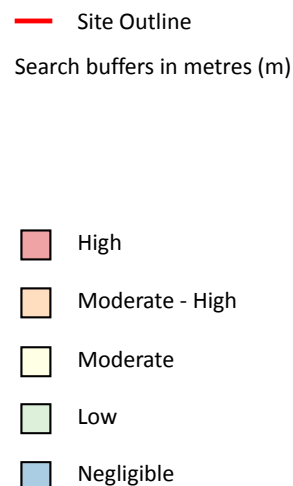
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

Moderate

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

Features are displayed on the Groundwater flooding map on **page 71**

This data is sourced from Ambiantal 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

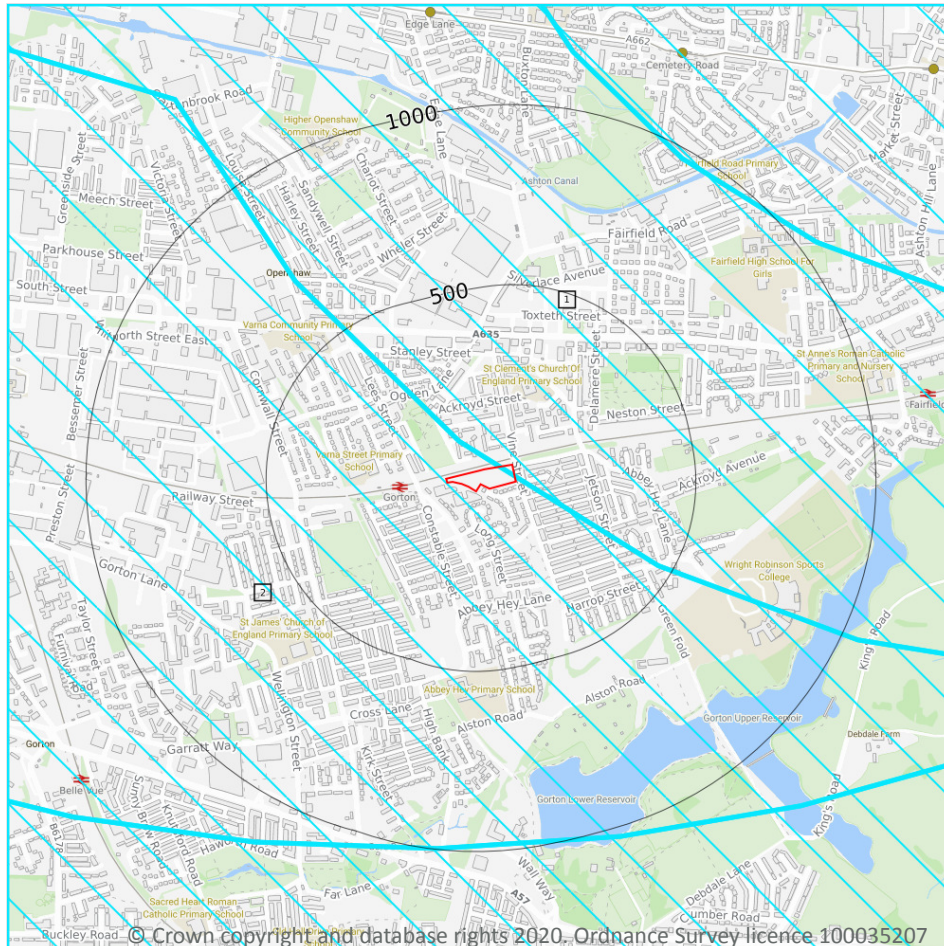
Records within 2000m

0

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

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

SSSI Impact Zones and Units



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

10.17 SSSI Impact Risk Zones

Records on site

2

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 76**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t) Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion
2	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t) Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion

This data is sourced from Natural England.

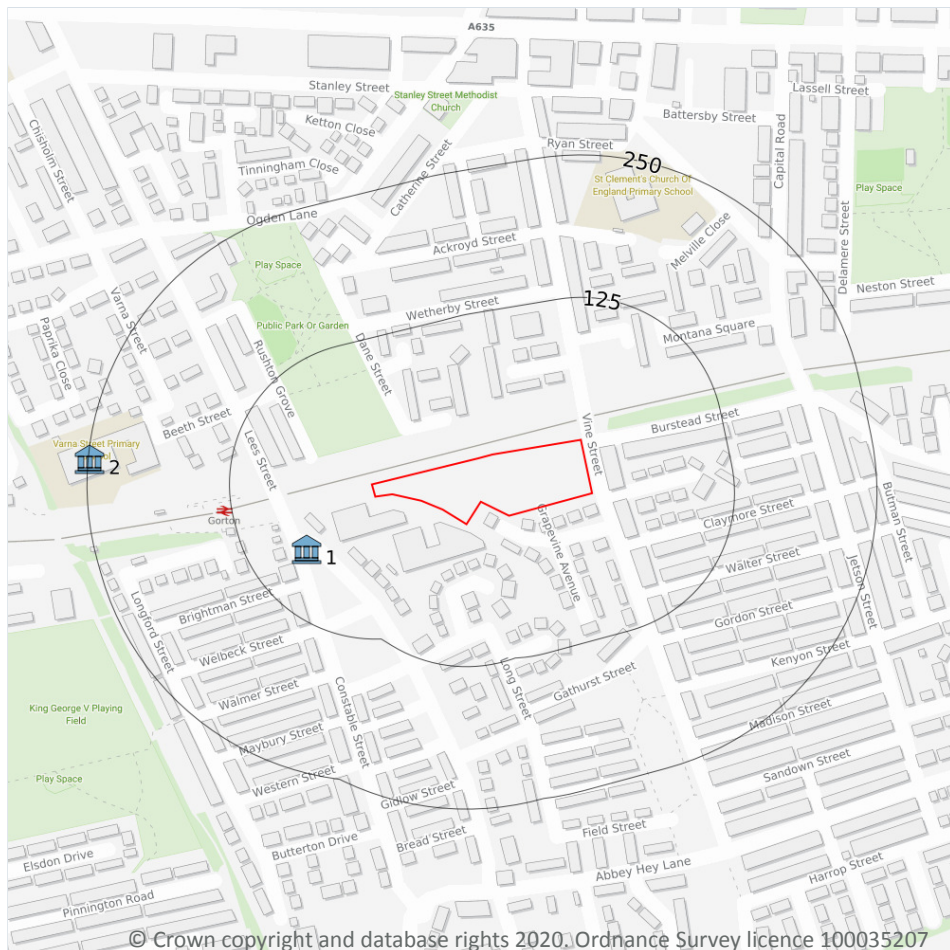
10.18 SSSI Units

Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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

11 Visual and cultural designations



- 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

2

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 78**

ID	Location	Name	Grade	Reference Number	Listed date
1	76m SW	Gorton And Abbey Hey War Memorial, Manchester, M11	II	1460798	08/11/2018
2	249m W	Varna Street School, Main Block, Manchester, M11	II	1403128	01/06/2012

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

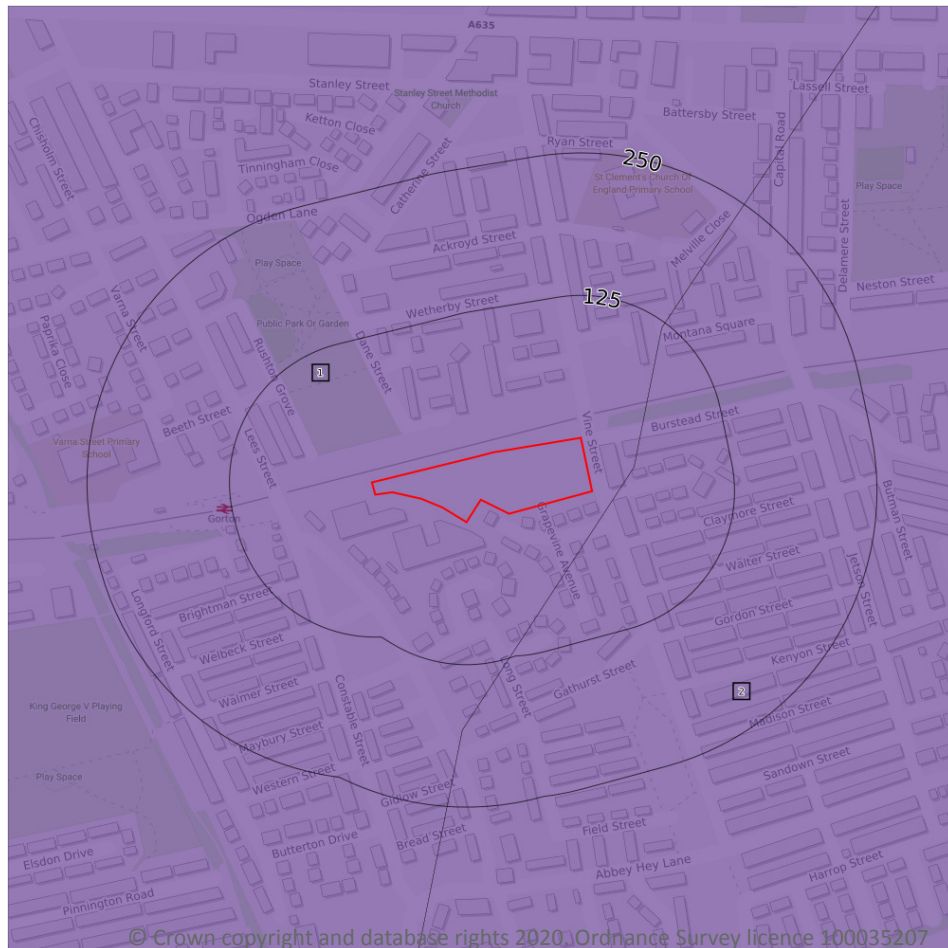
11.7 Registered Parks and Gardens

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 English Heritage, 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

2

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 81**

ID	Location	Classification	Description
1	On site	Urban	-
2	19m SE	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.

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 83**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	On site	HLD_refs: EAHLD1655 9	Low	Environment Agency Historic Landfill Sites	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

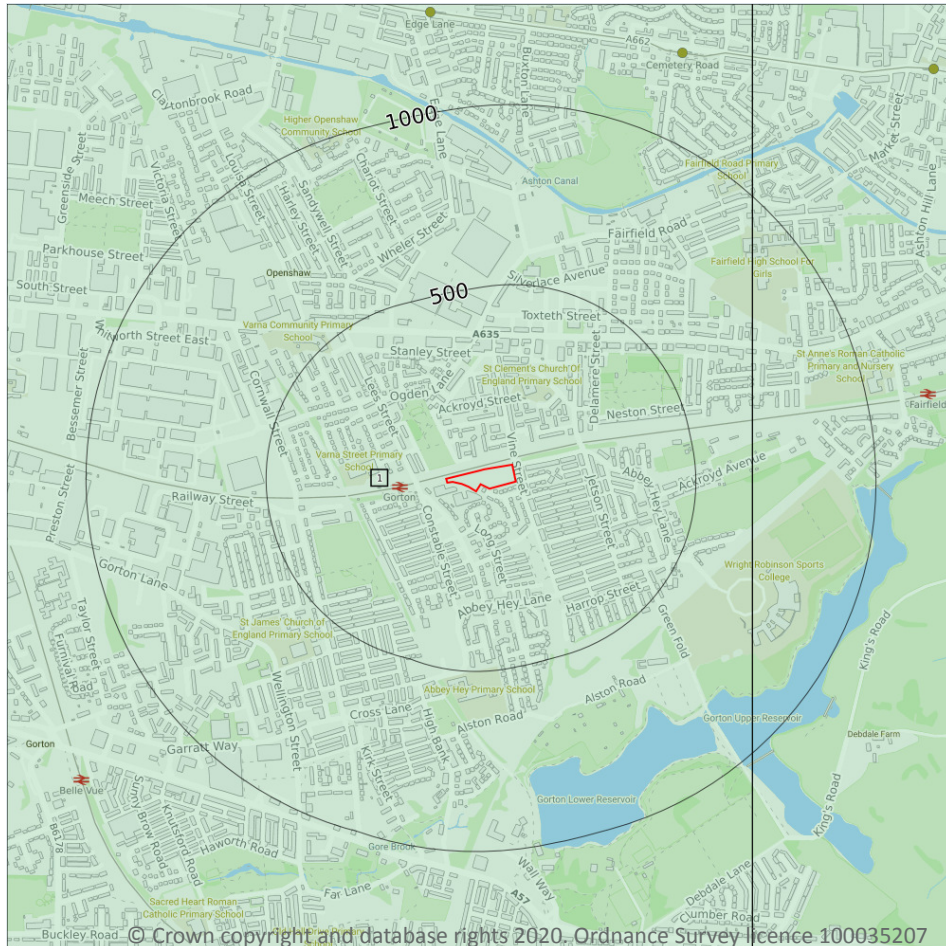
0

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 85**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SJ89NE

This data is sourced from the British Geological Survey.

