

Appendix C

Consultation Information

- **Groundsure Technical Report**
- **Coal Authority Report**

ROCHDALE SIXTH FORM COLLEGE, ROCHDALE SIXTH FORM COLLEGE, COLLEGE ROAD, ROCHDALE, OL12 6HY

Order Details

Date: 10/06/2022
Your ref: WIE19085-100_REQ116787
Our Ref: WTM1-8813133

Site Details

Location: 389270 413308
Area: 0.76 ha
Authority: [Rochdale Metropolitan Borough Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	Historical industrial land uses	8	4	53	97	-
20	1.2	Historical tanks	2	1	25	47	-
23	1.3	Historical energy features	0	0	13	23	-
25	1.4	Historical petrol stations	0	0	0	0	-
25	1.5	Historical garages	0	0	2	18	-
26	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
27	2.1	Historical industrial land uses	12	5	75	148	-
36	2.2	Historical tanks	3	1	38	76	-
41	2.3	Historical energy features	0	0	21	44	-
43	2.4	Historical petrol stations	0	0	0	0	-
43	2.5	Historical garages	0	0	3	27	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
46	3.1	Active or recent landfill	0	0	0	0	-
46	3.2	Historical landfill (BGS records)	0	0	0	0	-
47	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
47	3.4	Historical landfill (EA/NRW records)	0	0	1	1	-
47	3.5	Historical waste sites	0	0	0	1	-
48	3.6	Licensed waste sites	0	0	0	0	-
48	3.7	Waste exemptions	0	0	9	36	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
53	4.1	Recent industrial land uses	1	0	18	-	-
55	4.2	Current or recent petrol stations	0	0	1	0	-
55	4.3	Electricity cables	0	0	0	0	-
55	4.4	Gas pipelines	0	0	0	0	-
55	4.5	Sites determined as Contaminated Land	0	0	0	1	-

56	4.6	<u>Control of Major Accident Hazards (COMAH)</u>	1	0	1	0	-
56	4.7	Regulated explosive sites	0	0	0	0	-
56	4.8	<u>Hazardous substance storage/usage</u>	0	0	0	2	-
57	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
57	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	3	0	-
58	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	2	1	-
58	4.12	Radioactive Substance Authorisations	0	0	0	0	-
59	4.13	<u>Licensed Discharges to controlled waters</u>	0	6	1	22	-
63	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
63	4.15	Pollutant release to public sewer	0	0	0	0	-
63	4.16	List 1 Dangerous Substances	0	0	0	0	-
63	4.17	List 2 Dangerous Substances	0	0	0	0	-
64	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	2	6	-
65	4.19	Pollution inventory substances	0	0	0	0	-
65	4.20	Pollution inventory waste transfers	0	0	0	0	-
65	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
66	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
68	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
69	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
70	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
70	5.5	Groundwater vulnerability- local information	None (within 0m)				
71	5.6	<u>Groundwater abstractions</u>	0	0	0	3	0
72	5.7	<u>Surface water abstractions</u>	0	0	0	0	17
77	5.8	Potable abstractions	0	0	0	0	0
77	5.9	Source Protection Zones	0	0	0	0	-
77	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
78	6.1	<u>Water Network (OS MasterMap)</u>	1	0	5	-	-

79	6.2	<u>Surface water features</u>	1	2	3	-	-
79	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
80	6.4	<u>WFD Surface water bodies</u>	1	0	0	-	-
80	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
81	7.1	<u>Risk of flooding from rivers and the sea</u>	High (within 50m)				
82	7.2	<u>Historical Flood Events</u>	4	0	4	-	-
83	7.3	<u>Flood Defences</u>	0	0	1	-	-
83	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
83	7.5	Flood Storage Areas	0	0	0	-	-
84	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
85	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
86	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
88	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
89	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	0	4
90	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
90	10.3	<u>Special Areas of Conservation (SAC)</u>	0	0	0	0	4
91	10.4	Special Protection Areas (SPA)	0	0	0	0	0
91	10.5	National Nature Reserves (NNR)	0	0	0	0	0
91	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	1
92	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	2
92	10.8	Biosphere Reserves	0	0	0	0	0
92	10.9	Forest Parks	0	0	0	0	0
92	10.10	Marine Conservation Zones	0	0	0	0	0
93	10.11	<u>Green Belt</u>	0	0	0	0	2
93	10.12	Proposed Ramsar sites	0	0	0	0	0

93	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
93	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
94	10.15	Nitrate Sensitive Areas	0	0	0	0	0
94	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
95	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
96	10.18	<u>SSSI Units</u>	0	0	0	0	4
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
98	11.1	World Heritage Sites	0	0	0	-	-
99	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
99	11.3	National Parks	0	0	0	-	-
99	11.4	<u>Listed Buildings</u>	0	0	4	-	-
100	11.5	<u>Conservation Areas</u>	0	1	0	-	-
100	11.6	Scheduled Ancient Monuments	0	0	0	-	-
100	11.7	<u>Registered Parks and Gardens</u>	0	0	1	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
101	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
102	12.2	Open Access Land	0	0	0	-	-
102	12.3	<u>Tree Felling Licences</u>	0	0	1	-	-
102	12.4	Environmental Stewardship Schemes	0	0	0	-	-
102	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
103	13.1	<u>Priority Habitat Inventory</u>	0	0	8	-	-
104	13.2	Habitat Networks	0	0	0	-	-
104	13.3	Open Mosaic Habitat	0	0	0	-	-
104	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
105	14.1	<u>10k Availability</u>	Identified (within 500m)				
106	14.2	<u>Artificial and made ground (10k)</u>	1	0	0	2	-
107	14.3	<u>Superficial geology (10k)</u>	2	1	0	1	-

108	14.4	Landslip (10k)	0	0	0	0	-
109	14.5	<u>Bedrock geology (10k)</u>	1	0	0	0	-
110	14.6	<u>Bedrock faults and other linear features (10k)</u>	0	0	1	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
111	15.1	<u>50k Availability</u>	Identified (within 500m)				
112	15.2	Artificial and made ground (50k)	0	0	0	0	-
112	15.3	Artificial ground permeability (50k)	0	0	-	-	-
113	15.4	<u>Superficial geology (50k)</u>	1	4	2	2	-
114	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
114	15.6	Landslip (50k)	0	0	0	0	-
114	15.7	Landslip permeability (50k)	None (within 50m)				
115	15.8	<u>Bedrock geology (50k)</u>	1	1	0	0	-
116	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
116	15.10	<u>Bedrock faults and other linear features (50k)</u>	0	0	1	1	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
117	16.1	<u>BGS Boreholes</u>	2	6	30	-	-
Page	Section	Natural ground subsidence					
120	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
121	17.2	<u>Running sands</u>	Low (within 50m)				
123	17.3	<u>Compressible deposits</u>	Moderate (within 50m)				
125	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
126	17.5	<u>Landslides</u>	Low (within 50m)				
128	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
130	18.1	Natural cavities	0	0	0	0	-
131	18.2	<u>BritPits</u>	0	0	0	4	-
132	18.3	<u>Surface ground workings</u>	0	2	36	-	-
133	18.4	Underground workings	0	0	0	0	0
133	18.5	Historical Mineral Planning Areas	0	0	0	0	-



134	18.6	Non-coal mining	0	0	0	0	0
134	18.7	Mining cavities	0	0	0	0	0
134	18.8	JPB mining areas	None (within 0m)				
134	18.9	<u>Coal mining</u>	Identified (within 0m)				
135	18.10	Brine areas	None (within 0m)				
135	18.11	Gypsum areas	None (within 0m)				
135	18.12	Tin mining	None (within 0m)				
135	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
136	19.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
137	20.1	<u>BGS Estimated Background Soil Chemistry</u>	3	2	-	-	-
137	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
138	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
139	21.1	Underground railways (London)	0	0	0	-	-
139	21.2	Underground railways (Non-London)	0	0	0	-	-
139	21.3	Railway tunnels	0	0	0	-	-
139	21.4	Historical railway and tunnel features	0	0	0	-	-
139	21.5	Royal Mail tunnels	0	0	0	-	-
140	21.6	Historical railways	0	0	0	-	-
140	21.7	Railways	0	0	0	-	-
140	21.8	Crossrail 1	0	0	0	0	-
140	21.9	Crossrail 2	0	0	0	0	-
140	21.10	HS2	0	0	0	0	-

Recent aerial photograph

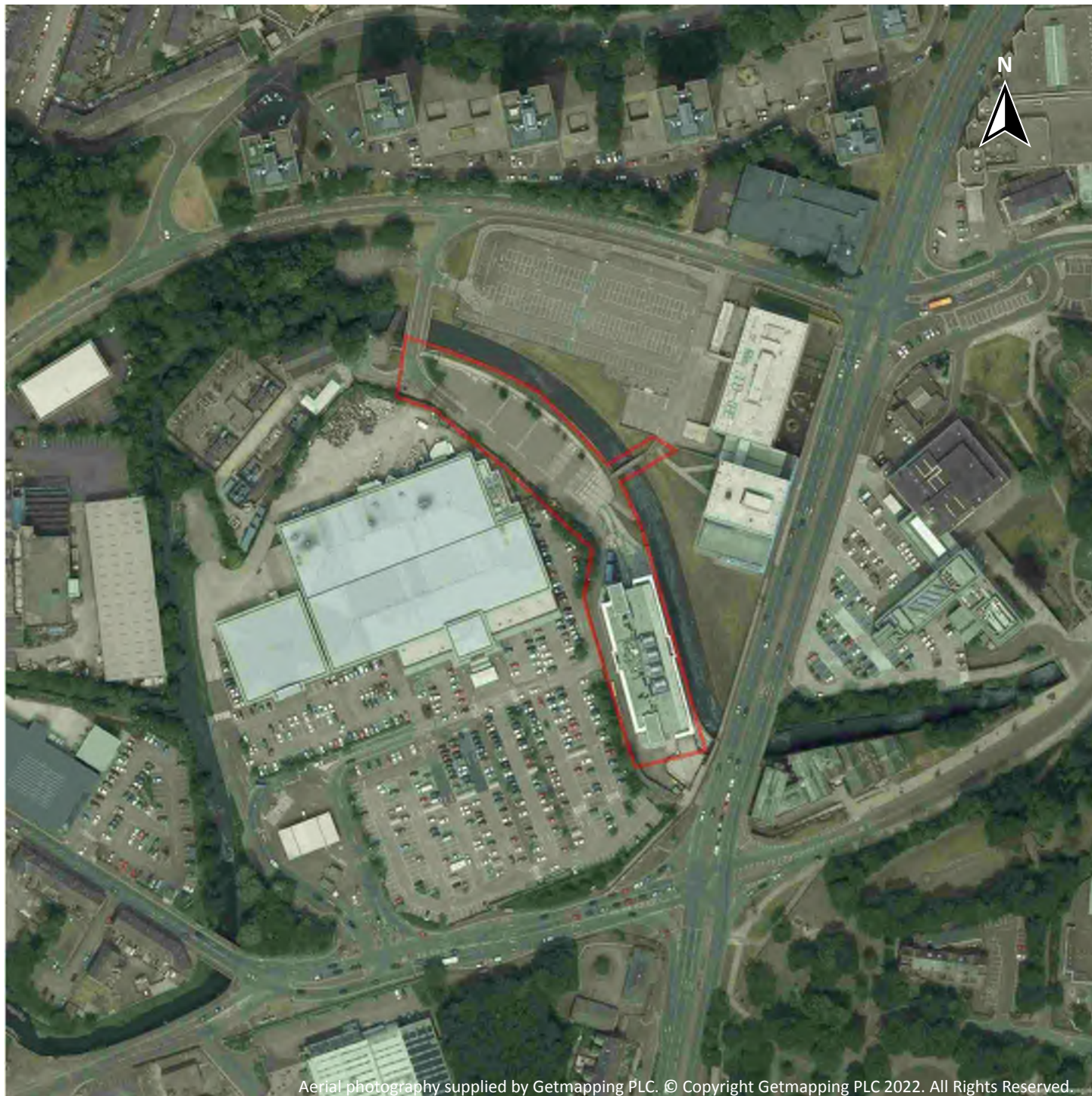


Capture Date: 23/05/2019

Site Area: 0.76ha



Recent site history - 2018 aerial photograph



Capture Date: 01/07/2018

Site Area: 0.76ha



Recent site history - 2012 aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2022. All Rights Reserved.

Capture Date: 26/03/2012

Site Area: 0.76ha



Recent site history - 2000 aerial photograph



Capture Date: 19/06/2000

Site Area: 0.76ha



Recent site history - 1999 aerial photograph



Capture Date: 10/09/1999

Site Area: 0.76ha



OS MasterMap site plan

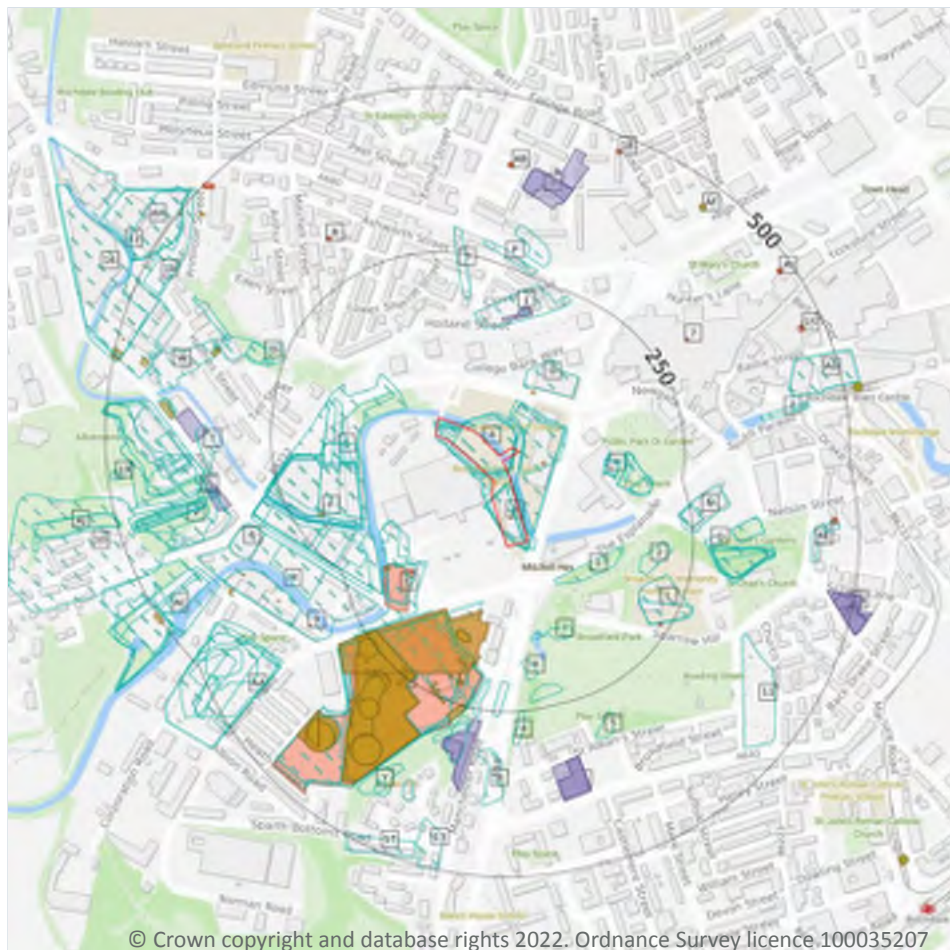


© Crown copyright and database rights 2022. Ordnance Survey licence 100035207

Site Area: 0.76ha



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

162

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 14**

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Commercial/Industrial	1968	643265

ID	Location	Land use	Dates present	Group ID
A	On site	Woollen and Cotton Mill	1851	644851
A	On site	Unspecified Mills	1890 - 1908	739019
A	On site	Unspecified Mills	1928 - 1949	761553
B	On site	Unspecified Commercial/Industrial	1968	643266
B	On site	Unspecified Mill	1908	657140
B	On site	Unspecified Mills	1949	754524
B	On site	Unspecified Mills	1928 - 1938	759508
B	0m SW	Unspecified Heap	1949	650727
A	3m E	Unspecified Mill	1949	727607
A	4m E	Unspecified Mill	1928 - 1938	736997
C	49m W	Brick Field	1851	668536
1	70m SE	Unspecified Ground Workings	1968	648018
C	74m NW	Unspecified Ground Workings	1975 - 1992	749560
E	92m SW	Gas Works	1908	721516
D	93m N	Telephone Exchange	1987 - 1992	694997
F	119m W	Unspecified Mills	1975	724503
F	119m W	Unspecified Works	1987 - 1992	737212
G	123m W	Cotton Mill	1851	644261
F	126m W	Unspecified Mill	1968	725860
F	127m W	Unspecified Mills	1949	744131
F	129m W	Unspecified Mills	1928 - 1938	773059
F	130m W	Unspecified Mill	1908	757063
H	131m E	Police Station	1949	726169
H	131m E	Police Station	1968	764089
H	132m E	Police Station	1928 - 1938	705538
I	137m S	Unspecified Heap	1928 - 1938	763348
I	137m S	Refuse Heap	1851	677422
E	138m SW	Unspecified Works	1968	678967



ID	Location	Land use	Dates present	Group ID
E	138m SW	Unspecified Commercial/Industrial	1949	711256
G	139m W	Unspecified Commercial/Industrial	1968	643264
E	140m SW	Unspecified Commercial/Industrial	1928 - 1938	713479
E	142m SW	Unspecified Tank	1968	674713
E	142m SW	Unspecified Depot	1987 - 1992	743479
E	144m SW	Unspecified Tank	1968	674714
G	147m SW	Unspecified Mills	1949	653259
E	149m SW	Gas Works	1890	735188
J	152m N	Rope Walk	1851	641260
H	152m E	Unspecified Pit	1968	705528
H	152m E	Unspecified Pit	1949	735529
H	159m E	Unspecified Heap	1928 - 1938	719481
F	166m W	Cotton Mill	1851	644260
H	170m E	Unspecified Pit	1928 - 1938	745742
2	172m E	Unspecified Ground Workings	1968	648014
K	173m S	Unspecified Heap	1890	650728
L	184m SE	Unspecified Pit	1968	728683
3	185m N	Rope Walk	1851	641258
F	186m SW	Iron Works	1949	776877
F	187m SW	Unspecified Works	1968	740403
E	189m SW	Gas Works	1851	701538
L	189m SE	Unspecified Pit	1908	728639
F	193m SW	Iron Works	1928 - 1938	711428
E	203m S	Unspecified Ground Workings	1968 - 1992	707712
E	205m S	Rope Walk	1851	641259
E	208m SW	Gasometers	1851	652228
F	213m SW	Unspecified Commercial/Industrial	1968	643263
M	214m SW	Unspecified Works	1975	678968



ID	Location	Land use	Dates present	Group ID
K	217m S	Unspecified Heap	1928 - 1938	751571
E	229m SW	Unspecified Commercial/Industrial	1975 - 1992	738979
N	230m E	Mortuary	1949	679693
N	232m E	Police Station	1968 - 1975	779161
E	241m SW	Gasometer	1890 - 1908	790690
E	243m SW	Unspecified Tank	1928 - 1938	787884
O	249m W	Unspecified Ground Workings	1987 - 1992	779971
4	250m S	Unspecified Ground Workings	1890	648017
P	252m NE	Rope Walk	1851	641257
O	264m W	Unspecified Ground Workings	1890	755994
M	264m SW	Unspecified Commercial/Industrial	1987 - 1992	714400
E	265m S	Unspecified Ground Workings	1890	700601
Q	267m E	Mortuary	1928 - 1938	767923
E	269m SW	Gasometers	1890 - 1908	706696
P	270m NE	Refuse Heap	1851	677423
E	271m SW	Unspecified Tank	1968	701522
E	271m SW	Unspecified Tank	1949	736521
E	271m SW	Unspecified Tanks	1908	666405
E	271m S	Unspecified Ground Workings	1968 - 1992	757649
Q	273m E	Unspecified Pit	1968 - 1992	748738
E	273m SW	Unspecified Tank	1928 - 1938	776653
Q	277m E	Unspecified Pit	1938	734856
Q	277m E	Unspecified Pit	1891	736641
Q	278m E	Unspecified Pit	1928	695317
Q	285m E	Unspecified Pit	1949	704246
5	286m SE	Unspecified Pit	1968	690683
6	298m SW	Unspecified Mill	1987 - 1992	754845
Q	307m E	Unspecified Commercial/Industrial	1928	643267

ID	Location	Land use	Dates present	Group ID
Q	307m E	Corn Mill	1908	672559
E	308m SW	Unspecified Tank	1949	749036
E	308m SW	Unspecified Tank	1968 - 1992	771526
8	309m S	Refuse Heap	1851	677421
E	312m SW	Unspecified Tanks	1908	666407
E	313m SW	Unspecified Tank	1928 - 1938	705447
E	317m SW	Unspecified Tank	1949	674712
M	326m W	Unspecified Commercial/Industrial	1987 - 1992	768228
T	330m W	Unspecified Quarry	1890	667798
10	332m W	Unspecified Mill	1890 - 1908	754245
O	335m W	Unspecified Tanks	1928 - 1938	698686
O	336m W	Unspecified Tanks	1949	730146
V	342m W	Unspecified Quarry	1890	667799
E	343m SW	Unspecified Tank	1968	755852
E	343m SW	Unspecified Tank	1949	773040
E	343m SW	Unspecified Tanks	1908	666406
W	347m W	Fulling Mill	1851	655333
O	347m W	Unspecified Tanks	1928 - 1938	770768
O	348m W	Unspecified Tanks	1949	778277
E	349m SW	Unspecified Tank	1928 - 1938	780786
E	352m SW	Unspecified Tank	1975 - 1992	756378
S	352m W	Woollen Mill	1851	670986
T	353m W	Unspecified Quarry	1949	712161
T	354m W	Unspecified Works	1987 - 1992	730963
11	355m SE	Grave Yard	1908	668096
V	361m W	Unspecified Heaps	1987 - 1992	733057
V	362m W	Unspecified Pit	1968 - 1975	775373
V	362m W	Mill Pond	1949	761387

ID	Location	Land use	Dates present	Group ID
T	365m W	Unspecified Quarry	1928 - 1938	782710
Y	366m SW	Unspecified Ground Workings	1949	648020
V	366m W	Mill Pond	1928 - 1938	769736
E	369m SW	Unspecified Tank	1949	729919
E	369m SW	Unspecified Tank	1968 - 1992	737435
Z	369m E	Butts	1928	702088
T	369m W	Railway Sidings	1949	707765
T	371m W	Unspecified Works	1975	706872
T	374m W	Railway Sidings	1928 - 1938	718728
E	379m SW	Unspecified Tank	1928 - 1938	768365
E	380m SW	Gasometer	1908	655110
AA	381m SW	Unspecified Pit	1968 - 1975	749474
Y	381m SW	Unspecified Pit	1890	690687
AA	388m SW	Brick Works	1928 - 1938	748954
AA	389m SW	Unspecified Heap	1890 - 1908	742696
AA	389m SW	Brick Works	1908	749241
T	393m W	Unspecified Ground Workings	1975 - 1992	696220
T	394m W	Unspecified Tanks	1928 - 1938	784551
T	394m W	Unspecified Tanks	1949	695002
AC	398m SW	Unspecified Mills	1949	766909
Y	402m SW	Unspecified Pit	1890	690685
AA	403m W	Unspecified Pit	1968 - 1975	726278
AC	409m SW	Unspecified Mills	1928 - 1938	707412
AA	415m SW	Unspecified Quarry	1928 - 1938	738831
V	416m SW	Unspecified Pit	1890	690684
AC	416m SW	Woollen Mill	1851	670984
AD	419m E	Unspecified Commercial/Industrial	1891 - 1908	754865
AD	419m E	Unspecified Mills	1928 - 1938	757037



ID	Location	Land use	Dates present	Group ID
Z	420m E	Butts	1949	728062
12	429m W	Unspecified Commercial/Industrial	1949	752349
AE	429m E	Unspecified Ground Workings	1968	648013
13	430m S	Sand Pit	1851	643845
AA	431m W	Unspecified Quarry	1908	768102
W	439m W	Chimney	1968 - 1975	706267
AA	444m SW	Railway Sidings	1928 - 1938	782338
AE	447m E	Unspecified Heap	1928 - 1938	756614
14	454m NW	Union Workhouse	1851	680167
W	457m NW	Unspecified Works	1975 - 1992	759538
16	467m W	Unspecified Commercial/Industrial	1928 - 1938	787270
17	469m S	Cuttings	1851	642618
AH	474m NW	Unspecified Works	1987 - 1992	782840
19	477m W	Shed	1851	659582
AC	477m SW	Unspecified Mills	1908	747111
AH	478m NW	Unspecified Mills	1890	653218
AH	479m NW	Unspecified Works	1975	749102
AA	480m SW	Railway Sidings	1908	759045
AC	491m SW	Unspecified Mill	1890	657014
AJ	496m W	Unspecified Heap	1975	717515
AJ	497m W	Unspecified Heap	1987 - 1992	713231

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

75

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 14**

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Tank	1890	84330
B	On site	Unspecified Tank	1890 - 1930	91432
A	38m SE	Unspecified Tank	1890	84332
D	87m N	Unspecified Tank	1890	84331
E	104m S	Gas Works	1967	88580
E	143m SW	Tanks	1959	87684
E	144m SW	Gasometers	1959 - 1967	92298
G	178m W	Unspecified Tank	1910	84329
E	184m SW	Tanks	1930	87683
E	206m S	Tanks	1957	96529
E	206m S	Tanks	1957	103391
F	207m SW	Unspecified Tank	1890	84326
E	211m SW	Tanks	1910 - 1930	100099
E	213m S	Unspecified Tank	1985 - 1993	90122
F	214m SW	Unspecified Tank	1959	84327
E	218m S	Unspecified Tank	1930	84322
E	231m SW	Tanks	1890 - 1910	92095
E	233m SW	Gasholder Station	1973 - 1974	101994
E	233m SW	Gas Holder Station	1979 - 1988	102601
E	233m SW	Gasholder Station	1997	101097
E	238m SW	Gas Holder Station	1993	95263
E	238m SW	Gasholder Station	1985 - 1990	88747
E	239m SW	Tanks	1930	87687
E	240m SW	Unspecified Tank	1910 - 1930	100490
E	246m SW	Unspecified Tank	1930	84328
E	246m SW	Gasometer	1890 - 1910	89434
E	248m S	Tar Tanks	1910	78341



ID	Location	Land use	Dates present	Group ID
E	249m SW	Tanks	1957	101178
E	255m SW	Tanks	1973	97431
E	265m SW	Unspecified Tank	1959 - 1967	101819
E	267m SW	Unspecified Tank	1957	95804
E	269m SW	Unspecified Tank	1957	98431
E	272m SW	Oil Tank	1910	88152
E	272m SW	Tanks	1910 - 1930	99934
E	273m SW	Unspecified Tank	1910 - 1930	90847
E	274m SW	Unspecified Tank	1890	93909
E	275m SW	Tanks	1930	98467
E	275m SW	Gasometers	1890 - 1910	104228
E	280m SW	Unspecified Tank	1890	84324
E	307m SW	Gas Holder	1985 - 1993	103081
E	307m SW	Unspecified Tank	1957	84321
E	307m SW	Gasholder	1973	85851
E	317m SW	Unspecified Tank	1910 - 1930	89781
9	319m W	Unspecified Tank	1890 - 1930	95266
E	327m SW	Unspecified Tank	1930	84320
E	327m SW	Oil Tank	1910	88151
M	343m SW	Unspecified Tank	1890	84325
O	346m W	Tanks	1910 - 1930	96830
O	346m W	Tanks	1890	98875
E	348m SW	Unspecified Tank	1910	84323
E	351m SW	Gasholder	1973	85852
E	351m SW	Unspecified Tank	1957	95823
E	351m SW	Gas Holder	1985 - 1990	98797
E	352m SW	Gas Holder	1993	102245
E	356m SW	Unspecified Tank	1890 - 1930	103378

ID	Location	Land use	Dates present	Group ID
M	357m SW	Unspecified Tank	1890	84206
E	372m SW	Unspecified Tank	1957	92517
E	372m SW	Unspecified Tank	1973 - 1993	92553
E	377m SW	Gasholder Station	1990	85874
E	382m SW	Gasometer	1910	78080
E	382m SW	Unspecified Tank	1930	103497
E	385m SW	Unspecified Tank	-	77847
E	385m SW	Unspecified Tank	1957 - 1984	96689
M	385m SW	Tanks	1910	87682
E	385m SW	Gas Holder	1990	88188
T	395m W	Tanks	1910 - 1930	88622
W	445m W	Tanks	1978 - 1987	95066
AF	457m NE	Unspecified Tank	1995	94496
AF	457m NE	Unspecified Tank	1988	103744
AH	467m NW	Tanks	1930	87655
W	487m W	Unspecified Tank	1987	84178
W	490m W	Tanks	1930	87654
W	490m W	Unspecified Tank	1890	84179
AH	496m NW	Tanks	1959	100591
AC	498m SW	Unspecified Tank	1910 - 1930	97541

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

36

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 14**



ID	Location	Land use	Dates present	Group ID
E	104m S	Gas Works	1967	46625
E	144m SW	Gasometers	1959 - 1967	52993
G	146m W	Corporation Electricity Station	1910	46385
E	154m SW	Corporation Gas Works	1890 - 1910	59229
E	233m SW	Gasholder Station	1973 - 1974	57081
E	233m SW	Gas Holder Station	1979 - 1988	54374
E	233m SW	Gasholder Station	1997	53887
L	233m SE	Electricity Substation	1988	55757
L	233m SE	Electricity Substation	1978	56840
L	234m SE	Electricity Substation	1994 - 1998	58397
E	238m SW	Gas Holder Station	1993	57023
E	238m SW	Gasholder Station	1985 - 1990	51739
E	246m SW	Gasometer	1890 - 1910	49944
E	275m SW	Gasometers	1890 - 1910	49188
E	288m SW	Electricity Substation	1988 - 1997	55227
7	303m NE	Electricity Substation	1972	45431
E	307m SW	Gas Holder	1985 - 1993	53607
E	307m SW	Gasholder	1973	46339
R	314m NW	Electricity Substation	1967 - 1990	59157
R	314m NW	Electricity Substation	1972	48184
E	351m SW	Gasholder	1973	46340
E	351m SW	Gas Holder	1985 - 1990	55941
E	352m SW	Gas Holder	1993	58404
E	377m SW	Gasholder Station	1990	46362
E	382m SW	Gasometer	1910	46132
E	385m SW	Gas Holder	1990	46490
AB	394m N	Electricity Substation	1972	48634
AB	394m N	Electricity Substation	1985 - 1990	53072

ID	Location	Land use	Dates present	Group ID
AE	459m E	Electricity Substation	1988	56912
15	462m NE	Electricity Substation	1972 - 1995	52697
AE	462m E	Electricity Substation	1994 - 1998	48256
18	472m N	Electricity Substation	1972 - 1990	54892
AI	475m NE	Electricity Substation	1988 - 1995	51119
AI	477m NE	Electricity Substation	1972 - 1985	47001
AH	486m NW	Electricity Substation	1989 - 1995	51509
AH	488m NW	Electricity Substation	1987	56094

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

20

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 14**

ID	Location	Land use	Dates present	Group ID
J	171m N	Garage	1972	15141
J	181m NE	Garage	1985 - 1990	18682
E	265m S	Garage	1985 - 1990	19160



ID	Location	Land use	Dates present	Group ID
E	287m S	Garage	1993	15733
E	304m S	Garage	1973	15329
S	327m W	Garage	1959 - 1978	17439
U	334m S	Garage	1957 - 1973	18374
U	334m S	Garage	1957 - 1993	19124
U	335m S	Garage	1985	15982
U	335m S	Garage	1990	18792
S	338m W	Garage	1959	16797
T	345m W	Garage	1978	14598
X	356m N	Garage	1959	16420
X	363m N	Garage	1959 - 1967	19003
X	394m NE	Garage	1967	15531
AG	458m E	Garage	1959	15305
AG	466m E	Garage	1978 - 1987	18400
AG	471m E	Garage	1988	15081
AG	471m E	Garage	1959	16449
AG	488m E	Garage	1994 - 1998	19097

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

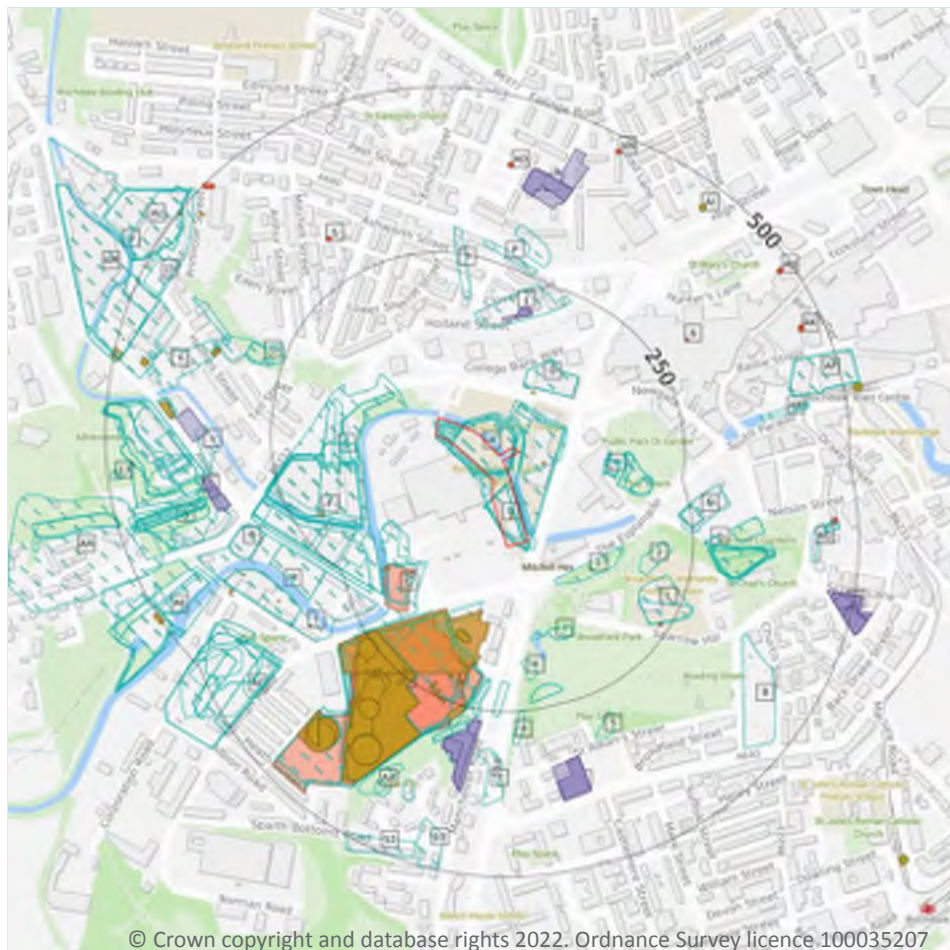
0

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

240

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 27**

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Mills	1938	761553
A	On site	Unspecified Mills	1908	739019
A	On site	Woollen and Cotton Mill	1851	644851

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Mills	1949	761553
A	On site	Unspecified Mills	1890	739019
A	On site	Unspecified Commercial/Industrial	1968	643265
A	On site	Unspecified Mills	1928	761553
B	On site	Unspecified Mills	1938	759508
B	On site	Unspecified Mill	1908	657140
B	On site	Unspecified Mills	1949	754524
B	On site	Unspecified Commercial/Industrial	1968	643266
B	On site	Unspecified Mills	1928	759508
B	0m SW	Unspecified Heap	1949	650727
A	3m E	Unspecified Mill	1949	727607
A	4m E	Unspecified Mill	1938	736997
A	4m E	Unspecified Mill	1928	736997
C	49m W	Brick Field	1851	668536
1	70m SE	Unspecified Ground Workings	1968	648018
C	74m NW	Unspecified Ground Workings	1992	749560
C	74m NW	Unspecified Ground Workings	1987	749560
C	74m NW	Unspecified Ground Workings	1975	749560
E	92m SW	Gas Works	1908	721516
D	93m N	Telephone Exchange	1992	694997
D	93m N	Telephone Exchange	1987	694997
F	119m W	Unspecified Works	1992	737212
F	119m W	Unspecified Works	1987	737212
F	119m W	Unspecified Mills	1975	724503
G	123m W	Cotton Mill	1851	644261
F	126m W	Unspecified Mill	1968	725860
F	127m W	Unspecified Mills	1949	744131
F	129m W	Unspecified Mills	1938	773059



ID	Location	Land Use	Date	Group ID
F	129m W	Unspecified Mills	1928	773059
F	130m W	Unspecified Mill	1908	757063
H	131m E	Police Station	1949	726169
H	131m E	Police Station	1968	764089
H	132m E	Police Station	1938	705538
H	132m E	Police Station	1928	705538
I	137m S	Unspecified Heap	1938	763348
I	137m S	Unspecified Heap	1928	763348
I	137m S	Refuse Heap	1851	677422
E	138m SW	Unspecified Commercial/Industrial	1949	711256
E	138m SW	Unspecified Works	1968	678967
G	139m W	Unspecified Commercial/Industrial	1968	643264
E	140m SW	Unspecified Commercial/Industrial	1938	713479
E	140m SW	Unspecified Commercial/Industrial	1928	713479
E	142m SW	Unspecified Tank	1968	674713
E	142m SW	Unspecified Depot	1992	743479
E	142m SW	Unspecified Depot	1987	743479
E	144m SW	Unspecified Tank	1968	674714
G	147m SW	Unspecified Mills	1949	653259
E	149m SW	Gas Works	1890	735188
J	152m N	Rope Walk	1851	641260
H	152m E	Unspecified Pit	1949	735529
H	152m E	Unspecified Pit	1968	705528
H	159m E	Unspecified Heap	1938	719481
H	159m E	Unspecified Heap	1928	719481
F	166m W	Cotton Mill	1851	644260
H	170m E	Unspecified Pit	1938	745742
H	170m E	Unspecified Pit	1928	745742

ID	Location	Land Use	Date	Group ID
2	172m E	Unspecified Ground Workings	1968	648014
K	173m S	Unspecified Heap	1890	650728
L	184m SE	Unspecified Pit	1968	728683
3	185m N	Rope Walk	1851	641258
F	186m SW	Iron Works	1949	776877
F	187m SW	Unspecified Works	1968	740403
E	189m SW	Gas Works	1851	701538
L	189m SE	Unspecified Pit	1908	728639
F	193m SW	Iron Works	1938	711428
F	193m SW	Iron Works	1928	711428
E	203m S	Unspecified Ground Workings	1992	707712
E	203m S	Unspecified Ground Workings	1987	707712
E	203m S	Unspecified Ground Workings	1975	707712
E	203m S	Unspecified Ground Workings	1968	707712
E	205m S	Rope Walk	1851	641259
E	208m SW	Gasometers	1851	652228
F	213m SW	Unspecified Commercial/Industrial	1968	643263
M	214m SW	Unspecified Works	1975	678968
K	217m S	Unspecified Heap	1938	751571
K	217m S	Unspecified Heap	1928	751571
E	229m SW	Unspecified Commercial/Industrial	1992	738979
E	229m SW	Unspecified Commercial/Industrial	1987	738979
E	229m SW	Unspecified Commercial/Industrial	1975	738979
N	230m E	Mortuary	1949	679693
N	232m E	Police Station	1975	779161
N	232m E	Police Station	1968	779161
E	241m SW	Gasometer	1890	790690
E	243m SW	Unspecified Tank	1938	787884



ID	Location	Land Use	Date	Group ID
E	243m SW	Unspecified Tank	1928	787884
E	246m SW	Gasometer	1908	790690
O	249m W	Unspecified Ground Workings	1992	779971
O	249m W	Unspecified Ground Workings	1987	779971
4	250m S	Unspecified Ground Workings	1890	648017
P	252m NE	Rope Walk	1851	641257
O	264m W	Unspecified Ground Workings	1890	755994
M	264m SW	Unspecified Commercial/Industrial	1992	714400
M	264m SW	Unspecified Commercial/Industrial	1987	714400
E	265m S	Unspecified Ground Workings	1890	700601
Q	267m E	Mortuary	1938	767923
Q	268m E	Mortuary	1928	767923
E	269m SW	Gasometers	1890	706696
P	270m NE	Refuse Heap	1851	677423
E	271m SW	Unspecified Tank	1949	736521
E	271m SW	Unspecified Tank	1968	701522
E	271m SW	Unspecified Tanks	1908	666405
E	271m S	Unspecified Ground Workings	1992	757649
E	271m S	Unspecified Ground Workings	1987	757649
E	271m S	Unspecified Ground Workings	1975	757649
E	271m S	Unspecified Ground Workings	1968	757649
Q	273m E	Unspecified Pit	1992	748738
Q	273m E	Unspecified Pit	1987	748738
Q	273m E	Unspecified Pit	1975	748738
Q	273m E	Unspecified Pit	1968	748738
E	273m SW	Unspecified Tank	1938	776653
E	273m SW	Unspecified Tank	1928	776653
E	276m SW	Gasometers	1908	706696

ID	Location	Land Use	Date	Group ID
Q	277m E	Unspecified Pit	1938	734856
Q	277m E	Unspecified Pit	1891	736641
Q	278m E	Unspecified Pit	1928	695317
Q	285m E	Unspecified Pit	1949	704246
5	286m SE	Unspecified Pit	1968	690683
R	298m SW	Unspecified Mill	1992	754845
R	298m SW	Unspecified Mill	1987	754845
Q	307m E	Unspecified Commercial/Industrial	1928	643267
Q	307m E	Corn Mill	1908	672559
E	308m SW	Unspecified Tank	1992	771526
E	308m SW	Unspecified Tank	1987	771526
E	308m SW	Unspecified Tank	1975	771526
E	308m SW	Unspecified Tank	1949	749036
E	308m SW	Unspecified Tank	1968	771526
7	309m S	Refuse Heap	1851	677421
E	312m SW	Unspecified Tanks	1908	666407
E	313m SW	Unspecified Tank	1938	705447
E	313m SW	Unspecified Tank	1928	705447
E	317m SW	Unspecified Tank	1949	674712
M	326m W	Unspecified Commercial/Industrial	1992	768228
M	326m W	Unspecified Commercial/Industrial	1987	768228
V	330m W	Unspecified Quarry	1890	667798
W	332m W	Unspecified Mill	1908	754245
O	335m W	Unspecified Tanks	1938	698686
O	335m W	Unspecified Tanks	1928	698686
O	336m W	Unspecified Tanks	1949	730146
W	342m W	Unspecified Quarry	1890	667799
E	343m SW	Unspecified Tank	1949	773040

ID	Location	Land Use	Date	Group ID
E	343m SW	Unspecified Tank	1968	755852
E	343m SW	Unspecified Tanks	1908	666406
Y	347m W	Fulling Mill	1851	655333
O	347m W	Unspecified Tanks	1938	770768
O	347m W	Unspecified Tanks	1928	770768
O	348m W	Unspecified Tanks	1949	778277
E	349m SW	Unspecified Tank	1938	780786
E	349m SW	Unspecified Tank	1928	780786
E	352m SW	Unspecified Tank	1992	756378
E	352m SW	Unspecified Tank	1987	756378
E	352m SW	Unspecified Tank	1975	756378
U	352m W	Woollen Mill	1851	670986
V	353m W	Unspecified Quarry	1949	712161
V	354m W	Unspecified Works	1992	730963
V	354m W	Unspecified Works	1987	730963
8	355m SE	Grave Yard	1908	668096
W	361m W	Unspecified Heaps	1992	733057
W	361m W	Unspecified Heaps	1987	733057
W	362m W	Unspecified Pit	1975	775373
W	362m W	Unspecified Pit	1968	775373
W	362m W	Mill Pond	1949	761387
V	365m W	Unspecified Quarry	1938	782710
V	365m W	Unspecified Quarry	1928	782710
AA	366m SW	Unspecified Ground Workings	1949	648020
W	366m W	Mill Pond	1938	769736
W	366m W	Mill Pond	1928	769736
E	369m SW	Unspecified Tank	1992	737435
E	369m SW	Unspecified Tank	1987	737435

ID	Location	Land Use	Date	Group ID
E	369m SW	Unspecified Tank	1975	737435
E	369m SW	Unspecified Tank	1949	729919
E	369m SW	Unspecified Tank	1968	737435
AB	369m E	Butts	1928	702088
V	369m W	Railway Sidings	1949	707765
V	371m W	Unspecified Works	1975	706872
V	374m W	Railway Sidings	1938	718728
V	374m W	Railway Sidings	1928	718728
E	379m SW	Unspecified Tank	1938	768365
E	379m SW	Unspecified Tank	1928	768365
E	380m SW	Gasometer	1908	655110
AC	381m SW	Unspecified Pit	1975	749474
AC	381m SW	Unspecified Pit	1968	749474
AA	381m SW	Unspecified Pit	1890	690687
AC	388m SW	Brick Works	1938	748954
AC	388m SW	Brick Works	1928	748954
AC	389m SW	Unspecified Heap	1890	742696
AC	389m SW	Brick Works	1908	749241
V	393m W	Unspecified Ground Workings	1992	696220
V	393m W	Unspecified Ground Workings	1987	696220
V	393m W	Unspecified Ground Workings	1975	696220
V	394m W	Unspecified Tanks	1938	784551
V	394m W	Unspecified Tanks	1928	784551
V	394m W	Unspecified Tanks	1949	695002
AC	396m SW	Unspecified Heap	1908	742696
AE	398m SW	Unspecified Mills	1949	766909
AA	402m SW	Unspecified Pit	1890	690685
AC	403m W	Unspecified Pit	1975	726278

ID	Location	Land Use	Date	Group ID
AC	403m W	Unspecified Pit	1968	726278
AE	409m SW	Unspecified Mills	1938	707412
AE	409m SW	Unspecified Mills	1928	707412
AC	415m SW	Unspecified Quarry	1938	738831
AC	415m SW	Unspecified Quarry	1928	738831
W	416m SW	Unspecified Pit	1890	690684
AE	416m SW	Woollen Mill	1851	670984
AF	419m E	Unspecified Mills	1938	757037
AF	419m E	Unspecified Mills	1928	757037
AF	419m E	Unspecified Commercial/Industrial	1908	754865
AF	419m E	Unspecified Commercial/Industrial	1891	754865
AB	420m E	Butts	1949	728062
9	429m W	Unspecified Commercial/Industrial	1949	752349
AG	429m E	Unspecified Ground Workings	1968	648013
10	430m S	Sand Pit	1851	643845
AC	431m W	Unspecified Quarry	1908	768102
Y	439m W	Chimney	1975	706267
Y	439m W	Chimney	1968	706267
AC	444m SW	Railway Sidings	1938	782338
AC	444m SW	Railway Sidings	1928	782338
AG	447m E	Unspecified Heap	1928	756614
AG	449m E	Unspecified Heap	1938	756614
AH	451m SW	Unspecified Mill	1890	754245
11	454m NW	Union Workhouse	1851	680167
Y	457m NW	Unspecified Works	1992	759538
Y	457m NW	Unspecified Works	1987	759538
Y	457m NW	Unspecified Works	1975	759538
AM	467m W	Unspecified Commercial/Industrial	1938	787270

ID	Location	Land Use	Date	Group ID
AM	467m W	Unspecified Commercial/Industrial	1928	787270
12	469m S	Cuttings	1851	642618
AL	474m NW	Unspecified Works	1992	782840
AL	474m NW	Unspecified Works	1987	782840
13	477m W	Shed	1851	659582
AE	477m SW	Unspecified Mills	1908	747111
AL	478m NW	Unspecified Mills	1890	653218
AL	479m NW	Unspecified Works	1975	749102
AC	480m SW	Railway Sidings	1908	759045
AE	491m SW	Unspecified Mill	1890	657014
AH	496m W	Unspecified Heap	1975	717515
AH	497m W	Unspecified Heap	1992	713231
AH	497m W	Unspecified Heap	1987	713231

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

118

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

Features are displayed on the Past land use - un-grouped map on **page 27**

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Tank	1890	84330
B	On site	Unspecified Tank	1890	91432
B	On site	Unspecified Tank	1930	91432
A	38m SE	Unspecified Tank	1890	84332
D	87m N	Unspecified Tank	1890	84331
E	104m S	Gas Works	1967	88580
E	143m SW	Tanks	1959	87684



ID	Location	Land Use	Date	Group ID
E	144m SW	Gasometers	1959	92298
E	144m SW	Gasometers	1967	92298
G	178m W	Unspecified Tank	1910	84329
E	184m SW	Tanks	1930	87683
E	206m S	Tanks	1957	103391
E	206m S	Tanks	1957	96529
F	207m SW	Unspecified Tank	1890	84326
E	211m SW	Tanks	1910	100099
E	211m SW	Tanks	1930	100099
E	213m S	Unspecified Tank	1993	90122
F	214m SW	Unspecified Tank	1959	84327
E	214m S	Unspecified Tank	1985	90122
E	214m S	Unspecified Tank	1990	90122
E	214m S	Unspecified Tank	1990	90122
E	214m S	Unspecified Tank	1990	90122
E	218m S	Unspecified Tank	1930	84322
E	231m SW	Tanks	1890	92095
E	231m SW	Tanks	1910	92095
E	233m SW	Gasholder Station	1974	101994
E	233m SW	Gas Holder Station	1979	102601
E	233m SW	Gas Holder Station	1988	102601
E	233m SW	Gasholder Station	1997	101097
E	238m SW	Gas Holder Station	1993	95263
E	238m SW	Gasholder Station	1973	101994
E	238m SW	Gasholder Station	1985	88747
E	238m SW	Gasholder Station	1990	88747
E	238m SW	Gasholder Station	1990	88747
E	239m SW	Tanks	1930	87687
E	240m SW	Unspecified Tank	1910	100490

ID	Location	Land Use	Date	Group ID
E	240m SW	Unspecified Tank	1930	100490
E	246m SW	Gasometer	1890	89434
E	246m SW	Gasometer	1910	89434
E	246m SW	Unspecified Tank	1930	84328
E	248m S	Tar Tanks	1910	78341
E	249m SW	Tanks	1957	101178
E	250m SW	Tanks	1957	101178
E	255m SW	Tanks	1973	97431
E	265m SW	Unspecified Tank	1959	101819
E	265m SW	Unspecified Tank	1959	101819
E	265m SW	Unspecified Tank	1967	101819
E	267m SW	Unspecified Tank	1957	95804
E	269m SW	Unspecified Tank	1957	98431
E	272m SW	Oil Tank	1910	88152
E	272m SW	Tanks	1930	99934
E	273m SW	Unspecified Tank	1910	90847
E	273m SW	Unspecified Tank	1930	90847
E	274m SW	Unspecified Tank	1890	93909
E	275m SW	Tanks	1910	99934
E	275m SW	Gasometers	1890	104228
E	275m SW	Gasometers	1910	104228
E	275m SW	Tanks	1930	98467
E	280m SW	Unspecified Tank	1890	84324
E	307m SW	Gas Holder	1985	103081
E	307m SW	Gas Holder	1990	103081
E	307m SW	Gas Holder	1990	103081
E	307m SW	Gasholder	1973	85851
E	307m SW	Unspecified Tank	1957	84321

ID	Location	Land Use	Date	Group ID
E	307m SW	Gas Holder	1993	103081
E	317m SW	Unspecified Tank	1910	89781
E	317m SW	Unspecified Tank	1930	89781
T	319m W	Unspecified Tank	1890	95266
T	319m W	Unspecified Tank	1910	95266
T	319m W	Unspecified Tank	1930	95266
E	327m SW	Oil Tank	1910	88151
E	327m SW	Unspecified Tank	1930	84320
M	343m SW	Unspecified Tank	1890	84325
O	346m W	Tanks	1910	96830
O	346m W	Tanks	1930	96830
O	346m W	Tanks	1890	98875
E	348m SW	Unspecified Tank	1910	84323
E	351m SW	Gasholder	1973	85852
E	351m SW	Unspecified Tank	1957	95823
E	351m SW	Gas Holder	1985	98797
E	351m SW	Gas Holder	1990	98797
E	351m SW	Gas Holder	1990	98797
E	351m SW	Unspecified Tank	1957	95823
E	352m SW	Gas Holder	1993	102245
E	356m SW	Unspecified Tank	1930	103378
E	356m SW	Unspecified Tank	1890	103378
E	356m SW	Unspecified Tank	1910	103378
M	357m SW	Unspecified Tank	1890	84206
E	372m SW	Unspecified Tank	1973	92553
E	372m SW	Unspecified Tank	1957	92517
E	373m SW	Unspecified Tank	1985	92553
E	373m SW	Unspecified Tank	1990	92553



ID	Location	Land Use	Date	Group ID
E	373m SW	Unspecified Tank	1990	92553
E	373m SW	Unspecified Tank	1957	92517
E	373m SW	Unspecified Tank	1993	92553
E	377m SW	Gasholder Station	1990	85874
E	382m SW	Gasometer	1910	78080
E	382m SW	Unspecified Tank	1930	103497
E	383m SW	Unspecified Tank	1957	92517
E	385m SW	Unspecified Tank	-	77847
E	385m SW	Unspecified Tank	1957	96689
M	385m SW	Tanks	1910	87682
E	385m SW	Unspecified Tank	1984	96689
E	385m SW	Gas Holder	1990	88188
V	395m W	Tanks	1910	88622
V	395m W	Tanks	1930	88622
Y	445m W	Tanks	1978	95066
Y	447m W	Tanks	1987	95066
AI	457m NE	Unspecified Tank	1995	94496
AI	457m NE	Unspecified Tank	1995	94496
AI	457m NE	Unspecified Tank	1988	103744
AL	467m NW	Tanks	1930	87655
Y	487m W	Unspecified Tank	1987	84178
Y	490m W	Tanks	1930	87654
Y	490m W	Unspecified Tank	1890	84179
AL	496m NW	Tanks	1959	100591
AL	497m NW	Tanks	1959	100591
AE	498m SW	Unspecified Tank	1910	97541
AE	498m SW	Unspecified Tank	1930	97541

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

65

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

Features are displayed on the Past land use - un-grouped map on **page 27**

ID	Location	Land Use	Date	Group ID
E	104m S	Gas Works	1967	46625
E	144m SW	Gasometers	1959	52993
E	144m SW	Gasometers	1967	52993
G	146m W	Corporation Electricity Station	1910	46385
E	154m SW	Corporation Gas Works	1890	59229
E	154m SW	Corporation Gas Works	1910	59229
E	233m SW	Gasholder Station	1974	57081
E	233m SW	Gas Holder Station	1979	54374
E	233m SW	Gas Holder Station	1988	54374
E	233m SW	Gasholder Station	1997	53887
L	233m SE	Electricity Substation	1988	55757
L	233m SE	Electricity Substation	1978	56840
L	234m SE	Electricity Substation	1994	58397
L	234m SE	Electricity Substation	1998	58397
E	238m SW	Gas Holder Station	1993	57023
E	238m SW	Gasholder Station	1973	57081
E	238m SW	Gasholder Station	1985	51739
E	238m SW	Gasholder Station	1990	51739
E	238m SW	Gasholder Station	1990	51739
E	246m SW	Gasometer	1890	49944
E	246m SW	Gasometer	1910	49944
E	275m SW	Gasometers	1890	49188
E	275m SW	Gasometers	1910	49188



ID	Location	Land Use	Date	Group ID
E	288m SW	Electricity Substation	1988	55227
E	288m SW	Electricity Substation	1997	55227
6	303m NE	Electricity Substation	1972	45431
E	307m SW	Gas Holder	1985	53607
E	307m SW	Gas Holder	1990	53607
E	307m SW	Gas Holder	1990	53607
E	307m SW	Gasholder	1973	46339
E	307m SW	Gas Holder	1993	53607
S	314m NW	Electricity Substation	1985	59157
S	314m NW	Electricity Substation	1990	59157
S	314m NW	Electricity Substation	1972	48184
S	314m NW	Electricity Substation	1967	59157
E	351m SW	Gasholder	1973	46340
E	351m SW	Gas Holder	1985	55941
E	351m SW	Gas Holder	1990	55941
E	351m SW	Gas Holder	1990	55941
E	352m SW	Gas Holder	1993	58404
E	377m SW	Gasholder Station	1990	46362
E	382m SW	Gasometer	1910	46132
E	385m SW	Gas Holder	1990	46490
AD	394m N	Electricity Substation	1972	48634
AD	394m N	Electricity Substation	1985	53072
AD	394m N	Electricity Substation	1990	53072
AG	459m E	Electricity Substation	1988	56912
AK	462m NE	Electricity Substation	1995	52697
AK	462m NE	Electricity Substation	1995	52697
AK	462m NE	Electricity Substation	1985	52697
AK	462m NE	Electricity Substation	1972	52697

ID	Location	Land Use	Date	Group ID
AG	462m E	Electricity Substation	1994	48256
AG	462m E	Electricity Substation	1998	48256
AK	463m NE	Electricity Substation	1988	52697
AN	472m N	Electricity Substation	1985	54892
AN	472m N	Electricity Substation	1990	54892
AN	473m N	Electricity Substation	1972	54892
AO	475m NE	Electricity Substation	1995	51119
AO	475m NE	Electricity Substation	1995	51119
AO	477m NE	Electricity Substation	1985	47001
AO	477m NE	Electricity Substation	1972	47001
AO	477m NE	Electricity Substation	1988	51119
AL	486m NW	Electricity Substation	1995	51509
AL	486m NW	Electricity Substation	1989	51509
AL	488m NW	Electricity Substation	1987	56094

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

30

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

Features are displayed on the Past land use - un-grouped map on **page 27**



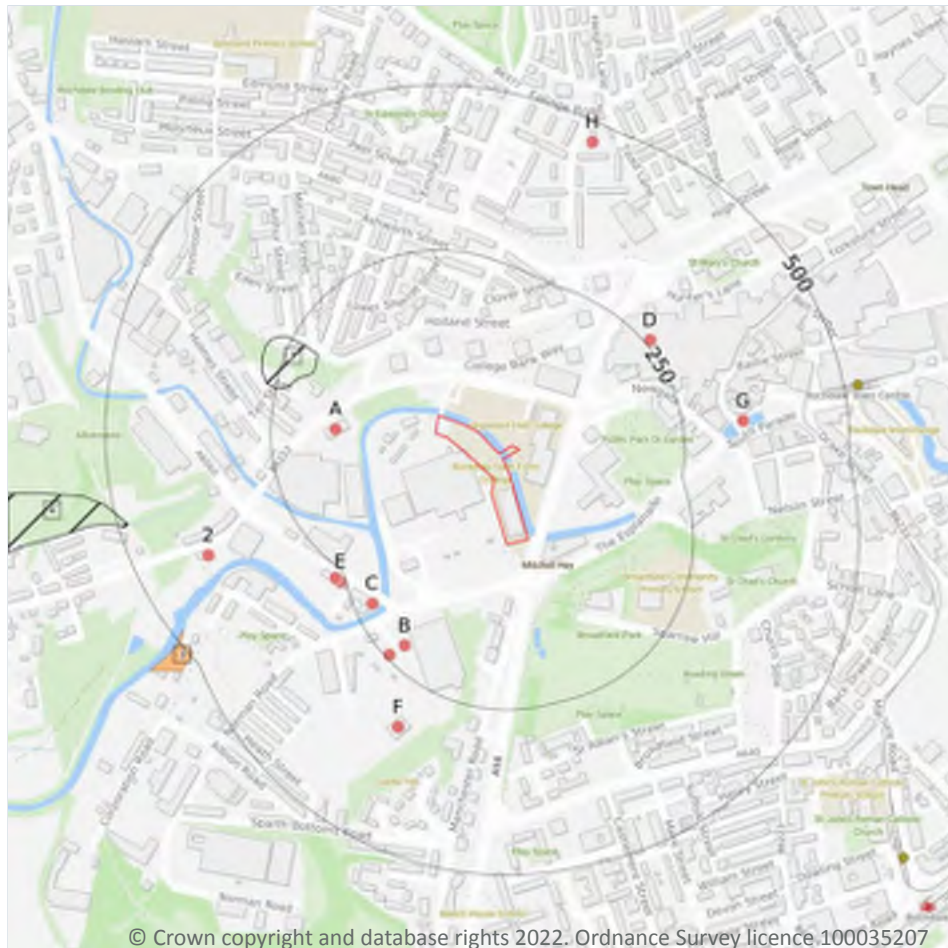
ID	Location	Land Use	Date	Group ID
J	171m N	Garage	1972	15141
J	181m NE	Garage	1990	18682
J	181m NE	Garage	1985	18682
E	265m S	Garage	1990	19160
E	265m S	Garage	1990	19160
E	265m S	Garage	1985	19160
E	287m S	Garage	1993	15733
E	304m S	Garage	1973	15329
U	327m W	Garage	1978	17439
U	327m W	Garage	1959	17439
X	334m S	Garage	1973	18374
X	334m S	Garage	1957	18374
X	334m S	Garage	1957	19124
X	335m S	Garage	1993	19124
X	335m S	Garage	1990	18792
X	335m S	Garage	1990	18792
X	335m S	Garage	1985	15982
U	338m W	Garage	1959	16797
V	345m W	Garage	1978	14598
Z	356m N	Garage	1959	16420
Z	363m N	Garage	1959	19003
Z	363m N	Garage	1967	19003
Z	394m NE	Garage	1967	15531
AJ	458m E	Garage	1959	15305
AJ	466m E	Garage	1987	18400
AJ	466m E	Garage	1978	18400
AJ	471m E	Garage	1988	15081
AJ	471m E	Garage	1959	16449

ID	Location	Land Use	Date	Group ID
AJ	488m E	Garage	1998	19097
AJ	488m E	Garage	1994	19097

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
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

2

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

Features are displayed on the Waste and landfill map on **page 46**

ID	Location	Details		
1	200m W	Site Address: Central Tip, Eden Street and Grimble Street, Rochdale, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: D072 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -
4	485m W	Site Address: Sandy Brow, Rochdale, Sandy Brow, Rochdale, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: D075 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

1

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 46**

ID	Location	Address	Further Details	Date
3	482m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995

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

3.6 Licensed waste sites

Records within 500m	0
----------------------------	----------

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

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

3.7 Waste exemptions

Records within 500m	45
----------------------------	-----------

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 46**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	152m W	Unit 1, Mitchell Hey Mill, College Road, OL12 6AE, Rochdale, OL12 6AE	WEX281758	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	152m W	Unit 1, Mitchell Hey Mill, College Road, OL12 6AE, Rochdale, OL12 6AE	WEX281758	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	152m W	Unit 1, Mitchell Hey Mill, College Road, OL12 6AE, Rochdale, OL12 6AE	WEX281758	Using waste exemption	Not on a farm	Use of waste for a specified purpose
B	219m SW	National Grid Dane Street OL11 4EZ	EPR/ZE5848VR /A001	Treating waste exemption	Non- Agricultura l Waste Only	Preparatory treatments (baling, sorting, shredding etc)
C	224m SW	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX244166	Storing waste exemption	Not on a farm	Storage of waste in secure containers

ID	Location	Site	Reference	Category	Sub-Category	Description
C	224m SW	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX244166	Treating waste exemption	Not on a farm	Sorting mixed waste
C	224m SW	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX244166	Treating waste exemption	Not on a farm	Recovery of scrap metal
C	224m SW	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX244166	Using waste exemption	Not on a farm	Use of waste in construction
B	245m SW	-	WEX244774	Using waste exemption	Not on a farm	Use of waste in construction
D	257m NE	LINEAR NETWORK - ROCHDALE	EPR/UF0907S M/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Deposit of waste from dredging of inland waters
D	257m NE	LINEAR NETWORK - ROCHDALE	EPR/UF0907S M/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
E	258m W	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX099953	Treating waste exemption	Not on a farm	Sorting mixed waste
E	258m W	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX099953	Using waste exemption	Not on a farm	Use of waste in construction
E	258m W	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX099953	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	258m W	Mellor Street Storage Depot, Mellor Street, Rochdale, OL12 6XD	WEX099953	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	264m W	-	WEX259767	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	264m W	-	WEX259767	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	264m W	-	WEX259767	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	264m W	-	WEX259767	Treating waste exemption	Not on a farm	Screening and blending of waste

ID	Location	Site	Reference	Category	Sub-Category	Description
E	264m W	-	WEX259767	Using waste exemption	Not on a farm	Incorporation of ash into soil
E	264m W	-	WEX259767	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
E	264m W	-	WEX259767	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
E	264m W	-	WEX259767	Using waste exemption	Not on a farm	Use of waste in construction
F	323m SW	DANE STREET, ROCHDALE, OL11 4EZ	WEX157469	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
F	323m SW	DANE STREET, ROCHDALE, OL11 4EZ	WEX157469	Treating waste exemption	Not on a Farm	Preparatory treatments (baling, sorting, shredding etc)
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Disposing of waste exemption	Non-Agricultural Waste Only	Deposit of waste from dredging of inland waters
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Disposing of waste exemption	Non-Agricultural Waste Only	Burning waste in the open
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste aerosol cans
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste at a water treatment works



ID	Location	Site	Reference	Category	Sub-Category	Description
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Treating waste exemption	Non- Agricultura l Waste Only	Recovery of waste at a waste water treatment works
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Treating waste exemption	Non- Agricultura l Waste Only	Preparatory treatments (baling, sorting, shredding etc)
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Treating waste exemption	Non- Agricultura l Waste Only	Screening and blending of waste
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Treating waste exemption	Non- Agricultura l Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Using waste exemption	Non- Agricultura l Waste Only	Use of waste in construction
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Using waste exemption	Non- Agricultura l Waste Only	Spreading waste on non- agricultural land to confer benefit
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Using waste exemption	Non- Agricultura l Waste Only	Use of mulch
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Using waste exemption	Non- Agricultura l Waste Only	Spreading of plant matter to confer benefit
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Using waste exemption	Non- Agricultura l Waste Only	Use of baled end-of-life tyres in construction
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Using waste exemption	Non- Agricultura l Waste Only	Use of waste derived biodiesel as fuel

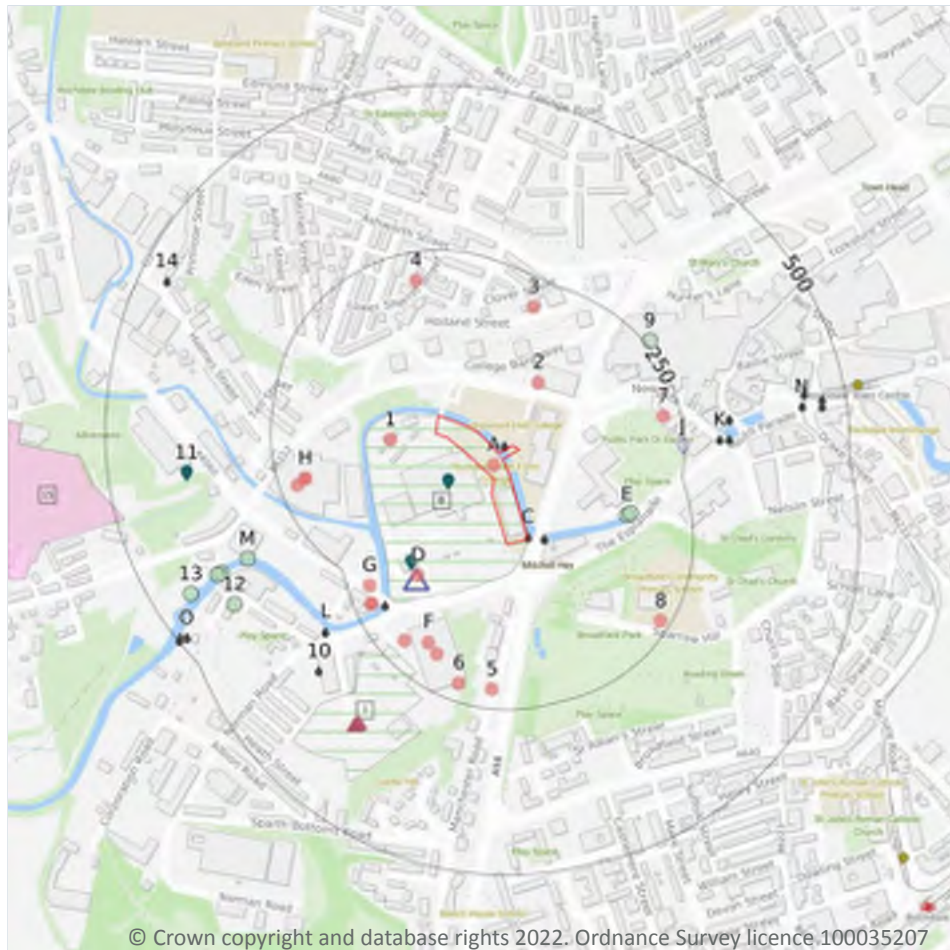


ID	Location	Site	Reference	Category	Sub-Category	Description
G	341m E	Bank 5 5 South Parade OL16 1LR	EPR/DE5949FT /A001	Using waste exemption	Non- Agricultura l Waste Only	Use of waste for a specified purpose
2	391m SW	262-266, Bury Road, Rochdale, OL11 4EE	WEX293130	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
H	469m NE	-	WEX249707	Using waste exemption	Not on a farm	Use of waste in construction
H	469m NE	-	WEX249707	Treating waste exemption	Not on a farm	Screening and blending of waste

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Sites determined as Contaminated Land
- Control of Major Accident Hazards
- ▲ Hazardous substance storage/usage
- ⬮ Part A(1) industrial activities
- ◆ Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

19

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 53**

ID	Location	Company	Address	Activity	Category
A	On site	Slipway	Greater Manchester, OL12	Moorings and Unloading Facilities	Water
1	70m W	Electricity Sub Station	Greater Manchester, OL12	Electrical Features	Infrastructure and Facilities
2	104m N	Telephone Exchange	Greater Manchester, OL12	Telecommunications Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
D	143m W	Asda Petrol	The Old Cricket Ground, Rochdale, Greater Manchester, OL12 6XT	Petrol and Fuel Stations	Road and Rail
F	190m SW	Alderburgh	Dane Street, Rochdale, Greater Manchester, OL11 4EZ	Rubber, Silicones and Plastics	Industrial Products
F	197m SW	Vandome & Hart Ltd	Unit 16 Flexspace, The Generation Centre Dane Street, Rochdale, Greater Manchester, OL12 6XB	Measurement and Inspection Equipment	Industrial Products
3	207m NE	Tiger Cars	Holland House 20-22, Holland Street, Rochdale, Greater Manchester, OL12 6TH	Airlines and Airline Services	Transport, Storage and Delivery
4	207m N	T G Silencers Ltd	Lower Sherriff Street, Rochdale, Greater Manchester, OL12 6TG	Vehicle Repair, Testing and Servicing	Repair and Servicing
H	208m W	Acegate Manufacturing Ltd	Mitchell Hey Mills, College Road, Rochdale, Greater Manchester, OL12 6AE	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
H	208m W	Better Dreams Ltd	Mitchell Hey Mills, College Road, Rochdale, Greater Manchester, OL12 6AE	Textiles, Fabrics, Silk and Machinery	Industrial Products
F	213m SW	Electricity Sub Station	Greater Manchester, OL12	Electrical Features	Infrastructure and Facilities
G	217m W	Electricity Sub Station	Greater Manchester, OL12	Electrical Features	Infrastructure and Facilities
5	220m S	Electricity Sub Station	Greater Manchester, OL11	Electrical Features	Infrastructure and Facilities
6	222m S	Tank	Greater Manchester, OL11	Tanks (Generic)	Industrial Features
H	223m W	Works	Greater Manchester, OL12	Unspecified Works Or Factories	Industrial Features
G	224m SW	Doug Ashton Hires	1, Mellor Street, Rochdale, Greater Manchester, OL12 6XD	Construction and Tool Hire	Hire Services
G	224m SW	Benfield Electric Europe Ltd	Tramway Offices, Mellor Street, Rochdale, Greater Manchester, OL12 6AA	Distribution and Haulage	Transport, Storage and Delivery
7	224m E	Tetrosyl Ltd	1, Newgate, Rochdale, Greater Manchester, OL16 1AT	Colours, Chemicals and Water Softeners and Supplies	Industrial Products
8	236m SE	Electricity Sub Station	Greater Manchester, OL16	Electrical Features	Infrastructure and Facilities



This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

1

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 53**

ID	Location	Company	Address	LPG	Status
D	147m W	ASDA	Dane Street, Mitchell Hey, Rochdale, Greater Manchester, OL12 6XT	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 53**

ID	Location	Description	Site name	Category	Year identified
15	488m W	Former landfill site. Assessment concluded that not meet the legal definition of "contaminated land" as defined by the 1990 Environmental Protection Act	Sandy Brow former landfill site. Spotland, Rochdale	Potentially Contaminated Land - Revoked	2013

This data is sourced from Local Authority records.



4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

2

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.

Features are displayed on the Current industrial land use map on **page 53**

ID	Location	Company	Address	Operational status	Tier
B	On site	British Gas	British Gas, Dane Street, Rochdale	Historical NIHHS Site	-
I	234m SW	National Grid Gas Plc	National Grid Gas Plc, Rochdale Holder Station, Dane Street, Rochdale, Greater Manchester, OL11 4ES	Historical COMAH Site	-

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

2

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.

Features are displayed on the Current industrial land use map on **page 53**

ID	Location	Details	
I	351m SW	Application reference number: 00/D37592 Application status: Approved Application date: 28/04/2000 Address: National Grid Gas PLC, Rochdale Holder Station, Dane Street, Rochdale, Greater Manchester, England, OL11 4HD	Details: Application for consent to store hazardous substances at Dane Street depot. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Location	Details	
I	356m SW	Application reference number: 92/D28632 Application status: Historical Consent Application date: 15/09/1992 Address: British Gas North Western, Dane Street, Rochdale, OL12 6XB	Details: Application for Hazardous Substances Consent (Deemed Consent). Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

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	3
----------------------------	----------

Records of Part A(1) 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 53**

ID	Location	Details	
J	247m E	Operator: PW GREENHALGH & CO LIMITED Installation Name: NEWHEY BLEACH WORKS - EPR/BP0628IW Process: COATING, PRINTING AND TEXTILES; PRE- TREATING BY WASHING ETC >10T/DAY Permit Number: BP0628IW Original Permit Number: BP0628IW	EPR Reference: - Issue Date: 28/01/2004 Effective Date: 28/01/2004 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
J	247m E	Operator: PW GREENHALGH & CO LIMITED Installation Name: NEWHEY BLEACH WORKS - EPR/BP0628IW Process: PRE-TREATING OR DYEING FIBRES OR TEXTILES >10 TPD Permit Number: BP0628IW Original Permit Number: BP0628IW	EPR Reference: - Issue Date: 28/01/2004 Effective Date: 28/01/2004 Last date noted as effective: 01/01/2022 Status: SUPERCEDED

ID	Location	Details	
J	247m E	Operator: PW GREENHALGH & CO LIMITED Installation Name: P W GREENHALGH AND CO LTD Process: COATING, PRINTING AND TEXTILES; PRE-TREATING BY WASHING ETC >10T/DAY Permit Number: TP3637XM Original Permit Number: BP0628IW	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2022 Status: REFUSED

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

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

Records within 500m	3
----------------------------	----------

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 53**

ID	Location	Address	Details	
B	50m SW	Johnsons Dry Cleaners UK Ltd, Within ASDA, Dane Street, Rochdale, Lancashire, OL11 4EZ	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
D	147m W	Asda Petrol Site, Dane Street, Rochdale, Lancashire, OL11 4EZ	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
11	381m W	Hth Autos-Motorama, Holmes St, OL12 6AG	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

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

29

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

Features are displayed on the Current industrial land use map on **page 53**

ID	Location	Address	Details	
C	On site	MANCHESTER RD CSO (351TT), ROCHDALE, GREATER MANCHESTER, OL16 1AQ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0082 Permit Version: 4 Receiving Water: RIVER ROCH VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 26/10/2020 Effective Date: 26/10/2020 Revocation Date: -
A	5m NW	TOAD LANE - HIGH STREET CSO, OFF TOAD LANE & HIGH STREET JUNC, ROCHDALE, GREATER MANCHESTER, OL12 0NU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016950161 Permit Version: 1 Receiving Water: RIVER ROCH	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 09/06/1976 Effective Date: 09/06/1976 Revocation Date: 10/07/2005
A	5m NW	TOAD LANE - HIGH STREET CSO, OFF TOAD LANE & HIGH STREET JUNC, ROCHDALE, GREATER MANCHESTER, OL12 0NU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016950161 Permit Version: 2 Receiving Water: RIVER ROCH	Status: MODIFIED - (WRA 91 SCHD 10 - AS AMENDED BY ENV ACT 1995) Issue date: 11/07/2005 Effective Date: 11/07/2005 Revocation Date: 27/10/2020
C	23m E	MANCHESTER RD CSO (351TT), ROCHDALE, GREATER MANCHESTER, OL16 1AQ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0082 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
C	23m E	MANCHESTER RD CSO (351TT), ROCHDALE, GREATER MANCHESTER, OL16 1AQ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0082 Permit Version: 2 Receiving Water: RIVER ROCH	Status: REVOKED NEW CONSENT ISSUED (WATER ACT 1989 SECTION 113) Issue date: - Effective Date: 01/01/1995 Revocation Date: 10/11/2004
C	23m E	MANCHESTER RD CSO (351TT), ROCHDALE, GREATER MANCHESTER, OL16 1AQ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0082 Permit Version: 3 Receiving Water: RIVER ROCH	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 11/11/2004 Effective Date: 11/11/2004 Revocation Date: 25/10/2020



ID	Location	Address	Details	
G	206m SW	CHARLIE BROWNS AUTOCENTRE SWO, ENTWISTLE ROAD, MOLESWORTH STREET, ROCHDALE, GREATER MANCHESTER	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016991347 Permit Version: 1 Receiving Water: RIVER ROCH	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/11/1994 Revocation Date: 01/11/1994
K	303m E	TOAD LANE - HIGH STREET CSO, OFF TOAD LANE & HIGH STREET JUNC, ROCHDALE, GREATER MANCHESTER, OL12 0NU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016950161 Permit Version: 3 Receiving Water: RIVER ROCH	Status: VARIED UNDER EPR 2010 Issue date: 28/10/2020 Effective Date: 28/10/2020 Revocation Date: -
L	304m SW	ROCH SYPHON, FENWICK STREET, ROCHDALE, GREATER MANCHESTER	Effluent Type: TRADE DISCHARGES - BOILER BLOWDOWN EFFLUENT Permit Number: 016981384 Permit Version: 1 Receiving Water: RIVER ROCH	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 13/07/1990 Revocation Date: 14/02/1993
L	304m SW	ROCH SYPHON, FENWICK STREET, ROCHDALE, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: 016981384 Permit Version: 2 Receiving Water: RIVER ROCH	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 15/02/1993 Revocation Date: -
K	317m E	YORKSHIRE STREET CSO 35022, YORKSHIRE STREET, ROCHDALE, GREATER MANCHESTER, OL16 1BH	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0058 Permit Version: 3 Receiving Water: RIVER ROCH	Status: MODIFIED - (WRA 91 SCHD 10 - AS AMENDED BY ENV ACT 1995) Issue date: 11/07/2005 Effective Date: 31/03/2006 Revocation Date: 01/07/2018
K	317m E	YORKSHIRE STREET CSO 35022, YORKSHIRE STREET, ROCHDALE, GREATER MANCHESTER, OL16 1BH	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0058 Permit Version: 4 Receiving Water: RIVER ROCH	Status: VARIED UNDER EPR 2010 Issue date: 02/07/2018 Effective Date: 02/07/2018 Revocation Date: -
K	320m E	YORKSHIRE STREET CSO 35022, YORKSHIRE STREET, ROCHDALE, GREATER MANCHESTER, OL16 1BH	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0058 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
K	320m E	YORKSHIRE STREET CSO 35022, YORKSHIRE STREET, ROCHDALE, GREATER MANCHESTER, OL16 1BH	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0058 Permit Version: 2 Receiving Water: RIVER ROCH	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 30/03/2006



ID	Location	Address	Details	
10	343m SW	OXFORD MILL, BENTLEY STREET, ROCHDALE, GREATER MANCHESTER	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 0167/630 Permit Version: 1 Receiving Water: SHAWCLOUGH BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 23/09/1993 Revocation Date: 23/09/1993
N	431m E	DRAKE STREET CSO (35038), DRAKE STREET (THE WELLINGTON), ROCHDALE, GREATER MANCHESTER, OL16 1RE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0078 Permit Version: 3 Receiving Water: RIVER ROCH	Status: MODIFIED - (WRA 91 SCHD 10 - AS AMENDED BY ENV ACT 1995) Issue date: 11/07/2005 Effective Date: 30/06/2006 Revocation Date: 30/09/2020
N	438m E	DRAKE STREET CSO (35038), DRAKE STREET (THE WELLINGTON), ROCHDALE, GREATER MANCHESTER, OL16 1RE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0078 Permit Version: 4 Receiving Water: CULVERTED RIVER ROCH VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 01/10/2020 Effective Date: 01/10/2020 Revocation Date: -
14	458m NW	PRIMROSE STREET, ROCHDALE, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0160 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 13/05/1993 Revocation Date: 01/01/1995
N	461m E	DRAKE STREET CSO (35038), DRAKE STREET (THE WELLINGTON), ROCHDALE, GREATER MANCHESTER, OL16 1RE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0078 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
N	461m E	DRAKE STREET CSO (35038), DRAKE STREET (THE WELLINGTON), ROCHDALE, GREATER MANCHESTER, OL16 1RE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0078 Permit Version: 2 Receiving Water: RIVER ROCH	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 29/06/2006
N	463m E	PENN ST W44, ROCHDALE, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0079 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994



ID	Location	Address	Details	
N	463m E	PENN ST W44, ROCHDALE, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0079 Permit Version: 2 Receiving Water: -	Status: SURRENDERED UNDER EPR 2010 Issue date: - Effective Date: 01/01/1995 Revocation Date: 29/04/2019
O	487m SW	OAKENROD COMBINED SEWER OVERFLOW, DOWNSTREAM OF CORPORATION ROAD, OAKENROD, ROCHDALE, GREATER MANCHESTER, OL11 4EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0080 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 15/02/1993 Revocation Date: 31/12/1994
O	487m SW	OAKENROD COMBINED SEWER OVERFLOW, DOWNSTREAM OF CORPORATION ROAD, OAKENROD, ROCHDALE, GREATER MANCHESTER, OL11 4EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0080 Permit Version: 2 Receiving Water: -	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 01/01/1995
O	495m SW	OAKENROD COMBINED SEWER OVERFLOW, DOWNSTREAM OF CORPORATION ROAD, OAKENROD, ROCHDALE, GREATER MANCHESTER, OL11 4EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982276 Permit Version: 1 Receiving Water: RIVER ROCH	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/11/1991 Revocation Date: 14/02/1993
O	495m SW	OAKENROD COMBINED SEWER OVERFLOW, DOWNSTREAM OF CORPORATION ROAD, OAKENROD, ROCHDALE, GREATER MANCHESTER, OL11 4EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982276 Permit Version: 2 Receiving Water: RIVER ROCH	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 15/02/1993 Revocation Date: 25/03/2010
O	495m SW	OAKENROD COMBINED SEWER OVERFLOW, DOWNSTREAM OF CORPORATION ROAD, OAKENROD, ROCHDALE, GREATER MANCHESTER, OL11 4EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982276 Permit Version: 3 Receiving Water: RIVER ROCH	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 26/03/2010 Effective Date: 26/03/2010 Revocation Date: 29/04/2015
O	495m SW	OAKENROD COMBINED SEWER OVERFLOW, DOWNSTREAM OF CORPORATION ROAD, OAKENROD, ROCHDALE, GREATER MANCHESTER, OL11 4EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982276 Permit Version: 4 Receiving Water: RIVER ROCH	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 30/04/2015 Effective Date: 30/04/2015 Revocation Date: 15/01/2020



ID	Location	Address	Details	
O	498m SW	OAKENROD COMBINED SEWER OVERFLOW, DOWNSTREAM OF CORPORATION ROAD, OAKENROD, ROCHDALE, GREATER MANCHESTER, OL11 4EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982276 Permit Version: 5 Receiving Water: RIVER ROCH	Status: VARIED UNDER EPR 2010 Issue date: 16/01/2020 Effective Date: 16/01/2020 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0
----------------------------	----------

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

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

4.15 Pollutant release to public sewer

Records within 500m	0
----------------------------	----------

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m	0
----------------------------	----------

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

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

4.17 List 2 Dangerous Substances

Records within 500m	0
----------------------------	----------

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

8

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 53**

ID	Location	Details	
E	154m E	Incident Date: 18/01/2003 Incident Identification: 131849 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
E	160m E	Incident Date: 21/08/2003 Incident Identification: 184143 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	256m NE	Incident Date: 22/11/2001 Incident Identification: 44441 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
M	342m SW	Incident Date: 26/02/2003 Incident Identification: 139529 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
M	387m SW	Incident Date: 14/05/2003 Incident Identification: 158262 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
M	392m SW	Incident Date: 17/09/2002 Incident Identification: 110397 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
12	399m SW	Incident Date: 10/05/2002 Incident Identification: 77835 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
13	443m SW	Incident Date: 26/03/2002 Incident Identification: 66759 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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



4.19 Pollution inventory substances

Records within 500m**0**

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

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

4.20 Pollution inventory waste transfers

Records within 500m**0**

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

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

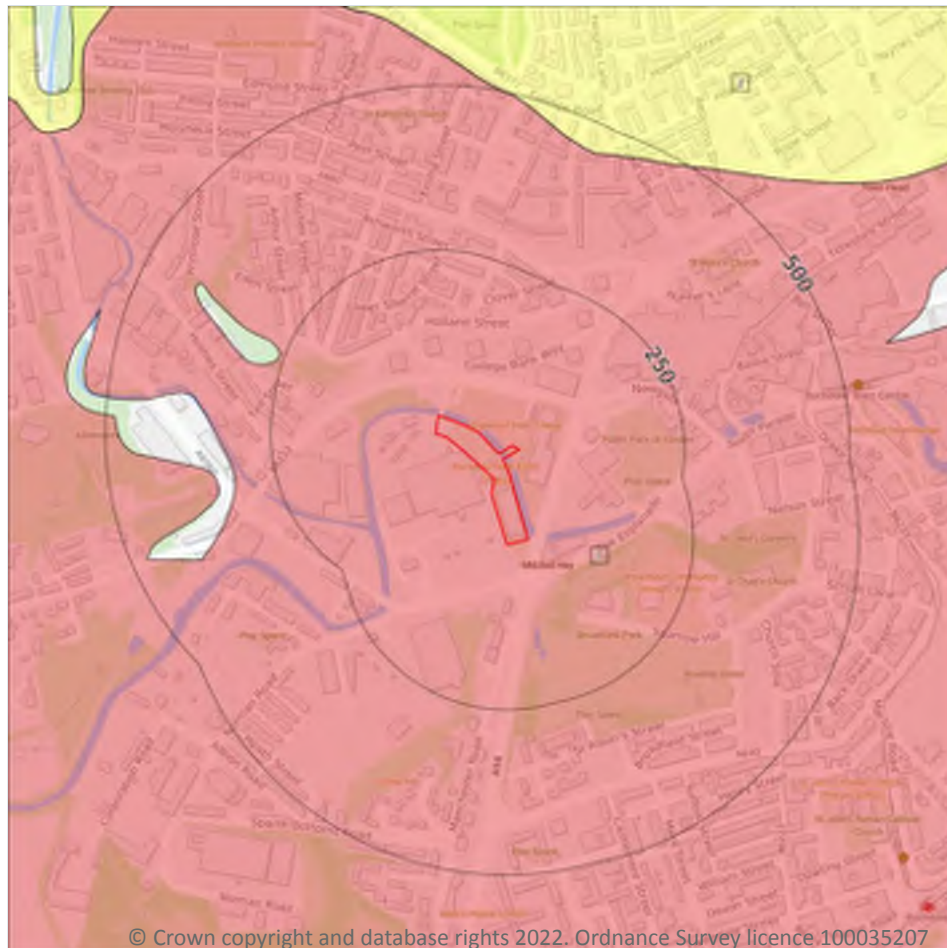
4.21 Pollution inventory radioactive waste

Records within 500m**0**

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

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

5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 66**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	456m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

1

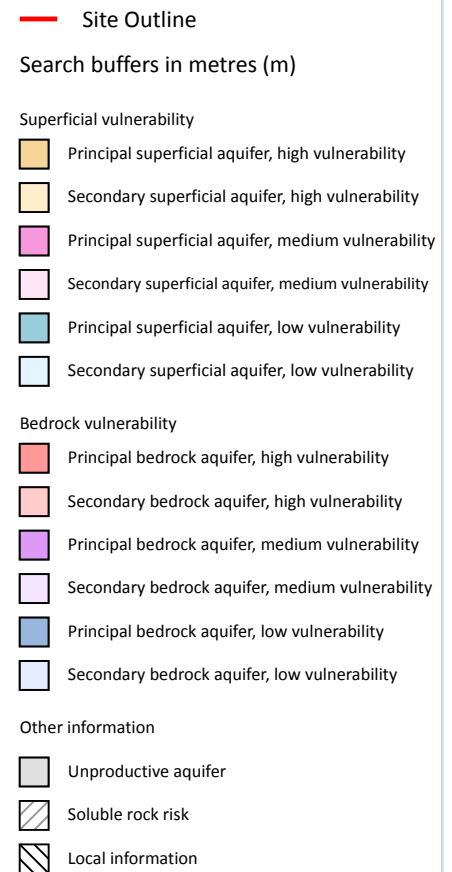
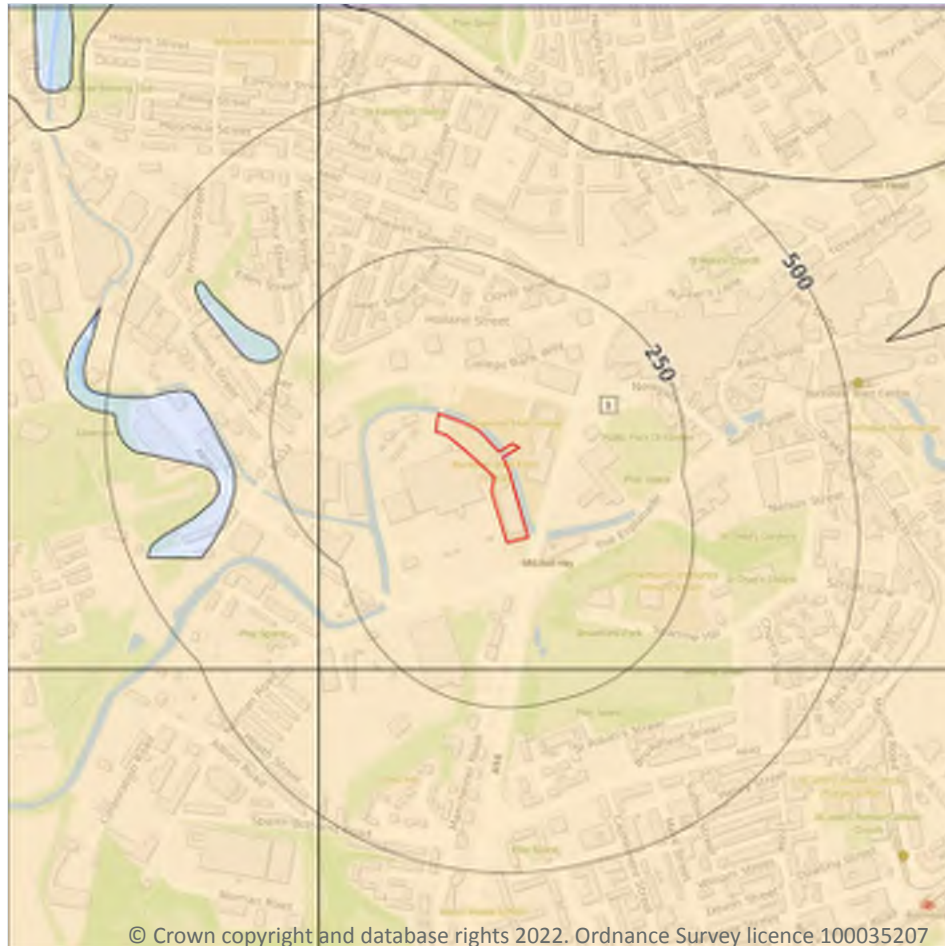
Aquifer status of groundwater held within bedrock geology.

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

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

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

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

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

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

Features are displayed on the Groundwater vulnerability map on **page 69**

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

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

5.4 Groundwater vulnerability- soluble rock risk

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

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.

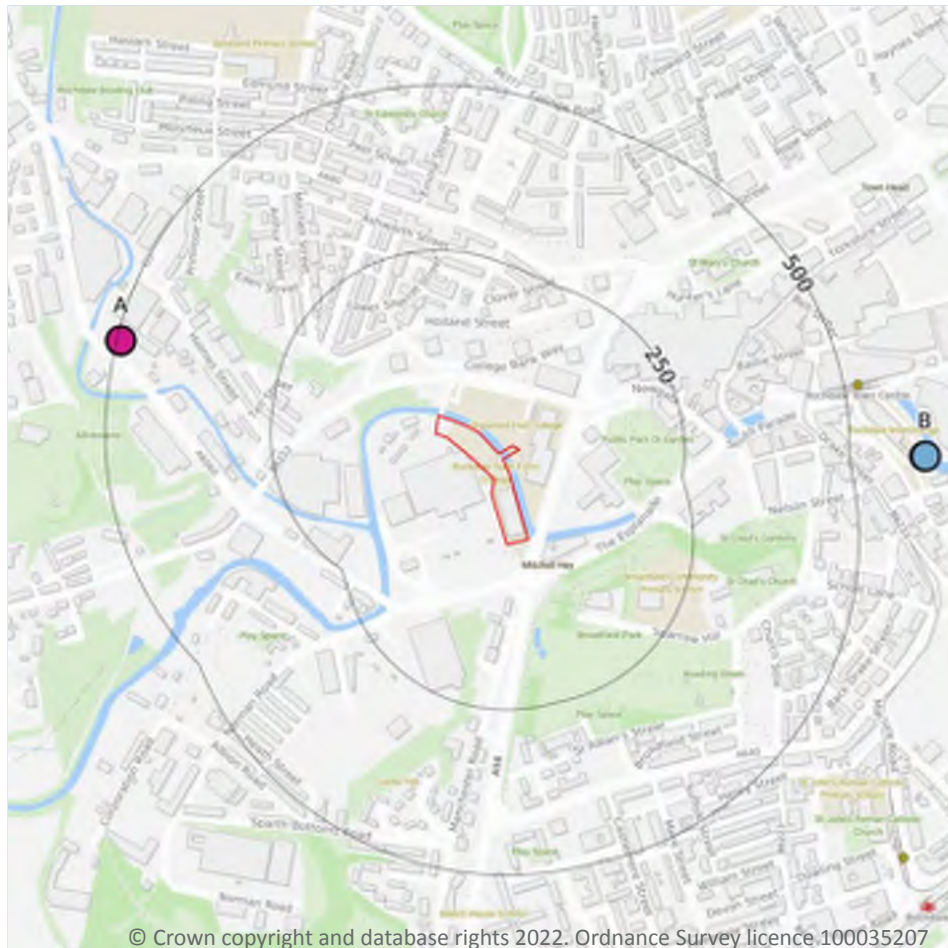
5.5 Groundwater vulnerability- local information

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

3

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 71**

ID	Location	Details	
A	494m W	Status: Historical Licence No: 2569002050 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, SPOTLAND, ROCHDALE" Data Type: Point Name: ALEXANDER DREW & SONS LTD Easting: 388700 Northing: 413500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 02/05/2000 Version End Date: -
A	494m W	Status: Historical Licence No: 2569002050 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, SPOTLAND, ROCHDALE Data Type: Point Name: ALEXANDER DREW LTD. Easting: 388700 Northing: 413500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2003 Version End Date: -
A	494m W	Status: Historical Licence No: 2569002050 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES SPOTLAND ROCHDALE Data Type: Point Name: ALEXANDER DREW LTD Easting: 388700 Northing: 413500	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2100 Original Application No: - Original Start Date: 10/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2003 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

17

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 71**



ID	Location	Details	
B	612m E	Status: Active Licence No: NW/069/0002/003 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Surface, Non-Tidal - North West Region Point: RIVER ROCH AT ROCHDALE WEIR Data Type: Point Name: Transport for Greater Manchester Easting: 389916 Northing: 413325	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/007633 Original Start Date: 15/06/2010 Expiry Date: 31/03/2026 Issue No: 2 Version Start Date: 23/06/2011 Version End Date: -
B	613m E	Status: Active Licence No: NW/069/0002/001 Details: Hydroelectric Power Generation Direct Source: Surface, Non-Tidal - North West Region Point: RIVER ROCH AT ROCHDALE WEIR Data Type: Point Name: Transport for Greater Manchester Easting: 389917 Northing: 413325	Annual Volume (m ³): 36,100,000 Max Daily Volume (m ³): 164,160 Original Application No: NPS/WR/007499 Original Start Date: 15/06/2010 Expiry Date: 31/03/2026 Issue No: 2 Version Start Date: 01/04/2015 Version End Date: -
-	1332m SE	Status: Historical Licence No: 2569002076 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: ROCHDALE CANAL AT ROCHDALE, LANCS Data Type: Point Name: J & J MAKIN CONVERTORS LTD Easting: 390300 Northing: 412300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -
-	1450m SE	Status: Historical Licence No: 2569002107 Details: Boiler Feed Direct Source: "Surface, Non-Tidal - North West Region" Point: "ROCHDALE CANAL AT QUEENSWAY,ROCHDALE" Data Type: Point Name: SEALOCRETE PLA LTD Easting: 390070 Northing: 411960	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 20/12/1993 Version End Date: -

ID	Location	Details	
-	1450m SE	Status: Historical Licence No: 2569002107 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "ROCHDALE CANAL AT QUEENSWAY,ROCHDALE" Data Type: Point Name: SEALOCRETE PLA LTD Easting: 390070 Northing: 411960	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 20/12/1993 Version End Date: -
-	1450m SE	Status: Historical Licence No: 2569002107 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: ROCHDALE CANAL AT QUEENSWAY,ROCHDALE Data Type: Point Name: SEALOCRETE PLA LTD Easting: 390070 Northing: 411960	Annual Volume (m ³): 10455.8 Max Daily Volume (m ³): 45.46 Original Application No: - Original Start Date: 02/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1450m SE	Status: Historical Licence No: 2569002107 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: ROCHDALE CANAL AT QUEENSWAY,ROCHDALE Data Type: Point Name: SEALOCRETE PLA LTD Easting: 390070 Northing: 411960	Annual Volume (m ³): 10455.8 Max Daily Volume (m ³): 45.46 Original Application No: - Original Start Date: 02/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1483m NW	Status: Historical Licence No: 2569002018 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: LODGE FED BY R SPODDEN AT ROCHDALE Data Type: Point Name: FLEXITALLIC LTD Easting: 388200 Northing: 414500	Annual Volume (m ³): 1500211.393 Max Daily Volume (m ³): 4546.095 Original Application No: - Original Start Date: 14/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 11/04/1997 Version End Date: -

ID	Location	Details	
-	1483m NW	Status: Historical Licence No: 2569002018 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: LODGE FED BY R SPODDEN AT ROCHDALE Data Type: Point Name: FLEXITALLIC LTD Easting: 388200 Northing: 414500	Annual Volume (m ³): 1500211.393 Max Daily Volume (m ³): 4546.095 Original Application No: - Original Start Date: 14/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 11/04/1997 Version End Date: -
-	1483m NW	Status: Historical Licence No: 2569002018 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: LODGE FED BY R SPODDEN AT ROCHDALE Data Type: Point Name: FLEXITALLIC LTD Easting: 388200 Northing: 414500	Annual Volume (m ³): 1500211.393 Max Daily Volume (m ³): 4546.095 Original Application No: - Original Start Date: 14/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 11/04/1997 Version End Date: -
-	1505m N	Status: Historical Licence No: 2569002268 Details: Non-Evaporative Cooling Direct Source: "Surface, Non-Tidal - North West Region" Point: "FOXHOLES BROOK AT FIELDHOUSE INDUSTRIAL ESTATE, ROCHDALE" Data Type: Point Name: RIVERSIDE TRADING LTD Easting: 389700 Northing: 414800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 10/11/1998 Version End Date: -
-	1505m N	Status: Historical Licence No: 2569002268 Details: Non-Evaporative Cooling Direct Source: Surface, Non-Tidal - North West Region Point: FOXHOLES BROOK AT FIELDHOUSE INDUSTRIAL ESTATE, ROCHDALE Data Type: Point Name: RIVERSIDE TRADING LTD Easting: 389700 Northing: 414800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 10/11/1998 Version End Date: -

ID	Location	Details	
-	1567m E	Status: Historical Licence No: 2569002249 Details: Process water Direct Source: "Surface, Non-Tidal - North West Region" Point: "RIVER ROCH AT MELLOROID WORKS, BELFIELD ROAD" Data Type: Point Name: BRITISH MILLERAIN 1922 CO LTD Easting: 390800 Northing: 413800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/11/1991 Expiry Date: - Issue No: 100 Version Start Date: 04/11/1991 Version End Date: -
-	1567m E	Status: Historical Licence No: 2569002249 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: RIVER ROCH AT MELLOROID WORKS, BELFIELD ROAD Data Type: Point Name: BRITISH MILLERAIN 1922 CO LTD Easting: 390800 Northing: 413800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/11/1991 Expiry Date: - Issue No: 100 Version Start Date: 04/11/1991 Version End Date: -
-	1567m E	Status: Historical Licence No: 2569002249 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: RIVER ROCH AT MELLOROID WORKS BELFIELD ROAD Data Type: Point Name: BRITISH MILLERAIN 1922 CO LTD Easting: 390800 Northing: 413800	Annual Volume (m ³): 213662 Max Daily Volume (m ³): 1136.49 Original Application No: - Original Start Date: 04/11/1991 Expiry Date: - Issue No: 100 Version Start Date: 04/11/1991 Version End Date: -
-	1655m SE	Status: Historical Licence No: 2569002178 Details: Boiler Feed Direct Source: "Surface, Non-Tidal - North West Region" Point: "CATCHPIT FED BY SURFACE DRAINAGE AT PREMISES, ROCHDALE" Data Type: Point Name: DUNPHY COMBUSTION LTD. Easting: 390200 Northing: 411800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/02/1991 Version End Date: -

ID	Location	Details	
-	1655m SE	Status: Active Licence No: 2569002178 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: CATCHPIT FED BY SURFACE DRAINAGE AT PREMISES, ROCHDALE Data Type: Point Name: DUNPHY COMBUSTION LTD Easting: 390200 Northing: 411800	Annual Volume (m ³): 2,318.46 Max Daily Volume (m ³): 34.09 Original Application No: CW 1093 Original Start Date: 18/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/02/1991 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
----------------------------	----------

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

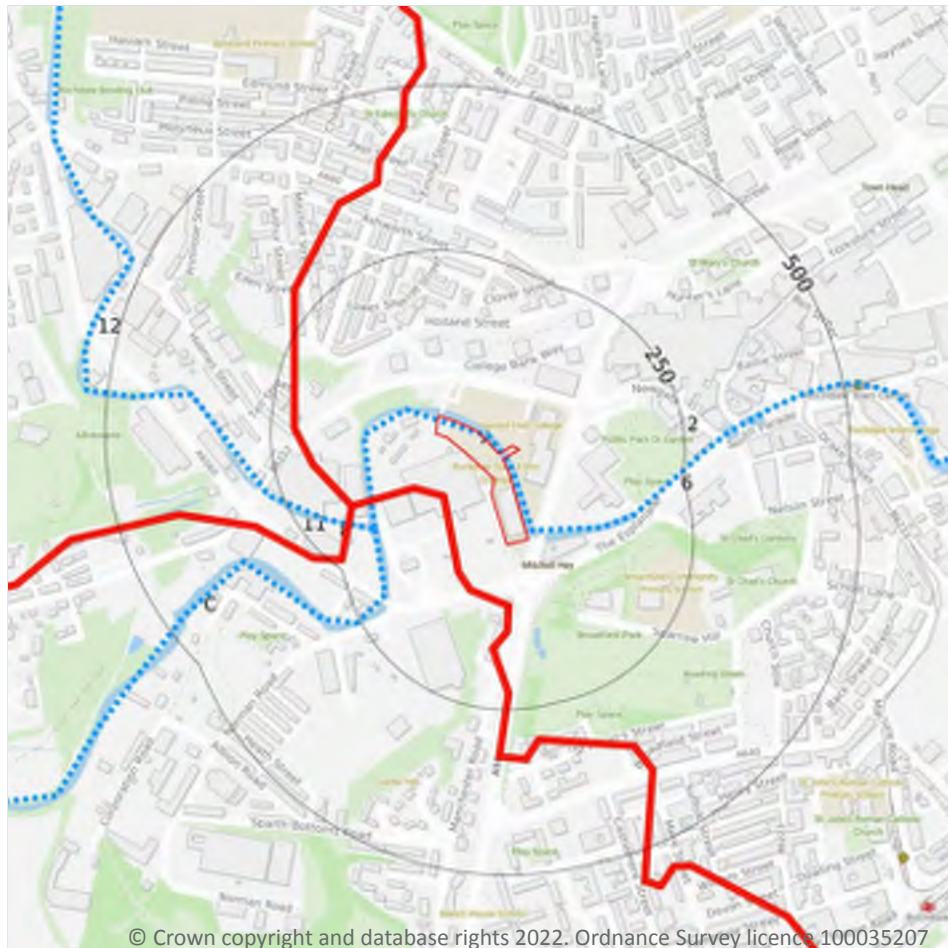
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
----------------------------	----------

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

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

6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

6

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

Features are displayed on the Hydrology map on **page 78**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Roch

ID	Location	Type of water feature	Ground level	Permanence	Name
6	165m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	River Roch
8	171m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Spodden
C	171m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Roch
11	237m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	237m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Spodden

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	6
----------------------------	----------

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

Features are displayed on the Hydrology map on **page 78**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

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

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

Features are displayed on the Hydrology map on **page 78**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River	Roch (Source to Spodden)	GB112069064720	Roch Irk Medlock	Irwell



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

6.4 WFD Surface water bodies

Records identified	1
---------------------------	----------

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 78**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
1	On site	River	Roch (Source to Spodden)	<u>GB112069064720</u>	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

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

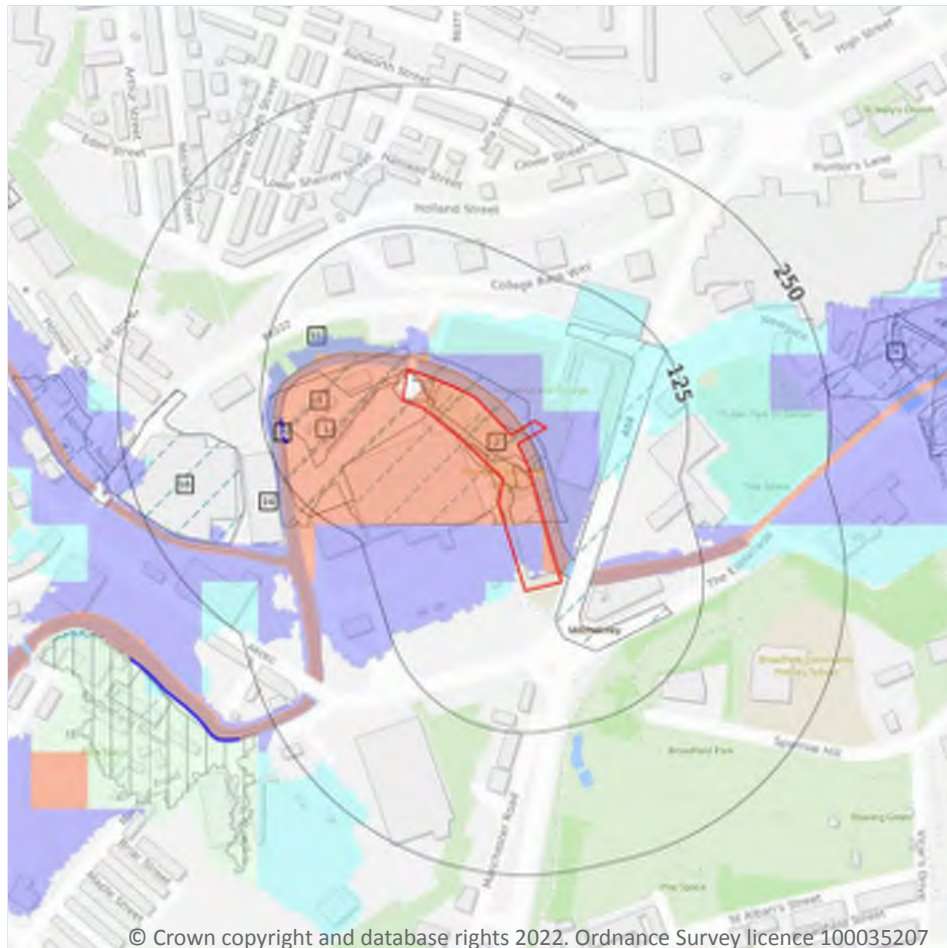
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 78**

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

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

7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- River and coastal flooding:
- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

11

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

Features are displayed on the River and coastal flooding map on **page 81**

Distance	Flood risk category
On site	High
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	8
----------------------------	----------

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.

Features are displayed on the River and coastal flooding map on **page 81**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
1	On site	Asda, Rochdale Town Centre	2019-03-16 2019-03-16	Unknown	Unknown	Fluvial
2	On site	St.marys Gate	2019-03-16 2019-03-16	Drainage	Local drainage/surface water	Fluvial
3	On site	Roch	2019-07-28 2019-07-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
A	On site	Rochdale Asda/college	2015-12-26 2015-12-26	Unknown	Unknown	No data
11	83m W	Ea01327_21 January 2008_River Roch_Rochdale	2008-01-21 2008-01-22	Main river	Unknown	Fluvial
14	146m SW	Roch	1991-12-21 1991-12-22	Unknown	Channel capacity exceeded (no raised defences)	No data
16	151m W	College Road	2019-03-16 2019-03-16	Drainage	Local drainage/surface water	Fluvial
H	246m E	Rochdale Town Centre	2015-12-26 2015-12-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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



7.3 Flood Defences

Records within 250m

1

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.

Features are displayed on the River and coastal flooding map on **page 81**

ID	Location	Update
13	108m W	27/05/2022

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

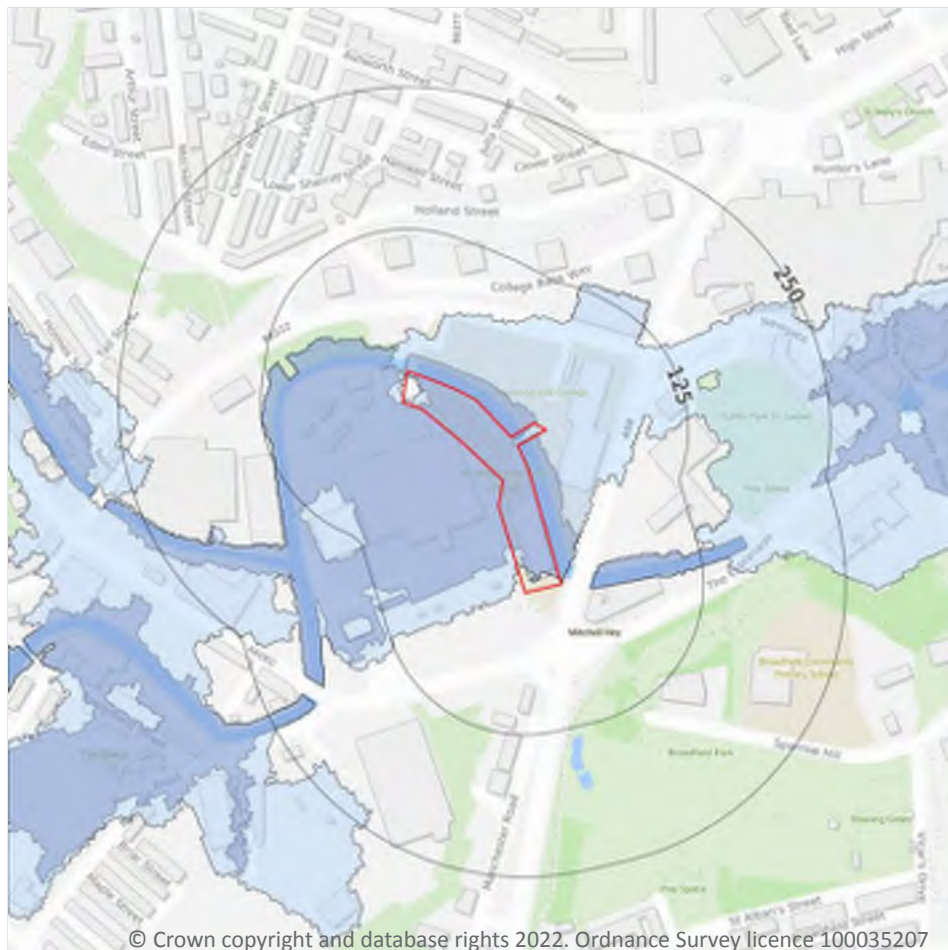
Records within 250m

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



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

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.

Features are displayed on the River and coastal flooding map on **page 81**

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

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

7.7 Flood Zone 3

Records within 50m

1

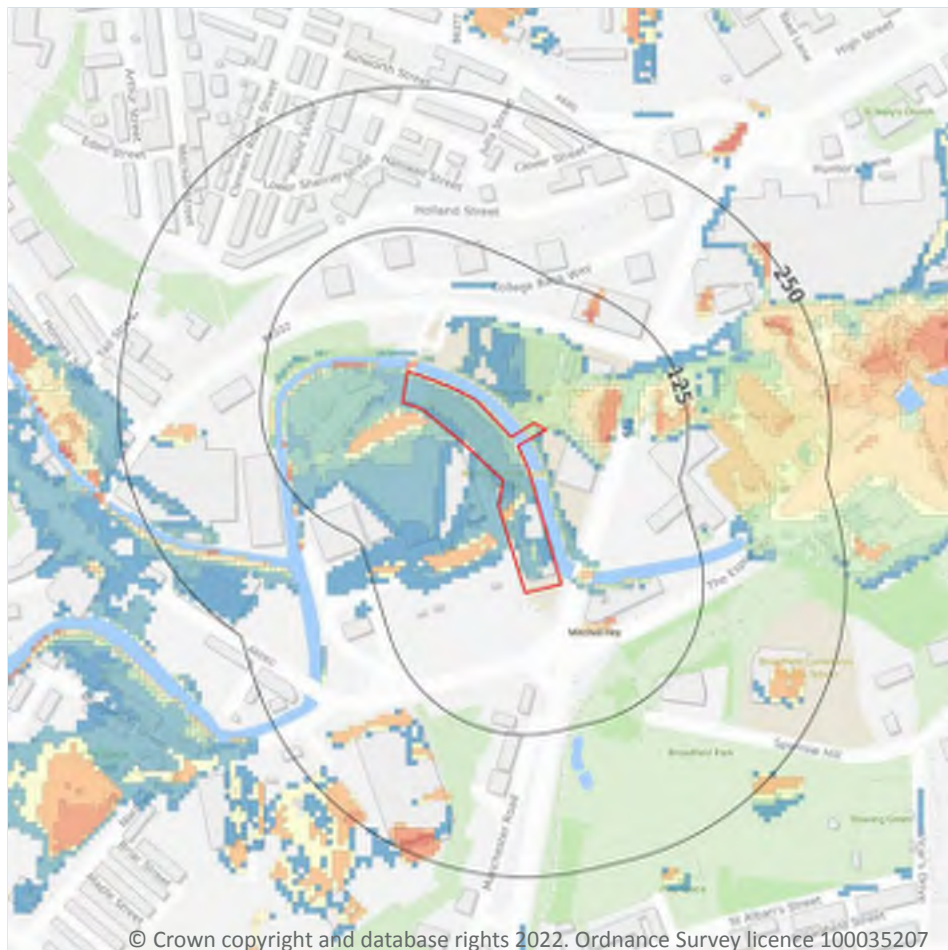
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 81**

Location	Type
On site	Zone 3 - (Fluvial Models)

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

8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on **page 86**

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.

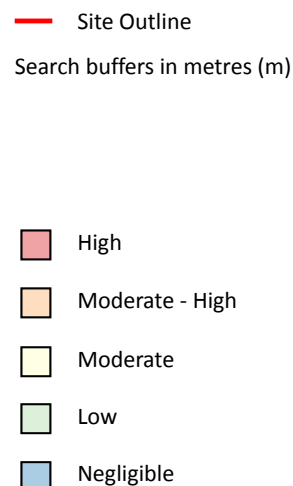
The table below shows the maximum flood depths for a range of return periods for the site.

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	Between 0.1m and 0.3m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

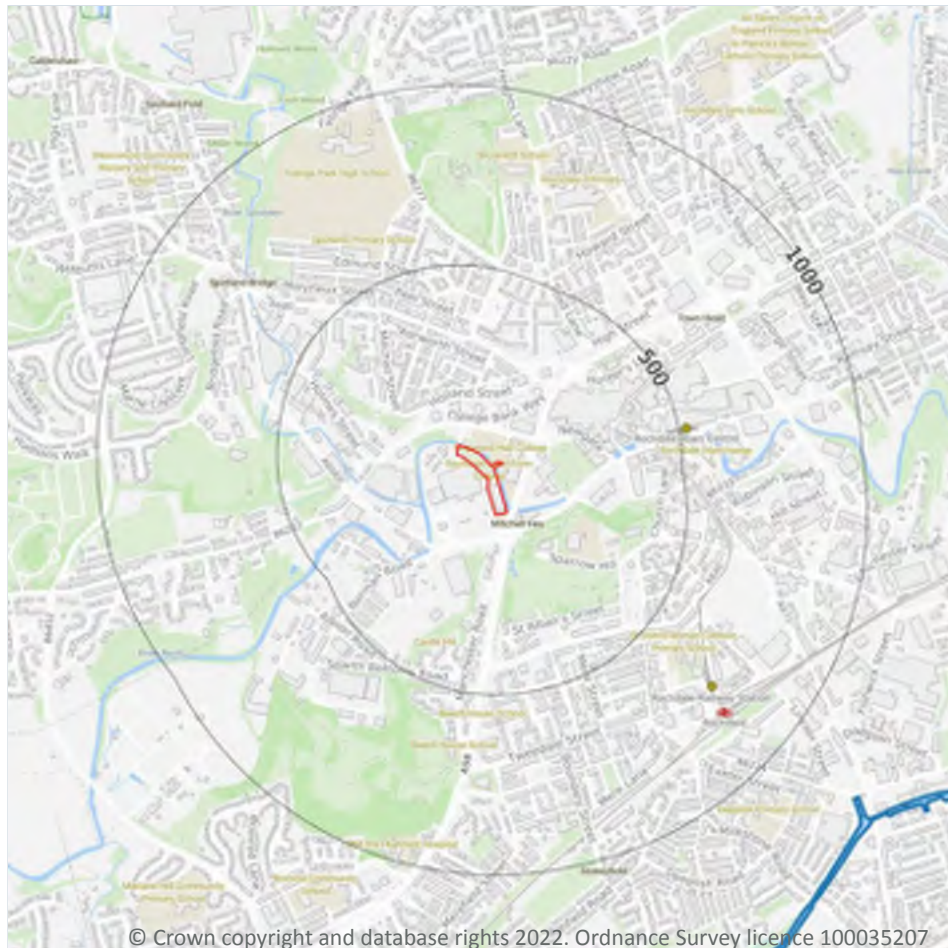
Moderate

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 88**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)
- Local Nature Reserves (LNR)
- Designated Ancient Woodland
- Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

4

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.

Features are displayed on the Environmental designations map on **page 89**

ID	Location	Name	Data source
A	1250m SE	Rochdale Canal	Natural England



ID	Location	Name	Data source
-	1484m S	Rochdale Canal	Natural England
-	1593m S	Rochdale Canal	Natural England
-	1889m S	Rochdale Canal	Natural England

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	4
-----------------------------	----------

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.

Features are displayed on the Environmental designations map on **page 89**

ID	Location	Name	Features of interest	Habitat description	Data source
A	1250m SE	Rochdale Canal	Floating water-plantain.	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Inland water bodies (Standing water, Running water)	Natural England
-	1484m S	Rochdale Canal	Floating water-plantain.	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Inland water bodies (Standing water, Running water)	Natural England
-	1593m S	Rochdale Canal	Floating water-plantain.	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Inland water bodies (Standing water, Running water)	Natural England

ID	Location	Name	Features of interest	Habitat description	Data source
-	1889m S	Rochdale Canal	Floating water-plantain.	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Inland water bodies (Standing water, Running water)	Natural England

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0
-----------------------------	----------

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0
-----------------------------	----------

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	1
-----------------------------	----------

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

Features are displayed on the Environmental designations map on **page 89**

ID	Location	Name	Data source
-	1789m NW	Healey Dell	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m**2**

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

Features are displayed on the Environmental designations map on **page 89**

ID	Location	Name	Woodland Type
-	1917m SW	Springfield Wood	Ancient & Semi-Natural Woodland
-	1927m SW	River Rock Wood (2)	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m**0**

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

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

10.9 Forest Parks

Records within 2000m**0**

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m**0**

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

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



10.11 Green Belt

Records within 2000m

2

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

Features are displayed on the Environmental designations map on **page 89**

ID	Location	Name	Local Authority name
1	1535m NW	Merseyside and Greater Manchester	Rochdale
-	1767m NE	Merseyside and Greater Manchester	Rochdale

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m**0**

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

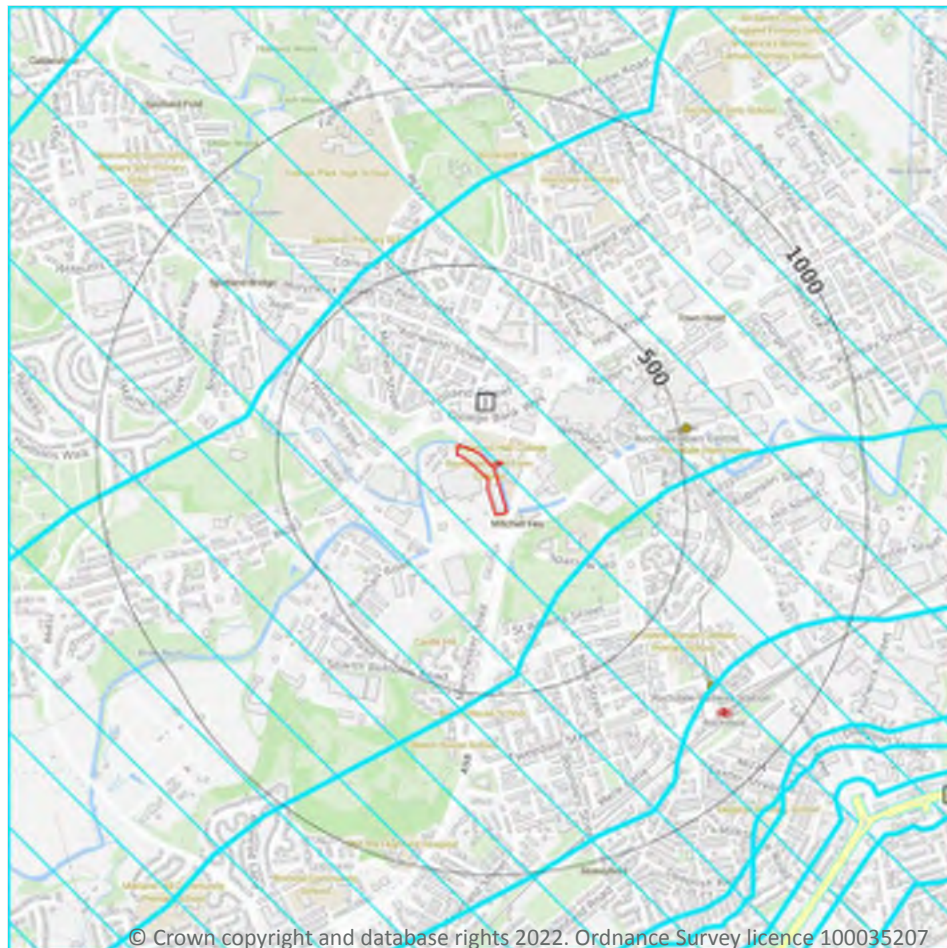
Records within 2000m**0**

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

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



SSSI Impact Zones and Units



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

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 95**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m² or more.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	4
-----------------------------	----------

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.

Features are displayed on the SSSI Impact Zones and Units map on **page 95**

ID: 8
 Location: 1250m SE
 SSSI name: Rochdale Canal
 Unit name: Failsworth
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Population of Schedule 8 plant - Luronium natans, Floating Water-plantain	Unfavourable - Recovering	25/11/2010

ID: -
Location: 1484m S
SSSI name: Rochdale Canal
Unit name: Failsworth
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Population of Schedule 8 plant - Luronium natans, Floating Water-plantain	Unfavourable - Recovering	25/11/2010

ID: -
Location: 1593m S
SSSI name: Rochdale Canal
Unit name: Failsworth
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Population of Schedule 8 plant - Luronium natans, Floating Water-plantain	Unfavourable - Recovering	25/11/2010

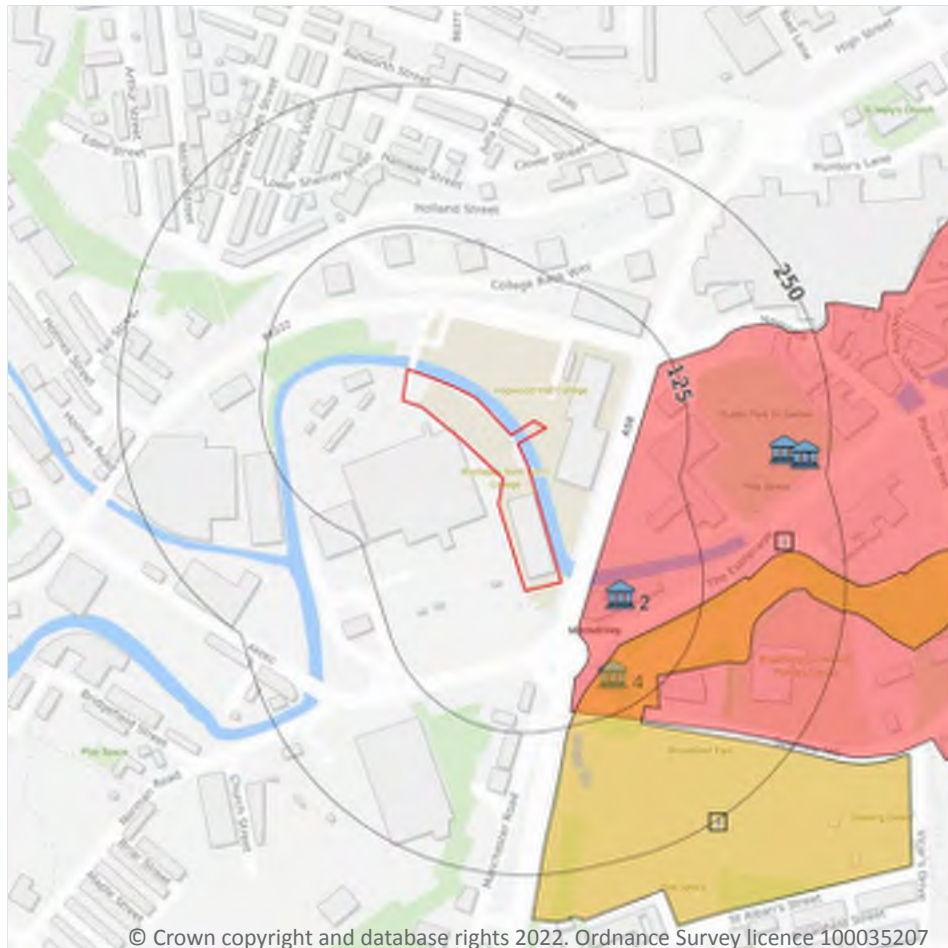
ID: -
Location: 1889m S
SSSI name: Rochdale Canal
Unit name: Failsworth
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Population of Schedule 8 plant - Luronium natans, Floating Water-plantain	Unfavourable - Recovering	25/11/2010

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**4**

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 98**

ID	Location	Name	Grade	Reference Number	Listed date
2	53m E	Rochdale Central Library, Museum and Art Gallery, Milkstone and Deepish, Rochdale, OL16	II	1367096	12/02/1985
4	93m SE	Statue of John Bright, Broadfield Park, Rochdale, OL16	II	1370017	12/02/1985
A	211m E	Lamp Posts At Each Corner of War Memorial, Milkstone and Deepish, Rochdale, OL16	II	1367099	12/02/1985
A	230m E	Rochdale Cenotaph, Milkstone and Deepish, Rochdale, OL16	I	1084274	12/02/1985

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



11.5 Conservation Areas

Records within 250m

1

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.

Features are displayed on the Visual and cultural designations map on **page 98**

ID	Location	Name	District	Date of designation
1	26m E	Rochdale Town Centre	Rochdale	20/08/1973

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

1

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.

Features are displayed on the Visual and cultural designations map on **page 98**

ID	Location	Name	Grade
3	76m SE	Broadfield Park	II

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



12 Agricultural designations



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

12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on **page 101**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m**0**

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

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

12.3 Tree Felling Licences

Records within 250m**1**

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.

Features are displayed on the Agricultural designations map on **page 101**

ID	Location	Description	Reference	Application date
2	74m SE	Selective Fell/Thin (Conditional)	010/56/06-07	23/11/2006

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m**0**

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m**0**

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

This data is sourced from Natural England.



13 Habitat designations



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

13.1 Priority Habitat Inventory

Records within 250m

8

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

Features are displayed on the Habitat designations map on **page 103**

ID	Location	Main Habitat	Other habitats
1	76m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	88m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	98m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	104m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	115m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	199m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	240m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	245m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0
----------------------------	----------

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0
----------------------------	----------

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

This data is sourced from Natural England.

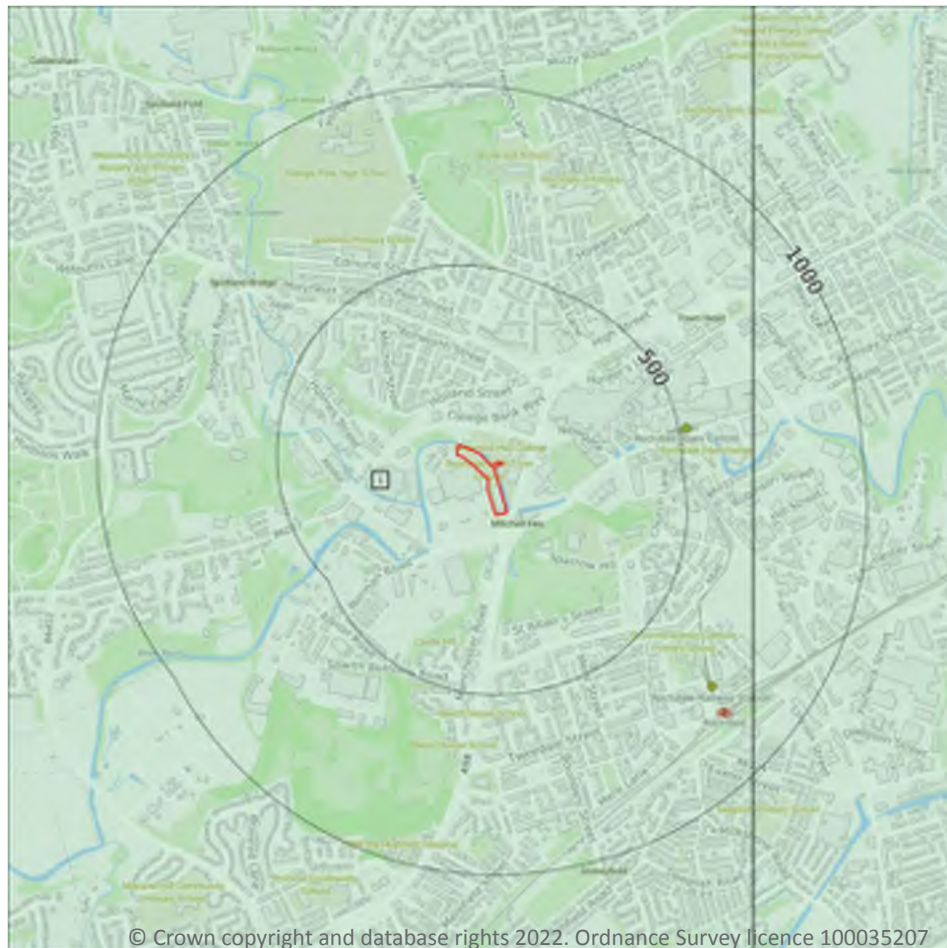
13.4 Limestone Pavement Orders

Records within 250m	0
----------------------------	----------

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

This data is sourced from Natural England.

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.

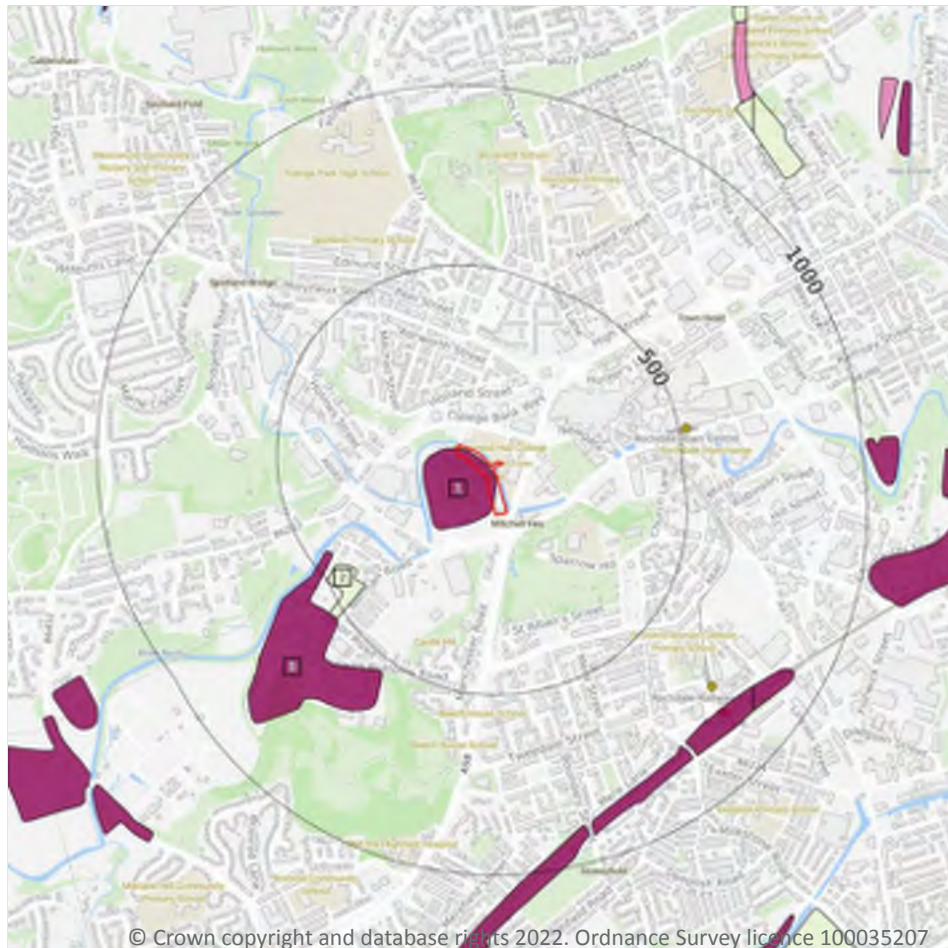
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 105**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SD81SE

This data is sourced from the British Geological Survey.



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



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

14.2 Artificial and made ground (10k)

Records within 500m

3

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

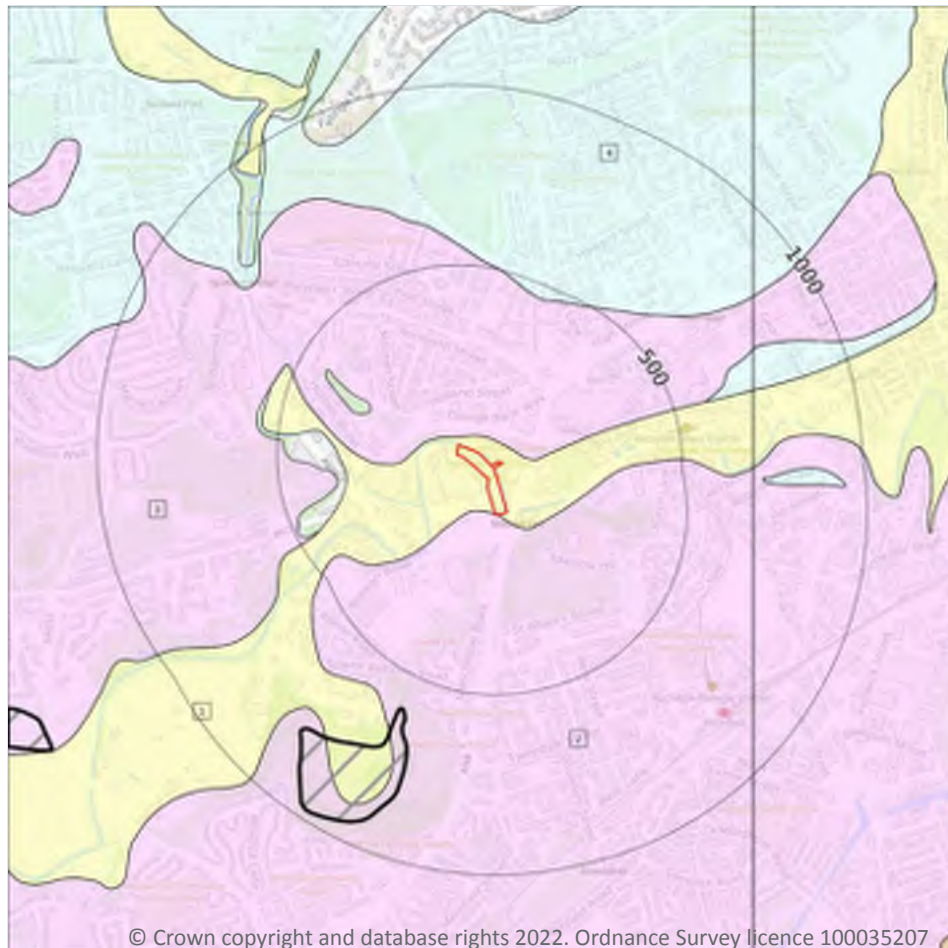
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 106**

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	411m SW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
3	441m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

4

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 107**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
2	On site	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel
3	23m N	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel
4	461m NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton



This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

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

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

14.5 Bedrock geology (10k)

Records within 500m

1

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 109**

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

1

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

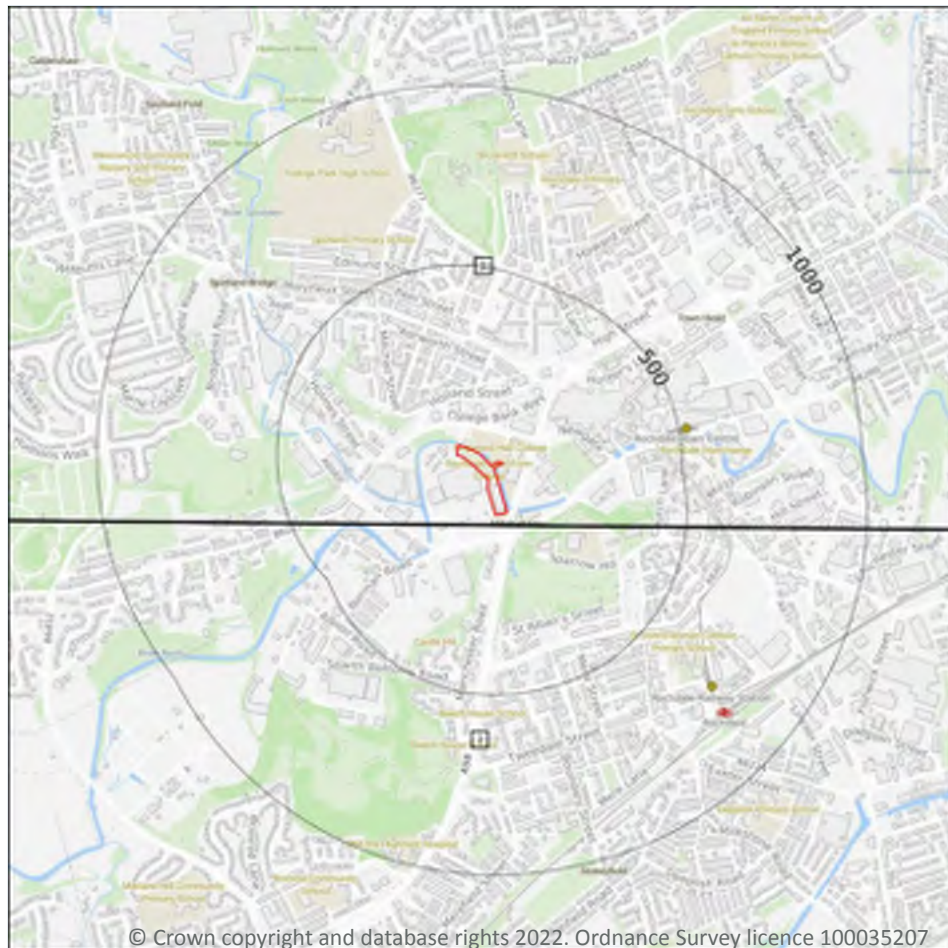
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 109**

ID	Location	Category	Description
2	109m NE	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

2

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

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 111**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	Full	EW076_rochdale_v4
2	28m S	No coverage	Full	Full	No coverage	EW085_manchester_v4

This data is sourced from the British Geological Survey.

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

15.2 Artificial and made ground (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

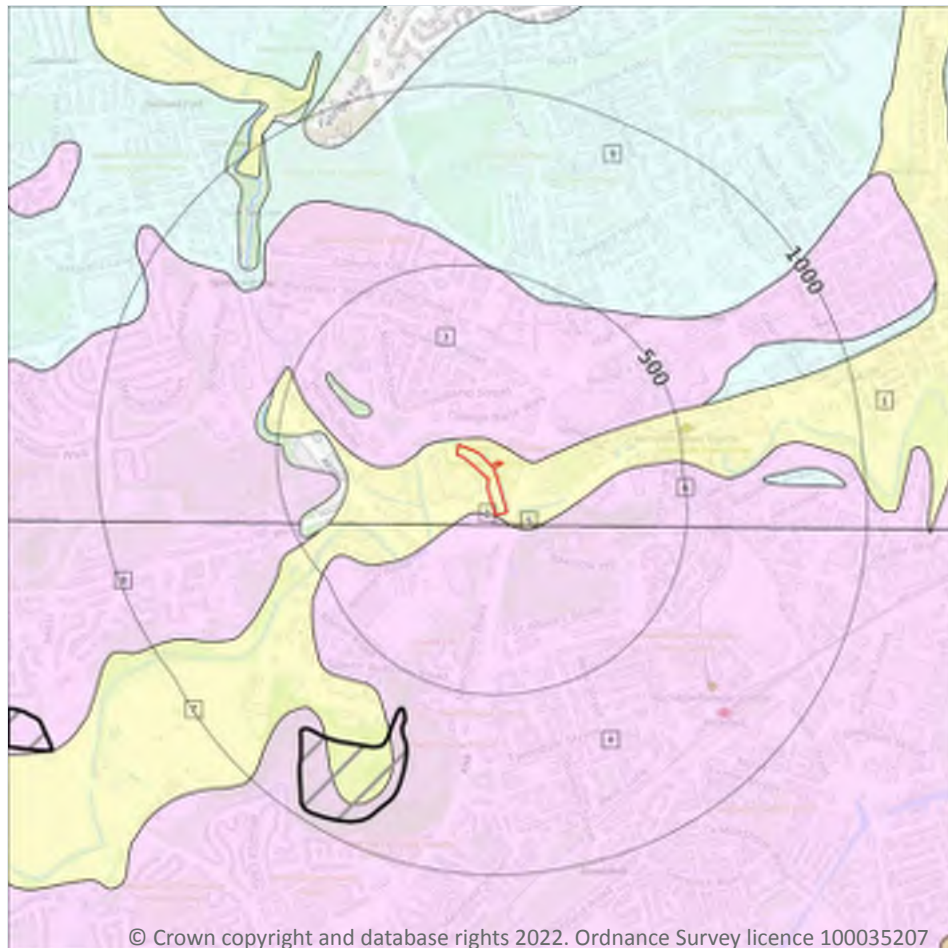
Records within 50m

0

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (50k)
- Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

9

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 113**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
2	3m S	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
3	17m N	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
4	28m S	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
5	38m S	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
6	99m E	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
7	120m W	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
8	437m SW	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
9	456m NE	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

3

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	Very Low
3m SW	Intergranular	Very High	High
17m W	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

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

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

15.8 Bedrock geology (50k)

Records within 500m

2

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 115**

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
2	28m S	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m

1

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

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

2

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

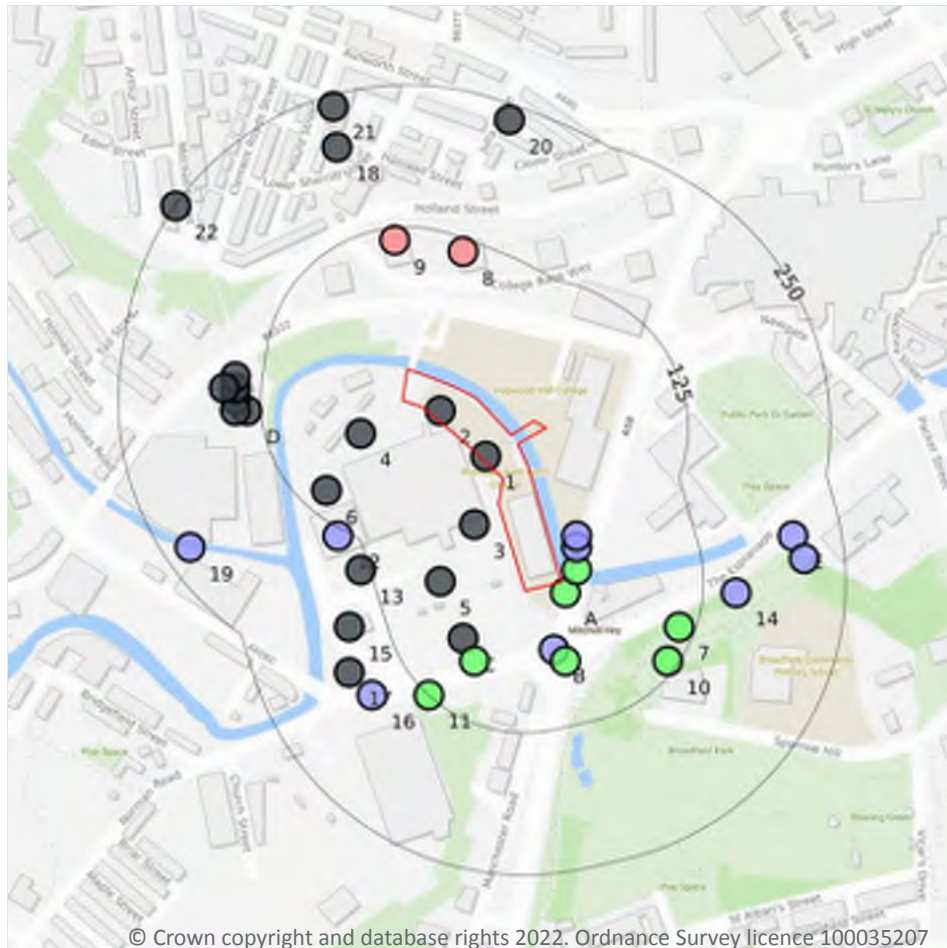
Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 115**

ID	Location	Category	Description
3	109m NE	ROCK	Coal seam, inferred
4	290m E	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

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

16.1 BGS Boreholes

Records within 250m

38

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

Features are displayed on the Boreholes map on **page 117**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	389250 413310	ROCHDALE CRICKET CLUB 4	-	Y	N/A
2	On site	389210 413350	ROCHDALE CRICKET CLUB 2	-	Y	N/A
A	10m S	389320 413190	ROCHDALE 4	13.1	N	29910

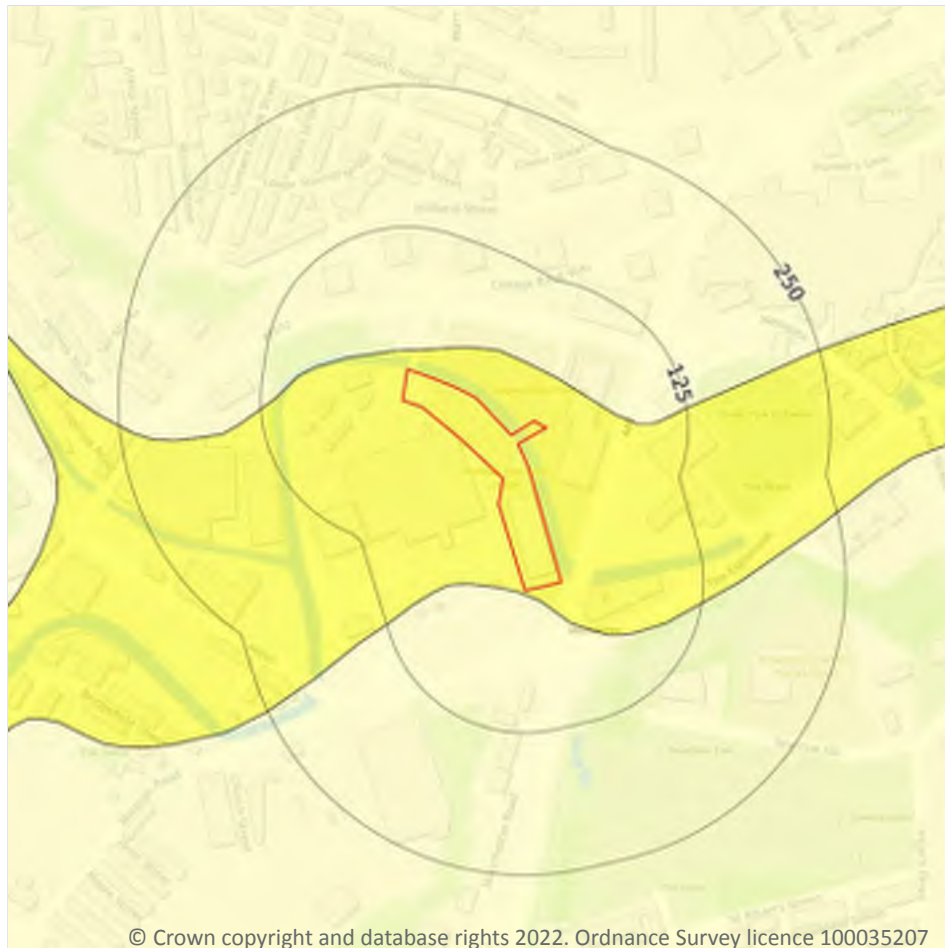
ID	Location	Grid reference	Name	Length	Confidential	Web link
A	16m E	389330 413210	ROCHDALE 3	12.19	N	29909
A	21m E	389330 413230	ROCHDALE 2	6.1	N	29908
A	24m E	389330 413240	ROCHDALE 1	6.1	N	29907
3	26m W	389240 413250	ROCHDALE CRICKET CLUB 7	-	Y	N/A
4	47m SW	389140 413330	ROCHDALE CRICKET CLUB 1	-	Y	N/A
B	56m S	389310 413140	ROCH VALLEY SEWER 4	1.0	N	29984
B	68m S	389320 413130	ROCH VALLEY SEWER 5	15.5	N	29985
C	69m SW	389230 413150	ROCHDALE CRICKET CLUB 10	-	Y	N/A
5	69m W	389210 413200	ROCHDALE CRICKET CLUB 6	-	Y	N/A
C	76m SW	389240 413130	ROCH VALLEY SEWER 3	12.0	N	29983
6	104m SW	389110 413280	ROCHDALE CRICKET CLUB 3	-	Y	N/A
7	111m E	389420 413160	ROCH VALLEY SEWER 7	12.0	N	29987
8	114m N	389230 413490	WIMPEY'S SITE, BURY ROAD. NO.9	64.77	N	29746
9	114m N	389170 413500	WIMPEY'S SITE, BURY ROAD. NO.11	39.93	N	29747
10	117m SE	389410 413130	ROCH VALLEY SEWER 6	24.0	N	29986
11	125m SW	389200 413100	ROCH VALLEY SEWER 2	11.0	N	29982
12	132m SW	389120 413240	TRUNK SEWER DERELICTION ROCHDALE BH3	9.0	N	30250
13	133m W	389140 413210	ROCHDALE CRICKET CLUB 5	-	Y	N/A
D	137m W	389040 413350	MITCHELL HEY MILLS COLLEGE ROAD ROCHDALE 6	-	Y	N/A
D	147m W	389030 413360	MITCHELL HEY MILLS COLLEGE ROAD ROCHDALE 3	-	Y	N/A
D	147m W	389030 413350	MITCHELL HEY MILLS COLLEGE ROAD ROCHDALE 5	-	Y	N/A
D	147m W	389030 413370	MITCHELL HEY MILLS COLLEGE ROAD ROCHDALE 4	-	Y	N/A
D	148m W	389030 413380	MITCHELL HEY MILLS COLLEGE ROAD ROCHDALE 2	-	Y	N/A
14	154m E	389470 413190	ROCH VALLEY SEWER 8	10.0	N	29988
15	157m W	389130 413160	ROCHDALE CRICKET CLUB 8	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
D	157m W	389020 413370	MITCHELL HEY MILLS COLLEGE ROAD ROCHDALE 1	-	Y	N/A
16	163m SW	389150 413100	ROCH VALLEY SEWER 1	9.2	N	29981
17	171m SW	389130 413120	ROCHDALE CRICKET CLUB 9	-	Y	N/A
18	205m N	389119 413582	W CENTRAL DIST ROCHDALE 34	-	Y	N/A
E	207m E	389520 413240	ROCH VALLEY SEWER 10	9.5	N	29990
E	214m E	389530 413220	ROCH VALLEY SEWER 9	9.0	N	29989
19	227m SW	388990 413230	TRUNK SEWER DERELICTION ROCHDALE BH2A	3.6	N	30249
20	237m N	389271 413606	W CENTRAL DIST ROCHDALE 35	-	Y	N/A
21	240m N	389116 413618	W CENTRAL DIST ROCHDALE 33	-	Y	N/A
22	249m NW	388977 413530	W CENTRAL DIST ROCHDALE 36	-	Y	N/A

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



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

17.1 Shrink swell clays

Records within 50m

2

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

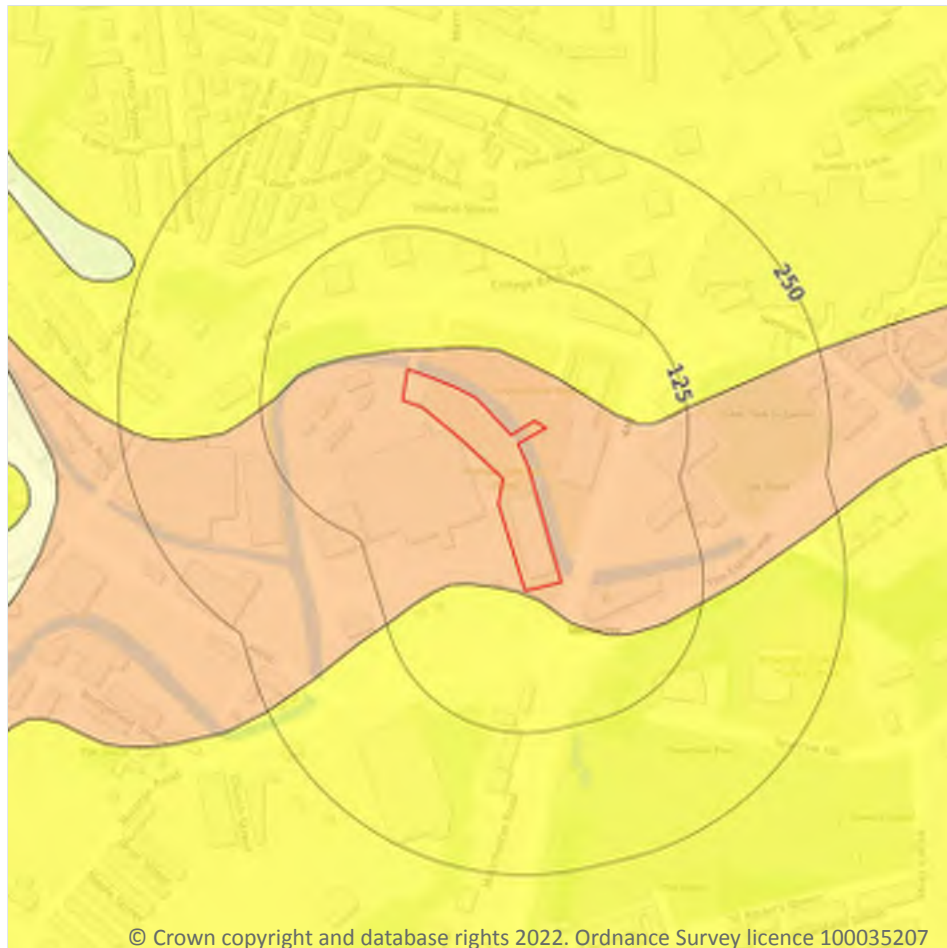
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 120**

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.
3m S	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

17.2 Running sands

Records within 50m

3

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

Features are displayed on the Natural ground subsidence - Running sands map on **page 121**

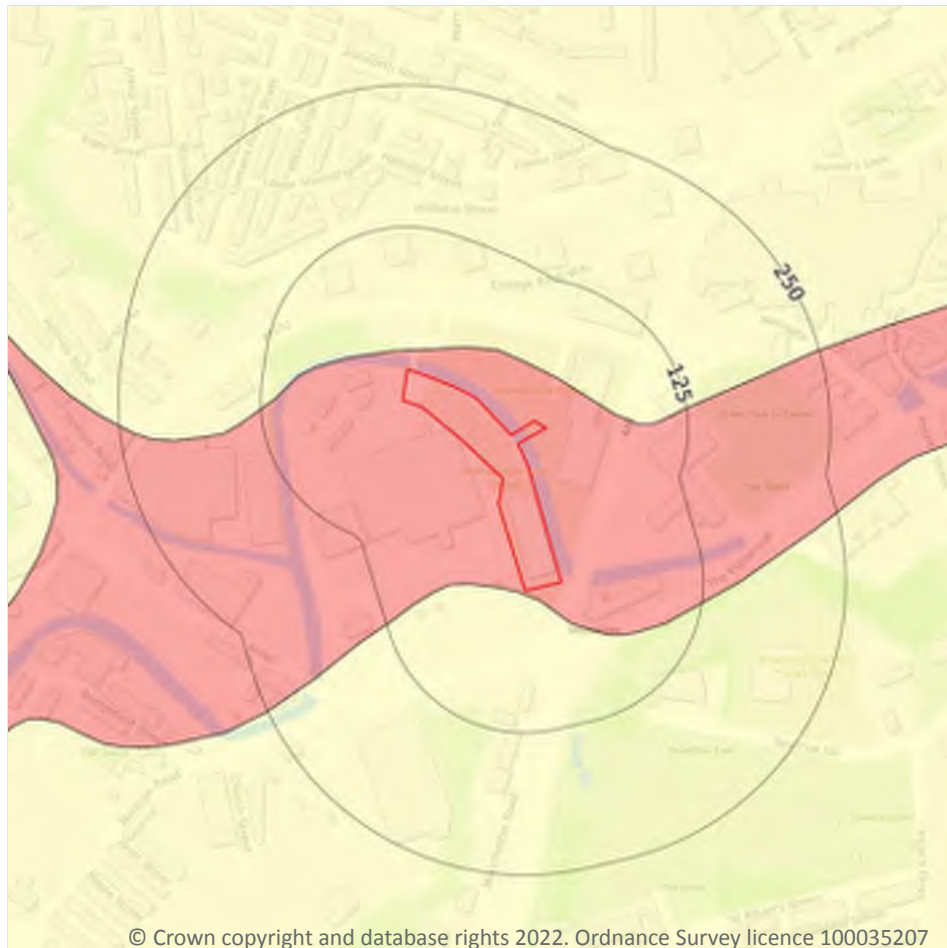
Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

Location	Hazard rating	Details
3m S	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
17m N	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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

17.3 Compressible deposits

Records within 50m

2

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 123**

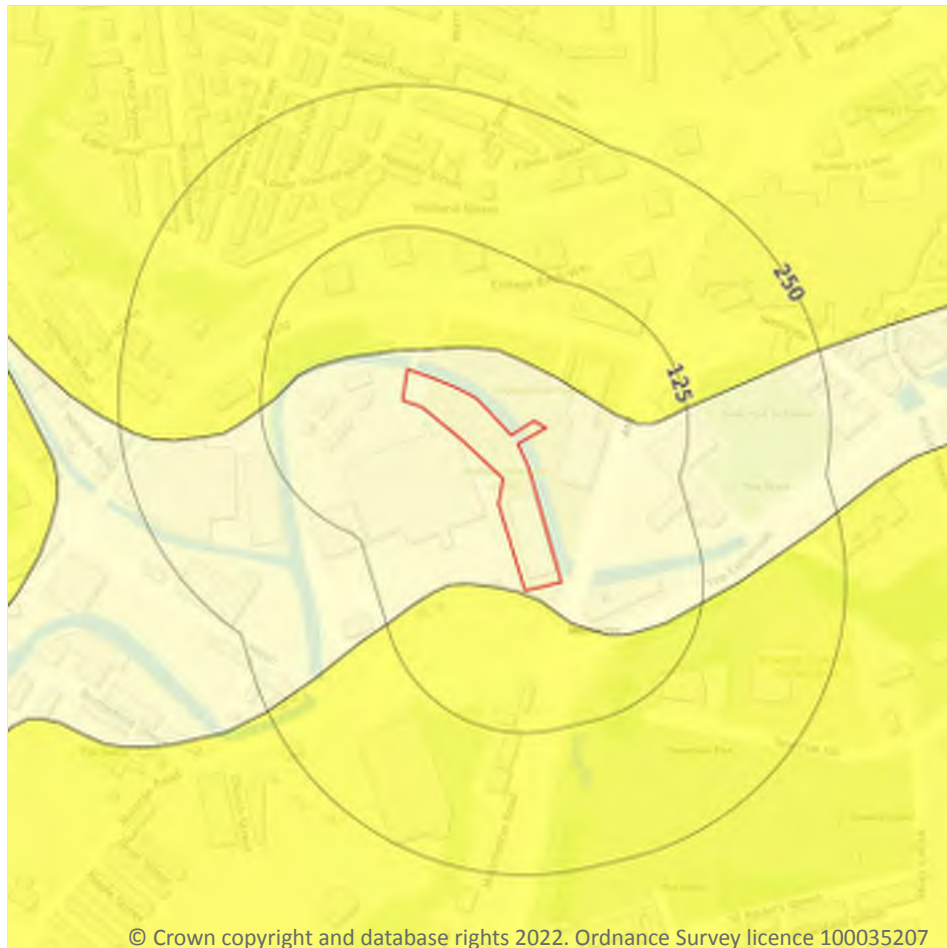
Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
3m S	Negligible	Compressible strata are not thought to occur.



This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



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

17.4 Collapsible deposits

Records within 50m

2

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

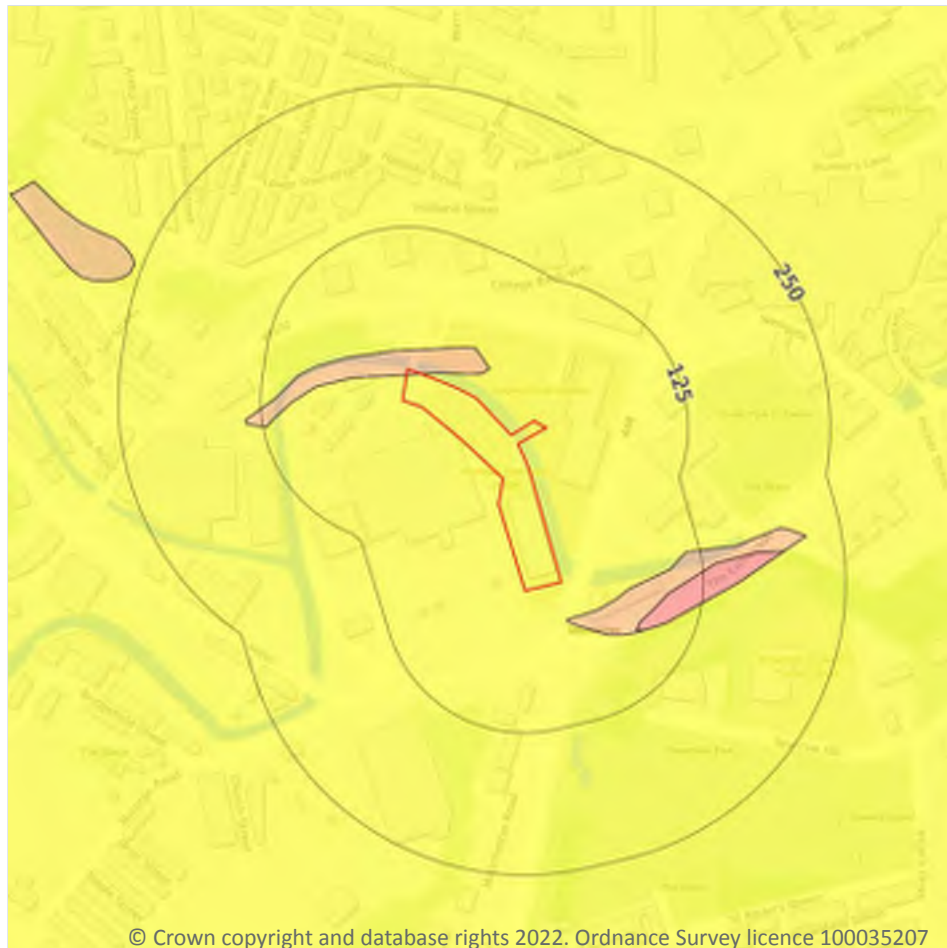
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 125**

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
3m S	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



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

17.5 Landslides

Records within 50m

3

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

Features are displayed on the Natural ground subsidence - Landslides map on **page 126**

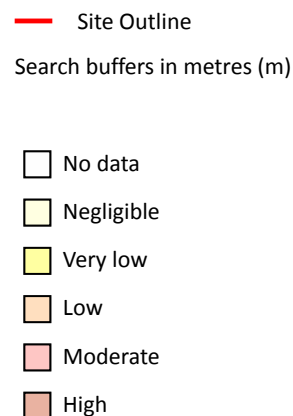
Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
33m S	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

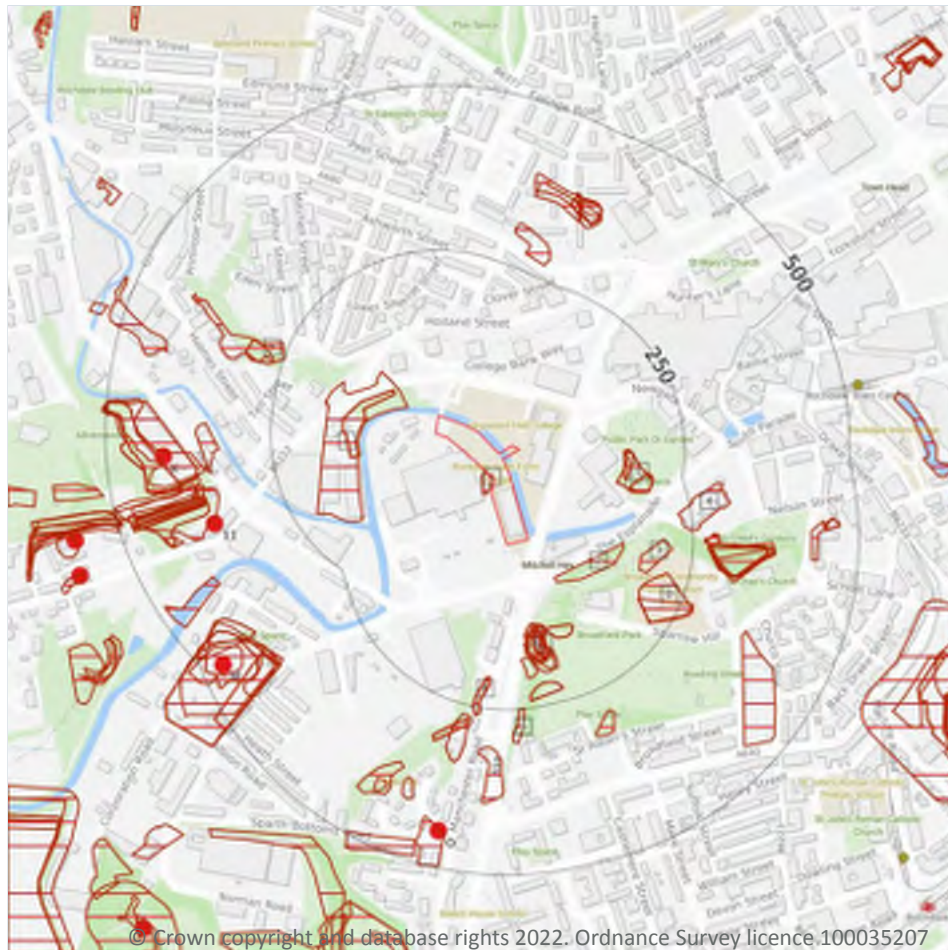
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 128**

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

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

4

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 130**

ID	Location	Details	Description
11	360m W	Name: Coptrod Wood Address: Mitchell Hey, ROCHDALE, Lancashire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
K	413m W	Name: Coptrod Quarry Address: ROCHDALE, Lancashire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
O	445m S	Name: Castle Hill Sand Pit Address: Mitchell Hey, ROCHDALE, Lancashire Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
M	466m SW	Name: Sparth Brick Works Address: ROCHDALE, Lancashire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.



18.3 Surface ground workings

Records within 250m

38

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 130**

ID	Location	Land Use	Year of mapping	Mapping scale
1	0m SW	Unspecified Heap	1949	1:10560
A	49m W	Brick Field	1851	1:10560
2	70m SE	Unspecified Ground Workings	1968	1:10560
A	74m NW	Unspecified Ground Workings	1992	1:10000
A	74m NW	Unspecified Ground Workings	1987	1:10000
A	74m NW	Unspecified Ground Workings	1975	1:10000
B	125m S	Pond	1890	1:10560
B	129m S	Pond	1949	1:10560
B	129m S	Pond	1968	1:10560
B	131m S	Pond	1975	1:10000
B	132m S	Pond	1992	1:10000
B	132m S	Pond	1987	1:10000
B	135m S	Pond	1938	1:10560
B	135m S	Pond	1928	1:10560
B	136m S	Pond	1908	1:10560
B	137m S	Unspecified Heap	1928	1:10560
B	137m S	Unspecified Heap	1938	1:10560
B	137m S	Refuse Heap	1851	1:10560
C	152m E	Unspecified Pit	1949	1:10560
C	152m E	Unspecified Pit	1968	1:10560
C	159m E	Unspecified Heap	1938	1:10560
C	159m E	Unspecified Heap	1928	1:10560
C	170m E	Unspecified Pit	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
C	170m E	Unspecified Pit	1928	1:10560
3	172m E	Unspecified Ground Workings	1968	1:10560
B	173m S	Unspecified Heap	1890	1:10560
D	184m SE	Unspecified Pit	1968	1:10560
D	189m SE	Unspecified Pit	1908	1:10560
E	203m S	Unspecified Ground Workings	1992	1:10000
E	203m S	Unspecified Ground Workings	1987	1:10000
E	203m S	Unspecified Ground Workings	1975	1:10000
E	203m S	Unspecified Ground Workings	1968	1:10560
B	217m S	Unspecified Heap	1928	1:10560
B	217m S	Unspecified Heap	1938	1:10560
4	230m E	Mortuary	1949	1:10560
F	249m W	Unspecified Ground Workings	1992	1:10000
F	249m W	Unspecified Ground Workings	1987	1:10000
5	250m S	Unspecified Ground Workings	1890	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

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

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m**0**

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

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m**0**

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

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site**0**

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site**1**

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

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

This data is sourced from the Coal Authority.



18.10 Brine areas

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

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

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

18.11 Gypsum areas

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

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 Clay mining

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

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

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

19 Radon



— Site Outline
Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 136**

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

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

5

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	300 - 600 mg/kg	240 - 360 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	300 - 600 mg/kg	240 - 360 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	300 - 600 mg/kg	240 - 360 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
28m S	15 - 25 mg/kg	No data	300 - 600 mg/kg	240 - 360 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m SW	15 - 25 mg/kg	No data	300 - 600 mg/kg	240 - 360 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.



20.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects

21.1 Underground railways (London)

Records within 250m**0**

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m**0**

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

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m**0**

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m**0**

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

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m**0**

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



This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m

0

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

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>.



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: 1056 Scale Town Plan

Map date: 1851

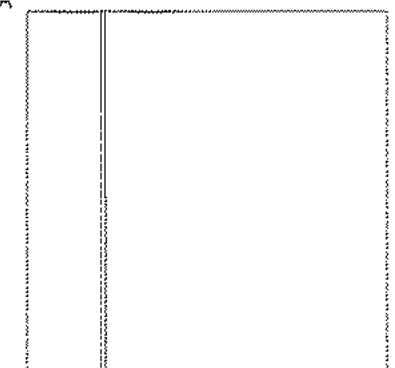
Scale: 1:1,056

Printed at: 1:1,056



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

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

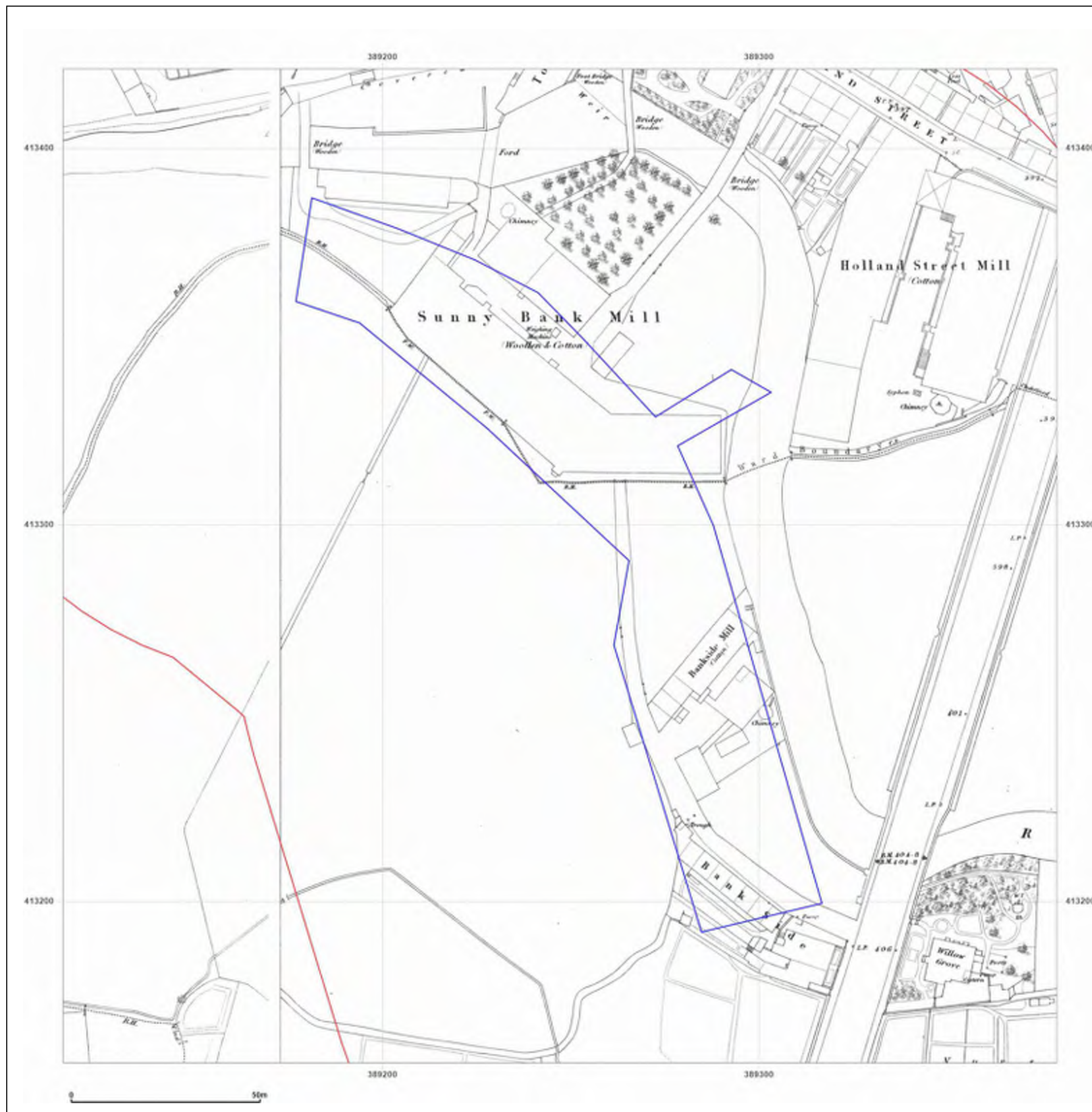


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM COLLEGE, ROCHDALE SIXTH FORM COLLEGE, COLLEGE ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1890-1891

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1890
 Revised 1890
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1891
 Revised 1891
 Edition N/A
 Copyright N/A
 Levelled N/A

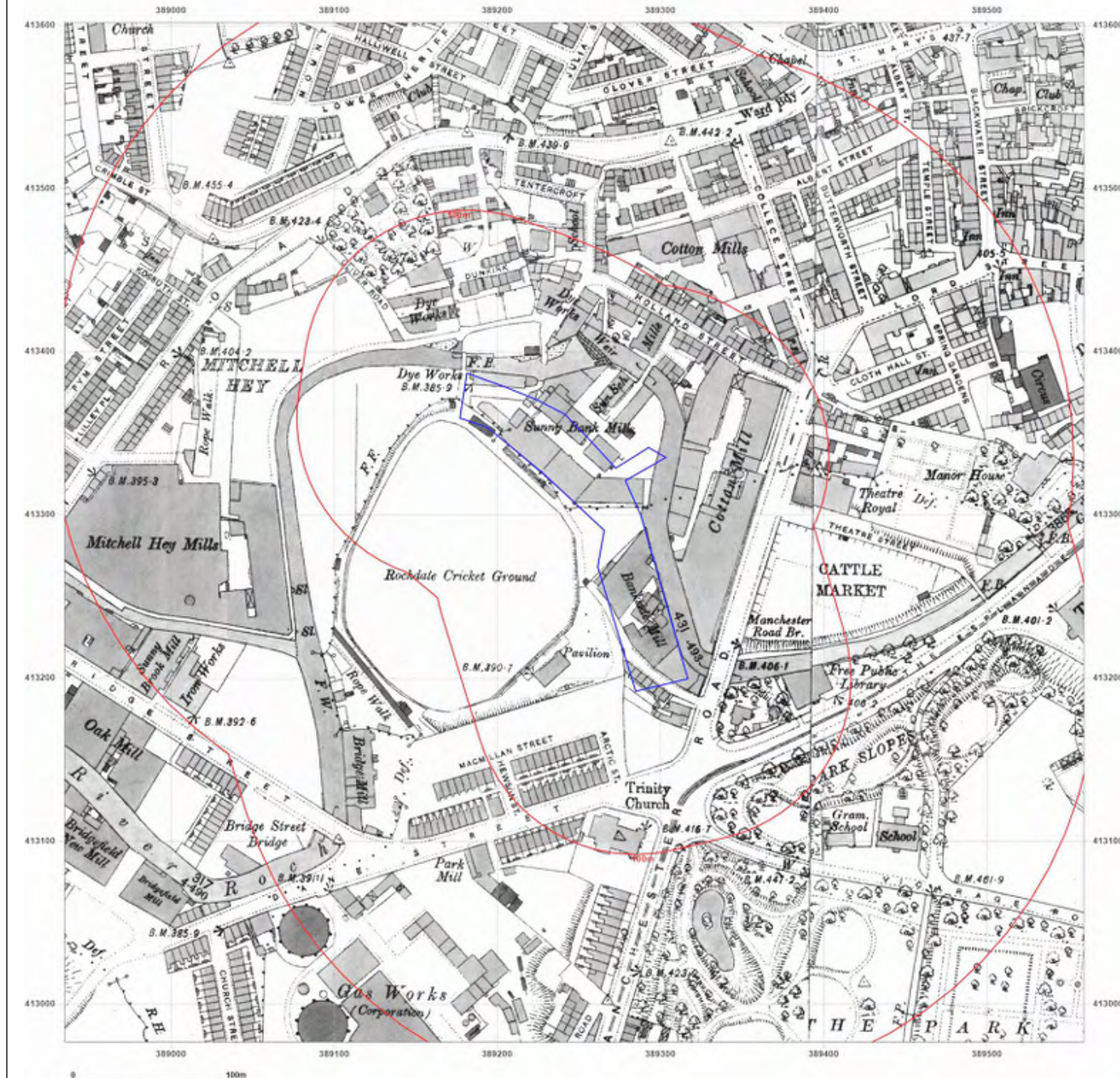


Produced by
 Groundsure Insights
 T: 08444 159000
 E: info@groundsure.com
 W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series Town Plan

Map date: 1892

Scale: 1:500

Printed at: 1:1,000



Surveyed 1892
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1892
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1910

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1910
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1910
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
Revised 1930
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1930
Revised 1930
Edition N/A
Copyright N/A
Levelled N/A

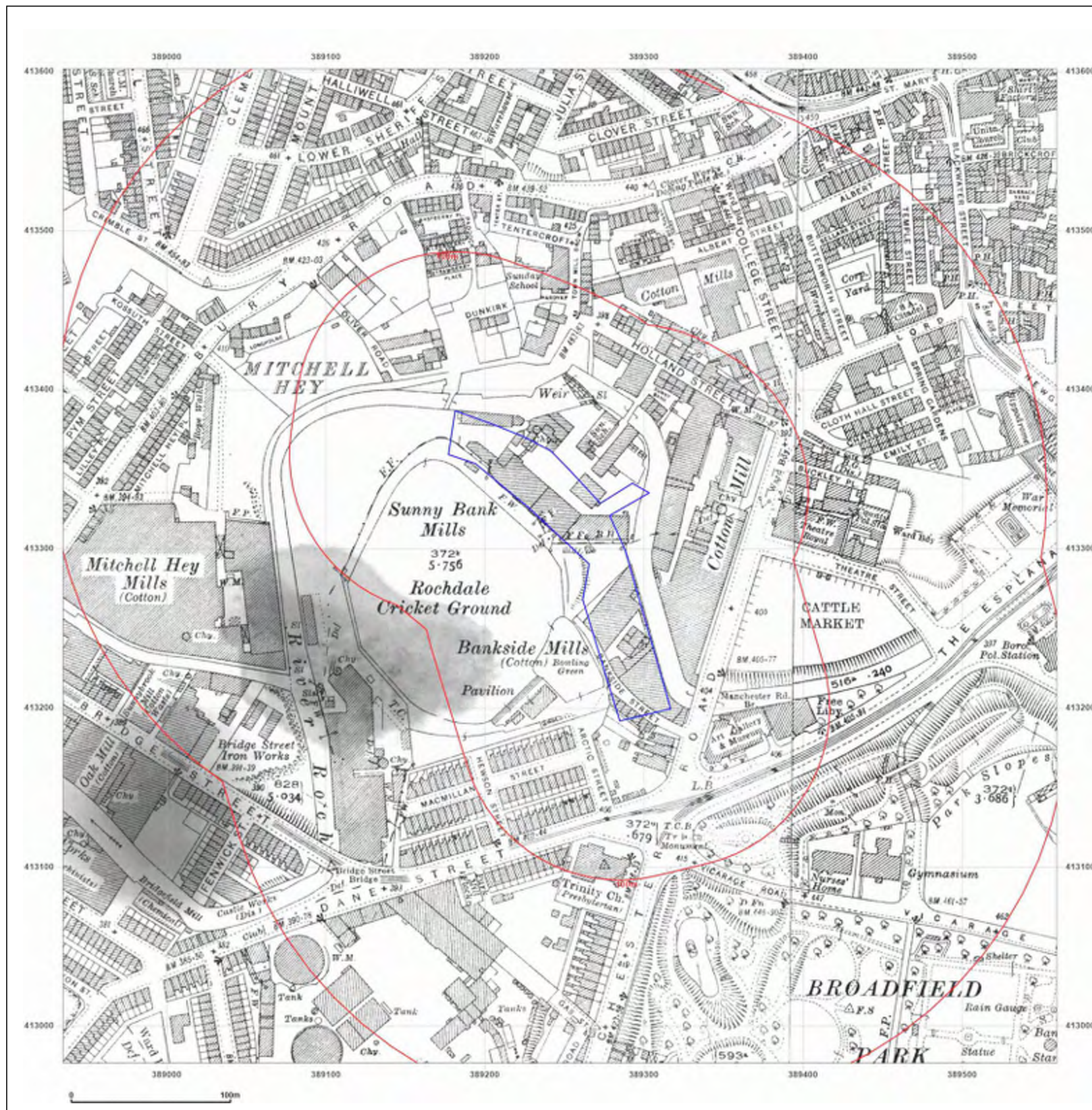


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1959

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1959
Revised 1959
Edition N/A
Copyright 1959
Levelled 1956

Surveyed 1959
Revised 1959
Edition N/A
Copyright 1959
Levelled 1956

Surveyed 1959
Revised 1959
Edition N/A
Copyright 1959
Levelled 1956

Surveyed 1959
Revised 1959
Edition N/A
Copyright 1959
Levelled 1956

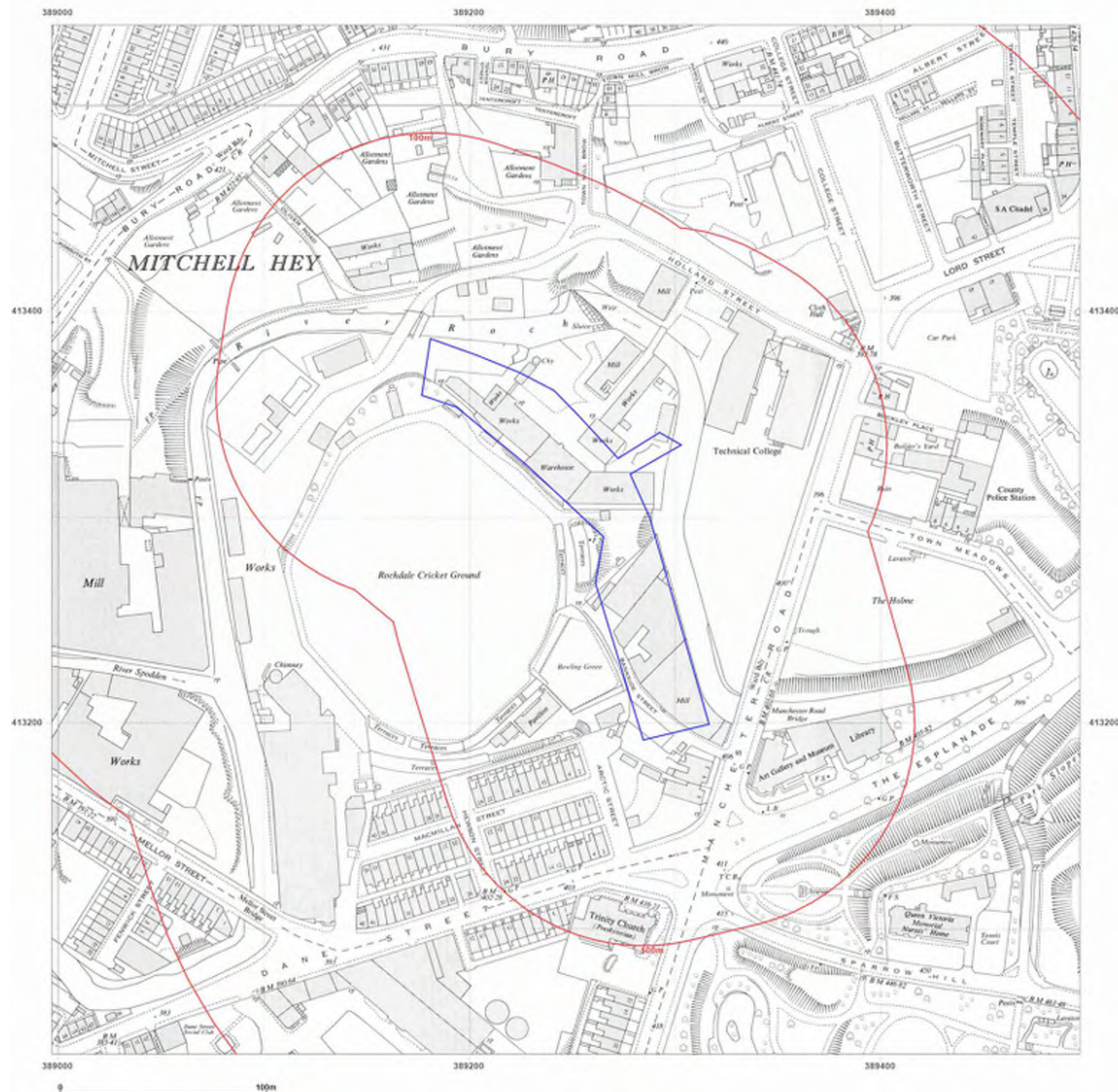


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1958-1959

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1959
Revised 1959
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1957
Revised 1957
Edition 1958
Copyright N/A
Levelled 1928

Surveyed 1957
Revised 1957
Edition 1958
Copyright N/A
Levelled 1928



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1967

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1967
Revised 1967
Edition N/A
Copyright 1967
Levelled 1962

Surveyed 1967
Revised 1967
Edition N/A
Copyright 1967
Levelled 1962



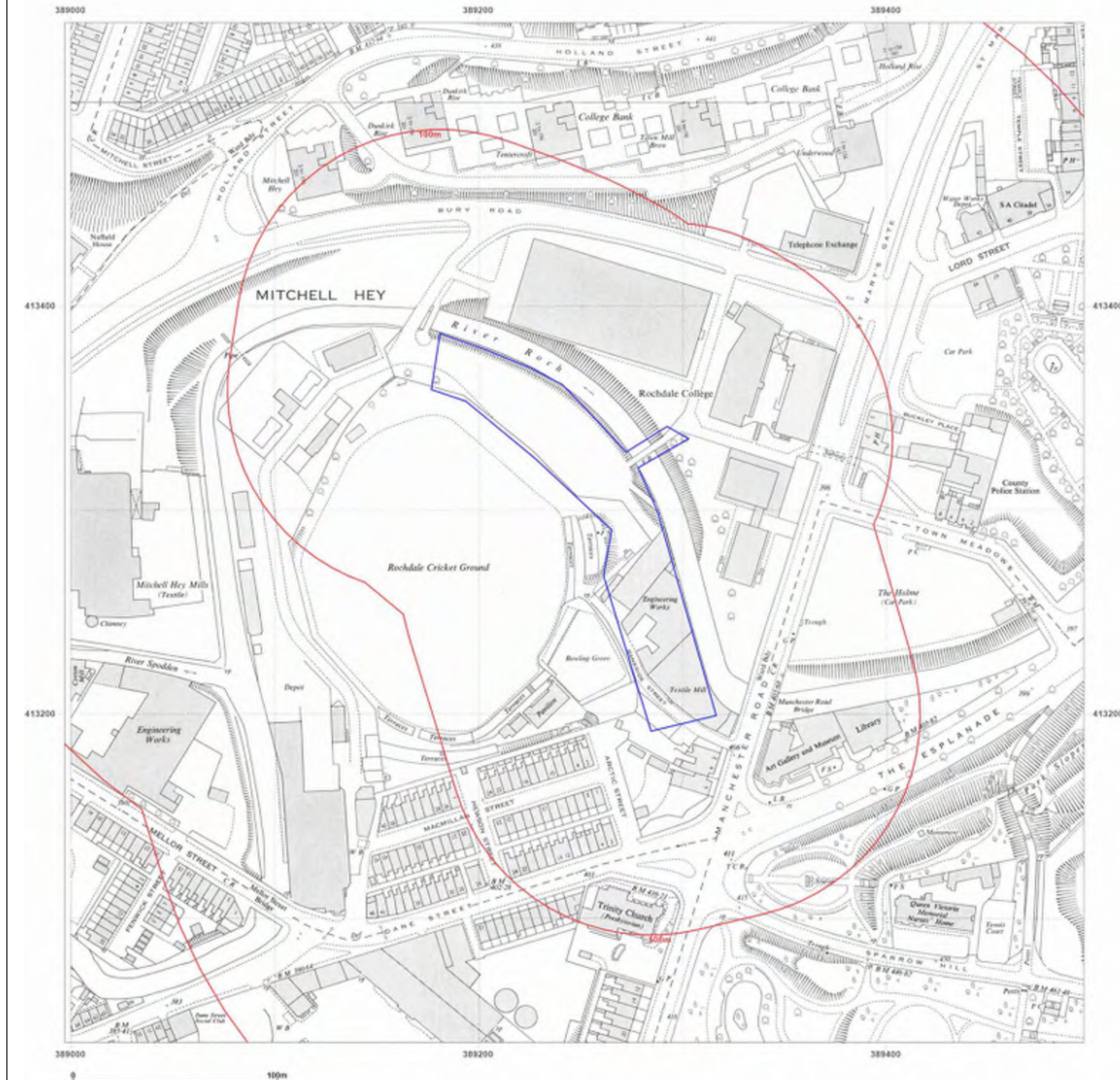
Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM COLLEGE, ROCHDALE SIXTH FORM COLLEGE, COLLEGE ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1972-1975

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1959
 Revised 1971
 Edition N/A
 Copyright 1972
 Levelled 1962

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1975
 Levelled N/A

Surveyed 1959
 Revised 1973
 Edition N/A
 Copyright 1974
 Levelled 1962

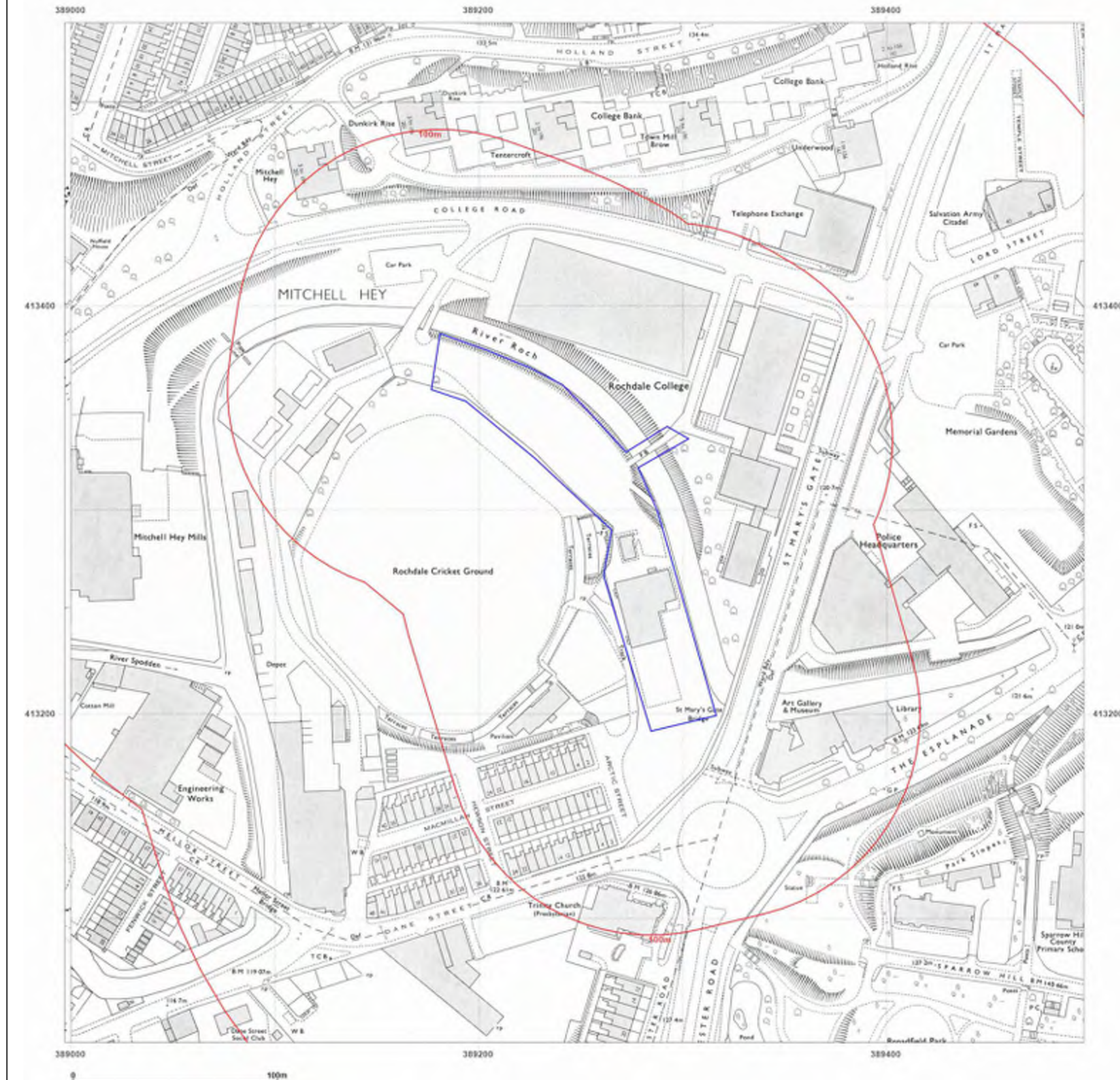


Produced by
 Groundsure Insights
 T: 08444 159000
 E: info@groundsure.com
 W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM COLLEGE, ROCHDALE SIXTH FORM COLLEGE, COLLEGE ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1979

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1979
Levelled 1962



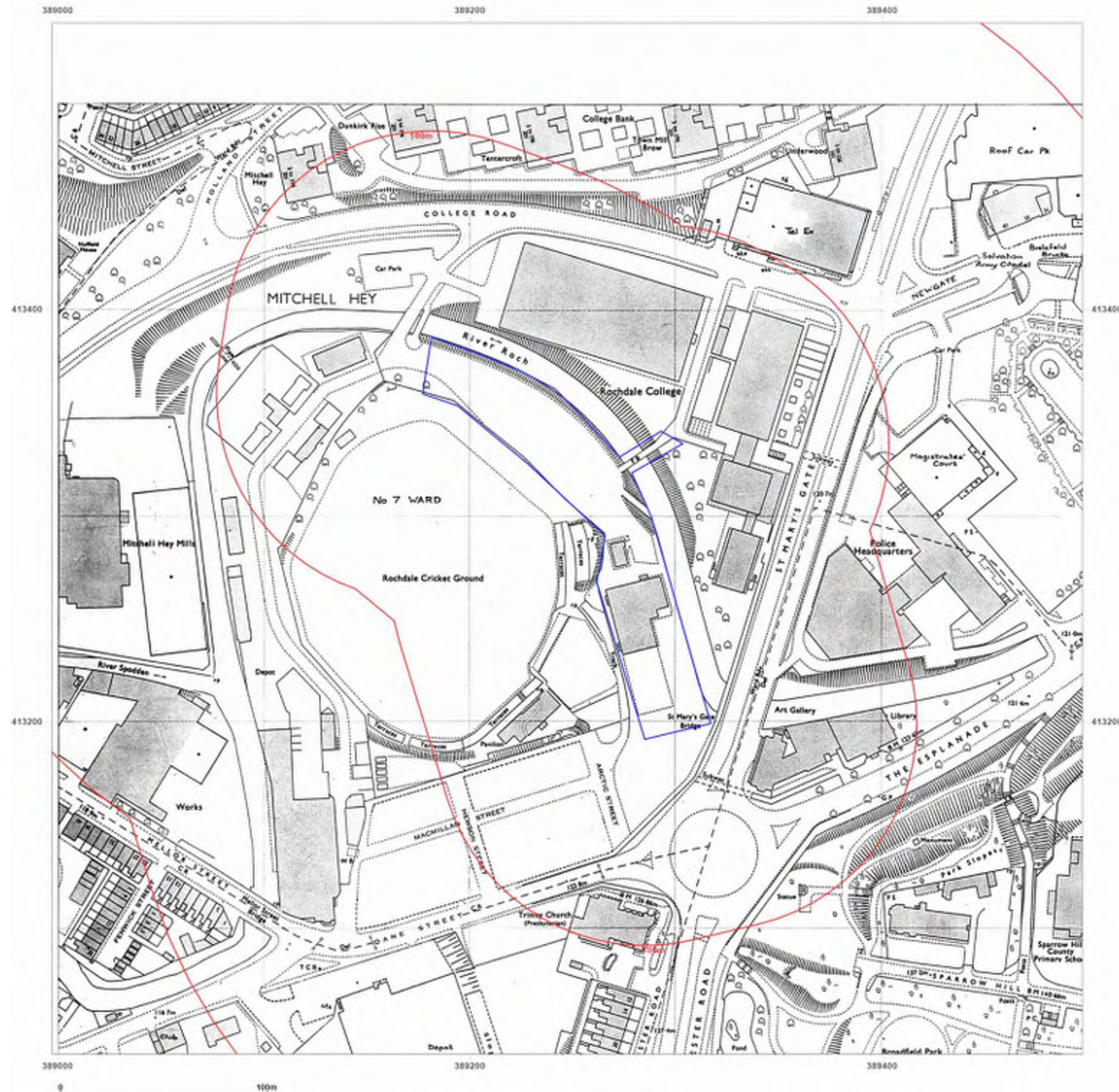
Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1985-1988

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1987
Levelled 1962

Surveyed 1962
Revised 1985
Edition N/A
Copyright 1985
Levelled 1962

Surveyed 1958
Revised 1985
Edition N/A
Copyright 1987
Levelled N/A

Surveyed 1962
Revised 1988
Edition N/A
Copyright 1988
Levelled 1962

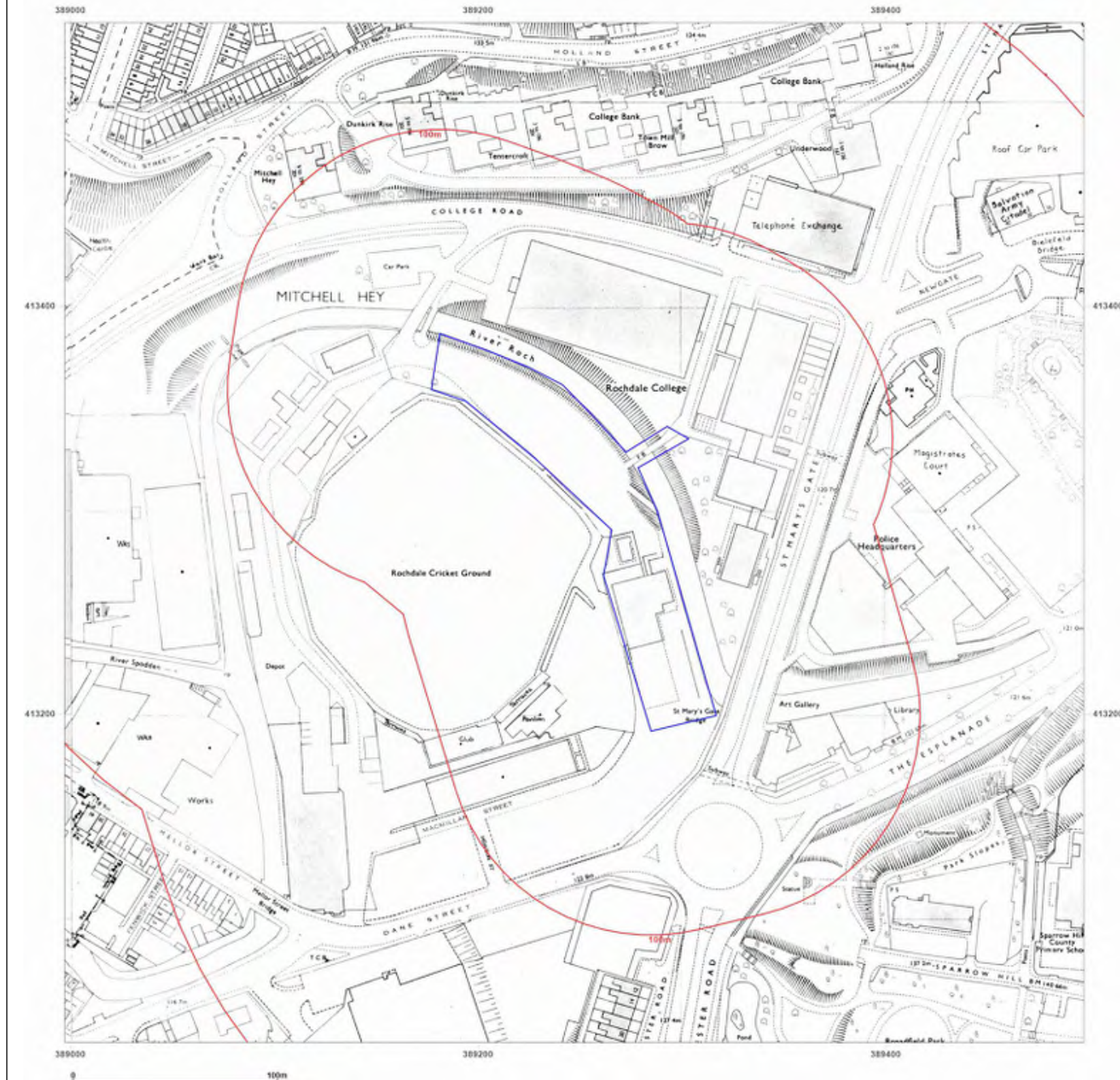


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1989-1992

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1959
Revised 1989
Edition N/A
Copyright 1989
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1990
Levelled 1962

Surveyed 1992
Revised N/A
Edition N/A
Copyright 1992
Levelled N/A

Surveyed 1992
Revised N/A
Edition N/A
Copyright 1992
Levelled N/A

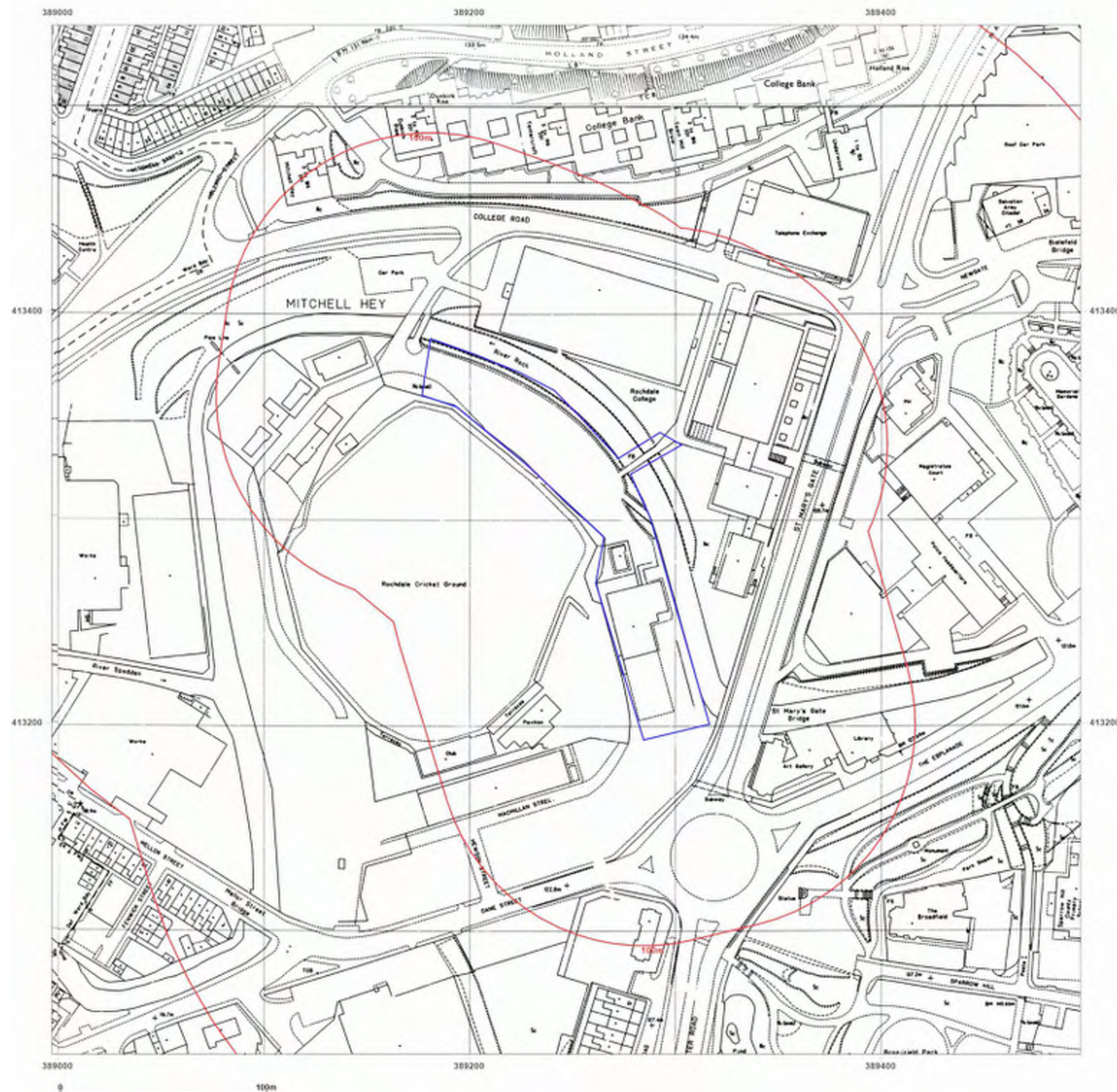


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

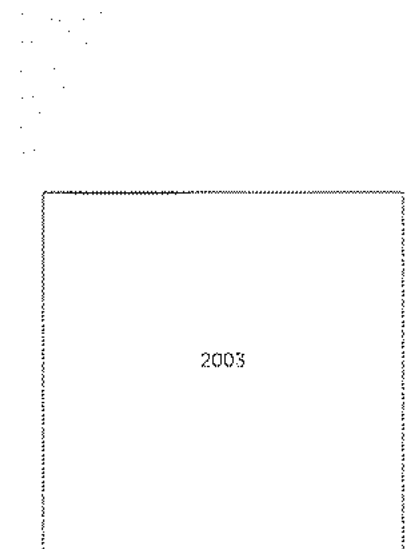
Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1851

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1848
Revised N/A
Edition 1851
Copyright N/A
Levelled N/A

Surveyed 1848
Revised N/A
Edition 1851
Copyright N/A
Levelled N/A

Surveyed 1847
Revised N/A
Edition 1851
Copyright N/A
Levelled N/A

Surveyed 1848
Revised N/A
Edition 1851
Copyright N/A
Levelled N/A

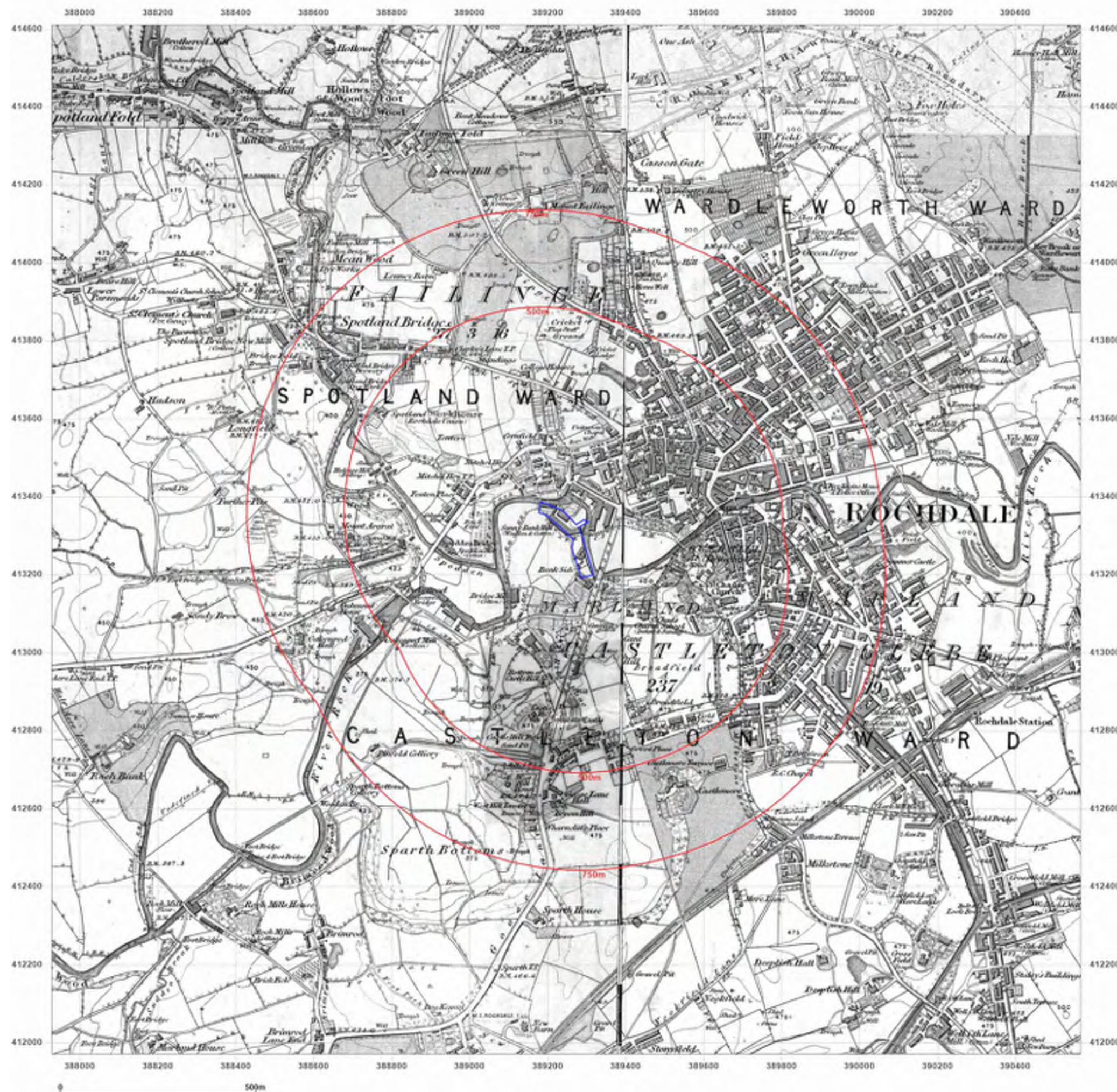


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1890-1891

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1890
Revised 1890
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1890
Revised 1890
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1891
Edition N/A
Copyright N/A
Levelled N/A

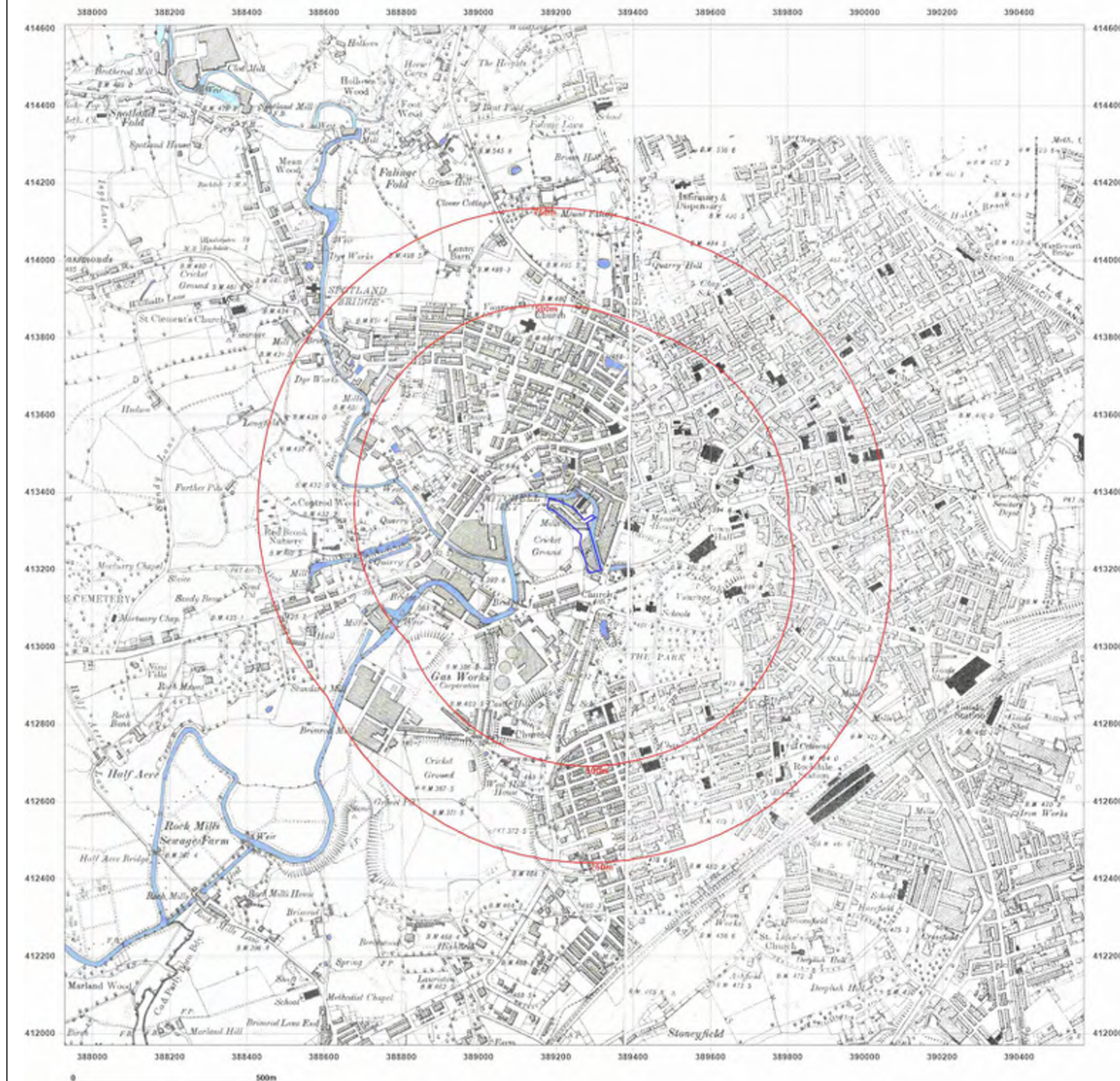


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1908-1909

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1848
Revised 1909
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

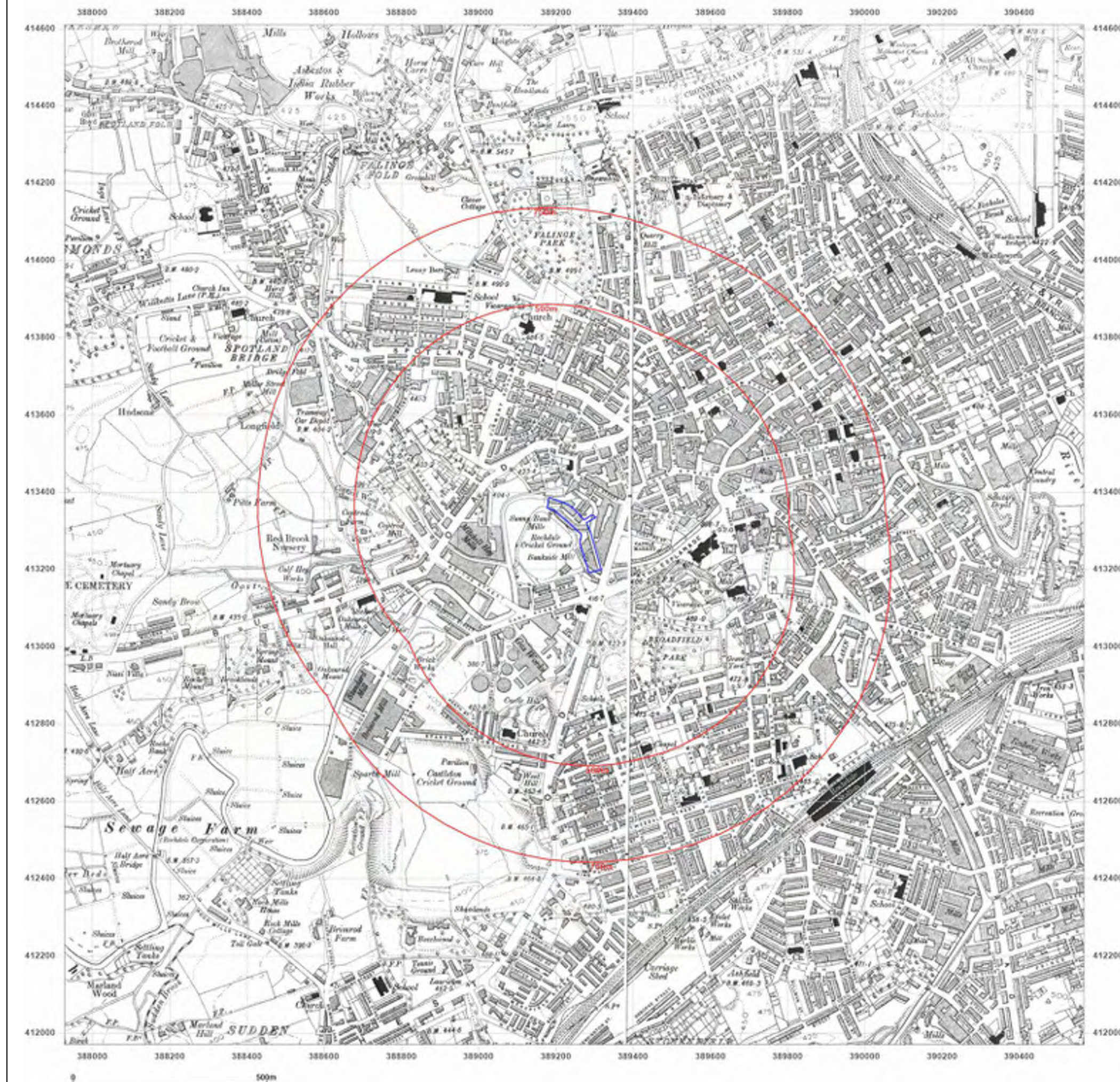


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1928

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1848
Revised 1928
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1928
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1928
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1928
Edition N/A
Copyright N/A
Levelled N/A

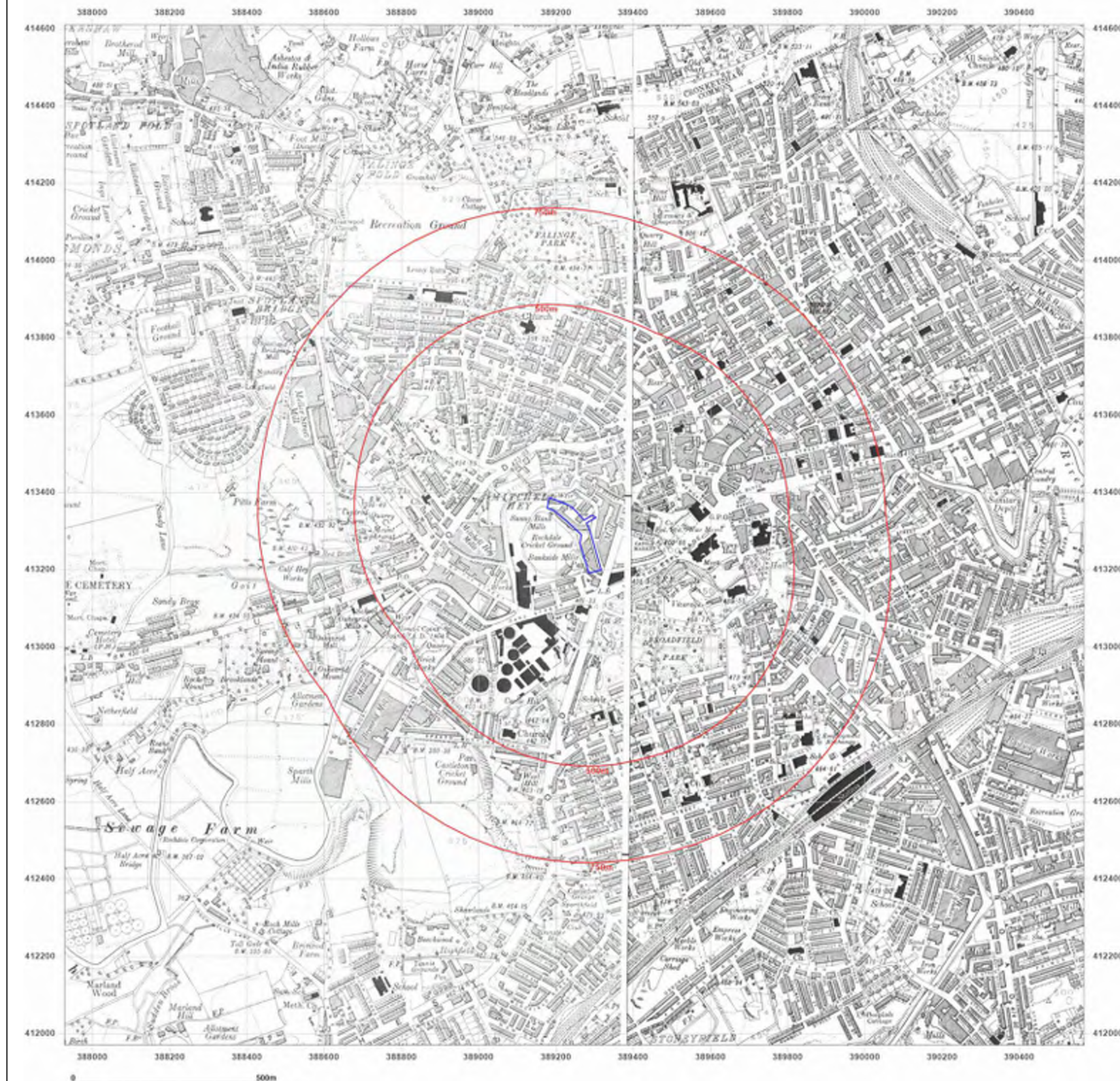


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: County Series

Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1848
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: Provisional

Map date: 1954-1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed N/A
Revised 1955
Edition 1956
Copyright N/A
Levelled N/A

Surveyed 1954
Revised 1954
Edition N/A
Copyright N/A
Levelled N/A



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: Provisional

Map date: 1967-1968

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1968
Revised 1968
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1967
Revised 1967
Edition N/A
Copyright N/A
Levelled N/A

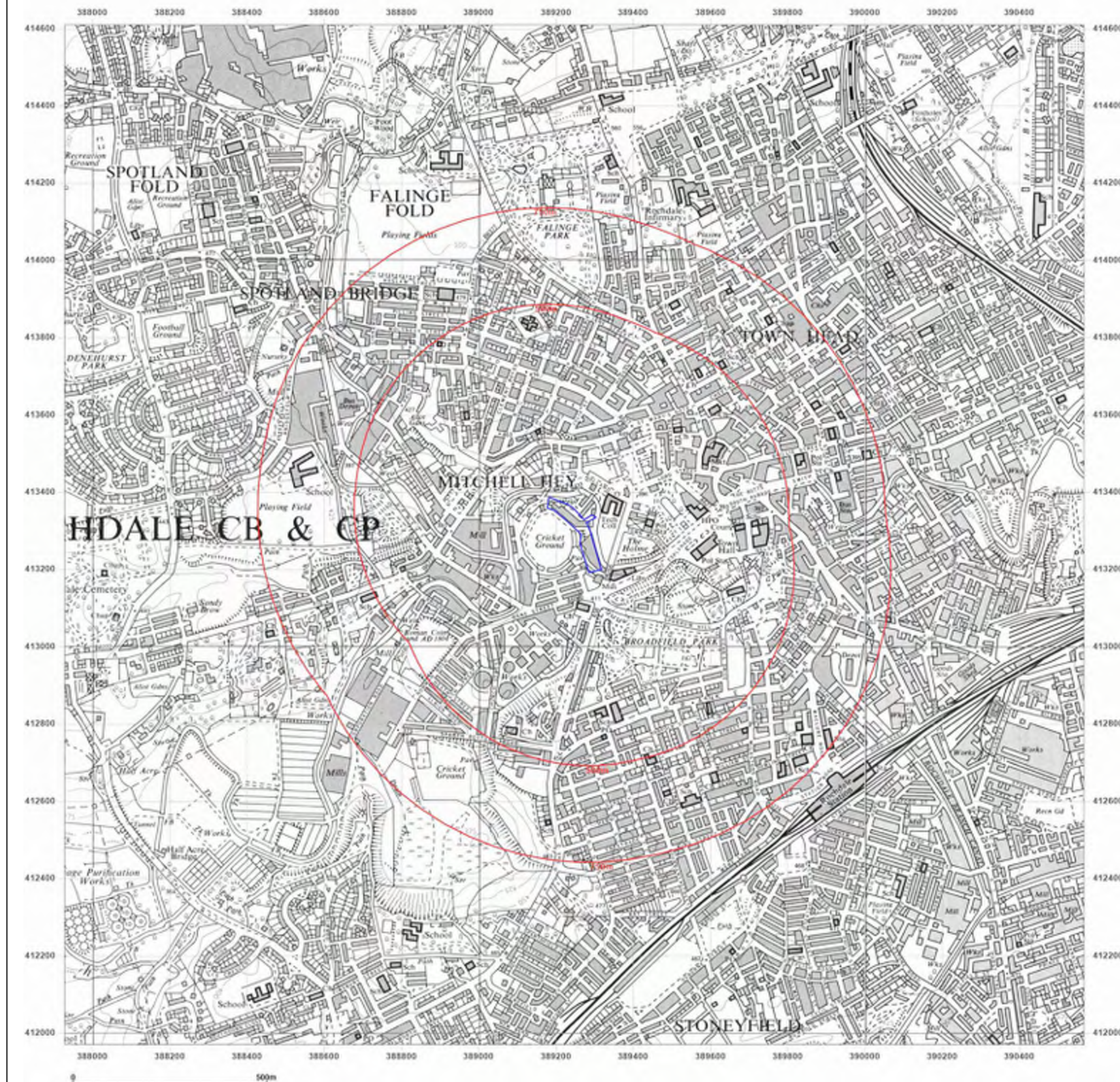


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1975-1976

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1974
Revised 1975
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1976
Revised 1976
Edition N/A
Copyright N/A
Levelled N/A

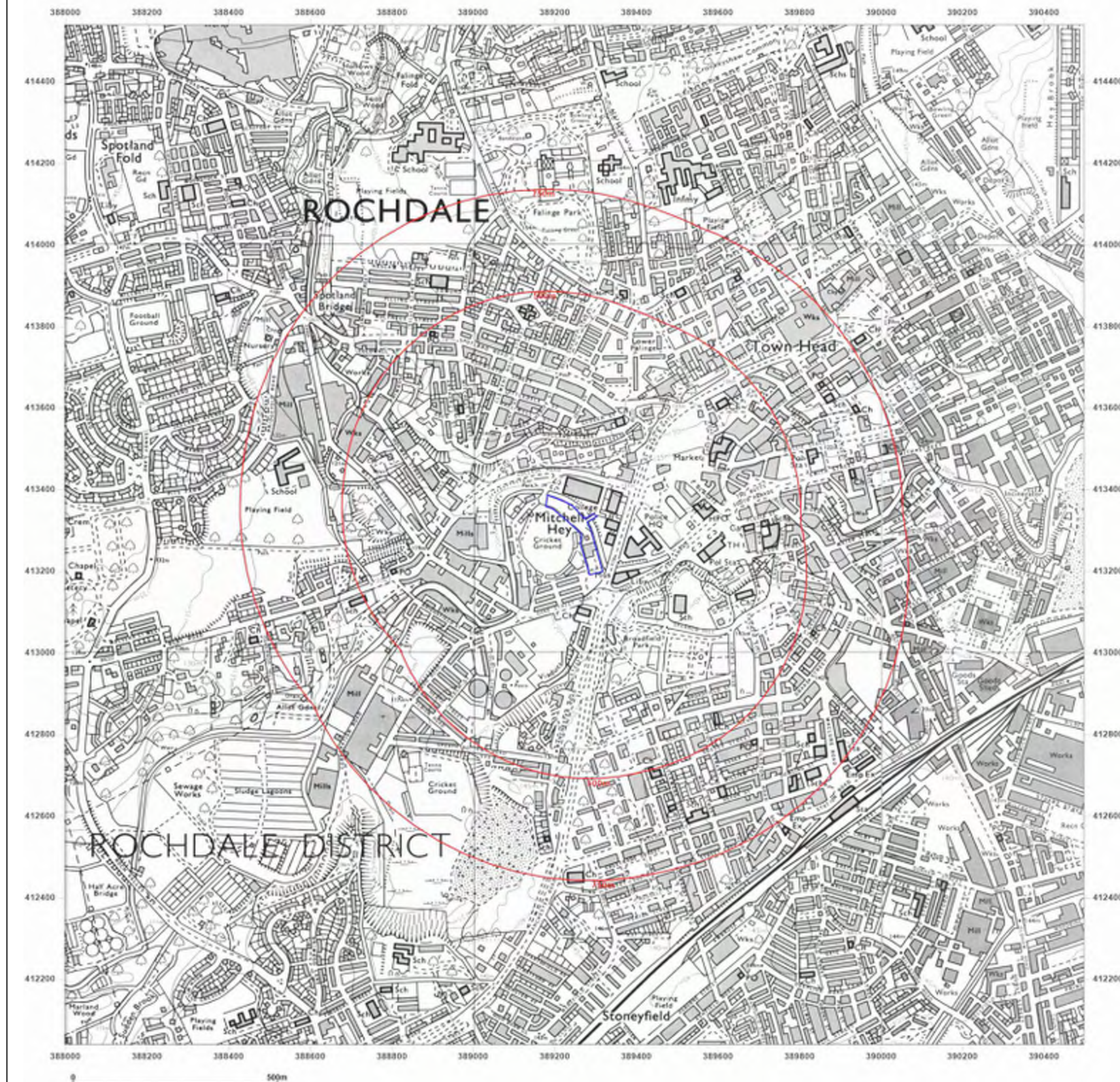


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1987

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1984
Revised 1987
Edition N/A
Copyright N/A
Levelled N/A

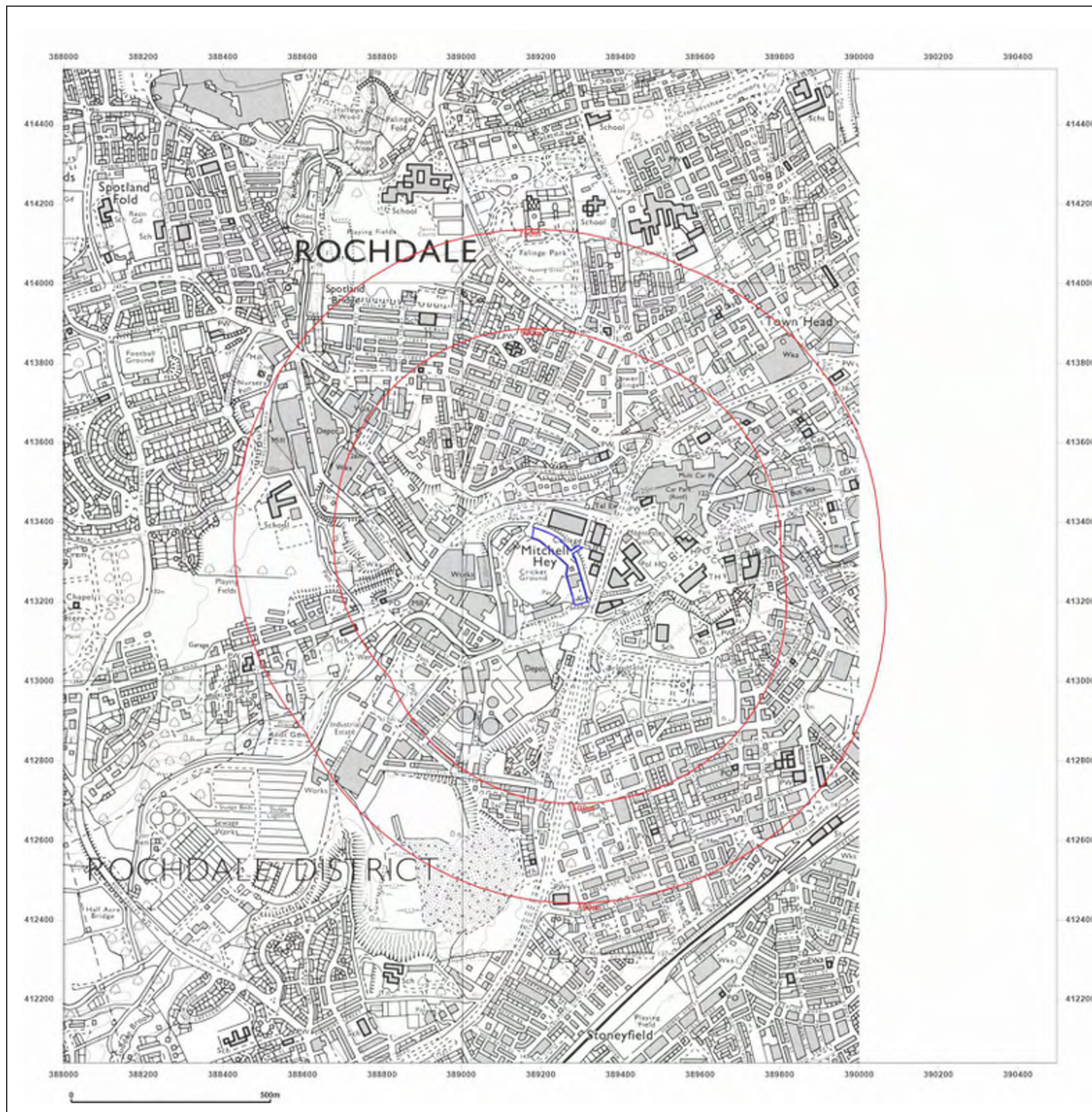


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 1992

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1984
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

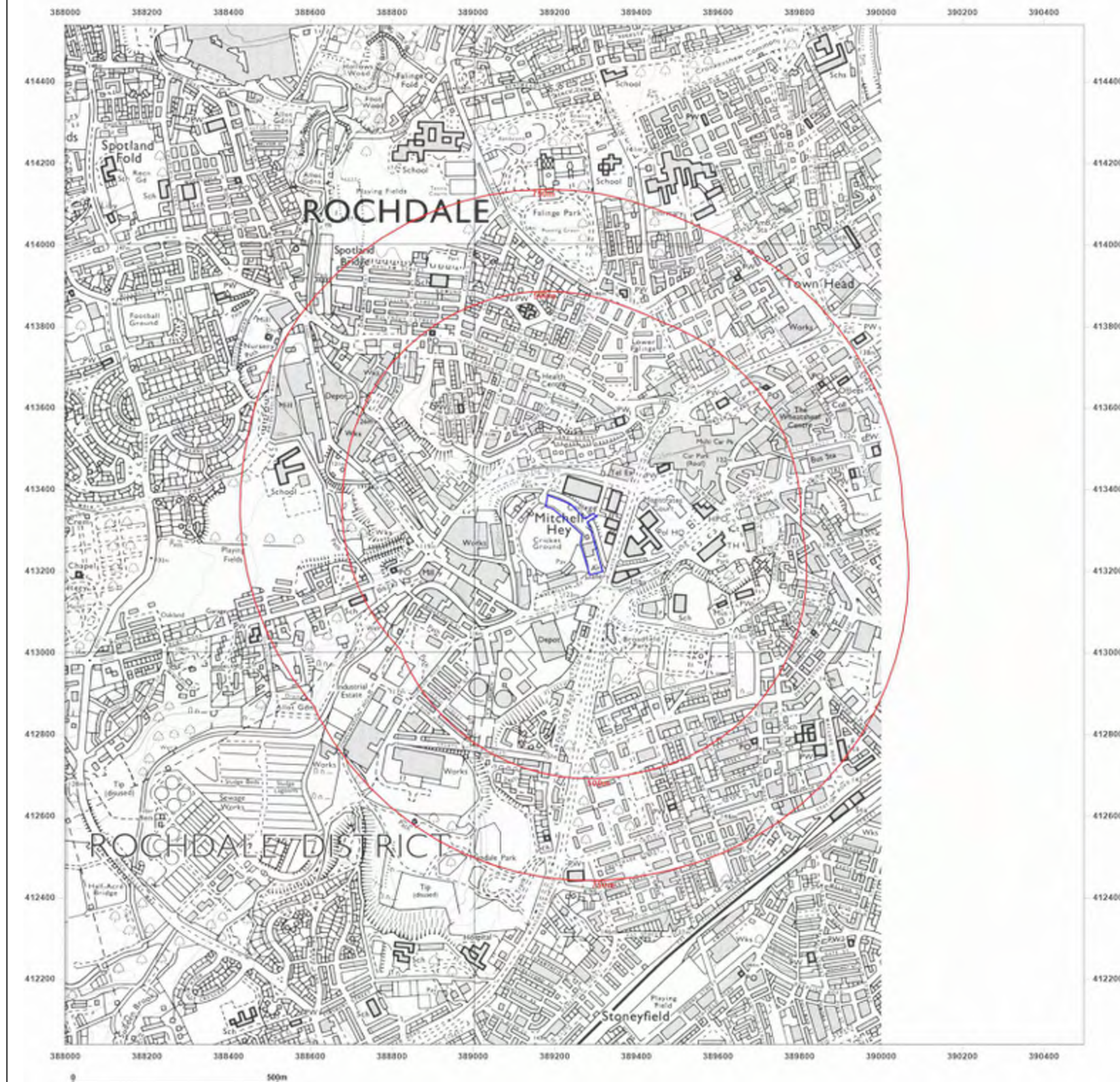


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



2001

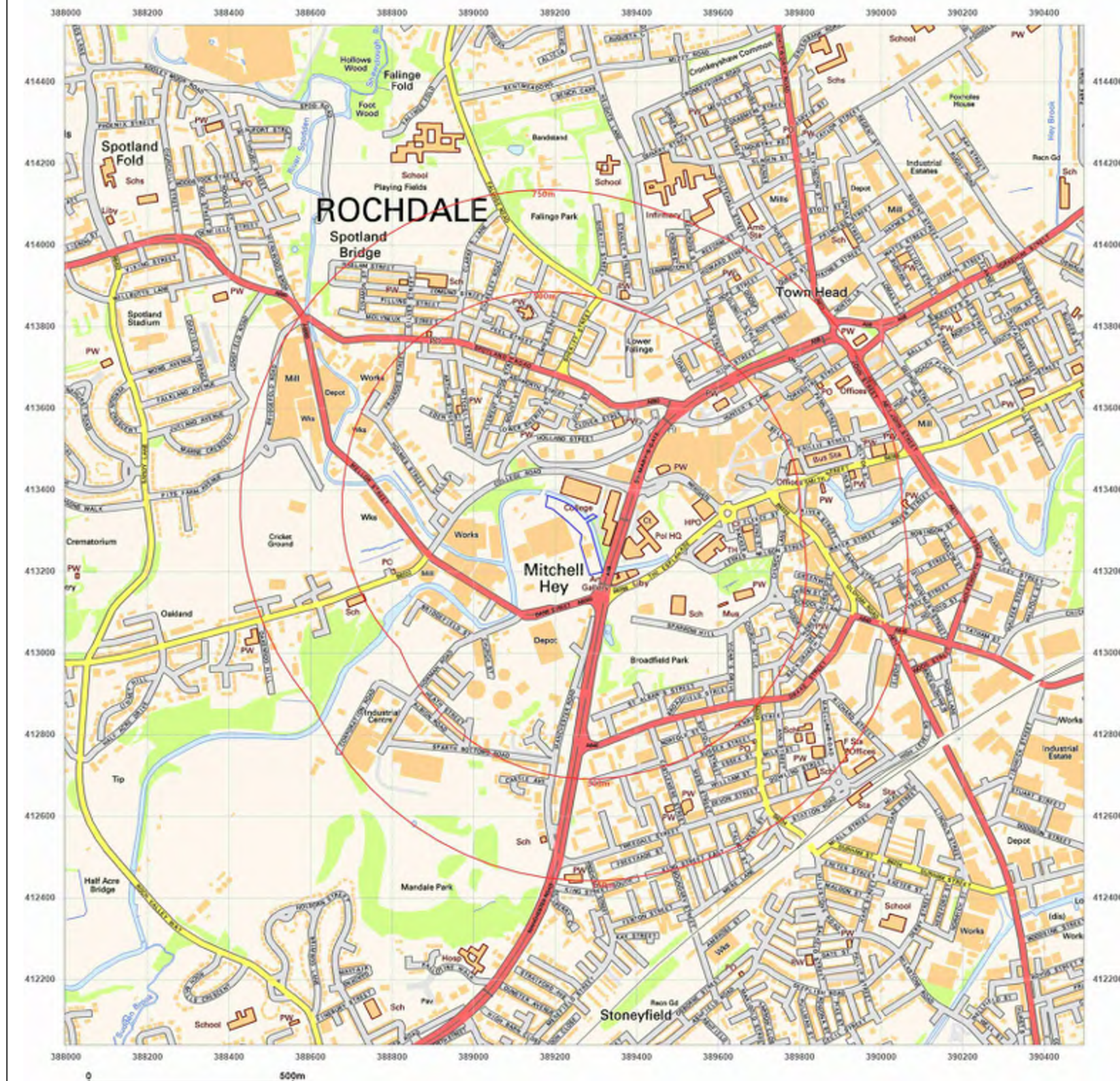


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



2010



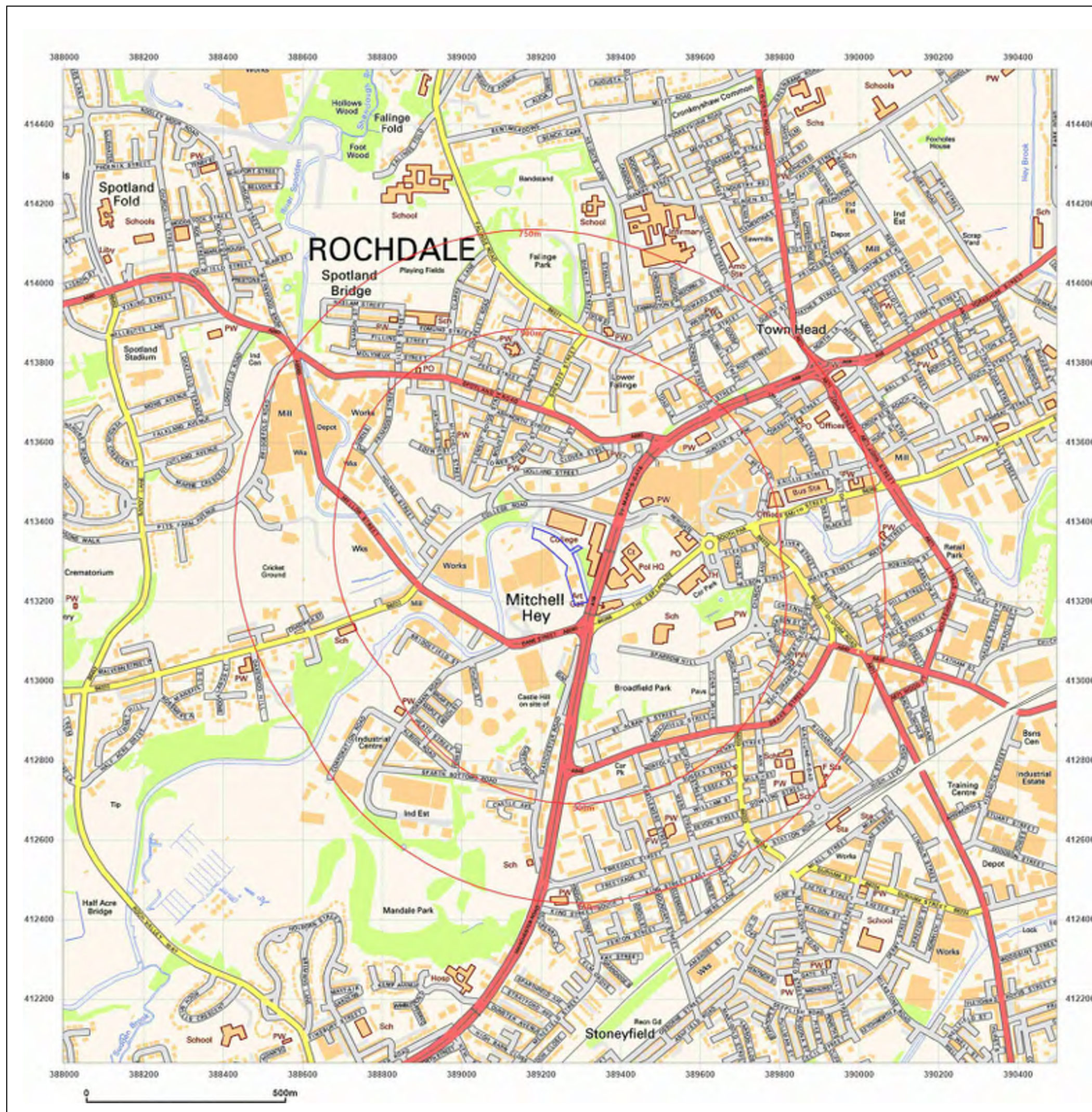
Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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





Site Details:

ROCHDALE SIXTH FORM
COLLEGE, ROCHDALE SIXTH
FORM COLLEGE, COLLEGE
ROAD, ROCHDALE, OL12 6HY

Client Ref: WIE19085-100_REQ116787
Report Ref: WTM1-8813131
Grid Ref: 389247, 413289

Map Name: National Grid

Map date: 2022

Scale: 1:10,000

Printed at: 1:10,000



2022

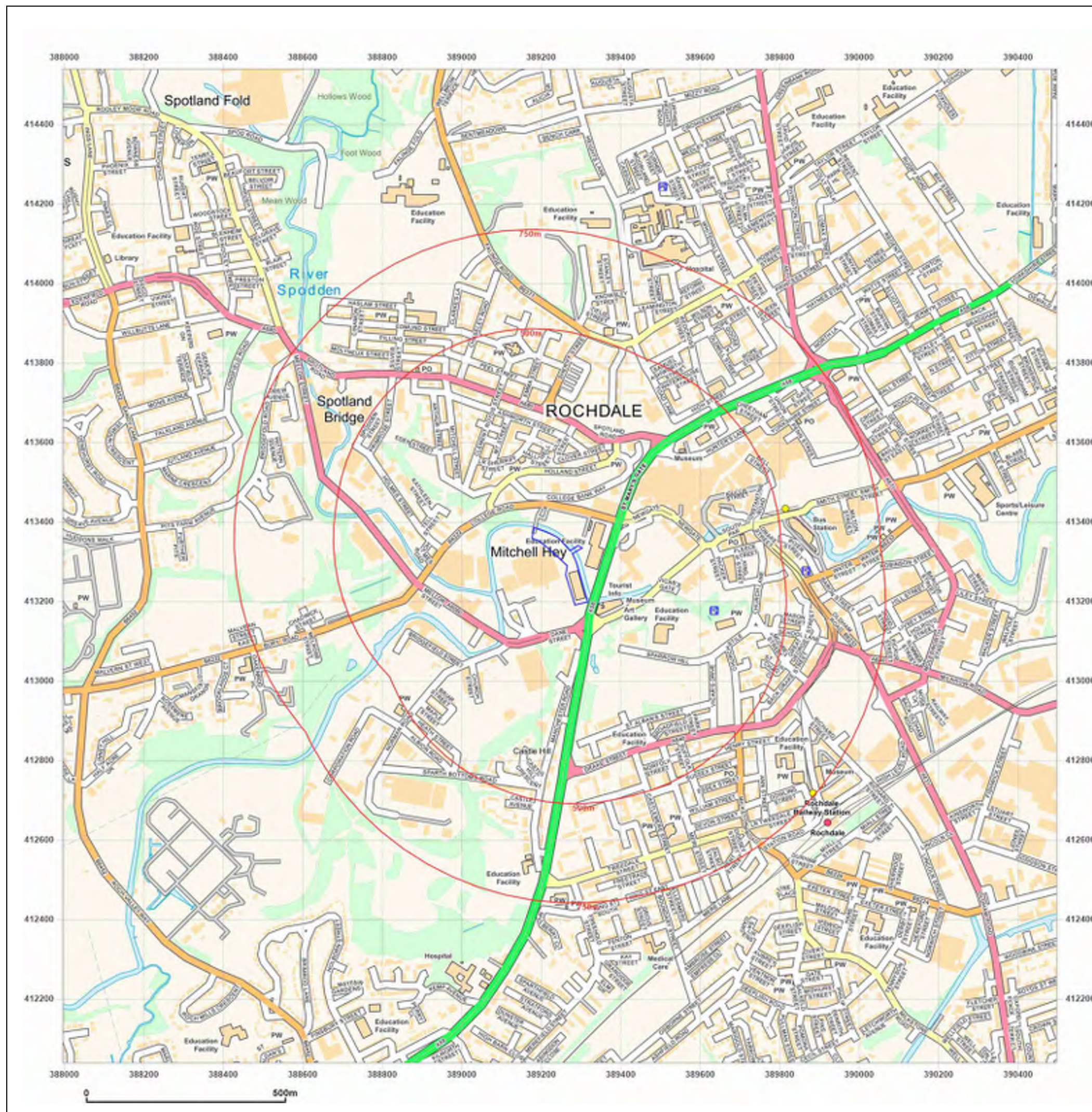


Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 10 June 2022

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



ROCHDALE SIXTH FORM COLLEGE, ROCHDALE SIXTH FORM COLLEGE, COLLEGE ROAD, ROCHDALE, OL12 6HY

Professional opinion

Inc. integrated mine entry interpretive assessment

Site plan



Search results



1. Past underground coal mining
Identified

page 5



2. Present underground coal mining
 Not identified



3. Future underground coal mining
 Not identified



4. Shafts and adits (mine entries)
 Not identified



5. Coal mining geology
 Not identified



6. Past opencast coal mining
 Not identified



7. Present opencast coal mining
 Not identified



8. Future opencast coal mining
 Not identified



9. Coal mining subsidence claims
 Not identified



10. Mine gas emissions
 Not identified



11. Emergency Call Out incidents
 Not identified



12. Withdrawal of support
 Not identified



13. Working facilities orders
 Not identified



14. Payments to copyhold owners
 Not identified



Cheshire Brine
 Not identified

Coal mining (CON29M) assessment

We consider there to be a potential risk to the property from past coal mining activity. For further details refer to: Past underground coal mining.



Coal mining

Past underground coal mining

Potential risk due to past underground coal mining has been identified within the boundary of the property. Whilst no further searches are required, it should be noted that in the event of coal mining settlement or subsidence occurring the property will benefit from the protection of the Coal Mining Subsidence Acts of 1991 and as amended 1994.

Next steps for consideration:

- A visual inspection of the property by a suitably qualified and experienced person may be of value in identifying any currently identifiable mining related settlement or subsidence effects.

Coal Mining Subsidence Act 1991

If any coal mining subsidence damage has occurred, as determined by the appropriate persons/bodies, the property will benefit from the protection of the Coal Mining Subsidence Acts of 1991 and as amended 1994.

This Act, however, does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester. In this instance it would be prudent to have the property visually inspected for signs of mining related settlement or subsidence by a suitably qualified and experienced person, who could be sought through <https://www.ricsfirms.com/>.

The Coal Authority provide a call out service on 01623 646 333 to take remedial action concerning the movement or collapse of any coal entries or coal mining surface hazards. Further details can be found on www.groundstability.com.

CON29M reports are a requirement for conveyancing and are recommended throughout the official Coal Mining Reporting Area. This is the area within which it is deemed prudent to clarify the risk presented by coal mining, using the questions laid out in the Law Society's CON29M form. The need for a CON29M does not always translate to an identification of risk, and reports will often be assessed as free from risk or 'Passed' even though they are within the official Coal Mining Reporting Area.

Development risk

In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore if development proposals are being considered, technical advice relating both to the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the

Coal Authority.

Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.



Coal mining (CON29M)



- Site Outline
- Search buffers in metres (m)
- Mine entries
 - Adits
 - Shafts
 - Calculated 'zone of influence'
- Subsidence claims
 - Awaiting decision
 - Rejected
 - Admitted
 - Deferred
 - Settled
 - Withdrawn
- Probable shallow coal mine workings
- Coal outcrops
- Past shallow coal mine workings

Coal mining (CON29M)

The map above shows relevant, mappable hazards identified that could constitute a risk to the property. It does not necessarily show all features or potential issues identified in this report. Further details of any features shown indicating the location of Mine Entries or Subsidence Claims can be found in the relevant sections of this report (4 and 9 respectively).

Responses to the Law Society CON29M Coal Mining search enquiries are produced using official Coal Authority data and the expert interpretation of Groundsure. This report is prepared in accordance with The Law Society CON29M (2018) Guidance Notes. Additional interpretation and calculation of mine entry zones of influence has also been carried out by Groundsure using Coal Authority and British Geological Survey data.

Please read this report carefully, and in particular any sections flagged with an amber 'i'.



The Law Society

These enquiries are The Law Society CON29M (2018) Coal Mining search enquiries and are used with permission of The Law Society. The Law Society CON29M Coal Mining search enquiries are protected by copyright owned by The Law Society of 113 Chancery Lane, London WC2A 1PL. The Law Society has no responsibility for information provided in response to CON29M (2018) Coal Mining search enquiries within this report or otherwise.

1. Past underground coal mining



Is the property within the zone of likely physical influence on the surface of past underground coal workings?

- The property does not lie within the potential zone of influence of any recorded underground coal workings.
- The property is indicated to lie in an area where coal deposits have been worked at shallow depth in the past but for which no plan exists.

2. Present underground coal mining



Is the property within the zone of likely physical influence on the surface of present underground coal workings?

- The property does not lie within the boundary of an underground site from which coal is being removed by underground methods.

3. Future underground coal mining



(a) Is the property within any geographical area for which the Coal Authority is determining whether to grant a licence to remove coal by underground methods?

- The property does not lie within the boundary of an underground site for which the Coal Authority is determining whether to grant a licence to remove coal by underground methods.

(b) Is the property within any geographical area for which a licence to remove coal by underground methods has been granted?

- The property does not lie within the boundary of an underground site for which a licence to remove coal by underground methods has been granted.

(c) Is the property within the zone of likely physical influence on the surface of planned future underground coal workings?

- The property does not lie within the zone of likely physical influence on the surface of planned future underground workings.

(d) Has any notice of proposals relating to underground coal mining operations been given under section 46 of the Coal Mining Subsidence Act 1991?

- No notices have been given under Section 46 of the Coal Mining Subsidence Act 1991 stating that the land is at risk of subsidence.

4. Shafts and adits (mine entries)



Are there any shafts and adits or other entries to underground coal mine workings within the property or within 20 metres of the boundary of the property?

- No coal mine entries are recorded to lie within 20 metres of the property.

5. Coal mining geology



Is there any record of any fault or other line of weakness due to coal mining at the surface within the boundary of the property that has made the property unstable?

- No damage arising from geological faults or other lines of weakness activated by coal mining are recorded within the property.

6. Past opencast coal mining



Is the property situated within the geographical boundary of an opencast site from which coal has been removed in the past by opencast methods?

- The property does not lie within the boundary of an opencast site from which coal was removed by opencast methods.

7. Present opencast coal mining



Is the property within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods?

- The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.



8. Future opencast coal mining



(a) Is the property within 800 metres of the boundary of an opencast site for which the Coal Authority are determining whether to grant a licence to remove coal by opencast methods?

- **The property does not lie within 800 metres of the boundary of an opencast site for which the Coal Authority are determining whether to grant a licence to remove coal by opencast methods.**

(b) Is the property within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted?

- **The property does not lie within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.**

9. Coal mining subsidence claims



(a) Has any damage notice or claim for alleged coal mining subsidence damage to the property been given, made or pursued since 31st October 1994?

- **We have no evidence of a damage notice or subsidence claim for the property or within 50m of the property since 31st October 1994.**

(b) In respect of any such notice or claim has the responsible person given notice agreeing that there is a remedial obligation or otherwise accepted that a claim would lie against them?

- **Not applicable.**

(c) In respect of any such notice or acceptance has the remedial obligation or claim been discharged?

- **Not applicable.**

(d) Does any current "Stop Notice" delaying the start of remedial works or repairs affect the property?

- **There are no current Stop Notices delaying the start of remedial works or repairs to the property.**

(e) Has any request been made under Section 33 of the 1991 Act to execute preventive works before coal is worked, which would prevent the occurrence or reduce the extent of subsidence damage to any buildings, structures or works and, if yes, has any person withheld consent or failed to comply with any such request to execute preventive works?

- **There is no record of a request that has been made to carry out preventive works before coal is worked under Section 33 of the Coal Mining Subsidence Act 1991.**

NB. Records of damage notices or subsidence claims before 31st October 1994 are excluded from The Coal Authority data from which this search is compiled.

10. Mine gas emissions



Does the Coal Authority have record of any mine gas emission within the boundary of the property being reported that subsequently required action by the Authority to mitigate the effects of the mine gas emission?

- No mine gas emissions are recorded within the boundary of the property.

11. Emergency Surface Hazard Call Out incidents



Have the Coal Authority carried out any work on or within the boundaries of the property following a report of an alleged hazard related to coal mining under the Authority's Emergency Surface Hazard Call Out procedures?

- No Emergency Surface Hazard Call Out procedures are recorded against the property.

12. Withdrawal of support



(a) Does the land lie within a geographical area in respect of which a notice of entitlement to withdraw support has been published?

- The property does not lie in an area where the right to withdraw support has been granted.

(b) Does the land lie within a geographical area in respect of which a revocation notice has been given under section 41 of the Coal Industry Act 1994?

- The property does not lie within a geographical area in which a revocation notice has been given under section 41 of the Coal Industry Act 1994.

13. Working facilities orders



Is the property within a geographical area subject to an order in respect of the working of coal under the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof?

- The property is not in an area where a court order has been issued.

14. Payments to owners of former copyhold land



(a) Has any relevant notice, which may affect the property, been given?

- The property does not lie within former copyholder land.

(b) If yes, has any notice of retained interests in coal and coal mines been given?

- **No notices of retained interests in coal and coal mines been given.**

(c) If yes, has any acceptance notice or rejection notice been served?

- **No acceptance or rejection notices have been served.**

(d) If any such acceptance notice has been served, has any compensation been paid to a claimant?

- **No compensation has been paid to a claimant.**

CON29M notes and guidance

This report is prepared in accordance with The Law Society Guidance Notes 2018; under which all replies to these enquiries are made. Groundsure's Terms and Conditions are applicable at the time the report was produced.

Property owners have the benefit of statutory protection (under the Coal Mining Subsidence Act 1991). This contains provision for the making good, to the reasonable satisfaction of the owner, of physical damage from disused coal mine workings including disused coal mine entries. A leaflet setting out the rights and obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by telephoning 0345 762 6848. Further information can be found on their website:

www.groundstability.com.

The Coal Authority, regardless of responsibility and in conjunction with other public bodies, provide an emergency call out facility in coalfield areas to assess the public safety implications of mining features (including disused mine entries).

The Coal Authority emergency telephone number at all times is 01623 646333.

Responses to The Law Society CON29M (2018) Coal Mining Search enquiries and associated findings and recommendations relating to coal mining risk have been provided by Groundsure Ltd. Groundsure Ltd have additionally provided information relating to the Cheshire Brine Compensation Area, and have compiled all information into this report.

Queries should be made of Groundsure Ltd on 0844 415 9000, or via email: info@groundsure.com.

CON29M report limitations

This CON29M (2018) Coal Mining Report has been carried out with reference to all available official Coal Authority licensed data, an extensive collection of abandoned mine plans, maps and records. From this material, we have endeavoured to provide as accurate a report as possible. Any and all analysis and interpretation of licensed Coal Authority data in this report is made by Groundsure

The information provided in this report by Groundsure Ltd has been compiled in response to The Law Society CON29M (2018) Coal Mining search enquiries. The scope of the assessment is limited to interpretation of past, present and future extraction of coal, and does not consider the impact from non-coal mining hazards and/or natural ground stability hazards. The Law Society's Guidance Notes 2018 recommends separate enquiries to the appropriate sources are made with regard to other minerals.

The Report is created by a remote investigation and reviews only information provided by the client (address and site location boundaries) and from the databases of publicly available and/or licensable information that enable a desk-based assessment of the Site. The Report does not include a Site Investigation, nor does Groundsure Ltd make additional specific information requests of the regulatory authorities for any relevant information they may hold.

This report is concerned solely with the Site searched and should not be used in connection with nearby properties, as only known coal mining features that could potentially have a direct influence upon the Site searched are considered relevant; other features present in the general area may have been omitted for ease of reference.

This report is confidential to the client, the client's legal advisor and the client's Mortgage lender, as defined in the Groundsure terms & conditions, and as such may be used by them for conveyancing or related purposes. Groundsure has no liability toward any person or organisation not party to commissioning this report. This report or any part of it is not permitted to be reproduced, copied, altered or in any other way distributed by any other person or organisation.

Additional mine entry assessment is based on and limited to the data supplied by the Coal Authority at the time of production. In order to determine whether a property is within the likely zone of influence of a disused coal mine entry the following is considered: the actual or plotted position of the mine entry, its known or assumed diameter and the thickness of superficial deposits above rockhead. Where these figures are not known, assumptions based on established estimations have been made.

CON29M report licensing

This report contains Data provided by the Coal Authority. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure Ltd prior to any re-use.

The Law Society CON29M Coal Mining search enquiries are protected by copyright owned by The Law Society of 113 Chancery Lane, London WC2A 1PL.

© Crown Copyright (2022) Ordnance Survey Licence Number 0100035207. May contain British Geological Survey materials © NERC (2022).

This report may contain public sector information licensed under the Open Government Licence v3.0.

This report may contain plans and records held by the Coal Authority and made publicly available at the time of inspection which may include British Geological Survey and Ordnance Survey data.

Conveyancing Information Executive and our terms & conditions

IMPORTANT CONSUMER PROTECTION INFORMATION

This search has been produced by Groundsure Ltd, Sovereign House, Church Street, Brighton, BN1 1UJ. Tel: 08444 159 000. Email: info@groundsure.com. Groundsure adheres to the Conveyancing Information Executive Standards.

The Standards

- Conveyancing Information Executive Members shall act in a professional and honest manner at all times in line with the Conveyancing Information Executive Standards and carry out the delivery of the Search with integrity and due care and skill.
- Compliance with the Conveyancing Information Executive Standards will be a condition within the Conveyancing Information Executive Member's Terms and Conditions.
- Conveyancing Information Executive Members will promote the benefits of and deliver the Search to the agreed standards and in the best interests of the customer and associated parties.

Complaints Advice

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure.

If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Standards.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs.

COMPLAINTS PROCEDURE: If you want to make a complaint, we will:

- acknowledge it within 5 working days of receipt
- normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Operations Director, Groundsure Ltd, Sovereign House, Church Street, Brighton, BN1 1UJ. Tel: 08444 159 000. Email: info@groundsure.com If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk We will co-operate fully with the Ombudsman during an investigation and comply with their final decision.

Groundsure's Terms and Conditions can be viewed online at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>

Important consumer protection information

All of the advice and reports that Groundsure produces are covered by a comprehensive Remediation Contribution policy to ensure customers are protected, see <https://www.groundsure.com/remediation> for full details.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information in your report. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

Coal Mining Report Insurance Policy



Coal Mining Report Insurance Policy

The Schedule

Policy Number: The Reference contained in the **Coal Mining Search Report**

Premium: £1.40 inclusive of Insurance Premium Tax at 12%

Property: The property which is the subject of the **Coal Mining Search Report**

Limit of Indemnity: £100,000 increasing by 10% compound per annum on each anniversary of and for the first 10 years following the **Commencement Date**

Commencement Date: The date of the **Coal Mining Search Report**

You/Your:

1. A purchaser of the **Property**
2. A lender providing a **Mortgage** in connection with a purchase of the **Property**
3. A lender providing a **Mortgage** by way of a re-mortgage of the **Property**

Definitions

Where a word is defined below or in the schedule it shall carry the same meaning wherever it appears in bold text in this policy

Insured Use: The continued use of the **Property** as a single house or flat or a single commercial premises

Market Value: The value as determined by a surveyor appointed by agreement between **You** and **Us** or (in default of agreement) the President for the time being of the Royal Institution of Chartered Surveyors

Mortgage: A mortgage or charge secured on the **Property** by an institutional mortgage lender

Coal Mining Search Report: The coal mining search report attached to this policy

Search: An official search comprising a search in form CON29M (2018) being mining searches relating to coal and brine in the area in which the **Property** is situated

We/Our/Us:

Zurich Insurance plc. A public limited company incorporated in Ireland. Registration No. 13460. Registered Office: Zurich House, Ballsbridge Park, Dublin 4, Ireland. UK Branch registered in England and Wales Registration No. BR7985. UK Branch Head Office: The Zurich Centre, 3000 Parkway, Whiteley, Fareham, Hampshire PO15 7JZ.

Zurich Insurance plc is authorised by the Central Bank of Ireland and authorised and subject to limited regulation by the Financial Conduct Authority. Details about the extent of our authorisation by the Financial Conduct Authority are available from us on request. Our FCA Firm Reference Number is 203093.

Communications may be monitored or recorded to improve our service and for security and regulatory purposes.

© Copyright – Zurich Insurance plc 2018. All rights reserved. Reproduction, adaptation, or translation without prior written permission is prohibited except as allowed under copyright laws.

Your Policy

This is a legal document and should be kept in a safe place.

This policy is an agreement between **You** and **Us** and cover is provided subject to the payment of the **Premium**.

You must read this policy and its conditions, exclusions, schedule and any endorsements as one contract. Please read all of them to make sure that they provide the cover **You** require. If they do not, please contact **Us** or **Your** insurance adviser who arranged the policy for **You**.

When **You** take out and make changes to the cover provided by this policy, **You** must take reasonable care to ensure that **You** accurately answer any questions which **We** ask of **You** and that any information **You** give **Us** is accurate. If **You** are taking out this policy for purposes which are mainly related to **Your** trade, business or profession, **You** must also let **Us** know about all facts which are material to **Our** decision to provide **You** with insurance. Failure to meet these obligations could result in this policy being invalidated, a claim not being paid, or an additional premium being charged.

Fair presentation of the risk

a) At inception of this policy and also whenever changes are made to it at **Your** request **You** must:

- i) where **You** have taken out this policy for purposes which are wholly or mainly related to **Your** trade, business or profession, disclose to **Us** all material facts in a clear and accessible manner and not misrepresent any material facts, and
- ii) where **You** have taken out this policy for purposes which are wholly or mainly unrelated to **Your** trade, business or profession, take reasonable care not to misrepresent any material facts.

b) If **You** do not comply with clause a) of this condition **We** may:

- i) avoid this policy which means that **We** will treat it as if it had never existed and refuse all claims where any non-disclosure or misrepresentation by **You** is proven by **Us** to be deliberate or reckless in which case **We** will not return the premium paid by **You**; and
- ii) recover from **You** any amount **We** have already paid for any claims including costs or expenses **We** have incurred.

c) If **You** do not comply with clause a) of this condition and the non-disclosure or misrepresentation is not deliberate or reckless this policy may be affected in one or more of the following ways depending on what **We** would have done if **We** had known about the facts which **You** failed to disclose or misrepresented:

- i) if **We** would not have provided **You** with any cover **We** will have the option to:
 1. avoid the policy which means that **We** will treat it as if it had never existed and repay the premium paid; and
 2. recover from **You** any amount **We** have already paid for any claims including costs or expenses **We** have incurred
- ii) if **We** would have applied different terms to the cover **We** will have the option to treat this policy as if those different terms apply. **We** may recover any payments made by **Us** on claims which have already been paid to the extent that such claims would not have been payable had such additional terms been applied
- iii) if **We** would have charged **You** a higher premium for providing the cover **We** will charge **You** the additional premium which **You** must pay in full.

d) If any insured person, other than **You**, is responsible for a misrepresentation or failure to make a fair presentation of the risk, **We** will invoke the remedies available to **Us** under this condition as against that particular person as if a separate insurance contract had been issued to them leaving the remainder of the policy unaffected.

NB: For the purposes of the duty of disclosure stated in paragraphs a) i) and ii) above the content of the **Coal Mining Search Report** will be deemed to satisfy **Your** disclosure obligations.

Cover

1. **You** are in the process of purchasing the **Property** relying on the **Coal Mining Search Report** and/or
2. **You** (being a lender) have agreed to provide a **Mortgage** in connection with **Your** borrower's purchase or re-mortgage of the **Property** relying on the **Coal Mining Search Report**.

We will pay the following losses sustained by **You** arising out of the **Property** being affected by any matter which would have been revealed by a **Search** had one been carried out on the date of the **Coal Mining Search Report** but which was not revealed by the **Coal Mining Search Report**:

1. any reduction in **Market Value** of the **Property** calculated at the date **You** become aware of the matter(s) and/or loss in connection with a **Mortgage** as a result of such reduction.
2. all other costs and expenses including out of court settlement costs incurred by **Us** or by **You** with **Our** prior written agreement.

Waiver of Breach of Policy Condition

We will not exercise **Our** right to avoid **Our** liability to **You** in respect of loss where **You** have inadvertently breached any term or condition of the policy provided that such breach does not prejudice **Our** rights and remedies under the policy or otherwise directly or indirectly result in or increase the amount of any loss.

Protection for Mortgagees and Successors in Title

We will not avoid **Our** liability to make a payment to **You** solely because another person breaches the terms and conditions of this policy, provided such breach was not committed on **Your** behalf or with **Your** agreement, and **We** will invoke the remedies available to **Us** under the Policy as against that other person as if a separate insurance contract had been issued to them leaving the remainder of the policy unaffected.

Joint Insured

Any party insured under this policy standing in the relation of parent company, subsidiary company, associated company, branch office or joint venture partner to each other will be deemed to be joint insured for the purposes of this policy and jointly liable and responsible for any breach of any terms and conditions of this policy. If there is any inconsistency between this clause and any other term of this policy, this clause shall prevail.

Exclusions

We will not pay for any:

1. amount in excess of the **Limit of Indemnity**.
2. loss which would be recoverable under a household buildings insurance policy.
3. loss arising from any matter that **You** were aware of at the **Commencement Date**.
4. loss if the **Property** is used for any purpose other than the **Insured Use**.

Claims Conditions and How to Claim

1. **You** must:

- i) give **Us** written notice as soon as possible of any potential or actual claim or any circumstances likely to result in a claim. Please provide the policy number, **Your** name, the full address of the **Property** and a brief description of the incident that has occurred. Notifications should be sent to: Speciality Lines Claims Team, Zurich Insurance, 8th Floor, 70 Mark Lane, London, EC3R 7NQ. Email: claims@uk.zurich.com, Enquiry line: telephone 0207 648 3523
- ii) pass all court documents and/or other communications to **Us** as soon as possible after receipt
- iii) not deal with, make any admission of liability or attempt to settle a claim without **Our** prior written agreement.
- iv) agree to and carry out at **Our** expense all things necessary to minimise any loss.
- v) provide all information and assistance that **We** may require to help defend and settle the claim.

2. **We** are entitled to:

- i) decide how to settle or defend a claim and may carry out proceedings in the name of any person insured under this policy, including proceedings for recovering any claim.
- ii) pay to **You** at any time, an amount equal to the **Limit of Indemnity** or any lower amount for which the claim can be settled, after deduction of any sum already paid. **We** may then give up control of and have no further liability in connection with the claim.

3. If **We** admit liability for a claim but there is a dispute as to the amount to be paid the dispute will be referred to an arbitrator. The arbitrator will be appointed jointly by **You** and **Us** in accordance with the law at the time. **You** may not take any legal action against **Us** over the dispute before the arbitrator has reached a decision.

4. If **You** or anyone acting on Your behalf:

- a) makes a fraudulent or exaggerated claim under this policy; or
- b) uses fraudulent means or devices including the submission of false or forged documents in support of a claim whether or not the claim is itself genuine; or
- c) makes a false statement in support of a claim whether or not the claim is itself genuine; or
- d) submits a claim under this policy for loss or damage which **You** or anyone acting on **Your** behalf or in connivance with **You** deliberately caused; or
- e) realises after submitting what **You** reasonably believed was a genuine claim under this policy and then fails to tell **Us** that **You** have not suffered any loss or damage; or
- f) suppresses information which **You** know would otherwise enable **Us** to refuse to pay a claim under this policy

We will be entitled to refuse to pay the whole of the claim and recover any sums that **We** have already paid in respect of the claim.

If any fraud is perpetrated by or on behalf of an insured person and not on behalf of **You** this condition should be read as if it applies only to that insured person's claim and references to this policy should be read as if they were references to the cover effected for that person alone and not to the policy as a whole.

5. If any claim is covered by any other insurance, **We** will not pay for more than **Our** share of that claim.

6. The most **We** will pay for any loss (or all losses in the aggregate), including costs and expenses agreed by **Us** is the **Limit of Indemnity**. Once **We** have paid a loss or losses equal to the amount of the **Limit of Indemnity**, **We** will have no further liability under this policy.

General Conditions

1. Neither **You** (nor anyone acting on **Your** behalf) must disclose the existence of this policy to any other party except **Your** legal and other professional advisers, prospective purchasers, lessees and tenants of the **Property**, their respective mortgagees, legal and other professional advisers.

2. In the UK the law allows both **You** and **Us** to choose the law applicable to the contract. This contract will be subject to the relevant law of England and Wales, Scotland, Northern Ireland, the Isle of Man or the Channel Islands depending upon the Property address stated in the Schedule. If there is any dispute as to which law applies it will be English law. The parties agree to submit to the exclusive jurisdiction of the English courts.

3. Notwithstanding any other terms of this policy **We** will be deemed not to provide cover nor will **We** make any payment or provide any service or benefit to **You** or any other party to the extent that such cover, payment, service, benefit and/or any business or activity of **Yours** would violate any applicable trade or economic sanctions law or regulation.

Cancellation Clause

If **You** have taken out this policy for purposes which are wholly or mainly unrelated to **Your** trade, business or profession, **You** may cancel this policy within 14 days of receiving the policy by writing to **Us** and in such event **We** may, at **Our** discretion, charge **You** for the time that **You** have been on cover. Any refund will be made to the party who paid the premium. If **You** do cancel, **You** may be in breach of the terms of **Your** mortgage or the terms of the contract for the sale of **Your** property. If **You** are in doubt, **You** may wish to seek legal advice prior to cancellation.

Fair Processing and Complaints Procedure Our Complaints Procedure

Our commitment to customer service

We are committed to providing a high level of customer service. If you feel we have not delivered this, we would welcome the opportunity to put things right for you.

Who to contact in the first instance

Many concerns can be resolved straight away. Therefore in the first instance, please get in touch with your usual contact at Zurich or your broker or insurance intermediary, as they will generally be able to provide you with a prompt response to your satisfaction.

Contact details will be provided on correspondence that we or our representatives have sent you.

Many complaints can be resolved within a few days of receipt

If we can resolve your complaint to your satisfaction within the first few days of receipt, we will do so. Otherwise, we will keep you

updated with progress and will provide you with our decision as quickly as possible.

Next steps if you are still unhappy

If you are not happy with the outcome of your complaint, you may be able to ask the Financial Ombudsman Service to review your case.

We will let you know if we believe the ombudsman service can consider your complaint when we provide you with our decision. The service they provide is free and impartial, but you would need to contact them within 6 months of the date of our decision.

More information about the ombudsman and the type of complaints they can review is available via their website www.financial-ombudsman.org.uk.

You can also contact them as follows:

Post: Financial Ombudsman Service, Exchange Tower, London, E14 9SR

Telephone: 08000 234567 (free on mobile phones and landlines)

Email: complaint.info@financial-ombudsman.org.uk

If the Financial Ombudsman Service is unable to consider your complaint, you may wish to obtain advice from the Citizens Advice Bureau or seek legal advice.

The Financial Services Compensation Scheme (FSCS)

We are covered by the Financial Services Compensation Scheme (FSCS) which means that you may be entitled to compensation if we are unable to meet our obligations to you. Further information is available on www.fscs.org.uk or by contacting the FSCS directly on 0800 678 1100.

How we use your information

Who controls your personal information

This notice tells you how Zurich Insurance plc ('Zurich'), as data controller, will deal with your personal information. Where Zurich introduces you to a company outside the group, that company will tell you how your personal information will be used.

You can ask for further information about our use of your personal information or complain about its use in the first instance, by contacting our Data Protection Officer at: Zurich Insurance Group, Tri-centre 1, Newbridge Square, Swindon, SN1 1HN or by emailing the Data Protection Officer at GBZ.General.Data.Protection@uk.zurich.com.

If you have any concerns regarding our processing of your personal information, or are not satisfied with our handling of any request by you in relation to your rights, you also have the right to make a complaint to the Information Commissioner's Office. Their address is: First Contact Team, Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, SK9 5AF.

What personal information we collect about you

We will collect and process the personal information that you give us by phone, e-mail, filling in forms, including on our website, and when you report a problem with our website. We also collect personal information from your appointed agent such as your trustee, broker, intermediary or financial adviser in order to provide you with the services you have requested and from other sources, such as credit reference agencies and other insurance companies, for verification purposes. We will also collect information you have volunteered to be in the public domain and other industry-wide sources. We will only collect personal information that we require to fulfil our contractual or legal requirements unless you consent to provide additional information. The type of personal information we will collect includes; basic personal information (i.e. name, address and date of birth), occupation and financial details, health and family information, claims and convictions information and where you have requested other individuals be included in the arrangement, personal information about those individuals.

If you give us personal information on other individuals, this will be used to provide you with a quotation and/or contract of insurance and/or provision of financial services. You agree you have their permission to do so. Except where you are managing the contract on another's behalf, please ensure that the individual knows how their personal information will be used by Zurich. More information about this can be found in the 'How we use your personal information' section.

How we use your personal information

We and our selected third parties will only collect and use your personal information (i) where the processing is necessary in connection with providing you with a quotation and/or contract of insurance and/or provision of financial services that you have requested; (ii) to meet our legal or regulatory obligations; or (iii) for our 'legitimate interests'. It is in our legitimate interests to collect

your personal information as it provides us with the information that we need to provide our services to you more effectively including providing you with information about our products and services. We will always ensure that we keep the amount of information collected and the extent of any processing to the absolute minimum to meet this legitimate interest. Examples of the purposes for which we will collect and use your personal information are:

1. to provide you with a quotation and/or contract of insurance;
2. to identify you when you contact us;
3. to deal with administration and assess claims;
4. to make and receive payments;
5. to obtain feedback on the service we provide to you;
6. to administer our site and for internal operations including troubleshooting, data analysis, testing, research, statistical and survey purposes;
7. for fraud prevention and detection purposes.

We will contact you to obtain consent prior to processing your personal information for any other purpose, including for the purposes of targeted marketing unless we already have consent to do so.

Who we share your personal information with

Where necessary, we will share the personal information you gave us for the purposes of providing you with the goods and services you requested with the types of organisations described below:

associated companies including reinsurers, suppliers and service providers;
introducers and professional advisers;
regulatory and legal bodies;
survey and research organisations;
credit reference agencies;
healthcare professionals, social and welfare organisations; and
other insurance companies

Or, in order to meet our legal or regulatory requirements, with the types of organisations described below:

regulatory and legal bodies;
central government or local councils;
law enforcement bodies, including investigators;
credit reference agencies; and
other insurance companies

How we use your personal information for websites and email communications

When you visit one of our websites we may collect information from you such as your email address or IP address. This helps us to track unique visits and monitor patterns of customer website traffic, such as who visits and why they visit.

We use cookies and/or pixel tags on some pages of our website. A cookie is a small text file sent to your computer. A pixel tag is an invisible tag placed on certain pages of our website but not on your computer. Pixel tags usually work together with cookies to assist us to provide you with a more tailored service. This allows us to monitor and improve our email communications and website. Useful information about cookies, including how to remove them, can be found on our websites.

How we transfer your personal information to other countries

Where we transfer your personal information to countries that are outside of the UK and the European Union (EU) we will ensure that it is protected and that the transfer is lawful. We will do this by ensuring that the personal information is given adequate safeguards by using 'standard contractual clauses' which have been adopted or approved by the UK and the EU, or other solutions that are in line with the requirements of European data protection laws.

A copy of our security measures for personal information transfers can be obtained from our Data Protection Officer at: Zurich Insurance Group, Tri-centre 1, Newbridge Square, Swindon, SN1 1HN, or by emailing the Data Protection Officer at GBZ.General.Data.Protection@uk.zurich.com.

How long we keep your personal information for

We will retain and process your personal information for as long as necessary to meet the purposes for which it was originally

collected. These periods of time are subject to legal, tax and regulatory requirements or to enable us to manage our business.

Your data protection rights

You have a number of rights under the data protection laws, namely:

- to access your data (by way of a subject access request);
 - to have your data rectified if it is inaccurate or incomplete;
 - in certain circumstances, to have your data deleted or removed;
 - in certain circumstances, to restrict the processing of your data;
 - a right of data portability, namely to obtain and reuse your data for your own purposes across different services;
 - to object to direct marketing;
 - not to be subject to automated decision making (including profiling), where it produces a legal effect or a similarly significant effect on you;
 - to claim compensation for damages caused by a breach of the data protection legislation.
- if we are processing your personal information with your consent, you have the right to withdraw your consent at any time.

We will, for the purposes of providing you with a contract of insurance, processing claims, reinsurance and targeted marketing, process your personal information by means of automated decision making and profiling where we have a legitimate interest or you have consented to this.

What happens if you fail to provide your personal information to us

If you do not provide us with your personal information, we will not be able to provide you with a contract or assess future claims for the service you have requested.

Fraud prevention and detection

In order to prevent and detect fraud we may at any time:

- check your personal data against counter fraud systems
- use your information to search against various publicly available and third party resources
- use industry fraud tools including undertaking credit searches and to review your claims history
- share information about you with other organisations including but not limited to the police, the Insurance Fraud Bureau (IFB), other insurers and other interested parties.

If you provide false or inaccurate information and fraud is identified, the matter will be investigated and appropriate action taken. This may result in your case being referred to the Insurance Fraud Enforcement Department (IFED) or other police forces and fraud prevention agencies. You may face fines or criminal prosecution. In addition, Zurich may register your name on the Insurance Fraud Register, an industry-wide fraud database.

Claims history

We may pass information relating to claims or potential claims to any relevant database. We and other insurers may search these databases when you apply for insurance, when claims or potential claims are notified to us or at time of renewal to validate your claims history or that of any other person or property likely to be involved in the policy or claim.

This helps to check information provided and prevent fraudulent claims.

Appendix D Risk Rating Matrix

Table D.1: Risk rating for contaminated land qualitative risk assessment

Level of Severity	Likelihood		
	Most Likely	Reasonably Foreseeable	Unlikely
Acute harm or severe chronic harm. Direct pollution of sensitive water receptors or serious pollution of other water bodies.	High	High	Low
Harm from long-term exposure. Slight pollution of sensitive receptors or pollution of other water bodies.	Medium	Medium	Low
No significant harm in either short or long term. No pollution of water that is likely to affect sensitive receptors. No more than slight pollution of other water bodies.	Low	Low	Low

Appendix E Environmental Receptors

The Contaminated Land Statutory Guidance has a four category system that considers harm to human health, controlled waters, flora and fauna, property, livestock and crops. The Categories are broadly defined as follows:

- 1 Contaminated Land – similar to land where it is known that significant harm has been caused or significant harm is being caused
- 2 Contaminated Land – no significant harm being caused but there is a significant possibility for significant harm to be caused in the future
- 3 Not Contaminated Land – there may be harm being caused but no significant possibility for significant harm to be caused in the future
- 4 Not Contaminated Land – no pollutant linkage, normal levels of contaminants and no significant harm being caused and no significant possibility for significant harm to be caused in the future.

Table E.1: Significant pollution to controlled waters

Pollution of controlled waters

Under Section 78A(9) of Part 2A the term “pollution of controlled waters means the entry into controlled waters of any poisonous, noxious or polluting matter or any solid waste matter. The term “controlled waters” in relation to England has the same meaning as in Part 3 of the Water Resources Act 1991, except that “ground waters” does not include water contained in underground strata but above the saturation zones. (Paragraph 4.36)

Given that the Part 2A regime seeks to identify and deal with significant pollution (rather than lesser levels of pollution), the local authority should seek to focus on pollution which: (i) may be harmful to human health or the quality of aquatic ecosystems or terrestrial ecosystems directly depending on aquatic ecosystems; (ii) which may result in damage to material property; or (iii) which may impair or interfere with amenities and other legitimate uses of the environment. (Paragraph 4.37)

Significant pollution of controlled waters

Paragraph 4.38 states that “The following types of pollution should be considered to constitute significant pollution of controlled waters:

- (a) Pollution equivalent to “environmental damage” to surface water or groundwater as defined by The Environmental Damage (Prevention and Remediation) Regulations 2009, but which cannot be dealt with under those Regulations.
- (b) Inputs resulting in deterioration of the quality of water abstracted, or intended to be used in the future, for human consumption such that additional treatment would be required to enable that use.
- (c) A breach of a statutory surface water Environment Quality Standard, either directly or via a groundwater pathway.
- (d) Input of a substance into groundwater resulting in a significant and sustained upward trend in concentration of contaminants (as defined in Article 2(3) of the Groundwater Daughter Directive (2006/118/EC)5”.

Paragraph 4.39 states that “In some circumstances, the local authority may consider that the following types of pollution may constitute significant pollution: (a) significant concentrations⁶ of hazardous substances or non-hazardous pollutants in groundwater; or (b) significant concentrations of priority hazardous substances, priority substances or other specific polluting substances in surface water; at an appropriate, risk based compliance point. The local authority should only conclude that pollution is significant if it considers that treating the land as contaminated land would be in accordance with the broad objectives of the regime as described in Section 1 (of the Contaminated Land Statutory Guidance). This would normally mean that the authority should conclude that less serious forms of pollution are not significant. In such cases the authority should consult the Environment Agency”.

The following types of circumstance should not be considered to be contaminated land on water pollution grounds:

- (a) The fact that substances are merely entering water and none of the conditions for considering that significant

pollution is being caused set out in paragraphs 4.38 and 4.39 above are being met.

(b) The fact that land is causing a discharge that is not discernible at a location immediately downstream or down-gradient of the land (when compared to upstream or up-gradient concentrations).

(c) Substances entering water in compliance with a discharge authorised under the Environmental Permitting Regulations.

Significant pollution of controlled waters is being caused

In deciding whether significant pollution of controlled waters is being caused, the local authority should consider that this test is only met where it is satisfied that the substances in question are continuing to enter controlled waters; or that they have already entered the waters and are likely to do so again in such a manner that past and likely future entry in effect constitutes ongoing pollution. For these purposes, the local authority should:

(a) Regard substances as having entered controlled waters where they are dissolved or suspended in those waters, or (if they are immiscible with water) they have direct contact with those waters on or beneath the surface of the water.

(b) Take the term “continuing to enter” to mean any measurable entry of the substance(s) into controlled waters additional to any which has already occurred.

(c) Take the term “likely to do so again” to mean more likely than not to occur again.

Land should not be determined as contaminated land on grounds that significant pollution of controlled waters is being caused where: (a) the relevant substance(s) are already present in controlled waters; (b) entry into controlled waters of the substance(s) from land has ceased; and (c) it is not likely that further entry will take place.

Significant Possibility of Significant Pollution of Controlled Waters

In deciding whether or not a significant possibility of significant pollution of controlled waters exists, the local authority should first understand the possibility of significant pollution of controlled waters posed by the land, and the levels of certainty/uncertainty attached to that understanding, before it goes on to decide whether or not that possibility is significant. The term “possibility of significant pollution of controlled waters” means the estimated likelihood that significant pollution of controlled waters might occur. In assessing the possibility of significant pollution of controlled waters from land, the local authority should act in accordance with the advice on risk assessment in Section 3 and the guidance in this sub-section.

In deciding whether the possibility of significant pollution of controlled waters is significant the local authority should bear in mind that Part 2A makes the decision a positive legal test. In other words, for particular land to meet the test the authority needs reasonably to believe that there is a significant possibility of such pollution, rather than to demonstrate that there is not.

Before making its decision on whether a given possibility of significant pollution of controlled waters is significant, the local authority should consider:

(a) The estimated likelihood that the potential significant pollution of controlled waters would become manifest; the strength of evidence underlying the estimate; and the level of uncertainty underlying the estimate.

(b) The estimated impact of the potential significant pollution if it did occur. This should include consideration of whether the pollution would be likely to cause a breach of European water legislation, or make a major contribution to such a breach.

(c) The estimated timescale over which the significant pollution might become manifest.

(d) The authority’s initial estimate of whether remediation is feasible, and if so what it would involve and the extent to which it might provide a solution to the problem; how long it would take; what benefit it would be likely to bring; and whether the benefits would outweigh the costs and any impacts on local society or the environment from taking action.

Reproduced from DEFRA (2012) Contaminated Land Statutory Guidance pursuant to section 78YA of the Environmental Protection Act 1990 as amended by Section 57 of the Environment Act 1995.

Table E.2: Significant harm to human health, ecological systems and property

Relevant types of receptor	Significant harm	Significant possibility of significant harm
Human beings	The following health effects should always be considered to constitute significant harm to human health: death; life threatening diseases (eg cancers); other diseases likely to have serious impacts on health; serious injury; birth defects; and impairment of reproductive functions. Other health effects may be considered by the local authority to constitute significant harm. For example, a wide range of conditions may or may not constitute significant harm (alone or in combination) including: physical injury; gastrointestinal disturbances; respiratory tract effects; cardio-vascular effects; central nervous system effects; skin ailments; effects on organs such as the liver or kidneys; or a wide range of other health impacts. In deciding whether or not a particular form of harm is significant harm, the local authority should consider the seriousness of the harm in question: including the impact on the health, and quality of life, of any person suffering the harm; and the scale of the harm. The authority should only conclude that harm is significant if it considers that treating the land as contaminated land would be in accordance with the broad objectives of the regime as described in Section 1 of the Contaminated Land Statutory Guidance.	The risk posed by one or more relevant contaminant linkage(s) relating to the land comprises: (a) The estimated likelihood that significant harm might occur to an identified receptor, taking account of the current use of the land in question. (b) The estimated impact if the significant harm did occur – i.e. the nature of the harm, the seriousness of the harm to any person who might suffer it, and (where relevant) the extent of the harm in terms of how many people might suffer it. In estimating the likelihood that a specific form of significant harm might occur the local authority should, among other things, consider: (a) The estimated probability that the significant harm might occur: (i) if the land continues to be used as it is currently being used; and (ii) where relevant, if the land were to be used in a different way (or ways) in the future having regard to the guidance on “current use” in Section 3 of the Contaminated Land Statutory Guidance. (b) The strength of evidence underlying the risk estimate. It should also consider the key assumptions on which the estimate of likelihood is based, and the level of uncertainty underlying the estimate.
Any ecological system, or living organism forming part of such a system, within a location which is: a site of special scientific interest (under section 28 of the Wildlife and Countryside Act (WCA) 1981 (as amended) and Part 4 of the Natural Environment and Rural Communities Act 2006 (as amended));	The following types of harm should be considered to be significant harm: - harm which results in an irreversible adverse change, or in some other substantial adverse change, in the functioning of the ecological system within any substantial part of that location; or - harm which significantly affects any species of special interest within	Conditions would exist for considering that a significant possibility of significant harm exists to a relevant ecological receptor where the local authority considers that: significant harm of that description is more likely than not to result from the

Relevant types of receptor	Significant harm	Significant possibility of significant harm
- a national nature reserve (under Section 35 of the WCA 1981 (as amended)); - a marine nature reserve (under Section 36 of the WCA 1981 (as amended)); - an area of special protection for birds (under Section 3 of the WCA 1981 (as amended)); - a “European site” within the meaning of regulation 8 of the Conservation of Habitats and Species Regulations 2010 (as amended); - any habitat or site afforded policy protection under Section 11 of The National Planning Policy Framework (NPPF) on conserving and enhancing the natural environment (i.e. possible Special Areas of Conservation, potential Special Protection Areas and listed or proposed Ramsar sites); or - any nature reserve established under Section 21 of the National Parks and Access to the Countryside Act 1949.	that location and which endangers the long-term maintenance of the population of that species at that location. In the case of European sites, harm should also be considered to be significant harm if it endangers the favourable conservation status of natural habitats at such locations or species typically found there. In deciding what constitutes such harm, the local authority should have regard to the advice of Natural England and to the requirements of the Conservation of Habitats and Species Regulations 2010 (as amended).	contaminant linkage in question; or there is a reasonable possibility of significant harm of that description being caused, and if that harm were to occur, it would result in such a degree of damage to features of special interest at the location in question that they would be beyond any practicable possibility of restoration. Any assessment made for these purposes should take into account relevant information for that type of contaminant linkage, particularly in relation to the ecotoxicological effects of the contaminant.
Property in the form of: - crops, including timber - produce grown domestically, or on allotments, for consumption - livestock - other owned or domesticated animals; - wild animals which are the subject of shooting or fishing rights.	For crops, a substantial diminution in yield or other substantial loss in their value resulting from death, disease or other physical damage. For domestic pets, death, serious disease or serious physical damage. For other property in this category, a substantial loss in its value resulting from death, disease or other serious physical damage. The local authority should regard a substantial loss in value as occurring only when a substantial proportion of the animals or crops are dead or otherwise no longer fit for their intended purpose. Food should be regarded as being no longer fit for purpose when it fails to comply with the provisions of the Food Safety Act 1990. Where a diminution in yield or loss in value is caused by a pollutant linkage, a 20% diminution or loss should be regarded as a benchmark for what constitutes a substantial diminution or loss. In the Guidance states that this description of significant harm is referred to as an	Conditions would exist for considering that a significant possibility of significant harm exists to the relevant types of receptor where the local authority considers that significant harm is more likely than not to result from the contaminant linkage in question, taking into account relevant information for that type of contaminant linkage, particularly in relation to the ecotoxicological effects of the contaminant.

Relevant types of receptor	Significant harm	Significant possibility of significant harm
	"animal or crop effect".	
Property in the form of buildings. For this purpose 'building' means any structure or erection and any part of a building, including any part below ground level, but does not include plant or machinery comprised in a building, or buried services such as sewers, water pipes or electricity cables.	Structural failure, substantial damage or substantial interference with any right of occupation. The local authority should regard substantial damage or substantial interference as occurring when any part of the building ceases to be capable of being used for the purpose for which it is or was intended. In the case of a scheduled Ancient Monument, substantial damage should be regarded as occurring when the damage significantly impairs the historic, architectural, traditional, artistic or archaeological interest by reason of which the monument was scheduled. The Guidance states that this description of significant harm is referred to as a 'building effect'.	Conditions would exist for considering that a significant possibility of significant harm exists to the relevant types of receptor where the local authority considers that significant harm is more likely than not to result from the contaminant linkage in question during the expected economic life of the building (or in the case of a scheduled Ancient Monument the foreseeable future), taking into account relevant information for that type of contaminant linkage.

Reproduced from DEFRA (2012) Contaminated Land Statutory Guidance pursuant to section 78YA of the Environmental Protection Act 1990 as amended by Section 57 of the Environment Act 1995.

UK and Ireland Office Locations

