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DESK STUDY WITH WALKOVER SURVEY

**FOR
1 SUMMER STREET,
ROCHDALE,
GREATER MANCHESTER**

**PREPARED FOR
HIGH STANDARD LIMITED**

**REPORT NO. 8288
DECEMBER 2025**

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EXECUTIVE SUMMARY

This executive summary is a brief summary only and should be read in conjunction with the full report.

Section	Subject	Summary
Site Details	Site Address	1 Summer Street, Rochdale, Greater Manchester, OL16 1SY.
	Grid Reference	390109E, 413188N.
	Current Land Use	Disused. Previous building, a clothing manufacturer, demolished following a fire and resulting demolition rubble on ground across site. Small section of the fire-damaged building shell remained in the northeast.
	Proposed Development	Erect an industrial building containing five units in the southwest, with sixteen car parking spaces in the northeast.
Site History	On Site	At the time of the earliest survey, Castle Works (Iron) in the southeast, Rope Walk in the northeast (removed by 1891), and the north of the site was possibly part of a Brick Field (removed by 1891). Buildings on site either extended or demolished and rebuilt, and now named Summercastle Works by 1891. Relabelled Summercastle Works (Cotton Waste) by 1908 and extended to southwest by 1928. Extended to cover whole site and relabelled as an unspecified mill by 1954, names Summercastle Mill by 1975. Local news reports indicate that a large fire took place on site in June 2025 and the building was subsequently demolished in July 2025.
	Beyond Site Boundary	At the time of the earliest survey, an unnamed road was depicted adjacent to the southwest (named Summer Street by 1891), Lord Street 20m southeast (renamed Livsey Street by 1891), Summer Castle 50m northwest (demolished by 1908), Sand Pit and Brick Field 60m north (infilled by 1891), Barrackfield Foundry (Iron) 70m southwest (unlabelled by 1891), River Roch meandering from east to west with its closest point to site some 160m northwest and a canal wharf at the end of the Rochdale Branch Canal 160m southwest (infilled by 1975). By 1891, several new industrial land uses within 250m, nearest being Brass Works 10m northwest (unlabelled by 1928), Cotton Mill 10m northeast, Iron Works 15m northeast, Drill Hall 40m southwest, and a Woolen Mill 60m northeast (unlabelled by 1928). Two reservoirs also depicted 40m northeast (third added by 1908, infilled by 1975). By 1908, Warehouse 10m northwest, Brass Foundry 50m southeast (unlabelled by 1954), Smithy 60m south (unlabelled by 1928), and refuse heap 230m northeast (becomes unspecified mound by 1928). Unspecified Mill 15m southwest from 1954. Allotment gardens 50m and 70m northwest and 95m northeast from 1954 to 1975. Several new garages and motor body works within 250m by 1975, nearest being 60m northwest and 80m northeast. Builder's Yard 50m southeast from 1982, becomes Depot by 2001.
Geological and Mining Appraisal	Made Ground	No Made Ground is indicated to be present within the site. However as the site has been developed, and the north of the site was historically part of a brick field, some is likely to be present. Made Ground, described as 'Artificial Deposits', is indicated to be 237m southeast and 242m northeast, the depth of which is unknown.
	Superficial Geology	Glaciofluvial Deposits (sand and gravel), the depth of which is unknown.
	Bedrock Geology	Majority – mudstone, siltstone and sandstone, belonging to the Pennine Lower Coal Measures Formation of the Westphalian Age. Far northeast – sandstone, belonging to the Old Lawrence Rock of the Westphalian Age.
	Radon	No radon protection measures are required.
	Mining	Coal Mining Report, ref. 51003531118001 and dated 13th October 2025, indicates that the site is not within a surface area that could be affected by past recorded underground mining or probable unrecorded shallow mineworkings. no coal mine entries within 100m of the site boundary.
	Subsidence Hazards	Very low to negligible.

Environmental Appraisal	Landfill Sites	None recorded. However, historical appraisal identified potential unregistered landfills in the form of an infilled brick field on site, infilled reservoirs 30m northeast, an infilled sand pit 60m north, and a refuse heap 230m northeast.
	Hydrogeology	Superficial/ drift deposits (sand and gravel) and bedrock (mudstone, siltstone and sandstone) all indicated to be Secondary A aquifers.
	Hydrology	One watercourse within 250m – inland river (River Roch) 164m northwest.
	Flood Risk	Flood Zone 1 with very low risk of flooding – Flood Risk Assessment unlikely to be required.
	Industrial Land Uses	Within the site – brick field, unspecified mill and rope walk. Within 250m – unspecified works 12m northwest and 97m southeast, Lion Springs Ltd (special purpose machinery and equipment) 18m southwest, unspecified works 20m and 26m northwest and 45m north, M S A Wheels & Castors (special purpose machinery and equipment) 26m northwest, refuse heap 35m north, Vale Mill Rochdale Ltd (cleaning equipment and supplies) 46m north, canal wharf 113m southwest, unspecified mill 118m south, and a sand pit 137m east..
	Other Relevant Details	Part B permit for Coating Processes 18m northwest.
Recommendations	An intrusive ground investigation is required to assess the ground conditions. The ground investigation should obtain soil samples for contamination analysis and asbestos detection and, where possible, groundwater and surface water samples for contamination analysis. We recommend consulting with the Fire Protection Officer to confirm whether firefighting foams containing PFAS were used. If they were, or it is unknown, then we would recommend testing for PFAS as part of the ground investigation. In addition, ground gases might be present and hence gas standpipes should be installed and monitored over an extended period of time to allow for an assessment to be made. The presence of potential cement-bound asbestos sheeting should be noted and this should be assessed, removed, and disposed of in accordance with Asbestos Regulations. However, it should be noted that this report does not cover or constitute as an asbestos survey of the site.	
Other Considerations (for Warranty Providers, Building Control, Structural Engineers, Developers, etc.)	Listed below are various items that are likely to be required at some point during the development and it would be cost effective to have them carried out simultaneously. This is not an exhaustive list. • Boreholes and laboratory testing to assess the ground conditions for foundation design. • BRE Digest 365 Soakaway Tests. • Waste Classification and WAC testing for removal of waste to landfill. • CBR Testing for road design and construction. • Water Pipeline Risk Assessment.	

**DESK STUDY WITH WALKOVER SURVEY FOR 1 SUMMER STREET,
ROCHDALE, GREATER MANCHESTER, OL16 1SY**

CLIENT: HIGH STANDARD LIMITED

ENGINEER: SIMBA CONSULTANTS LIMITED

1 INTRODUCTION

This report has been prepared in accordance with an email, dated 13th October 2025, from the Client.

The brief was set out in our estimate, ref. E8123 dated 13th October 2025, and comprises a walkover survey and a desk study report including a historical, geological, mining and environmental appraisal together with a conceptual ground model.

1.1 Site Location and Description

The site is located at 1 Summer Street, Rochdale, Greater Manchester, OL16 1SY, as indicated on Figure 1. The approximate National Grid Reference of the centre of the site is 390109E, 413188N.

As shown on Figure 2, the site comprises a rectangular plot of land of 0.15ha. It is bound by Hill Street to the northwest, Barchant Mill to the northeast, a disused mill to the southeast and Summer Street to the southwest.

1.2 Proposed Development and Purpose of the Desk Study

We understand that it is proposed to erect an industrial building containing five units in the southwest of the site, with sixteen car parking spaces in the northeast, as shown on Figure 3.

The Environment Agency's Land Contamination Risk Management guidance ^[1] sets out a three tiered approach to risk assessment:

1. Preliminary risk assessment: first tier of risk assessment that develops the initial conceptual site model to establish whether there are any potentially unacceptable risks.
2. Generic quantitative risk assessment: uses generic assessment criteria and assumptions to estimate risk.
3. Detailed quantitative risk assessment: uses detailed site-specific information to estimate risk.

Each tier should establish contaminant sources, assess the hazard using a source-pathway-receptor (S-P-R) linkage approach to find out if there is the potential for unacceptable risk, predict what degree of harm or pollution might result and how likely it is to occur, and evaluate the risk to determine whether the risk is unacceptable.

This desk study report comprises a Tier 1 risk assessment and has been conducted in general accordance with the Environment Agency's 'Land Contamination Risk Management' guidance ^[1] and British Standard BS10175: 2011+A2:2017 ^[2].

The purpose of the desk study is to:

- To review information regarding the site's historical, geological and environmental setting in order to develop a preliminary conceptual model and establish if there are any potentially unacceptable risks arising from contamination at the site.
- to evaluate the need for intrusive investigation.
- to support the discharge of relevant planning conditions and to meet the requirements of the Local Planning Authority (Council).

1.3 Walkover Survey

The walkover survey was undertaken on 14th October 2025. Photographs taken during the site walkover are appended, with their locations and any surface features observed indicated in Figure 2.

At the time of the walkover, the site was disused. The previous building on site, a clothing manufacturer, had been demolished following a fire and the resulting demolition rubble was on the ground across the site. A small section of the fire-damaged building shell remained in the northeast of the site. Concrete foundations were visible in various areas, indicating that the concrete floor slab and foundations are likely to be still in-situ throughout the site. Potential cement-bound asbestos sheeting (photo 7) and areas of flytipped waste were also noted on site. The site could be accessed off Summer Street to the southwest and Hill Street to the northwest.

No olfactory contamination was noted during the walkover survey.

2 DESK STUDY

2.1 Historical Appraisal

The past history of the site has been interpreted from the study of old Ordnance Survey plans supplied by GroundSure, as follows:

TABLE 1 SMALL SCALE SURVEYS TABLE 2 LARGE SCALE SURVEYS

Date	Scale	Date	Scale
1851	1:10,560	1851	1:1,056
1891	1:10,560	1891	1:2,500
1908 – 1909	1:10,560	1892	1:500 **
1928	1:10,560	1910	1:2,500
1938	1:10,560	1930	1:2,500
1954 – 1956	1:10,560	1958	1:1,250 ***
1967 – 1968	1:10,560	1957 – 1959	1:1,250 ***
1975 – 1976	1:10,000	1958 – 1959	1:2,500
1987 *	1:10,000	1975 *	1:1,250 ***
1992 *	1:10,000	1974 – 1978	1:1,250 ***
2001	1:10,000	1975 - 1978	1:1,250 ***
2010	1:10,000	1982 – 1986	1:1,250 ***
2025	1:10,000	1982 – 1987	1:1,250 ***

TABLE 1 SMALL SCALE SURVEYS

Date	Scale
-	-
-	-
-	-
-	-
-	-

* Site not covered by survey.

** Published scale, appended extract reproduced at 1:1,000 scale.

*** Published scale, appended extract reproduced at 1:2,000 scale.

TABLE 2 LARGE SCALE SURVEYS

Date	Scale
1985 – 1989	1:1,250 ***
1988 – 1992	1:1,250 ***
1992 – 1995	1:1,250 ***
1993 – 1995	1:1,250 ***
2003	1:1,250

Extracts of the above surveys are appended.

TABLE 3 HISTORICAL APPRAISAL

Date	On site	Beyond site boundary
1851	At the time of the earliest survey, Castle Works (Iron) was shown in the southeast of the site and a Rope Walk was depicted in the northeast. The north of the site is possibly part of a Brick Field.	At the time of the earliest survey, an unnamed road was depicted adjacent to the southwest of the site and Lord Street was shown 20m to the southeast. Summer Castle was depicted 50m to the northwest of the site, a Sand Pit and Brick Field were shown 60m to the north, and Barrackfield Foundry (iron) was shown 70m to the southwest. The River Roch was depicted meandering from east to west with its closest point to site some 160m to the northwest and a canal wharf at the end of the Rochdale Branch Canal is depicted 160m to the southwest.
1891-1892	The buildings on site have either been extended or demolished and rebuilt, and are now named Summercastle Works. The Rope Walk and Brick Field are no longer shown.	Several new industrial land uses are depicted within 250m of the site boundary, with the nearest being a Brass Works 10m to the northwest, a Cotton Mill 10m to the northeast, an Iron Works 15m to the northeast, a Drill Hall 40m to the southwest, and a Woolen Mill 60m to the northeast. Two reservoirs are now depicted 40m to the northeast of the site. Barrackfield Foundry is no longer labelled. The Sand Pit has been infilled and the Brick Field is no longer depicted. The road adjacent to the southwest is now named Summer Street, Hill Street is now shown adjacent to the northwest, and Lord Street has been renamed Livsey Street.
1908-1910	Summercastle Works is now labelled Summercastle Works (Cotton Waste).	A third reservoir is now shown 30m to the northeast of the site. A Warehouse is now depicted 10m to the northwest of the site, a Brass Foundry is now shown 50m to the southeast, and a Smithy is now depicted 60m to the south. A refuse heap is now shown 230m to the northeast of the site. The Drill Hall has been extended and Summer Castle has now been demolished.
1928-1930	Summercastle Works has been extended to the southwest.	Buildings 5m to the east and 10m to the southeast of the site have either been extended or demolished and rebuilt. The Brass Works 10m to the northwest, the Woolen Mill 60m to the northeast and the smithy are no longer labelled. The refuse heap is now depicted as an unspecified mound.
1938	No significant changes are noted during this time.	No significant changes are noted during this time.

TABLE 3 (cont.) HISTORICAL APPRAISAL

Date	On site	Beyond site boundary
1954-1959	Summercastle Works (Cotton Waste) has been extended to cover the whole site and is now labelled as an unspecified mill.	The multiple industrial buildings surrounding the site are now all labelled as unspecified mills, works and warehouses. A new unspecified mill is depicted 15m to the southwest of the site. The brass foundry is no longer labelled. Allotment gardens are now depicted 50m and 70m to the northwest and 95m to the northeast of the site.
1967-1968	No significant changes are noted during this time.	No significant changes are noted during this time.
1975-1978	The building on site is now named Summercastle Mill.	The three reservoirs have been infilled and Barchant Mill has been extended over them. Several new garages and motor body works are shown within 250m of the site boundary, the nearest being 60m to the northwest and 80m to the northeast. The canal wharf and the Rochdale Branch Canal have been infilled. All allotment gardens have been removed.
1982-1988	No significant changes are noted during this time.	A Builder's Yard is now depicted 50m to the southeast of the site.
1989-1995	No significant changes are noted during this time.	No significant changes are noted during this time.
2001-2003	No significant changes are noted during this time.	A Depot is now depicted 50m to the southeast of the site, replacing the Builder's Yard.
2010-2025	No significant changes are noted during this time.	No significant changes are noted during this time.

The small scale plans from 2001 onwards contain insufficient detail for review. However, local news reports indicate that a large fire took place on site in June 2025 and the building was subsequently demolished in July 2025. We are not aware of any other significant changes within the site and its immediate surrounding area.

2.2 Geological Appraisal

This following appraisal is based upon the appended Groundsure Enviro & Geo Insight Report (Sections 14 to 17).

2.2.1 Artificial Ground (Made Ground)

No Made Ground is indicated to be present within the site or in its immediate vicinity. However as the site has been developed, and the north of the site was historically part of a brick field, some is likely to be present.

Made Ground, described as 'Artificial Deposits', is indicated to be 237m to the southeast and 242m to the northeast of the site boundary, the depth of which is unknown.

2.2.2 Superficial Geology (Drift Deposits)

Drift deposits, described as Glaciofluvial Deposits and generally comprising sand and gravel, are indicated to be present beneath the site, the depth of which is unknown. The superficial deposits are indicated as having a high to very high permeability.

2.2.3 Bedrock Geology

The bedrock underlying the majority of the site is anticipated to be mudstone, siltstone and sandstone, belonging to the Pennine Lower Coal Measures Formation of the Westphalian Age. The bedrock is indicated as having a low to moderate permeability.

The bedrock underlying the far northeastern part of the site is anticipated to be sandstone, belonging to the Old Lawrence Rock of the Westphalian Age. The bedrock is indicated as having a moderate to high permeability.

2.2.4 Potential Hazards in Natural Ground

The hazard rating for running sands, collapsible deposits and landslides is very low and the hazard rating for shrinking/ swelling clays, compressible deposits and ground dissolution of soluble rocks is negligible.

2.3 **Mining, Radon, Soil Chemistry and Railway Infrastructure Appraisal**

This following appraisal is based upon the appended Groundsure Enviro & Geo Insight Report (Sections 18 to 21).

2.3.1 Mining and Ground Workings

Ordnance Survey mapping identifies surface excavations which may, or may not, have been subsequently backfilled with unknown material. The Ordnance Survey indicates that there are five historical surface excavations within 250m of the site boundary, which are a brick field on site, refuse heaps 35m to the north and 226m to the northeast, a canal wharf 113m to the southwest, and a sand pit 137m to the east.

In addition, Ordnance Survey mapping identifies underground workings in the form of tunnels, shafts and similar features. The Ordnance Survey indicates that there is one historical underground working within 1km of the site boundary, which is an area of air shafts 742m to the east.

The British Geological Survey maintain records of mining of minerals other than coal, and indicates that there is no potential for non-coal mining beneath the site or within 1km of the site boundary.

The Coal Authority, and others, indicate that there is potential for coal mining beneath the site or within 1km of the site boundary. The appended Consultants Coal Mining Report, ref. 51003531118001 and dated 13th October 2025, indicates that the site is not within a surface area that could be affected by past recorded underground mining or probable unrecorded shallow mineworkings.

The Coal Authority also indicates that there is no current mining or proposals to mine coal beneath the site. It should be noted that on 23rd December 2015 all underground coal mining ceased in the U.K.

Furthermore, there are no coal mine entries within 100m of the site boundary that the Coal Authority has knowledge of.

The Coal Authority Mining Report only refers to records in the possession of the Coal Authority. It should be noted that it did not become a statutory requirement to maintain and preserve plans of abandoned mines until the Mines (Coal) Regulations Act of 1872, by which date much unrecorded mining had taken place and of those plans which were made it is likely that not all will have survived.

According to the report the site is not in an area affected by historical mineral planning areas, brine extraction, gypsum extraction, tin mining, clay extraction, natural cavities, or mining cavities.

2.3.2 Radon

The British Geological Survey and Public Health England have estimated the percentage of dwellings exceeding the “Radon Action Level” of 200 Becquerels/m³ for the UK based on geological assessments and long term measurements of radon in more than 560,000 households.

The site is in a Radon Affected Area where between 1% and 3% of surrounding properties are above the Radon Action Level. However, no radon protection measures are required.

2.3.3 Soil Chemistry

The British Geological Survey have estimated likely background concentrations of potentially harmful arsenic, cadmium, chromium, lead and nickel in the topsoil. Data for on-site topsoil is given. In addition data for the land within 50m of the site boundary is given.

2.3.4 Railway Infrastructure

There is one record of historical railway and tunnel features within 250m of the site boundary, which is an area of railway sidings 224m to the southeast.

There is one active railway within 250m of the site boundary, which is the Manchester Metrolink tramline 154m to the west.

There are no underground railways or railway tunnels within 250m of the site boundary.

The site is not within 250m of Crossrail 2 or the High Speed 2 (HS2) rail projects.

2.4 **Environmental Appraisal**

This following appraisal is based upon the appended Groundsure Enviro & Geo Insight Report (Sections 1 to 13).

2.4.1 Historical Industrial Land Use

Historical potentially contaminative industrial land uses are recorded by the Ordnance Survey. Within the site there are three potentially contaminative industrial land uses identified, which are a brick field, an unspecified mill and a rope walk. In addition, there are several potentially contaminative industrial land uses identified within 250m of the site boundary, which include unspecified works 12m to the northwest and 97m to the southeast, a refuse heap 35m to the north, a canal wharf 113m to the southwest, an unspecified mill 118m to the south, and a sand pit 137m to the east.

There is one historical tank within 250m of the site boundary, which is an unspecified tank 243m to the north.

There are four historical energy features within 250m of the site boundary, which are all electricity substations, the nearest being 97m to the southwest.

There are several historical garages within 250m of the site boundary, the nearest being 62m to the northeast.

There are no historical petrol stations or military land within 250m of the site boundary.

2.4.2 Landfill

According to the report there are no active or recently closed landfill sites within 250m of the site boundary.

Our historical appraisal has identified potential unregistered landfills within 250m of the site boundary in the form of an infilled brick field on site, infilled reservoirs 30m to the northeast, an infilled sand pit 60m to the north, and a refuse heap 230m to the northeast.

2.4.3 Waste

Local Authority records and detailed Ordnance Surveys indicate two waste sites within 250m of the site boundary, which are a scrapyard 88m to the north and an incinerator 235m to the northeast,

According to the Environment Agency there are no active or recently closed waste sites within 250m of the site boundary.

The Environment Agency have records of activities involving the storage, treatment, use or disposal of wastes that are exempt from needing a permit (within specific limits and conditions) within 250m of the site boundary, the nearest being 97m to the north.

2.4.4 Current Industrial Land Use

Current potentially contaminative industrial land uses are recorded by the Ordnance Survey. There are sixty potentially contaminative industrial land uses identified within 250m of the site boundary. These include Lion Springs Ltd (special purpose machinery and equipment) 18m to the southwest, unspecified works 20m and 26m to the northwest and 45m to the north, M S A Wheels & Castors (special purpose machinery and equipment) 26m to the northwest, and Vale Mill Rochdale Ltd (cleaning equipment and supplies) 46m to the north.

According to Experian there is one current or recent petrol station within 250m of the site boundary, which is 88m to the east and listed as obsolete.

2.4.5 Sites Determined as Contaminated Land

There are no sites determined as contaminated under Part 2a of the Environmental Protection Act (1990) within 250m of the site boundary.

2.4.6 Control of Major Accident Hazards (COMAH)

Records of Control of Major Accident Hazards (COMAH), including Notification of Installations Handling Hazardous Substances (NIHHS) and other historical data, indicate that there are no dangerous or hazardous sites within 250m of the site boundary.

2.4.7 Regulated Explosives Sites

Up to April 2015 there were no sites within 250m of the site boundary registered and licensed by the Health and Safety Executive under the 2005 Manufacture and Storage of Explosives Regulations.

2.4.8 Hazardous Substance Storage and Usage

There are no Local Authority records of consents granted for sites to hold certain quantities of hazardous substances at or above defined limits in accordance with the 2015 Planning (Hazardous Substances) Regulations within 250m of the site boundary.

2.4.9 Historical Licenced Industrial Activities (IPC)

There are no historical Integrated Pollution Control (IPC) records of substances released to the air, land and water according to the Environment Agency within 250m of the site boundary.

2.4.10 Licenced Industrial Activities (Part A(1))

The Environment Agency indicate that there are no records of Part A(1) installations regulated under the 2016 Environmental Permitting (England and Wales) Regulations for release to the environment within 250m of the site boundary.

2.4.11 Part A(2) and Part B Authorisations

Local Authority records indicate there are six Part B installations regulated under the 2016 Environmental Permitting (England and Wales) Regulations for the release of substances to the environment within 250m of the site boundary. The nearest of these is a current permit relating to Coating Processes 18m to the northwest.

There are no Part A(2) installations within 250m of the site boundary.

2.4.12 Radioactive Substance Authorisations

The Environment Agency indicate that there are no records of storage, use, accumulation and disposal of radioactive substances regulated under the 1993 Radioactive Substances Act within 250m of the site boundary.

2.4.13 Licensed Discharges to Controlled Waters

According to Environment Agency records there have been six discharges of treated or untreated effluent to controlled water under the 1991 Water Resources Act within 250m of the site boundary. These are all related to 'sewage discharges – sewer storm overflow', with the nearest being 198m to the north.

2.4.14 Pollutant Release to Surface Waters (Red List)

The Environment Agency records indicate that there have been no discharges of specified substances under the 1991 Environmental Protection (Prescribed Processes and Substances) Regulations within 250m of the site boundary.

2.4.15 Pollutant Release to Public Sewers

According to Environment Agency records there have been no discharges of special category effluents to public sewers within 250m of the site boundary.

2.4.16 List I and List II Dangerous Substances

The Environment Agency records indicate that there have been no discharges of substances on List 1 or List 2 of the European Directive E2006/11/EC respectively, regulated under the 2015 Environmental Damage (Prevention and Remediation) Regulations, within 250m of the site boundary.

2.4.17 Pollution Incidents

According to the Environment Agency there are five records of substantiated pollution incidents within 250m of the site boundary, the nearest being related to unidentified oil 223m to the north in 2002 with minor impact to water.

In our opinion, any current impact to the site from the recorded pollution incidents is likely to be negligible.

2.4.18 Pollution Inventory Substances

The Environment Agency indicate that there have been no reports on annual emissions of certain regulated substances to air, controlled waters and land within 250m of the site boundary.

2.4.19 Pollution Inventory Waste Transfers

According to the Environment Agency there have been no reports on annual transfers and recovery/ disposal of controlled wastes within 250m of the site boundary.

2.4.20 Pollution Inventory Radioactive Waste

The Environment Agency indicate that there have been no reports on annual releases of radioactive substances within 250m of the site boundary.

2.4.21 Hydrogeology

The following designation of aquifers is in accordance with the Environment Agency's April 2010 Groundwater Protection Policy.

Superficial/ drift deposits are anticipated to be present and comprise Glaciofluvial Deposits (sand and gravel). These are indicated to be a Secondary A aquifer comprising permeable layers capable of supporting water supplies at a local scale and in some cases forming an important source of base flow to rivers.

The bedrock is anticipated to be mudstone, siltstone and sandstone, which is also indicated to be a Secondary A aquifer.

The vulnerability of groundwater in the superficial geology to a pollutant found within the site and its immediate surrounding area has been assessed as “High”, an area able to easily transmit pollution to groundwater.

The vulnerability of groundwater in the bedrock geology to a pollutant found within the site and its immediate surrounding area has been assessed as “Low”, an area able to provide protection from pollution.

British Geological Survey and Environment Agency data indicates that the site is not within a 1km grid where solution features are present that will enable rapid movement of a pollutant to groundwater.

Environment Agency data indicates that the site is not in an area where additional local information indicates that groundwater is vulnerable to pollution.

According to data provided by the Environment Agency there are six surface water abstraction licences within 1km of the site boundary, the nearest being 212m to the northwest, no groundwater abstraction licences within 1km of the site boundary, and no potable water abstraction licences within 2km of the site boundary.

There are no Source Protection Zones set up to protect a water source within 250m of the site of boundary according to the Environment Agency.

2.4.22 Hydrology

The Ordnance Survey indicate that there is one watercourse (rivers, streams, lakes or canals) within 250m of the site boundary, which is an inland river (River Roch) 164m to the northwest.

There are two surface water features (rivers, streams, lakes or ponds) within 250m of the site boundary according to the Ordnance Survey.

Environment Agency data relating to the Water Framework Directive (WFD) indicates that the site is within the catchment of the River Roch, this watercourse being 166m to the northwest and the groundwater body is known as the Northern Manchester Carboniferous Aquifers.

2.4.23 Flooding

Flooding data is maintained by the Environment Agency. The Risk of Flooding from Rivers and Sea (RoFRaS) database indicates that within 50m of the site boundary the highest risk of flooding is “Very Low”.

In the period since records began in 1946, there are two records of historical floods within 250m of the site boundary. These were 117m to the southwest and 154m to the northwest on 26th December 2015.

There are four flood defences present within 250m of the site boundary, the nearest being 158m to the northwest.

There are two areas benefitting from flood defences present within 250m of the site boundary, the nearest being 185m to the northwest.

There are no flood storage areas present within 250m of the site boundary.

The site is in a Flood Zone 1 and not within 50m of a Flood Zone 2 or a Flood Zone 3.

According to Ambiantal Risk Analytics surface water “FloodMap” there is a negligible risk of surface water flooding on the site and within 50m of the site boundary.

Groundwater flooding is caused when the water table rises in areas where this is usually at shallow depth. Ambiantal Risk Analytics indicate that there is a moderate risk of groundwater flooding on the site and within 50m of the site boundary.

Given the above, a Flood Risk Assessment is unlikely to be required.

2.4.24 Environmental Designations

Natural England indicate that there are environmental sensitive sites within 2km of the site boundary. There are four Sites of Special Scientific Interest (SSSI), the nearest being 783m to the south, four Special Areas of Conservation (SAC), the nearest being 783m to the south, and one area of Green Belt land 1627m to the north.

2.4.25 Visual and Cultural Designations

Historic England indicate that within 250m of the site boundary there are four Listed Buildings, the nearest being 17 Milnrow Road 104m to the south, and one Conservation Area, which is Rochdale Town Centre 34m to the southwest.

There are no World Heritage Sites, Areas of Outstanding Natural Beauty, National Parks, Scheduled Ancient Monuments or Registered Parks and Gardens within 250m of the site boundary.

2.4.26 Agricultural Designations

Natural England indicate that the Agricultural Land (quality) Classification for the site is Urban.

Natural England indicate that there is no open access land within 250m of the site boundary.

The Forestry Commission indicate that there are no tree felling licences within 250m of the site boundary.

Natural England indicate that there are no environmental stewardship schemes or countryside stewardship schemes within 250m of the site boundary.

2.4.27 Habitat Designations

Natural England indicate that there are two priority habitats within 250m of the site boundary, which are deciduous woodlands 195m to the east and 224m to the northeast.

There are no habitat networks, open mosaic habitats or limestone pavement orders within 250m of the site boundary.

2.5 Conceptual Ground Model

A conceptual ground model of a site and its environs uses available information to form a preliminary assessment of contamination sources, pathways and receptors, and the significance of hazards that exist or will potentially exist on the site. Its purpose is to identify the relationships between sources of contamination, pathways and receptors to allow exposure scenarios to be determined and thereby aid in the design of any intrusive investigation. It also forms the basis of the risk assessment.

2.5.1 Sources

Potential sources of contamination identified in the desk study are:

- General contaminants, including asbestos, associated with made ground (probably present) and past and present contaminative processes undertaken on and adjacent to the site including earthworks, construction, demolition, past site usage as a cotton mill and clothing manufacturer, and the recent fire.
- On-site spillage and leakage of hydrocarbons (oils and fuels) associated with any machinery used on site.
- Migrating ground gases from any made ground on site, infilled reservoirs 30m to the northeast, old refuse heaps 35m to the north and 226m to the northeast, and infilled sand pits 60m to the north and 137m to the east.
- Accumulated ground gases in on-site confined spaces.

2.5.2 Pathways

Potential pathways from source and receptor for the proposed development are:

- Direct skin contact with and/ or ingestion of contaminated soils and/ or water.
- Inhalation of dust, vapours and/ or gases.
- Dissolved contaminants via infiltrating surface water/ migrating groundwater.
- Dissolved ground gases via infiltrating surface water/ migrating groundwater.
- Volatile contaminants via permeable soils and rocks.
- Ground gases via permeable soils and rocks.
- Accumulation of ground gases in enclosed spaces.

2.5.3 Receptors

Potential receptors for the proposed development are:

- Site operatives during demolition, earthworks and/ or construction.
- The end users of the site.
- Controlled waters including surface water and groundwater, including the underlying aquifer.
- Maintenance operatives entering on-site confined spaces after development.
- Adjacent properties.

2.5.4 Conclusions

An appraisal of the sources, pathways and receptors has been considered and we have produced a conceptual ground model based upon the available information, as follows:

TABLE 4 CONCEPTUAL GROUND MODEL

Potential Source	Nature of Hazard	Contaminants Associated with the Source	Pathway	Receptor	Preliminary Risk Rating
Made Ground (probably present on site, earthworks, construction, demolition, past site usage as a cotton mill and clothing manufacturer, and the recent fire.)	Contaminants in Made Ground	<u>Gen. Contaminants</u> Arsenic Cadmium Chromium Lead Mercury Molybdenum Nickel Selenium Boron Copper Zinc Cyanide Sulphide Sulphate pH Phenols Polynuclear Aromatic Hydrocarbons (PAH) Total Petroleum Hydrocarbons (TPH)	Ingestion of soil	Site Operatives	Moderate
			Ingestion of dust	End Users	
			Ingestion of contaminated vegetable produce		
			Dermal contact		
			Inhalation of dust		
			Inhalation of vapours		
			Uptake via contaminated groundwater	Vegetation	Moderate
			Vertical and lateral movement of mobile contaminants to surface water and groundwater	Controlled Waters	Moderate
			Direct contact	Structures and Services	Moderate
Asbestos on/ in ground	Asbestos fibres	Asbestos fibres	Inhalation of fibres	Site Operatives End Users	Moderate
Machinery	Fuel/ oil spillage and/or leakage from machinery,	Total Petroleum Hydrocarbons (TPH)	Ingestion of soil	Site Operatives	Low
		and/ or	Ingestion of dust	End Users	
		Benzene/ Toluene/ Ethylbenzene/ Xylene (BTEX)	Ingestion of contaminated vegetable produce		
			Dermal contact		
Machinery	Grease spillage and/or leakage from machinery	Chlorinated Solvents	Inhalation of dust		Low
			Inhalation of vapours		
			Uptake via contaminated groundwater	Vegetation	
			Vertical and lateral movement of mobile contaminants to surface water and groundwater	Controlled Waters	
			Direct contact	Structures and Services	Low

TABLE 4 (cont.) CONCEPTUAL GROUND MODEL

Potential Source	Nature of Hazard	Contaminants Associated with the Source	Pathway	Receptor	Preliminary Risk Rating
Landfill (any made ground on site, infilled reservoirs 30m northeast, old refuse heaps 35m north and 226m northeast, infilled sand pits 60m north and 137m east.	Ground Gas (Asphyxiation, fire and explosion)	Methane Carbon Dioxide	Inhalation of gas Ignition of gas	Site Operatives End Users	Low

The conceptual ground model indicates that an intrusive ground investigation is required to assess the ground conditions. The ground investigation should obtain soil samples for contamination analysis and asbestos detection and, where possible, groundwater and surface water samples for contamination analysis.

We recommend consulting with the Fire Protection Officer to confirm whether firefighting foams containing PFAS were used. If they were, or it is unknown, then we would recommend testing for PFAS as part of the ground investigation.

In addition, the conceptual ground model indicates that ground gases might be present and hence gas standpipes should be installed and monitored over an extended period of time to allow for an assessment to be made.

The presence of potential cement-bound asbestos sheeting should be noted and this should be assessed, removed, and disposed of in accordance with Asbestos Regulations. However, it should be noted that this report does not cover or constitute as an asbestos survey of the site.

3 GENERAL

It should be noted that when developing a “brownfield site” a phased investigation should be undertaken in order that each phase informs the next. A typical phased investigation comprises the following:

- Phase I: desk study report (Tier 1 risk assessment)
- Phase II: ground investigation (Tier 2 or 3 risk assessment) with report
- Phase III: options appraisal and remediation statement report
- Phase IV: validation report.

In the preparation of this report no consideration has been given to flora and fauna as this was outside our brief.

We recommend that consultation should be undertaken with, and the written approval obtained from, the Local Authority Environmental Health Officer, the Local Authority Building Control Officer and the Coal Authority prior to commencing development.

We trust that this report fulfils your present requirements but if you have any queries or we can be of further assistance please contact the undersigned or Mr Ben Osborne at our Preston office.

SUB SURFACE CONSULTANTS LIMITED
REPORT No. 8288
DECEMBER 2025



M. S. Banwell B.Sc.(Hons.)
Geotechnical Engineer
For and on behalf of
Sub Surface Consultants Limited



D. C. Marsden M.Eng.(Hons.), C.Eng., M.I.C.E.
Principal Geotechnical Engineer
For and on behalf of
Sub Surface Consultants Limited.

4 REFERENCES

- [1] Environment Agency, "Land Contamination Risk Management," Environment Agency, 2025.
- [2] British Standards Institution (BSI), "BS 10175: 2011+A2:2017 Investigation of potentially contaminated sites. Code of practice - Code of practice," 2011.

PRELIMINARY RISK RATING GUIDANCE

PRELIMINARY RISK RATING GUIDANCE

The following table based on CIRIA C552 'Contaminated Land Risk Assessment. A Guide to Good Practice' has been used when developing the Conceptual Ground Model and the preliminary risk ratings. The method requires an assessment of the magnitude of the probability or likelihood of the risk occurring and the magnitude of the potential consequence or severity of the risk occurring to formulate a preliminary risk rating (Table A).

Table A DESCRIPTION OF RISK AND LIKELY ACTION REQUIRED

Preliminary Risk Rating	Action Required
Very High Risk	Extensive Ground Investigation Required. There is a high probability that severe harm could arise to a designated receptor from an identified hazard, or there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High Risk	Extensive Ground Investigation Required. Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short-term and are likely over the longer-term.
Moderate	Ground Investigation Required. It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the long-term.
Low Risk	Nominal Ground Investigation Required. It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very Low Risk	No Ground Investigation Required.* There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.
Negligible Risk	No Ground Investigation Required.* There is a very low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

* No further action is required unless unforeseen contaminated ground conditions are encountered.

PHOTOGRAPHS



SUB SURFACE

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3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Photographs

Site: 1 SUMMER STREET, ROCHDALE, GREATER MANCHESTER
Client: HIGH STANDARD LIMITED
Engineer: SIMBA CONSULTANTS LIMITED

Job Number:
8288
Sheet:
1 / 2
Survey Date:
14/10/25

WALKOVER SURVEY PHOTOGRAPHS

1



2



3



4



5



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14/10/25

WALKOVER SURVEY PHOTOGRAPHS

7



8



9



ENVIRO+GEO INSIGHT REPORT

1 Summer St, Rochdale, OL16 1SY

Order Details

Date: 13/10/2025
Your ref: CMAPS-CM-1245634-4199-131025
Our Ref: CMAPS-CM-1245634-4199-131025EDRGeo

Site Details

Location: 390109 413188
Area: 0.15 ha
Authority: [Rochdale Metropolitan Borough Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

[p.14 >](#)

[Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	3	3	33	129	-
22 >	1.2 >	Historical tanks >	0	0	2	24	-
23 >	1.3 >	Historical energy features >	0	0	7	16	-
24	1.4	Historical petrol stations	0	0	0	0	-
24 >	1.5 >	Historical garages >	0	0	40	34	-
27	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
28 >	2.1 >	Historical industrial land uses >	3	3	37	188	-
37 >	2.2 >	Historical tanks >	0	0	2	38	-
39 >	2.3 >	Historical energy features >	0	0	15	27	-
40	2.4	Historical petrol stations	0	0	0	0	-
41 >	2.5 >	Historical garages >	0	0	59	56	-
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	4	-
47 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	2	-
48 >	3.5 >	Historical waste sites >	0	0	11	14	-
51 >	3.6 >	Licensed waste sites >	0	0	0	23	-
59 >	3.7 >	Waste exemptions >	0	0	21	48	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
65 >	4.1 >	Recent industrial land uses >	0	8	52	-	-
69	4.2	National Geographic Database (NGD) - Current or recent tanks	0	0	0	-	-
69 >	4.3 >	Current or recent petrol stations >	0	0	1	1	-
70	4.4	Electricity cables	0	0	0	0	-
70	4.5	Gas pipelines	0	0	0	0	-



70	4.6	Sites determined as Contaminated Land	0	0	0	0	-
70	4.7	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
71	4.8	Regulated explosive sites	0	0	0	0	-
71	4.9	Hazardous substance storage/usage	0	0	0	0	-
71 >	4.10 >	Historical licensed industrial activities (IPC) >	0	0	0	2	-
72	4.11	Licensed industrial activities (Part A(1))	0	0	0	0	-
72 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	1	5	6	-
74	4.13	Radioactive Substance Authorisations	0	0	0	0	-
74 >	4.14 >	Licensed Discharges to controlled waters >	0	0	7	23	-
79	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
79	4.16	Pollutant release to public sewer	0	0	0	0	-
79 >	4.17 >	List 1 Dangerous Substances >	0	0	0	1	-
79	4.18	List 2 Dangerous Substances	0	0	0	0	-
80 >	4.19 >	Pollution Incidents (EA/NRW) >	0	0	5	7	-
81	4.20	Pollution inventory substances	0	0	0	0	-
81	4.21	Pollution inventory waste transfers	0	0	0	0	-
82	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
83 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
85 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
87 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
88	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
88	5.5	Groundwater vulnerability- local information	None (within 0m)				
89 >	5.6 >	Groundwater abstractions >	0	0	0	0	3
90 >	5.7 >	Surface water abstractions >	0	0	2	0	12
94	5.8	Potable abstractions	0	0	0	0	0
94	5.9	Source Protection Zones	0	0	0	0	-
95	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m

96 >	6.1 >	Water Network (OS MasterMap) >	0	0	4	-	-
97 >	6.2 >	Surface water features >	0	0	2	-	-
97 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
98 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
98 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
99	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
100 >	7.2 >	Historical Flood Events >	0	0	2	-	-
100 >	7.3 >	Flood Defences >	0	0	4	-	-
101 >	7.4 >	Areas Benefiting from Flood Defences >	0	0	2	-	-
101	7.5	Flood Storage Areas	0	0	0	-	-
102	7.6	Flood Zone 2	None (within 50m)				
102	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
103	8.1	Surface water flooding	Negligible (within 50m)				
Page	Section	Groundwater flooding >					
104 >	9.1 >	Groundwater flooding >	Moderate (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
105 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	4
106	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
106 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	4
107	10.4	Special Protection Areas (SPA)	0	0	0	0	0
107	10.5	National Nature Reserves (NNR)	0	0	0	0	0
107	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
107	10.7	Designated Ancient Woodland	0	0	0	0	0
108	10.8	Biosphere Reserves	0	0	0	0	0
108	10.9	Forest Parks	0	0	0	0	0
108	10.10	Marine Conservation Zones	0	0	0	0	0
108 >	10.11 >	Green Belt >	0	0	0	0	1



109	10.12	Proposed Ramsar sites	0	0	0	0	0
109	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
109	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
109	10.15	Nitrate Sensitive Areas	0	0	0	0	0
110	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
111	10.17	SSSI Impact Risk Zones	0	-	-	-	-
112 >	10.18 >	SSSI Units >	0	0	0	0	4
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
114	11.1	World Heritage Sites	0	0	0	-	-
115	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
115	11.3	National Parks	0	0	0	-	-
115 >	11.4 >	Listed Buildings >	0	0	4	-	-
116 >	11.5 >	Conservation Areas >	0	1	0	-	-
116	11.6	Scheduled Ancient Monuments	0	0	0	-	-
116	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
117 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
118	12.2	Open Access Land	0	0	0	-	-
118	12.3	Tree Felling Licences	0	0	0	-	-
118	12.4	Environmental Stewardship Schemes	0	0	0	-	-
118	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
119 >	13.1 >	Priority Habitat Inventory >	0	0	2	-	-
120	13.2	Habitat Networks	0	0	0	-	-
120	13.3	Open Mosaic Habitat	0	0	0	-	-
120	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
121 >	14.1 >	10k Availability >	Identified (within 500m)				
122 >	14.2 >	Artificial and made ground (10k) >	0	0	2	3	-

124 >	14.3 >	Superficial geology (10k) >	1	0	4	4	-
125	14.4	Landslip (10k)	0	0	0	0	-
126 >	14.5 >	Bedrock geology (10k) >	2	0	1	6	-
127 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	3	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
128 >	15.1 >	50k Availability >	Identified (within 500m)				
129	15.2	Artificial and made ground (50k)	0	0	0	0	-
129	15.3	Artificial ground permeability (50k)	0	0	-	-	-
130 >	15.4 >	Superficial geology (50k) >	1	1	2	4	-
131 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
131	15.6	Landslip (50k)	0	0	0	0	-
131	15.7	Landslip permeability (50k)	None (within 50m)				
132 >	15.8 >	Bedrock geology (50k) >	2	2	0	5	-
133 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
133 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	3	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
135 >	16.1 >	BGS Boreholes >	0	0	58	-	-
Page	Section	Natural ground subsidence >					
139 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
140 >	17.2 >	Running sands >	Very low (within 50m)				
141 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
142 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
143 >	17.5 >	Landslides >	Very low (within 50m)				
144 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
146	18.1	BritPits	0	0	0	0	-
147 >	18.2 >	Surface ground workings >	1	1	18	-	-
148 >	18.3 >	Underground workings >	0	0	0	0	2
148	18.4	Underground mining extents	0	0	0	0	-



148	18.5	Historical Mineral Planning Areas	0	0	0	0	-
148	18.6	Non-coal mining	0	0	0	0	0
149	18.7	JPB mining areas	None (within 0m)				
149	18.8	The Coal Authority non-coal mining	0	0	0	0	-
149	18.9	Researched mining	0	0	0	0	-
149	18.10	Mining record office plans	0	0	0	0	-
150	18.11	BGS mine plans	0	0	0	0	-
150 >	18.12 >	Coal mining >	Identified (within 0m)				
150	18.13	Brine areas	None (within 0m)				
150	18.14	Gypsum areas	None (within 0m)				
150	18.15	Tin mining	None (within 0m)				
151	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
152	19.1	Natural cavities	0	0	0	0	-
152	19.2	Mining cavities	0	0	0	0	0
152	19.3	Reported recent incidents	0	0	0	0	-
152	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
154 >	20.1 >	Radon >	Between 1% and 3% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
156 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	2	-	-	-
156	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
157	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
158	22.1	Underground railways (London)	0	0	0	-	-
158	22.2	Underground railways (Non-London)	0	0	0	-	-
159	22.3	Railway tunnels	0	0	0	-	-
159 >	22.4 >	Historical railway and tunnel features >	0	0	4	-	-
159	22.5	Royal Mail tunnels	0	0	0	-	-

160	22.6	Historical railways	0	0	0	-	-
160 >	22.7 >	Railways >	0	0	6	-	-
160	22.8	Crossrail 2	0	0	0	0	-
160	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2025. All Rights Reserved.

Capture Date: 07/04/2023

Site Area: 0.15ha



Recent site history - 2019 aerial photograph



Capture Date: 23/05/2019

Site Area: 0.15ha



Recent site history - 2018 aerial photograph



Capture Date: 01/07/2018

Site Area: 0.15ha



Recent site history - 2012 aerial photograph



Capture Date: 26/03/2012

Site Area: 0.15ha



Recent site history - 2000 aerial photograph

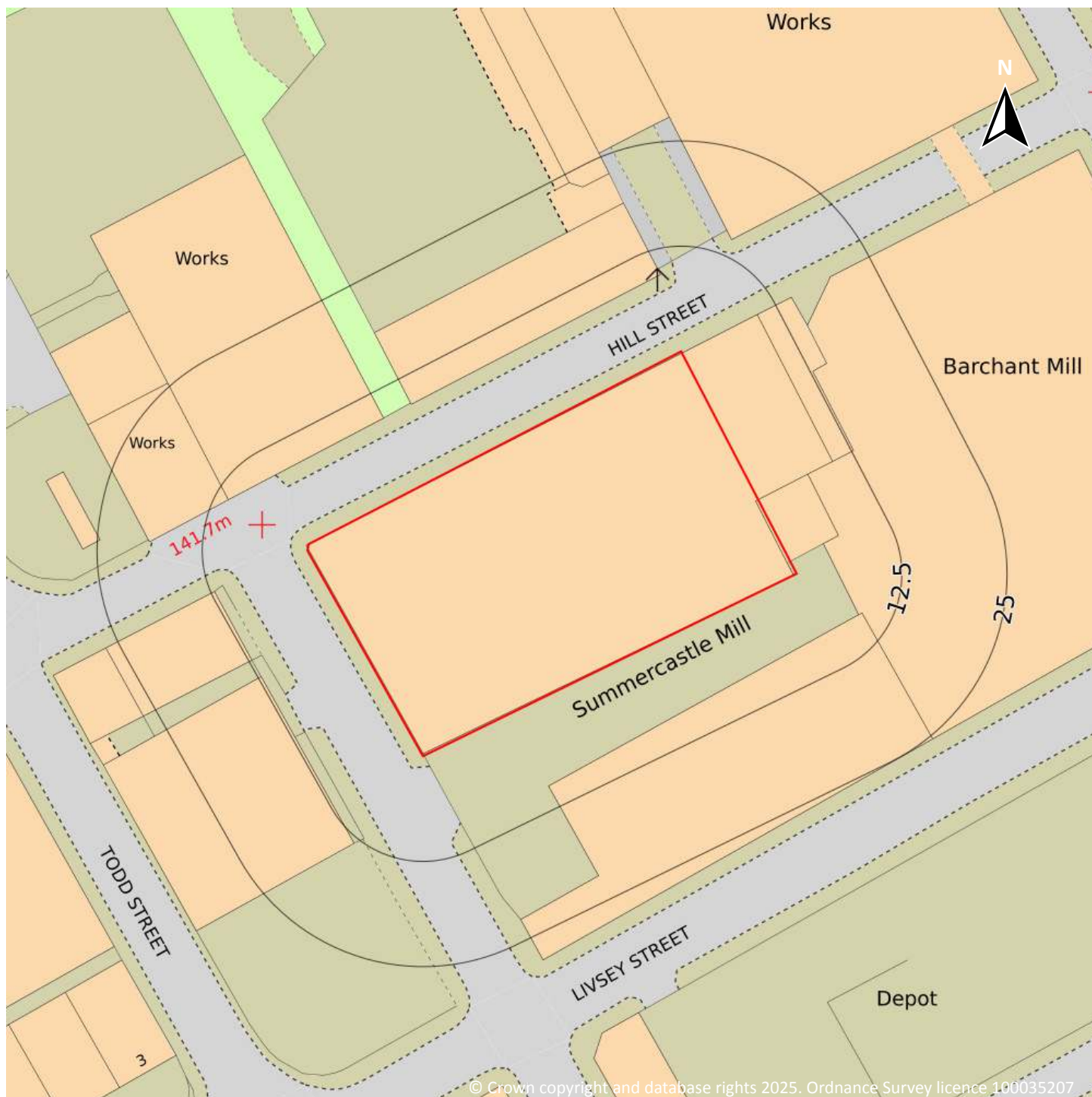


Capture Date: 19/06/2000

Site Area: 0.15ha



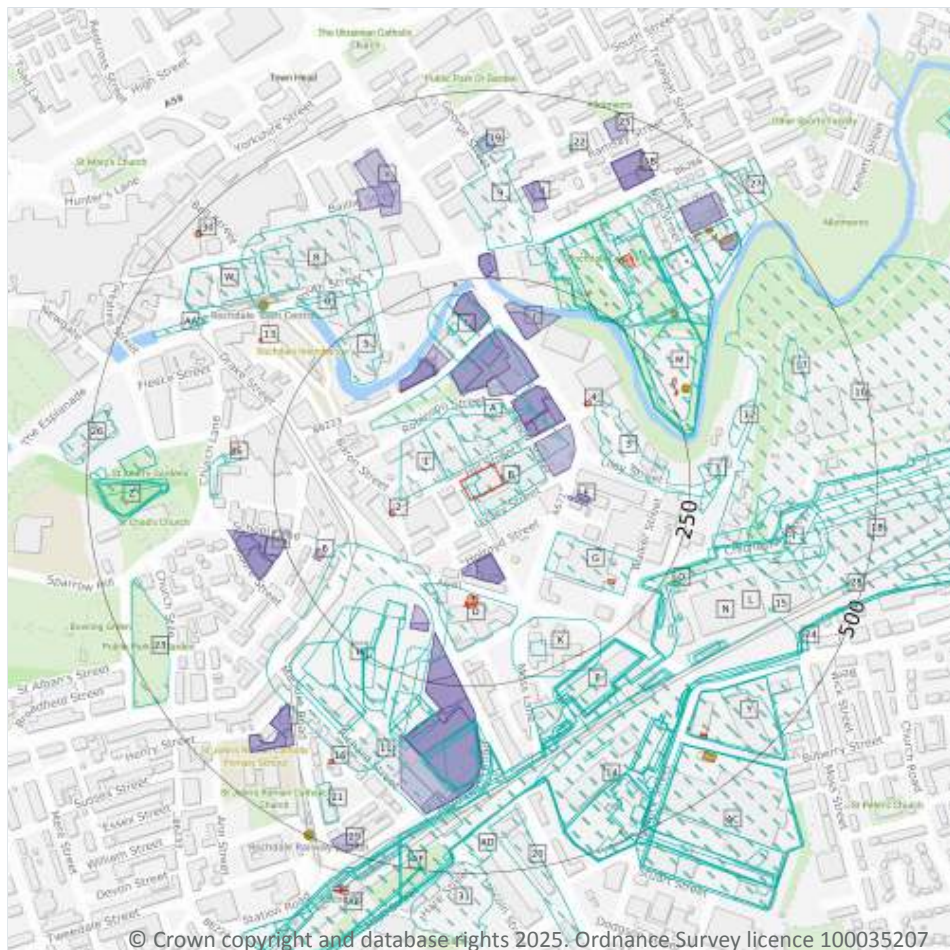
OS MasterMap site plan



Site Area: 0.15ha



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

168

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

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

ID	Location	Land use	Dates present	Group ID
A	On site	Brick Field	1851	654524



ID	Location	Land use	Dates present	Group ID
B	On site	Unspecified Mill	1976	673505
B	On site	Rope Walk	1851	691271
A	12m NW	Unspecified Works	1976	793474
1	18m W	Unspecified Works	1976	780183
A	35m N	Refuse Heap	1851	656627
G	97m SE	Unspecified Works	1976	683324
H	113m SW	Canal Wharf	1891	791809
D	118m S	Unspecified Mill	1976	673506
3	137m E	Sand Pit	1851	674251
F	140m N	Unspecified Works	1967	683339
H	144m SW	Unspecified Wharf	1956	692738
H	164m SW	Canal Wharf	1908 - 1928	761946
F	165m N	Unspecified Commercial/Industrial	1976	670615
H	167m SW	Canal Wharf	1938	749765
5	176m NW	Bus Station	1968	760075
K	179m SE	Goods Station	1967 - 1976	708217
F	180m N	Smithy	1851	680313
H	181m SW	Canal Wharf	1851	754209
H	192m SW	Canal Basin	1851	682817
K	206m SE	Smithy	1908	680314
H	207m SW	Canal Wharf	1851	712527
H	209m S	Canal Wharf	1851	723383
L	224m SE	Railway Sidings	1967	758938
M	226m NE	Unspecified Heap	1954 - 1967	771834
M	226m NE	Sanitary Depot	1954	773241
M	227m NE	Unspecified Commercial/Industrial	1976	712217
M	228m NE	Sanitary Depot	1908 - 1928	743665
M	228m NE	Sanitary Depot	1938	794843



ID	Location	Land use	Dates present	Group ID
N	228m SE	Railway Sidings	1891	721500
N	228m SE	Railway Sidings	1938	749500
L	229m SE	Railway Sidings	1954	735168
M	233m NE	Refuse Heap	1908	656628
H	235m SW	Unspecified Depot	1968	669557
M	237m NE	Sanitary Depot	1891	780857
M	238m NE	Incinerator	1976	672124
M	239m NE	Unspecified Works	1967	683323
M	241m NE	Unspecified Mills	1908	670042
M	241m NE	Unspecified Commercial/Industrial	1928	761791
P	254m SE	Goods Shed	1976	771039
N	255m SE	Railway Sidings	1928	788774
N	255m SE	Railway Sidings	1908	793524
P	257m SE	Goods Shed	1967	801340
P	259m SE	Goods Shed	1891 - 1938	707532
P	259m SE	Goods Shed	1954	781022
Q	259m SE	Railway Building	1908	703090
Q	260m SE	Railway Building	1954	726040
H	261m SW	Unspecified Commercial/Industrial	1891	711167
H	261m SW	Unspecified Commercial/Industrial	1938	743294
7	261m E	Unspecified Heap	1891	689000
Q	263m SE	Railway Building	1908 - 1928	767613
Q	264m SE	Railway Building	1908	703104
H	270m S	Unspecified Mills	1891 - 1928	735408
H	271m S	Unspecified Mills	1938	759064
P	273m SE	Warehouse	1851	699989
M	277m NE	Unspecified Mills	1891	670043
8	278m NW	Fire Engine	1851	665891



ID	Location	Land use	Dates present	Group ID
M	278m NE	Unspecified Heap	1928 - 1938	722276
H	282m S	Cotton Mill	1851	654857
R	283m NW	Bus Station	1987 - 1992	779465
9	286m N	Woollen Mill	1851	657558
Q	291m SE	Railway Building	1891	751188
Q	291m SE	Railway Building	1908	703108
10	293m E	Refuse Heap	1976	726927
Q	293m SE	Railway Building	1908 - 1928	720557
S	294m W	Unspecified Heap	1928 - 1938	790575
H	296m S	Unspecified Mills	1928 - 1938	724514
H	296m S	Unspecified Commercial/Industrial	1976	670608
H	296m S	Unspecified Works	1967	683337
H	298m S	Unspecified Mills	1891	753103
H	302m S	Cotton Mill	1851	654858
11	307m SW	Warehouse	1851	699988
12	308m E	Unspecified Heap	1891	689088
M	311m NE	Unspecified Tank	1954	781792
S	312m W	Unspecified Ground Workings	1968	660711
M	312m NE	Unspecified Tank	1891 - 1938	772068
P	314m SE	Warehouse	1851	699990
P	321m SE	Railway Buildings	1967	789330
P	323m SE	Railway Building	1976	703094
M	323m NE	Unspecified Commercial/Industrial	1976	670609
M	323m NE	Unspecified Works	1967	683336
P	324m SE	Goods Station	1891 - 1938	720641
M	325m NE	Unspecified Foundry	1954	715247
N	326m SE	Railway Building	1967 - 1976	733197
P	327m SE	Goods Station	1954	764720



ID	Location	Land use	Dates present	Group ID
N	329m SE	Railway Building	1891 - 1938	797617
N	329m SE	Railway Building	1954	731397
M	330m NE	Unspecified Foundry	1908	782073
M	330m NE	Unspecified Foundry	1928 - 1938	798849
P	333m SE	Railway Sidings	1851	786808
14	334m SE	Railway Sidings	1968 - 1976	752992
T	335m E	Unspecified Tank	1928	793485
P	335m S	Railway Buildings	1891 - 1938	741686
L	337m SE	Railway Building	1967	738799
P	337m S	Railway Buildings	1954	732694
R	338m NW	Police Station	1968 - 1975	720547
T	341m E	Refuse Heap	1967	778818
T	343m E	Unspecified Tank	1954	713671
L	344m SE	Railway Building	1891 - 1938	710229
L	344m SE	Railway Building	1954	788081
W	364m NW	Unspecified Mills	1928 - 1938	759950
W	364m NW	Unspecified Commercial/Industrial	1891 - 1908	769040
N	368m SE	Railway Buildings	1908	764149
N	368m SE	Railway Buildings	1938	743962
N	368m SE	Railway Buildings	1954	785425
N	368m SE	Railway Buildings	1928	778759
P	371m SE	Railway Station	1851	666378
N	371m SE	Railway Building	1976	709707
N	371m SE	Goods Shed	1967	795743
N	374m SE	Goods Shed	1891	731508
N	374m SE	Railway Building	1908	772456
N	374m SE	Railway Building	1928 - 1938	789421
M	374m NE	Woollen Mill	1851	657563



ID	Location	Land use	Dates present	Group ID
N	376m SE	Railway Building	1954	789463
T	376m E	Railway Building	1908	703091
T	383m E	Railway Building	1938 - 1954	788890
Y	384m SE	Iron Works	1928 - 1938	775206
Y	384m SE	Unspecified Commercial/Industrial	1976	670632
Y	384m SE	Unspecified Works	1967	683338
Y	384m SE	Iron Works	1954	751967
M	388m NE	Unspecified Mills	1908	670039
M	388m NE	Unspecified Commercial/Industrial	1891	670606
M	388m NE	Unspecified Mill	1928 - 1938	782003
Z	390m W	Unspecified Pit	1938	735871
Z	390m W	Unspecified Pit	1891	775012
Z	390m W	Unspecified Pit	1928	782337
Z	392m W	Unspecified Pit	1956	765547
15	392m SE	Railway Building	1891	703092
17	396m E	Unspecified Heap	1967	688999
18	398m E	Unspecified Depot	1976	669562
Y	399m SE	Iron Works	1908	799126
AA	399m NW	Butts	1928	734508
Z	400m W	Unspecified Pit	1968 - 1992	784754
AA	403m NW	Butts	1956	748001
Z	407m W	Corn Mill	1908	658548
Z	407m W	Unspecified Commercial/Industrial	1928	670614
T	409m E	Railway Building	1967	703095
N	415m SE	Unspecified Works	1967 - 1976	733960
20	417m S	Cotton Mill	1851	654856
N	419m SE	Unspecified Commercial/Industrial	1891 - 1908	775660
N	419m SE	Railway Works	1928 - 1938	796027



ID	Location	Land use	Dates present	Group ID
AC	420m SE	Unspecified Works	1967 - 1976	740131
N	420m SE	Railway Works	1954	767530
21	422m SW	Fire Station	1968 - 1992	728084
AC	424m SE	Railway Works	1954	780549
AC	424m SE	Iron Works	1891	655408
AC	424m SE	Railway Works	1908 - 1938	771981
22	431m N	Tannery	1851	673743
N	431m SE	Railway Building	1967 - 1976	758763
23	435m SW	Grave Yard	1908	663423
N	438m SE	Railway Building	1976	703093
24	440m SE	Railway Building	1967	703101
AD	447m S	Corn Mill	1851	658546
AE	459m S	Railway Sidings	1987 - 1992	739569
N	460m SE	Railway Building	1967 - 1976	801045
26	462m W	Mortuary	1956	671056
AE	469m S	Railway Station	1891 - 1938	742821
AE	469m S	Railway Sidings	1956	759022
AF	469m S	Railway Station	1967	799410
27	471m NE	Unspecified Works	1967 - 1976	764251
AF	472m S	Railway Buildings	1954	657836
AD	472m S	Railway Building	1954	703102
Z	473m W	Mortuary	1928 - 1938	728632
28	474m E	Railway Building	1891 - 1908	720919
AE	481m S	Railway Station	1956	759337
AE	481m S	Railway Station	1968	792011
31	486m S	Unspecified Works	1967 - 1976	745228
Y	494m SE	Unspecified Tank	1891	698121

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

26

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

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

ID	Location	Land use	Dates present	Group ID
F	243m N	Unspecified Tank	1957	87650
F	244m N	Tanks	1959	81842
M	258m NE	Unspecified Tank	1975 - 1982	100990
M	261m NE	Unspecified Tank	1982	99631
M	261m NE	Unspecified Tank	1975	99152
M	270m NE	Unspecified Tank	1982 - 1989	93223
M	270m NE	Unspecified Tank	1995	100777
M	270m NE	Unspecified Tank	1975	102948
M	312m NE	Unspecified Tank	1957 - 1959	104715
M	374m NE	Unspecified Tank	1989	96821
M	374m NE	Unspecified Tank	1982	98709
M	374m NE	Unspecified Tank	1986	107591
M	374m NE	Unspecified Tank	1995	95827
M	375m NE	Unspecified Tank	1975	100352
M	406m NE	Tanks	1983 - 1984	98591
M	421m NE	Tanks	1983 - 1984	92473
M	422m NE	Tanks	1975	81844
M	424m NE	Tanks	1975	96949
M	424m NE	Tanks	1983 - 1984	103164
M	427m NE	Unspecified Tank	1989 - 1996	103250
M	427m NE	Unspecified Tank	1975	104407



ID	Location	Land use	Dates present	Group ID
M	427m NE	Tanks	1983 - 1984	95858
AB	441m NE	Unspecified Tank	1975 - 1984	103342
N	448m SE	Tanks	1985	102791
N	449m SE	Tanks	1985 - 1988	102890
N	486m SE	Unspecified Tank	1891 - 1910	99740

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

23

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

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

ID	Location	Land use	Dates present	Group ID
2	97m SW	Electricity Substation	1988 - 1998	61026
D	127m S	Electricity Substation	1975	55712
D	128m S	Electricity Substation	1989	58107
D	129m S	Electricity Substation	1995	63511
D	138m S	Electricity Substation	1982 - 1986	55295
4	146m NE	Electricity Substation	1975 - 1986	53748
G	190m SE	Electricity Substation	1975 - 1989	54217
M	259m NE	Electricity Substation	1989	51598
M	259m NE	Electricity Substation	1982	53706
M	259m NE	Electricity Substation	1986	61676
M	260m NE	Electricity Substation	1995	47223
M	260m NE	Electricity Substation	1975	47222
S	298m W	Electricity Substation	1988	56224



ID	Location	Land use	Dates present	Group ID
S	299m W	Electricity Substation	1994 - 1998	50130
M	317m NE	Electricity Substation	1982	63761
M	318m NE	Electricity Substation	1975	62645
13	325m NW	Electricity Substation	1998	47220
16	393m SW	Electricity Substation	1995	47221
N	409m SE	Electricity Substation	1985 - 1993	62186
N	426m SE	Electricity Substation	1993	60588
N	426m SE	Electricity Substation	1985	63176
N	428m SE	Electricity Substation	1982 - 1988	56825
30	478m NW	Electricity Substation	1972 - 1995	50759

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, 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	74
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
C	62m NE	Garage	1989	18402



ID	Location	Land use	Dates present	Group ID
C	62m NE	Garage	1989 - 1995	19184
C	62m NE	Garage	1989 - 1995	19186
C	62m NE	Garage	1982 - 1986	21455
C	63m NE	Garage	1975	20100
C	67m NE	Garage	1995	18553
C	67m NE	Garage	1975 - 1986	18512
C	67m NE	Garage	1989	21481
D	76m S	Garage	1982 - 1989	20374
D	76m S	Garage	1959	18932
D	77m S	Garage	1975	19046
D	77m S	Garage	1957	19348
D	78m S	Garage	1995	18195
E	88m E	Garage	1959	18763
F	91m N	Garage	1986	19203
F	95m N	Garage	1989 - 1995	18382
F	104m N	Garage	1982	18754
F	104m NW	Garage	1975 - 1982	19188
E	105m E	Garage	1957	20306
F	130m N	Garage	1975	21124
I	142m NW	Garage	1995	19433
I	143m NW	Garage	1957 - 1959	20645
I	143m NW	Garage	1975	20794
I	143m NW	Garage	1989	17074
I	144m NW	Central Garage	1982	16294
H	158m SW	Garage	1957 - 1959	20329
J	172m N	Garage	1982 - 1986	16498
J	172m N	Garage	1975	20291
H	175m S	Garage	1957	18906



ID	Location	Land use	Dates present	Group ID
F	179m N	Garage	1995	16466
F	179m N	Garage	1982 - 1989	20860
F	180m N	Garage	1975	18269
H	184m S	Garage	1985	20886
H	185m S	Garage	1988	21661
6	203m SW	Garage	1959	20533
H	211m S	Garage	1985	17573
H	234m S	Garage	1982	17944
F	245m N	Garage	1959	20871
O	246m W	Garage	1988	20038
O	247m W	Garage	1994 - 1998	20320
F	251m N	Garage	1957	18658
F	251m N	Garage	1975	19110
F	252m N	Garage	1982	20244
O	262m W	Garage	1978 - 1987	21586
O	264m W	Garage	1959	18641
H	265m S	Garage	1985	16699
O	269m W	Garage	1959	18642
O	273m SW	Garage	1988	20552
O	273m SW	Garage	1994 - 1998	18480
H	275m S	Garage	1957 - 1958	21143
H	278m S	Garage	1982	19973
H	279m S	Garage	1993	17815
H	295m S	Garage	1982	17226
U	341m N	Garage Works	1983 - 1984	19822
U	356m N	Garage Works	1975	18339
V	358m N	Garage	1985 - 1988	22055
X	366m SW	Garage	1958	17907

ID	Location	Land use	Dates present	Group ID
X	366m SW	Garage	1957 - 1958	18969
X	367m SW	Garage	1978 - 1988	20900
V	370m N	Garage	1995	18087
X	389m SW	Garage	1978 - 1988	16737
X	402m SW	Garage	1957	21626
AB	406m NE	Garage	1983 - 1984	21843
AB	406m NE	Garage	1975	20576
AB	406m NE	Garage	1989	21208
AB	407m NE	Garage	1959	21470
M	407m NE	Motor Body Repair Works	1983 - 1984	16989
M	408m NE	Motor Body Repair Works	1975	16484
19	415m N	Garage	1989 - 1996	17868
M	420m NE	Garage	1996	17198
M	420m NE	Garage	1989 - 1993	21898
AB	426m NE	Garage	1957	17877
25	461m N	Garage	1975	16131
29	475m S	Garage	1989 - 1995	16425

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

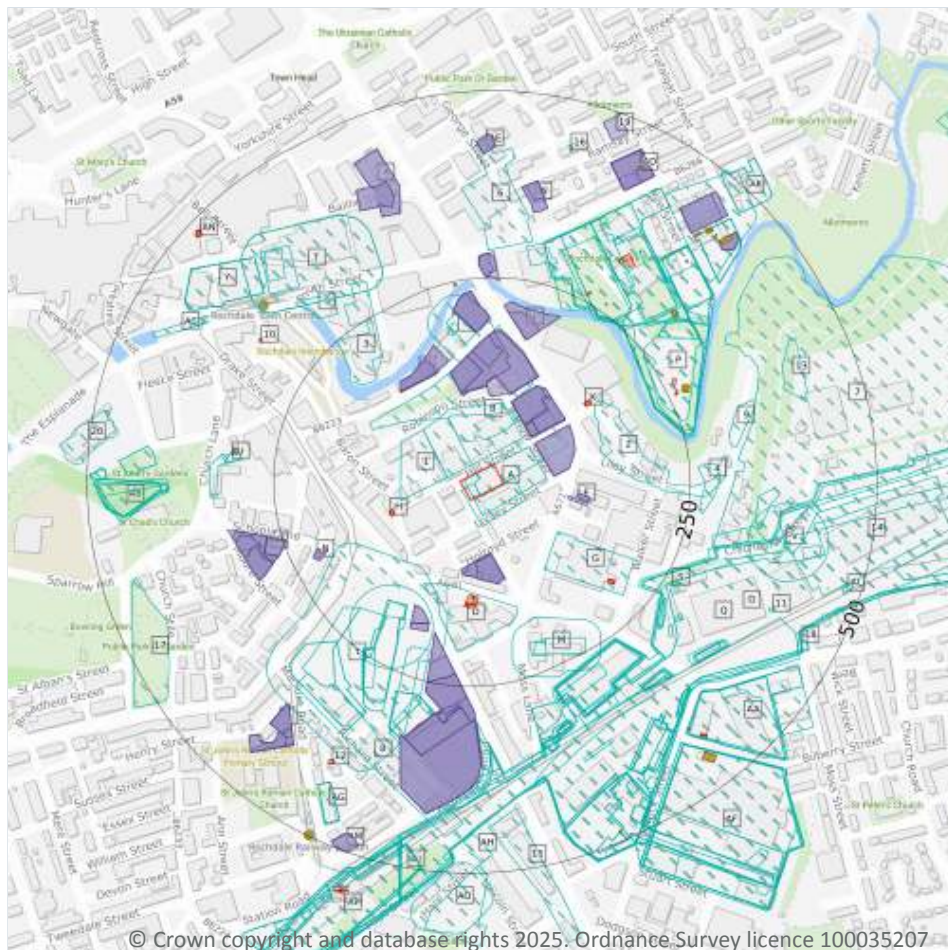
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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

231

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 28](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Mill	1976	673505
A	On site	Rope Walk	1851	691271
B	On site	Brick Field	1851	654524



ID	Location	Land Use	Date	Group ID
B	12m NW	Unspecified Works	1976	793474
1	18m W	Unspecified Works	1976	780183
B	35m N	Refuse Heap	1851	656627
G	97m SE	Unspecified Works	1976	683324
I	113m SW	Canal Wharf	1891	791809
D	118m S	Unspecified Mill	1976	673506
2	137m E	Sand Pit	1851	674251
F	140m N	Unspecified Works	1967	683339
I	144m SW	Unspecified Wharf	1956	692738
I	164m SW	Canal Wharf	1928	761946
I	164m SW	Canal Wharf	1908	761946
F	165m N	Unspecified Commercial/Industrial	1976	670615
I	167m SW	Canal Wharf	1938	749765
3	176m NW	Bus Station	1968	760075
M	179m SE	Goods Station	1967	708217
F	180m N	Smithy	1851	680313
I	181m SW	Canal Wharf	1851	754209
I	192m SW	Canal Basin	1851	682817
M	206m SE	Smithy	1908	680314
I	207m SW	Canal Wharf	1851	712527
I	209m S	Canal Wharf	1851	723383
M	210m SE	Goods Station	1976	708217
O	224m SE	Railway Sidings	1967	758938
P	226m NE	Unspecified Heap	1967	771834
P	226m NE	Sanitary Depot	1954	773241
P	226m NE	Unspecified Heap	1954	771834
P	227m NE	Unspecified Commercial/Industrial	1976	712217
P	228m NE	Sanitary Depot	1938	794843



ID	Location	Land Use	Date	Group ID
P	228m NE	Sanitary Depot	1928	743665
P	228m NE	Sanitary Depot	1908	743665
Q	228m SE	Railway Sidings	1938	749500
Q	228m SE	Railway Sidings	1891	721500
O	229m SE	Railway Sidings	1954	735168
P	233m NE	Refuse Heap	1908	656628
I	235m SW	Unspecified Depot	1968	669557
P	237m NE	Sanitary Depot	1891	780857
P	238m NE	Incinerator	1976	672124
P	239m NE	Unspecified Works	1967	683323
P	241m NE	Unspecified Commercial/Industrial	1928	761791
P	241m NE	Unspecified Mills	1908	670042
Q	254m SE	Goods Shed	1976	771039
Q	255m SE	Railway Sidings	1928	788774
Q	255m SE	Railway Sidings	1908	793524
Q	257m SE	Goods Shed	1967	801340
Q	259m SE	Goods Shed	1938	707532
Q	259m SE	Goods Shed	1928	707532
Q	259m SE	Goods Shed	1908	707532
Q	259m SE	Goods Shed	1891	707532
Q	259m SE	Goods Shed	1954	781022
S	259m SE	Railway Building	1908	703090
S	260m SE	Railway Building	1954	726040
I	261m SW	Unspecified Commercial/Industrial	1938	743294
I	261m SW	Unspecified Commercial/Industrial	1891	711167
4	261m E	Unspecified Heap	1891	689000
S	263m SE	Railway Building	1928	767613
S	263m SE	Railway Building	1908	767613



ID	Location	Land Use	Date	Group ID
S	264m SE	Railway Building	1908	703104
I	270m S	Unspecified Mills	1928	735408
I	270m S	Unspecified Mills	1908	735408
I	270m S	Unspecified Mills	1891	735408
I	271m S	Unspecified Mills	1938	759064
Q	273m SE	Warehouse	1851	699989
P	277m NE	Unspecified Mills	1891	670043
5	278m NW	Fire Engine	1851	665891
P	278m NE	Unspecified Heap	1938	722276
P	278m NE	Unspecified Heap	1928	722276
I	282m S	Cotton Mill	1851	654857
T	283m NW	Bus Station	1992	779465
T	283m NW	Bus Station	1987	779465
6	286m N	Woollen Mill	1851	657558
S	291m SE	Railway Building	1891	751188
S	291m SE	Railway Building	1908	703108
7	293m E	Refuse Heap	1976	726927
S	293m SE	Railway Building	1928	720557
S	293m SE	Railway Building	1908	720557
U	294m W	Unspecified Heap	1938	790575
U	295m W	Unspecified Heap	1928	790575
I	296m S	Unspecified Mills	1938	724514
I	296m S	Unspecified Mills	1928	724514
I	296m S	Unspecified Commercial/Industrial	1976	670608
I	296m S	Unspecified Works	1967	683337
I	298m S	Unspecified Mills	1891	753103
I	302m S	Cotton Mill	1851	654858
8	307m SW	Warehouse	1851	699988



ID	Location	Land Use	Date	Group ID
9	308m E	Unspecified Heap	1891	689088
P	311m NE	Unspecified Tank	1954	781792
U	312m W	Unspecified Ground Workings	1968	660711
P	312m NE	Unspecified Tank	1938	772068
P	312m NE	Unspecified Tank	1928	772068
P	312m NE	Unspecified Tank	1908	772068
P	312m NE	Unspecified Tank	1891	772068
Q	314m SE	Warehouse	1851	699990
Q	321m SE	Railway Buildings	1967	789330
Q	323m SE	Railway Building	1976	703094
P	323m NE	Unspecified Commercial/Industrial	1976	670609
P	323m NE	Unspecified Works	1967	683336
Q	324m SE	Goods Station	1938	720641
Q	324m SE	Goods Station	1928	720641
Q	324m SE	Goods Station	1908	720641
Q	324m SE	Goods Station	1891	720641
P	325m NE	Unspecified Foundry	1954	715247
Q	326m SE	Railway Building	1976	733197
Q	326m SE	Railway Building	1967	733197
Q	327m SE	Goods Station	1954	764720
Q	329m SE	Railway Building	1938	797617
Q	329m SE	Railway Building	1928	797617
Q	329m SE	Railway Building	1908	797617
Q	329m SE	Railway Building	1891	797617
Q	329m SE	Railway Building	1954	731397
P	330m NE	Unspecified Foundry	1908	782073
P	330m NE	Unspecified Foundry	1938	798849
P	330m NE	Unspecified Foundry	1928	798849



ID	Location	Land Use	Date	Group ID
Q	333m SE	Railway Sidings	1851	786808
Q	334m SE	Railway Sidings	1976	752992
V	335m E	Unspecified Tank	1928	793485
Q	335m S	Railway Buildings	1938	741686
Q	335m S	Railway Buildings	1928	741686
Q	335m S	Railway Buildings	1908	741686
Q	335m S	Railway Buildings	1891	741686
O	337m SE	Railway Building	1967	738799
Q	337m S	Railway Buildings	1954	732694
T	338m NW	Police Station	1975	720547
V	341m E	Refuse Heap	1967	778818
V	343m E	Unspecified Tank	1954	713671
O	344m SE	Railway Building	1938	710229
O	344m SE	Railway Building	1928	710229
O	344m SE	Railway Building	1908	710229
O	344m SE	Railway Building	1891	710229
O	344m SE	Railway Building	1954	788081
T	360m NW	Police Station	1968	720547
Y	364m NW	Unspecified Mills	1938	759950
Y	364m NW	Unspecified Mills	1928	759950
Y	364m NW	Unspecified Commercial/Industrial	1908	769040
Y	364m NW	Unspecified Commercial/Industrial	1891	769040
Q	368m SE	Railway Buildings	1908	764149
Q	368m SE	Railway Buildings	1938	743962
Q	368m SE	Railway Buildings	1954	785425
Q	368m SE	Railway Buildings	1928	778759
Q	371m SE	Railway Station	1851	666378
Q	371m SE	Railway Building	1976	709707



ID	Location	Land Use	Date	Group ID
Q	371m SE	Goods Shed	1967	795743
Q	374m SE	Railway Building	1938	789421
Q	374m SE	Railway Building	1928	789421
Q	374m SE	Railway Building	1908	772456
Q	374m SE	Goods Shed	1891	731508
P	374m NE	Woollen Mill	1851	657563
Q	376m SE	Railway Building	1954	789463
V	376m E	Railway Building	1908	703091
V	383m E	Railway Building	1954	788890
AA	384m SE	Iron Works	1938	775206
AA	384m SE	Iron Works	1928	775206
AA	384m SE	Unspecified Commercial/Industrial	1976	670632
AA	384m SE	Unspecified Works	1967	683338
AA	384m SE	Iron Works	1954	751967
V	384m E	Railway Building	1938	788890
P	388m NE	Unspecified Mill	1938	782003
P	388m NE	Unspecified Mill	1928	782003
P	388m NE	Unspecified Mills	1908	670039
P	388m NE	Unspecified Commercial/Industrial	1891	670606
AB	390m W	Unspecified Pit	1938	735871
AB	390m W	Unspecified Pit	1891	775012
AB	390m W	Unspecified Pit	1928	782337
AB	392m W	Unspecified Pit	1956	765547
11	392m SE	Railway Building	1891	703092
13	396m E	Unspecified Heap	1967	688999
14	398m E	Unspecified Depot	1976	669562
AA	399m SE	Iron Works	1908	799126
AC	399m NW	Butts	1928	734508



ID	Location	Land Use	Date	Group ID
AB	400m W	Unspecified Pit	1992	784754
AB	400m W	Unspecified Pit	1987	784754
AB	400m W	Unspecified Pit	1975	784754
AB	400m W	Unspecified Pit	1968	784754
AC	403m NW	Butts	1956	748001
AB	407m W	Unspecified Commercial/Industrial	1928	670614
AB	407m W	Corn Mill	1908	658548
V	409m E	Railway Building	1967	703095
Q	415m SE	Unspecified Works	1976	733960
Q	415m SE	Unspecified Works	1967	733960
15	417m S	Cotton Mill	1851	654856
Q	419m SE	Railway Works	1938	796027
Q	419m SE	Railway Works	1928	796027
Q	419m SE	Unspecified Commercial/Industrial	1908	775660
Q	419m SE	Unspecified Commercial/Industrial	1891	775660
AF	420m SE	Unspecified Works	1976	740131
AF	420m SE	Unspecified Works	1967	740131
Q	420m SE	Railway Works	1954	767530
AG	422m SW	Fire Station	1992	728084
AG	422m SW	Fire Station	1987	728084
AG	422m SW	Fire Station	1975	728084
AG	422m SW	Fire Station	1968	728084
AF	424m SE	Railway Works	1954	780549
AF	424m SE	Railway Works	1938	771981
AF	424m SE	Railway Works	1928	771981
AF	424m SE	Railway Works	1908	771981
AF	424m SE	Iron Works	1891	655408
16	431m N	Tannery	1851	673743



ID	Location	Land Use	Date	Group ID
Q	431m SE	Railway Building	1976	758763
Q	431m SE	Railway Building	1967	758763
17	435m SW	Grave Yard	1908	663423
Q	438m SE	Railway Building	1976	703093
18	440m SE	Railway Building	1967	703101
AH	447m S	Corn Mill	1851	658546
AI	459m S	Railway Sidings	1992	739569
AI	459m S	Railway Sidings	1987	739569
Q	460m SE	Railway Building	1976	801045
Q	460m SE	Railway Building	1967	801045
20	462m W	Mortuary	1956	671056
AI	464m S	Railway Sidings	1975	752992
AI	469m S	Railway Station	1938	742821
AI	469m S	Railway Station	1928	742821
AI	469m S	Railway Station	1908	742821
AI	469m S	Railway Station	1891	742821
AI	469m S	Railway Sidings	1956	759022
AI	469m S	Railway Sidings	1968	752992
AJ	469m S	Railway Station	1967	799410
AK	471m NE	Unspecified Works	1976	764251
AK	471m NE	Unspecified Works	1967	764251
AJ	472m S	Railway Buildings	1954	657836
AH	472m S	Railway Building	1954	703102
AB	473m W	Mortuary	1928	728632
AL	474m E	Railway Building	1908	720919
AL	474m E	Railway Building	1891	720919
AB	475m W	Mortuary	1938	728632
AI	481m S	Railway Station	1956	759337



ID	Location	Land Use	Date	Group ID
AI	481m S	Railway Station	1968	792011
AO	486m S	Unspecified Works	1967	745228
AO	488m S	Unspecified Works	1976	745228
AA	494m SE	Unspecified Tank	1891	698121

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	40
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 28 >](#)

ID	Location	Land Use	Date	Group ID
F	243m N	Unspecified Tank	1957	87650
F	244m N	Tanks	1959	81842
P	258m NE	Unspecified Tank	1982	100990
P	258m NE	Unspecified Tank	1975	100990
P	261m NE	Unspecified Tank	1982	99631
P	261m NE	Unspecified Tank	1975	99152
P	270m NE	Unspecified Tank	1982	93223
P	270m NE	Unspecified Tank	1986	93223
P	270m NE	Unspecified Tank	1989	93223
P	270m NE	Unspecified Tank	1995	100777
P	270m NE	Unspecified Tank	1975	102948
P	312m NE	Unspecified Tank	1959	104715
P	313m NE	Unspecified Tank	1957	104715
P	374m NE	Unspecified Tank	1982	98709
P	374m NE	Unspecified Tank	1986	107591
P	374m NE	Unspecified Tank	1989	96821



ID	Location	Land Use	Date	Group ID
P	374m NE	Unspecified Tank	1995	95827
P	375m NE	Unspecified Tank	1975	100352
P	406m NE	Tanks	1984	98591
P	406m NE	Tanks	1983	98591
P	421m NE	Tanks	1984	92473
P	421m NE	Tanks	1983	92473
P	422m NE	Tanks	1975	81844
P	424m NE	Tanks	1975	96949
P	424m NE	Tanks	1984	103164
P	424m NE	Tanks	1983	103164
P	427m NE	Unspecified Tank	1996	103250
P	427m NE	Unspecified Tank	1993	103250
P	427m NE	Unspecified Tank	1975	104407
P	427m NE	Unspecified Tank	1989	103250
P	427m NE	Tanks	1984	95858
P	427m NE	Tanks	1983	95858
AD	441m NE	Unspecified Tank	1984	103342
AD	441m NE	Unspecified Tank	1983	103342
AD	442m NE	Unspecified Tank	1975	103342
Q	448m SE	Tanks	1985	102791
Q	449m SE	Tanks	1988	102890
Q	449m SE	Tanks	1985	102890
Q	486m SE	Unspecified Tank	1910	99740
Q	487m SE	Unspecified Tank	1891	99740

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

42

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 28 >](#)

ID	Location	Land Use	Date	Group ID
H	97m SW	Electricity Substation	1988	61026
H	98m W	Electricity Substation	1994	61026
H	98m W	Electricity Substation	1998	61026
D	127m S	Electricity Substation	1975	55712
D	128m S	Electricity Substation	1989	58107
D	129m S	Electricity Substation	1995	63511
D	138m S	Electricity Substation	1982	55295
D	138m S	Electricity Substation	1986	55295
K	146m NE	Electricity Substation	1982	53748
K	146m NE	Electricity Substation	1986	53748
K	147m NE	Electricity Substation	1975	53748
G	190m SE	Electricity Substation	1982	54217
G	190m SE	Electricity Substation	1986	54217
G	190m SE	Electricity Substation	1989	54217
G	191m SE	Electricity Substation	1975	54217
P	259m NE	Electricity Substation	1982	53706
P	259m NE	Electricity Substation	1986	61676
P	259m NE	Electricity Substation	1989	51598
P	260m NE	Electricity Substation	1995	47223
P	260m NE	Electricity Substation	1975	47222
U	298m W	Electricity Substation	1988	56224
U	299m W	Electricity Substation	1994	50130
U	299m W	Electricity Substation	1998	50130



ID	Location	Land Use	Date	Group ID
P	317m NE	Electricity Substation	1982	63761
P	318m NE	Electricity Substation	1975	62645
10	325m NW	Electricity Substation	1998	47220
12	393m SW	Electricity Substation	1995	47221
Q	409m SE	Electricity Substation	1993	62186
Q	409m SE	Electricity Substation	1988	62186
Q	409m SE	Electricity Substation	1985	62186
Q	426m SE	Electricity Substation	1993	60588
Q	426m SE	Electricity Substation	1985	63176
Q	428m SE	Electricity Substation	1982	56825
Q	428m SE	Electricity Substation	1982	56825
Q	428m SE	Electricity Substation	1982	56825
Q	428m SE	Electricity Substation	1988	56825
Q	428m SE	Electricity Substation	1985	56825
AN	478m NW	Electricity Substation	1988	50759
AN	478m NW	Electricity Substation	1985	50759
AN	478m NW	Electricity Substation	1972	50759
AN	479m NW	Electricity Substation	1995	50759
AN	479m NW	Electricity Substation	1995	50759

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

115

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 28 >](#)

ID	Location	Land Use	Date	Group ID
C	62m NE	Garage	1989	18402
C	62m NE	Garage	1995	19184
C	62m NE	Garage	1995	19186
C	62m NE	Garage	1982	21455
C	62m NE	Garage	1986	21455
C	63m NE	Garage	1989	19184
C	63m NE	Garage	1975	20100
C	67m NE	Garage	1995	18553
C	67m NE	Garage	1982	18512
C	67m NE	Garage	1986	18512
C	67m NE	Garage	1989	21481
C	68m NE	Garage	1975	18512
C	74m NE	Garage	1989	19186
D	76m S	Garage	1982	20374
D	76m S	Garage	1986	20374
D	76m S	Garage	1989	20374
D	76m S	Garage	1959	18932
D	77m S	Garage	1957	19348
D	77m S	Garage	1975	19046
D	78m S	Garage	1995	18195
E	88m E	Garage	1959	18763
F	91m N	Garage	1986	19203
F	95m N	Garage	1995	18382



ID	Location	Land Use	Date	Group ID
F	97m N	Garage	1989	18382
F	104m N	Garage	1982	18754
F	104m NW	Garage	1982	19188
F	105m NW	Garage	1975	19188
E	105m E	Garage	1957	20306
F	130m N	Garage	1975	21124
J	142m NW	Garage	1995	19433
J	143m NW	Garage	1957	20645
J	143m NW	Garage	1975	20794
J	143m NW	Garage	1989	17074
J	144m NW	Central Garage	1982	16294
J	144m NW	Garage	1959	20645
I	158m SW	Garage	1959	20329
I	159m SW	Garage	1957	20329
L	172m N	Garage	1982	16498
L	172m N	Garage	1986	16498
L	172m N	Garage	1975	20291
I	174m S	Garage	1958	20329
I	175m S	Garage	1957	18906
F	179m N	Garage	1995	16466
F	179m N	Garage	1982	20860
F	179m N	Garage	1986	20860
F	179m N	Garage	1989	20860
F	180m N	Garage	1975	18269
I	184m S	Garage	1985	20886
I	185m S	Garage	1988	21661
N	203m SW	Garage	1959	20533
N	203m SW	Garage	1959	20533

ID	Location	Land Use	Date	Group ID
I	211m S	Garage	1985	17573
I	234m S	Garage	1982	17944
I	234m S	Garage	1982	17944
I	234m S	Garage	1982	17944
F	245m N	Garage	1959	20871
R	246m W	Garage	1988	20038
R	247m W	Garage	1998	20320
R	247m W	Garage	1994	20320
F	251m N	Garage	1957	18658
F	251m N	Garage	1975	19110
F	252m N	Garage	1982	20244
R	262m W	Garage	1987	21586
R	262m W	Garage	1978	21586
R	264m W	Garage	1959	18641
I	265m S	Garage	1985	16699
R	269m W	Garage	1959	18642
R	273m SW	Garage	1988	20552
R	273m SW	Garage	1998	18480
R	273m SW	Garage	1994	18480
I	275m S	Garage	1958	21143
I	276m S	Garage	1957	21143
I	278m S	Garage	1982	19973
I	278m S	Garage	1982	19973
I	278m S	Garage	1982	19973
I	279m S	Garage	1993	17815
I	279m S	Garage	1985	16699
I	295m S	Garage	1982	17226
I	295m S	Garage	1982	17226

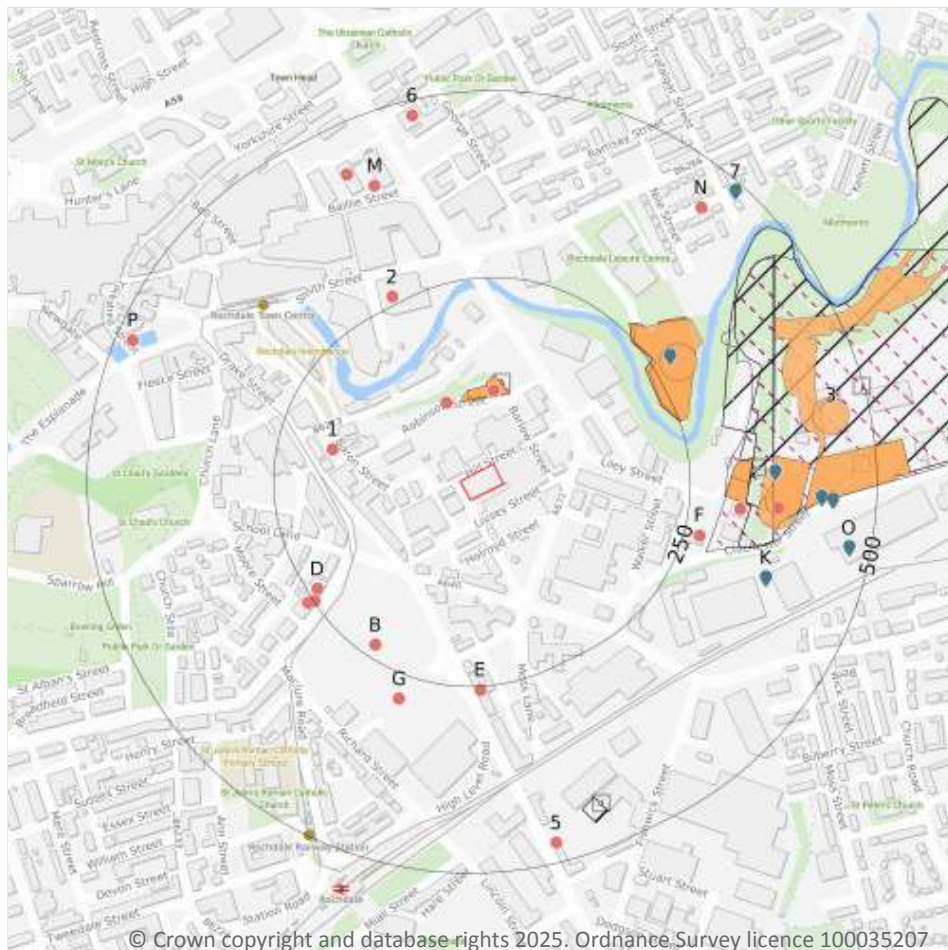
ID	Location	Land Use	Date	Group ID
I	295m S	Garage	1982	17226
W	341m N	Garage Works	1984	19822
W	341m N	Garage Works	1983	19822
W	356m N	Garage Works	1975	18339
X	358m N	Garage	1988	22055
X	359m N	Garage	1985	22055
Z	366m SW	Garage	1958	17907
Z	366m SW	Garage	1957	18969
Z	367m SW	Garage	1988	20900
Z	367m SW	Garage	1978	20900
Z	367m SW	Garage	1985	20900
X	370m N	Garage	1995	18087
X	370m N	Garage	1995	18087
Z	389m SW	Garage	1988	16737
Z	389m SW	Garage	1978	16737
Z	389m SW	Garage	1985	16737
Z	397m SW	Garage	1958	18969
Z	402m SW	Garage	1957	21626
AD	406m NE	Garage	1984	21843
AD	406m NE	Garage	1983	21843
AD	406m NE	Garage	1975	20576
AD	406m NE	Garage	1989	21208
AD	407m NE	Garage	1959	21470
P	407m NE	Motor Body Repair Works	1984	16989
P	407m NE	Motor Body Repair Works	1983	16989
P	408m NE	Motor Body Repair Works	1975	16484
AE	415m N	Garage	1996	17868
AE	415m N	Garage	1993	17868

ID	Location	Land Use	Date	Group ID
AE	416m N	Garage	1989	17868
P	420m NE	Garage	1996	17198
P	420m NE	Garage	1993	21898
P	420m NE	Garage	1989	21898
AD	426m NE	Garage	1957	17877
19	461m N	Garage	1975	16131
AM	475m S	Garage	1995	16425
AM	476m S	Garage	1989	16425

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

4

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

Features are displayed on the Waste and landfill map on [page 46 >](#)

ID	Location	Site address	Source	Data type
H	286m E	Refuse Tip	1957 mapping	Polygon
H	317m E	Refuse Tip	1962 mapping	Polygon
H	317m E	Refuse Tip	1986 mapping	Polygon
J	362m E	Refuse Tip	1956 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

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		
J	303m E	Site Address: Waithlands, Milnrow, Richdale, Greater Manchester Licence Holder Address: -	Waste Licence: Yes Site Reference: D026, RD/RES/045/80 Waste Type: Inert, Industrial, Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 15/03/1985 Licence Surrender: 31/12/1991	Operator: County Borough of Rochdale Licence Holder: Greater Manchester Waste Disposal Authority First Recorded 31/12/1922 Last Recorded: 07/07/1985
4	431m SE	Site Address: Fishwick Street, Rochdale Licence Holder Address: Off Fishwick Street, Rochdale	Waste Licence: Yes Site Reference: RD/LIC/477/87 Waste Type: Inert, Industrial, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 04/06/1987 Licence Surrender: 10/10/1990	Operator: - Licence Holder: Rochdale Timber Company First Recorded 01/07/1987 Last Recorded: 31/12/1989



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

3.5 Historical waste sites

Records within 500m	25
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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
A	88m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995
A	90m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1989
A	90m N	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1975
A	91m N	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1982
A	91m N	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1986
C	235m NE	Site Address: N/A	Type of Site: Incinerator Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995
C	235m NE	Site Address: N/A	Type of Site: Incinerator Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1982



ID	Location	Address	Further Details	Date
C	235m NE	Site Address: N/A	Type of Site: Incinerator Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1986
C	235m NE	Site Address: N/A	Type of Site: Incinerator Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1989
C	236m NE	Site Address: N/A	Type of Site: Incinerator Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1975
C	238m NE	Site Address: N/A	Type of Site: Incinerator Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1976
C	258m NE	Site Address: Rochdale Incineration Plant, Entwisle Road, ROCHDALE, Greater Manchester, OL16 2	Type of Site: Waste Transfer Station Incinerator Building Planning application reference: D31785 Description: Scheme provides conversion of incineration plant into waste transfer station and re-cycling facility. Construction - roller shutter x 3 doors. Scheme provides conversion of incineration plant into waste transfer station and re-cycling facility. Anation (ref: D31785) for Detailed Planning permission was submitted to Rochdale B.C. on 10th March 1995. Data source: Historic Planning Application Data Type: Point	01/09/1995
I	297m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1989
I	298m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1986



ID	Location	Address	Further Details	Date
I	298m E	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
I	305m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1986
I	342m E	Site Address: N/A	Type of Site: Waste Disposal Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1989
I	343m E	Site Address: Greater Manchester Waste Dispo, Chichester Street, Rochdale, Greater Manchester, OL16 2AU	Type of Site: Biowaste Transfer Station Planning application reference: 19/00760/FUL Description: Scheme comprises development of a biowaste transfer station and wheel wash with two 10 meters high fire water tank on the site of a former in-vessel composting facility and construction of 3 kiosks. Scheme also includes polycarbonate. Data source: Historic Planning Application Data Type: Point	05/07/2019
I	351m E	Site Address: Waithlands, Chichester Street, ROCHDALE, Greater Manchester, OL16 2	Type of Site: Waste Transfer Station Planning application reference: 07/D49003 Description: Scheme comprises formation of waste resource centre - to include transfer loading station, materials recovery facility and an in vessel composting facility. An application (ref: 07/D49003) for detailed planning permission was granted by Rochdale B.C. Pnning decision obtained Data source: Historic Planning Application Data Type: Point	16/12/2007
I	362m E	Site Address: N/A	Type of Site: Waste Disposal Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1988
I	362m E	Site Address: N/A	Type of Site: Waste Disposal Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1990



ID	Location	Address	Further Details	Date
J	399m E	Site Address: N/A	Type of Site: Ground Workings and Refuse Heap Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1958
L	405m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1988
L	405m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1990
3	422m E	Site Address: Waithlands, Chichester Street, ROCHDALE, Greater Manchester, OL16 2AX	Type of Site: Recycling Centre Planning application reference: 07/D49859 Description: Scheme comprises redevelopment and extension of household waste recycling centre, construction of an In-Vessel composting and transfer loading station. An application (ref: 07/D49859) for detailed planning permission was granted by Rochdale B.C. This is part of the PFI waste management scheme, lead 05087716 Costain has been awarded the main contract. Works have commenced on site. Please note the addition of the M&E sub contractor. Data source: Historic Planning Application Data Type: Point	01/07/2009

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

3.6 Licensed waste sites

Records within 500m	23
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on [page 46](#) >



ID	Location	Details		
C	276m NE	Site Name: Rochdale Transfer Loading Station Site Address: Old Rochdale Incinerator, Entwistle Road, Rochdale, Lancashire, OL16 2JE Correspondence Address: Po Box 151, Higher Swan Lane, Bolton, Lancashire, BL3 3WW	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW014 EPR reference: - Operator: G M Waste Ltd Waste Management licence No: 53780 Annual Tonnage: 7800	Issue Date: 10/06/1993 Effective Date: - Modified: 28/03/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
C	276m NE	Site Name: Rochdale Transfer Loading Station Site Address: Old Rochdale Incinerator, Entwistle Road, Rochdale, Lancashire, OL6 2HZ Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW014 EPR reference: EA/EPR/CP3296CH/S005 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53780 Annual Tonnage: 1653600	Issue Date: 10/06/1993 Effective Date: - Modified: 28/05/2009 Surrendered Date: 06/01/2011 Expiry Date: - Cancelled Date: - Status: Surrendered
C	276m NE	Site Name: Rochdale Transfer Loading Station Site Address: Old Rochdale Incinerator, Entwistle Road, Rochdale, Lancashire, OL6 2HZ Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: GMW014 EPR reference: EA/EPR/CP3296CH/S005 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53780 Annual Tonnage: 1653600	Issue Date: 10/06/1993 Effective Date: - Modified: 28/05/2009 Surrendered Date: Jan 6 2011 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
C	276m NE	Site Name: Rochdale Transfer Loading Station Site Address: Old Rochdale Incinerator, Entwistle Road, Rochdale, Lancashire, OL6 2HZ Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 635397 EPR reference: EA/EPR/CP3296CH Operator: Viridor Waste (Greater Manchester) Limited Waste Management licence No: 53780 Annual Tonnage: 1653600	Issue Date: 10/06/1993 Effective Date: 10/06/1993 Modified: 10/06/1993 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Surrendered



ID	Location	Details		
I	363m E	Site Name: Waithlands Site Address: Waithlands, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE093 EPR reference: EA/EPR/YP3295EK/V002 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 100187 Annual Tonnage: 170000	Issue Date: 28/03/2008 Effective Date: - Modified: 15/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
I	363m E	Site Name: Waithlands H W R C, T L S And I V C Site Address: Waithlands H W R C, T L S & I V C, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE093 EPR reference: EA/EPR/YP3295EK/V003 Operator: Viridor Waste (Greater Manchester) Limited Waste Management licence No: 100187 Annual Tonnage: 170000	Issue Date: 28/03/2008 Effective Date: - Modified: 04/09/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
I	363m E	Site Name: Waithlands Site Address: Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: P O Box 151, Higher Swan Lane, Bolton, BL3 3WW	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE093 EPR reference: - Operator: Greater Manchester Waste Ltd Waste Management licence No: 100187 Annual Tonnage: 0	Issue Date: 28/03/2008 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
I	363m E	Site Name: Waithlands H W R C, T L S And I V C Site Address: Waithlands H W R C, T L S & I V C, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE093 EPR reference: EA/EPR/YP3295EK/V004 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 100187 Annual Tonnage: 74999	Issue Date: 28/03/2008 Effective Date: - Modified: 10/09/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
I	363m E	Site Name: Waithlands H W R C, T L S And I V C Site Address: Waithlands H W R C, T L S & I V C, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SUE014 EPR reference: EA/EPR/GB3907ML/T001 Operator: S U E Z Recycling And Recovery U K Ltd Waste Management licence No: 100187 Annual Tonnage: 74999	Issue Date: 28/03/2008 Effective Date: 01/06/2019 Modified: 14/05/2018 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
I	363m E	Site Name: Waithlands H W R C, T L S And I V C Site Address: Waithlands H W R C, T L S & I V C, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE093 EPR reference: EA/EPR/YP3295EK/V005 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 100187 Annual Tonnage: 74999	Issue Date: 28/03/2008 Effective Date: - Modified: 14/05/2018 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

ID	Location	Details		
I	363m E	Site Name: Waithlands H W R C, T L S And I V C Site Address: Waithlands H W R C, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 644035 EPR reference: EA/EPR/GB3907ML Operator: Suez Recycling And Recovery Uk Ltd Waste Management licence No: 100187 Annual Tonnage: 74999	Issue Date: 28/03/2008 Effective Date: 28/03/2008 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
K	373m E	Site Name: Waithlands Civic Amenity Site Site Address: Land/premises At, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW010 EPR reference: EA/EPR/FP3792CE/V002 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53513 Annual Tonnage: 3943.333	Issue Date: 01/02/1995 Effective Date: - Modified: 15/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
K	373m E	Site Name: Waithlands Civic Amenity Site Site Address: Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW010 EPR reference: - Operator: G M Waste Ltd Waste Management licence No: 53513 Annual Tonnage: 3943.33	Issue Date: 01/02/1995 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
K	373m E	Site Name: Waithlands Civic Amenity Site Site Address: Land/premises At, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW010 EPR reference: EA/EPR/FP3792CE/V002 Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53513 Annual Tonnage: 3943.333	Issue Date: 01/02/1995 Effective Date: - Modified: 15/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
K	373m E	Site Name: Waithlands Civic Amenity Site Site Address: Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GMW010 EPR reference: FP3792CE/V Operator: Viridor Waste (Greater Manchester) Ltd Waste Management licence No: 53513 Annual Tonnage: 3943	Issue Date: 01/02/1995 Effective Date: - Modified: 15/06/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
K	373m E	Site Name: Waithlands Civic Amenity Site Site Address: Land/premises At, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 639569 EPR reference: EA/EPR/FP3792CE Operator: Viridor Waste (Greater Manchester) Limited Waste Management licence No: 53513 Annual Tonnage: 3943	Issue Date: 01/02/1995 Effective Date: 01/02/1995 Modified: 01/02/1995 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked



ID	Location	Details		
I	426m E	Site Name: Allparts (Rochdale) Limited Site Address: Unit 10 & 11, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ALL138 EPR reference: EA/EPR/NB3838RA/T001 Operator: Allparts (Rochdale) Limited Waste Management licence No: 53593 Annual Tonnage: 2499	Issue Date: 06/08/1996 Effective Date: 24/04/2013 Modified: 05/06/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
I	426m E	Site Name: Allparts (nationwide) Ltd Site Address: Unit 10 & 11, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ALL148 EPR reference: EA/EPR/NB3838RA/T001 Operator: Allparts (nationwide) Limited Waste Management licence No: 53593 Annual Tonnage: 2499	Issue Date: 06/08/1996 Effective Date: 14/03/2016 Modified: 05/06/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
I	426m E	Site Name: Allparts (nationwide) Ltd Site Address: Unit 10 & 11, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 639822 EPR reference: EA/EPR/NB3838RA Operator: Allparts (Nationwide) Limited Waste Management licence No: 53593 Annual Tonnage: 2499	Issue Date: 06/08/1996 Effective Date: 06/08/1996 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
I	441m E	Site Name: Allparts Rochdale Site Address: Plots 10 & 11, Chichester Street, Rochdale, Lancashire, OL16 2AU Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RSR001 EPR reference: EA/EPR/RP3992CG/V002 Operator: Robert Stuart Raynor Waste Management licence No: 53593 Annual Tonnage: 152.8	Issue Date: 06/08/1996 Effective Date: - Modified: 05/06/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
O	470m E	Site Name: Allparts Vehicle Dismantlers Site Address: Plots 10 & 11, Chichester Street, Rochdale, OL16 2AU Correspondence Address: Plots 10 & 11, Chichester Street, Rochdale, OL16 2AU	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RSR001 EPR reference: - Operator: Allparts Rochdale Ltd Waste Management licence No: 53593 Annual Tonnage: 152.8	Issue Date: 06/08/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
O	470m E	Site Name: Robert Stuart Raynor Site Address: Plots 10 & 11, Chichester Street, Rochdale, OL16 2AU Correspondence Address: Robert Stuart Raynor, Brink Top Farm, Brink Top, Todmorden, OL14 6JB	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RSR001 EPR reference: - Operator: Robert Stuart Raynor Waste Management licence No: 53593 Annual Tonnage: 153	Issue Date: 06/08/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
7	487m NE	Site Name: T A Motors Site Address: T A Motors, Trafalgar Street, Rochdale, Lancashire, OL16 2JL Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 661192 EPR reference: EA/EPR/FP3394CF Operator: Tahir Mahmood Waste Management licence No: 50346 Annual Tonnage: 2500	Issue Date: 02/07/2004 Effective Date: 02/07/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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



3.7 Waste exemptions

Records within 500m	69
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Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 46](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX163158	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX163158	Using waste exemption	Not on a farm	Use of waste in construction
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX163158	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX163158	Treating waste exemption	Not on a farm	Recovery of scrap metal
A	97m N	Robinson Street Rochdale OL16 1tq	WEX003565	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	97m N	Robinson Street Rochdale OL16 1tq	WEX003565	Using waste exemption	Not on a farm	Use of waste in construction
A	97m N	Robinson Street Rochdale OL16 1tq	WEX003565	Treating waste exemption	Not on a farm	Recovery of scrap metal
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX301048	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX301048	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX301048	Using waste exemption	Not on a farm	Use of waste in construction
A	97m N	Robinson Street, Rochdale, OL16 1tq	WEX301048	Treating waste exemption	Not on a farm	Recovery of scrap metal
A	98m N	Rochdale Metals Robinson Street Rochdale Lancashire OL16 1tq	EPR/XF0609BC /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
A	98m N	Rochdale Metals Robinson Street Rochdale Lancashire OL16 1tq	EPR/XF0609BC /A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal



ID	Location	Site	Reference	Category	Sub-Category	Description
A	101m NW	Rochdale Metals Robinson Street Rochdale Lancashire OL16 1tq	EPR/YF0809N U/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
1	176m W	Drill Hall, Baron Street, Rochdale, OL16 1sj	WEX257464	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
B	233m SW	-	WEX342033	Treating waste exemption	Not on a farm	Screening and blending of waste
B	233m SW	-	WEX342033	Using waste exemption	Not on a farm	Use of waste in construction
D	238m SW	130 Drake Street, Rochdale, OL16 1pn	EXP/VP3347YS	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	238m SW	130 Drake Street, Rochdale, OL16 1pn	NC3/000012	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	238m SW	130 Drake Street, Rochdale, OL16 1pn	EXP/WP3045LM	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	250m SW	128 Drake Street, Rochdale, OL16 1pn	EXP/JP3446YN	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
E	255m S	81-83, Oldham Road, Rochdale, OL16 5qr	WEX352740	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	255m S	81, Oldham Road, Rochdale, OL16 5qr	EXP/QP3646YB	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	258m SW	130 Drake Street, Rochdale, OL16 1pn	EA/EPR/VP3945UX/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
2	261m NW	Willmot Dixon Office, Off John Street, Rochdale, OL16 1yh	WEX159260	Using waste exemption	Not on a farm	Use of waste in construction
F	271m E	Liley Street Rochdale Lancashire OL16 2as	EPR/TE5481KK/A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal
F	271m E	Liley Street Rochdale Lancashire OL16 2as	EPR/TE5481KK/A001	Using waste exemption	Non-agricultural waste only	Use of depolluted end-of-life vehicles for vehicle parts
G	284m S	-	WEX335497	Using waste exemption	Not on a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
G	284m S	-	WEX335497	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	284m S	-	WEX335497	Using waste exemption	Not on a farm	Use of mulch
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX137871	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX137871	Using waste exemption	Not on a farm	Use of waste in construction
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX137871	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX137871	Using waste exemption	Not on a farm	Incorporation of ash into soil
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX137871	Using waste exemption	Not on a farm	Use of waste for a specified purpose
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX138046	Using waste exemption	Not on a farm	Use of waste in construction
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX138046	Using waste exemption	Not on a farm	Use of waste for a specified purpose
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX138046	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX138046	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX138046	Using waste exemption	Not on a farm	Incorporation of ash into soil
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX138046	Using waste exemption	Not on a farm	Use of mulch
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX137871	Using waste exemption	Not on a farm	Use of mulch
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX137871	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
I	319m E	The Klondike, Chichester Street, Rochdale, OL16 2au	WEX138046	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
I	368m E	5-7, Chichester Street, Rochdale, OL16 2au	WEX426428	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
M	405m NW	-	WEX283043	Using waste exemption	Not on a farm	Use of waste in construction
M	435m NW	-	WEX253596	Treating waste exemption	Not on a farm	Screening and blending of waste
M	435m NW	-	WEX253596	Using waste exemption	Not on a farm	Use of waste in construction
N	441m NE	Land Nile Street Rochdale Lancashire OL16 2jq	EPR/ZF0505FK /A001	Using waste exemption	Non-agricultural waste only	Use of waste in construction
N	441m NE	Land Nile Street Rochdale Lancashire OL16 2jq	EPR/ZF0505FK /A001	Treating waste exemption	Non-agricultural waste only	Screening and blending of waste
5	474m S	The Landing Oldham Road Rochdale OL16 5qy	EPR/LF0306NP /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
P	478m NW	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
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in secure containers
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
P	478m NW	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
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Treating waste exemption	Non-agricultural waste only	Recovery of waste at a waste water treatment works



ID	Location	Site	Reference	Category	Sub-Category	Description
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Treating waste exemption	Non- agricultura l waste only	Preparatory treatments (baling, sorting, shredding etc)
P	478m NW	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
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Using waste exemption	Non- agricultura l waste only	Use of waste in construction
P	478m NW	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
P	478m NW	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
P	478m NW	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
P	478m NW	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
P	478m NW	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
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Disposing of waste exemption	Non- agricultura l waste only	Burning waste in the open
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Treating waste exemption	Non- agricultura l waste only	Treatment of waste aerosol cans

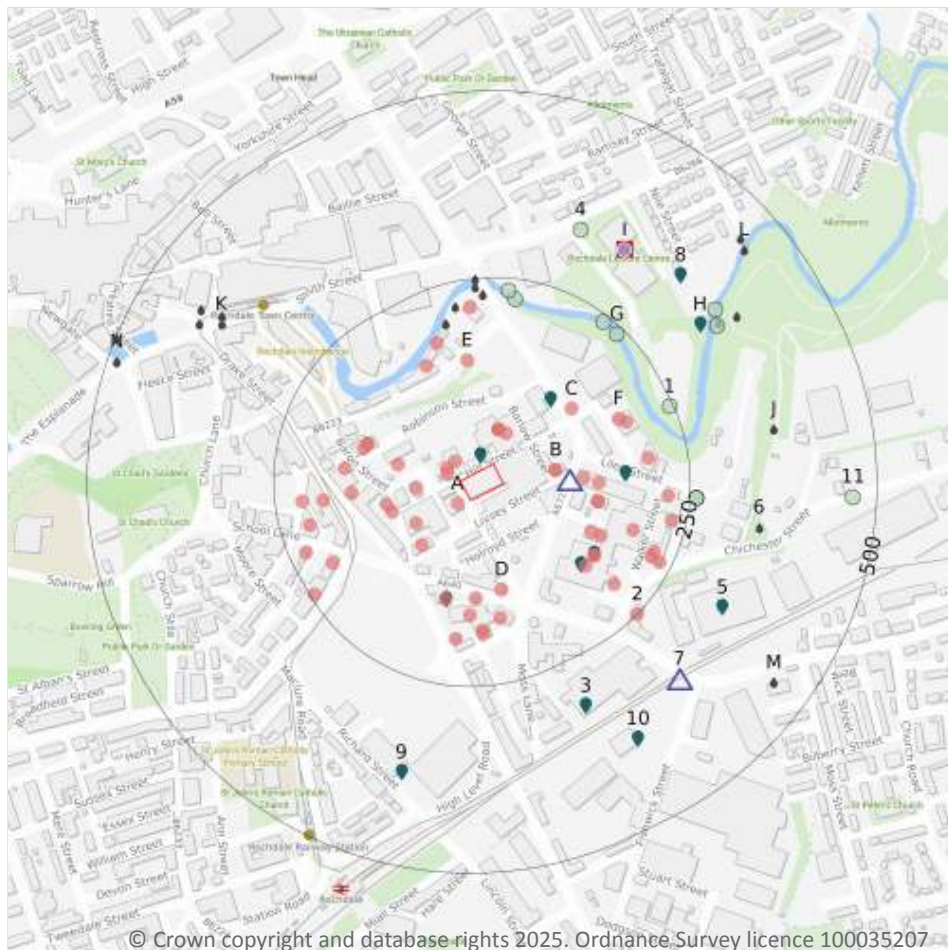


ID	Location	Site	Reference	Category	Sub-Category	Description
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Treating waste exemption	Non- agricultura l waste only	Screening and blending of waste
P	478m NW	Bank 5 5 South Parade OL16 1lr	EPR/DE5949FT /A001	Using waste exemption	Non- agricultura l waste only	Use of mulch
6	479m N	Arien House John Street Rochdale OL16 2hp	EA/EPR/VP375 5EF/A001	Treating waste exemption	Non- agricultura l waste only	Repair or refurbishment of WEEE

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
- Historical licensed industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- List 1 Dangerous Substances
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

60

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 65 >](#)

ID	Location	Company	Address	Activity	Category
A	18m SW	Lion Springs Ltd	Summer Street, Rochdale, Greater Manchester, OL16 1SY	Special Purpose Machinery and Equipment	Industrial Products
A	20m NW	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features



ID	Location	Company	Address	Activity	Category
A	24m NW	M S A Wheels & Castors	Hill Street, Rochdale, Greater Manchester, OL16 1SR	Special Purpose Machinery and Equipment	Industrial Products
A	26m NW	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
A	45m N	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
A	46m N	Vale Mill Rochdale Ltd	Minky Homecare-Vale Mill, Robinson Street, Rochdale, Greater Manchester, OL16 1TA	Cleaning Equipment and Supplies	Industrial Products
A	46m N	Minky Homecare Products	Robinson Street, Rochdale, Greater Manchester, OL16 1TA	Cleaning Equipment and Supplies	Industrial Products
A	46m N	Minky	Valemill, Robinson Street, Rochdale, Greater Manchester, OL16	Cleaning Equipment and Supplies	Industrial Products
A	60m W	Msa Pallet Truck Services Ltd	Summer Castle Works, Todd Street, Rochdale, Greater Manchester, OL16 1SW	Lifting and Handling Equipment	Industrial Products
B	72m E	Kap Autolocks	12, Barlow Street, Rochdale, Greater Manchester, OL16 1TG	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	72m E	Rochdale Car Sales	Village Car Centre Ltd, Molesworth Street, Rochdale, Greater Manchester, OL16 1TS	Secondhand Vehicles	Motoring
A	79m SW	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
A	87m W	Mast (Telecommu nication)	Greater Manchester, OL16	Telecommunications Features	Infrastructure and Facilities
A	89m SW	Roma Publications	Second Floor Caledonia House 1, Livsey Street, Rochdale, Greater Manchester, OL16 1SS	Published Goods	Industrial Products
A	100m SW	Electricity Sub Station	Greater Manchester, OL16	Electrical Features	Infrastructure and Facilities
A	104m W	Ocean Refrigeratio n	28, Baron Street, Rochdale, Greater Manchester, OL16 1SJ	Electrical Equipment Repair and Servicing	Repair and Servicing
B	107m E	Halfords Autocentre	Halfords Autocentre, Liley Street, Rochdale, Greater Manchester, OL16 2AS	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	127m S	Mitchells	29-31, Milnrow Road, Rochdale, Greater Manchester, OL16 1UG	Vehicle Parts and Accessories	Motoring



ID	Location	Company	Address	Activity	Category
B	128m E	National Tyres and Autocare	Liley Street, Rochdale, Greater Manchester, OL16 2AS	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	128m NE	Electricity Sub Station	Greater Manchester, OL16	Electrical Features	Infrastructure and Facilities
B	129m E	Murphy North-west	Harriett Street, Rochdale, Greater Manchester, OL16 2BB	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	129m E	Murphys N W	Harriett Street, Rochdale, Greater Manchester, OL16 2BB	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	132m S	Electricity Sub Station	Greater Manchester, OL16	Electrical Features	Infrastructure and Facilities
A	134m W	Umar Enterprises	Noor Building, Kenion Street, Rochdale, Greater Manchester, OL16 1SN	Ropes, Nets and Cordage	Industrial Products
A	134m W	Stones Window Blinds	Castle Works, Baron Street, Rochdale, Greater Manchester, OL16 1SJ	Curtains and Blinds	Consumer Products
B	134m SE	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
A	137m W	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
D	137m S	Northern Accident Repair	Independent House, 43, Oldham Road, Rochdale, Greater Manchester, OL16 5QJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	143m N	webuyanycar.com	Pod Building On Car Park, Water Street Car Park, Rochdale, Greater Manchester, OL16 1TL	Secondhand Vehicles	Motoring
A	147m W	Rochdale Trade Beds	89, Drake Street, Rochdale, Greater Manchester, OL16 1SD	Beds and Bedding	Consumer Products
B	147m SE	Electricity Sub Station	Greater Manchester, OL16	Electrical Features	Infrastructure and Facilities
B	154m SE	Taylor Engineering & Plastics	Molesworth Street, Rochdale, Greater Manchester, OL16 2BD	Industrial Engineers	Engineering Services
B	154m SE	Elite Hand Car Wash	Molesworth Street, Rochdale, Greater Manchester, OL16 2BD	Vehicle Cleaning Services	Personal, Consumer and Other Services
D	154m S	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
B	155m SE	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features



ID	Location	Company	Address	Activity	Category
A	156m W	Voltalab Sound Studios	Voltalab Ltd, Kenion Street, Rochdale, Greater Manchester, OL16 1SN	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
E	158m NW	Robinsons of Rochdale	Central Garage, Water Street, Rochdale, Greater Manchester, OL16 1UH	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	163m S	All Bikes Rochdale	48, Milnrow Road, Rochdale, Greater Manchester, OL16 1UD	New Vehicles	Motoring
D	176m S	Britannia Motors 4x4 Ltd	Wood Street Garage, Wood Street, Rochdale, Greater Manchester, OL16 5QN	Secondhand Vehicles	Motoring
F	177m NE	S A M Performance	2, March Street, Rochdale, Greater Manchester, OL16 2AP	Secondhand Vehicles	Motoring
E	179m NW	Solely Scooters	39a, Water Street, Rochdale, Greater Manchester, OL16 1TL	New Vehicles	Motoring
D	180m S	Northern Accident Repair	Wood Street, Rochdale, Greater Manchester, Greater Manchester, OL16 5QN	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	184m E	Central Hydraulic Services Ltd	Walker Street, Rochdale, Greater Manchester, OL16 2AB	Industrial Repairs and Servicing	Repair and Servicing
F	185m NE	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
A	186m W	Blinds Inn	Former Rochdale Observer Buildings 82-90, Drake Street, Rochdale, Greater Manchester, OL16 1PQ	Curtains and Blinds	Consumer Products
D	187m S	Line Art	57, Oldham Road, Rochdale, Greater Manchester, OL16 5QJ	Textiles, Fabrics, Silk and Machinery	Industrial Products
B	197m E	Commercial Filters Ltd	March Street, Rochdale, Greater Manchester, OL16 2AP	Air and Water Filtration	Industrial Products
B	200m SE	Electricity Sub Station	Greater Manchester, OL16	Electrical Features	Infrastructure and Facilities
A	203m SW	Indus Print Ltd	112, Drake Street, Rochdale, Greater Manchester, OL16 1PN	Published Goods	Industrial Products
A	210m W	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
E	212m N	Premier Kia	Premier Mitsubishi, Water Street, Rochdale, Greater Manchester, OL16 1TL	New Vehicles	Motoring



ID	Location	Company	Address	Activity	Category
A	213m W	Crane	Greater Manchester, OL16	Travelling Cranes and Gantries	Industrial Features
B	221m SE	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
B	221m SE	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
B	221m E	Hy-speed Tyre Service	Hy-Speed Tyre Service, Walker Street, Rochdale, Greater Manchester, OL16 2AB	Vehicle Parts and Accessories	Motoring
A	228m SW	S A Signs	50, School Lane, Rochdale, Greater Manchester, OL16 1QP	Signs	Industrial Products
B	231m E	Works	Greater Manchester, OL16	Unspecified Works Or Factories	Industrial Features
B	234m SE	Holden Motors	Old Smithy, Walker Street, Rochdale, Greater Manchester, OL16 2AB	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	244m SW	Just Beds	126, Drake Street, Rochdale, Greater Manchester, OL16 1PN	Beds and Bedding	Consumer Products
2	250m SE	Freudenber g Household Products	2, Chichester Street, Rochdale, Greater Manchester, OL16 2AX	Cleaning Equipment and Supplies	Industrial Products

This data is sourced from Ordnance Survey.

4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m

0

Current or recent tanks identified from the Ordnance Survey NGD.

This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 65 >](#)

ID	Location	Company	Address	LPG	Status
B	88m E	TOTAL	Molesworth Street, Rochdale, Greater Manchester, OL16 1TP	Not Applicable	Obsolete



ID	Location	Company	Address	LPG	Status
7	352m SE	OBSOLETE	Milnrow Road, Rochdale, Greater Manchester, OL16 1SY	Not Applicable	Obsolete

This data is sourced from Experian.

4.4 Electricity cables

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

This data is sourced from National Grid.

4.5 Gas pipelines

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

This data is sourced from National Grid.

4.6 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m	0
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Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.8 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.

4.9 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

Records within 500m

2

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.

Features are displayed on the Current industrial land use map on [page 65 >](#)

ID	Location	Details	
I	336m NE	Operator: Greater Manchester Waste Ltd Address: Rochdale Incineration Plant, Entwisle Road, Rochdale, Lancashire, OL16 2JE Process: Incineration Permit Number: AG8381	Original Permit Number: IPCAIRAPP Date Approved: 30-7-1993 Effective Date: 30-7-1993 Status: Superseded By Variation
I	336m NE	Operator: Greater Manchester Waste Ltd Address: Rochdale Incineration Plant, Entwisle Road, Rochdale, Lancashire, OL16 2JE Process: Incineration Permit Number: AM0244	Original Permit Number: IPCMINVAR Date Approved: 15-2-1994 Effective Date: 21-2-1994 Status: Revoked

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



4.11 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

12

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 65 >](#)

ID	Location	Address	Details	
A	18m NW	Vale Mill (Homecare) Products, Minky, New Oxford Mill, Bentley Street, Rochdale, Lancashire, OL16 1HR	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
C	116m NE	Molesworth Sreet Service, Molesworth Street, Rochdale, OL16 1TP	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
D	137m S	Northern Accident Repair Ltd, Wood Street, Rochdale, Lancashire, OL16 5QN	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
B	149m SE	Taylor Engineering & Plastics, Molesworth Street, Rochdale, Lancashire, OL16 1TP	Process: Manufacture Of Fibre Reinforced Plastics ; Di-isocyanate Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
B	153m SE	Taylor Enginnering and Plastics, 3 March Street, Rochdale, OL16 2AP	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
B	163m E	Thomas Sandiford Injector Wks, Liley St, OL16 2AR	Process: Non-ferrous Metal Foundry Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
3	316m SE	Dresser Mouldings Ltd, Station Yard Sawmills, Wood Street, Rochdale, Lancashire, OL16 5QN	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
H	334m NE	Readymix Concrete Nw Ltd, Nile Street, Rochdale	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
5	336m SE	Taylor Enginnering and Plastics, Unit 18, Chicester Business Centre, Chichester Street, OL16 2AU	Process: Resin Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
8	356m NE	Isaac Butterworths, Nile Street, Rochdale, OL16 2JG	Process: Other Metal Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
9	377m S	Henly Ford, Oldham Rd, OL11 1BU	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



ID	Location	Address	Details	
10	386m SE	Pecision Poured Concrete Ltd, The Old Railway Yard, Fishwick Street, Rochdale, Lancashire, OL16 5NA	Process: Use of Bulk Cement Status: Current 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.

4.13 Radioactive Substance Authorisations

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

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

4.14 Licensed Discharges to controlled waters

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

Features are displayed on the Current industrial land use map on [page 65 >](#)

ID	Location	Address	Details	
E	198m N	WATER STREET CSO, ADJACENT 39 WATER STREET, ROCHDALE, GREATER MANCHESTER, OL16 1TL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0097 Permit Version: 2 Receiving Water: -	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 14/04/2020
E	198m N	WATER STREET CSO, ADJACENT 39 WATER STREET, ROCHDALE, GREATER MANCHESTER, OL16 1TL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0097 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
E	216m N	WATER STREET CSO, ADJACENT 39 WATER STREET, ROCHDALE, GREATER MANCHESTER, OL16 1TL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: EPRQB3593RF Permit Version: 1 Receiving Water: RIVER ROCH	Status: VARIED UNDER EPR 2010 Issue date: 15/04/2020 Effective Date: 15/04/2020 Revocation Date: -



ID	Location	Address	Details	
E	227m N	SMITH ST AND JOHN ST CSO 35021, JUNCTION OF SMITH ST AND JOHN ST, ROCHDALE, GREATER MANCHESTER, OL16 1TU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0039 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
E	227m N	SMITH ST AND JOHN ST CSO 35021, JUNCTION OF SMITH ST AND JOHN ST, ROCHDALE, GREATER MANCHESTER, OL16 1TU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0039 Permit Version: 2 Receiving Water: THE RIVER ROCH	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 30/03/2006
E	238m N	SMITH ST AND JOHN ST CSO 35021, JUNCTION OF SMITH ST AND JOHN ST, ROCHDALE, GREATER MANCHESTER, OL16 1TU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993536 Permit Version: 2 Receiving Water: RIVER ROCH	Status: VARIED UNDER EPR 2010 Issue date: 14/05/2018 Effective Date: 14/05/2018 Revocation Date: -
E	248m N	SMITH ST AND JOHN ST CSO 35021, JUNCTION OF SMITH ST AND JOHN ST, ROCHDALE, GREATER MANCHESTER, OL16 1TU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993536 Permit Version: 1 Receiving Water: THE RIVER ROCH	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 20/01/2006 Effective Date: 31/03/2006 Revocation Date: 13/05/2018
6	347m E	MILNROW ROAD/FISHWICK STREET CSO, MILNROW ROAD (FISHWICK STREET), ROCHDALE, GREATER MANCHESTER, OL16 5NP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: EPRQB3590VT Permit Version: 1 Receiving Water: MOSS BROOK, TRIB OF RIVER ROCH	Status: VARIED UNDER EPR 2010 Issue date: 15/04/2020 Effective Date: 15/04/2020 Revocation Date: -
H	356m NE	MILNROW ROAD/FISHWICK STREET CSO, MILNROW ROAD (FISHWICK STREET), ROCHDALE, GREATER MANCHESTER, OL16 5NP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993541 Permit Version: 1 Receiving Water: RIVER ROCH VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 27/11/2019 Effective Date: 27/11/2019 Revocation Date: -
J	369m E	MILNROW ROAD/PINE STREET CSO, 147 MILNROW ROAD, NEWHEY, ROCHDALE, GREATER MANCHESTER, OL16 5DN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0091 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994



ID	Location	Address	Details	
J	369m E	MILNROW ROAD/PINE STREET CSO, 147 MILNROW ROAD, NEWHEY, ROCHDALE, GREATER MANCHESTER, OL16 5DN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0091 Permit Version: 2 Receiving Water: -	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 11/11/2020
H	381m NE	TRAFALGAR STREET /RAMSEY STREET CSO, 106 RAMSEY STREET, ROCHDALE, GREATER MANCHESTER, OL16 2BX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: NPSWQD010102 Permit Version: 1 Receiving Water: RIVER ROCH	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/03/2010 Effective Date: 29/03/2010 Revocation Date: 03/12/2019
K	383m NW	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
K	383m NW	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: RIVER ROCH	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
K	389m NW	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
K	389m NW	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
K	408m NW	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 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 11/07/2005 Effective Date: 30/06/2006 Revocation Date: 30/09/2020



ID	Location	Address	Details	
K	416m NW	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: -
L	442m NE	RAMSEY ST W24, ROCHDALE, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0071 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
L	442m NE	RAMSEY ST W24, ROCHDALE, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0071 Permit Version: 2 Receiving Water: -	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 29/03/2010
L	448m NE	TRAFALGAR STREET /RAMSEY STREET CSO, 106 RAMSEY STREET, ROCHDALE, GREATER MANCHESTER, OL16 2BX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: NPSWQD010102 Permit Version: 2 Receiving Water: RIVER ROCH VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 04/12/2019 Effective Date: 04/12/2019 Revocation Date: -
M	449m SE	MILNROW ROAD/FISHWICK STREET CSO, MILNROW ROAD (FISHWICK STREET), ROCHDALE, GREATER MANCHESTER, OL16 5NP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0103 Permit Version: 2 Receiving Water: RIVER ROCH	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 22/06/2004
M	449m SE	MILNROW ROAD/FISHWICK STREET CSO, MILNROW ROAD (FISHWICK STREET), ROCHDALE, GREATER MANCHESTER, OL16 5NP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0027 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
M	449m SE	MILNROW ROAD/FISHWICK STREET CSO, MILNROW ROAD (FISHWICK STREET), ROCHDALE, GREATER MANCHESTER, OL16 5NP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0103 Permit Version: 1 Receiving Water: RIVER ROCH	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994



ID	Location	Address	Details	
M	449m SE	MILNROW ROAD/FISHWICK STREET CSO, MILNROW ROAD (FISHWICK STREET), ROCHDALE, GREATER MANCHESTER, OL16 5NP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0103 Permit Version: 3 Receiving Water: RIVER ROCH	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 23/06/2004 Effective Date: 23/06/2004 Revocation Date: 26/11/2019
M	449m SE	MILNROW ROAD/FISHWICK STREET CSO, MILNROW ROAD (FISHWICK STREET), ROCHDALE, GREATER MANCHESTER, OL16 5NP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01ROC0027 Permit Version: 2 Receiving Water: -	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 14/04/2020
N	487m W	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 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 11/07/2005 Effective Date: 31/03/2006 Revocation Date: 01/07/2018
N	487m W	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: -
N	498m W	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
N	498m W	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: RIVER ROCH	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994

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



4.15 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.

4.16 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.

4.17 List 1 Dangerous Substances

Records within 500m**1**

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.

Features are displayed on the Current industrial land use map on [page 65 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
I	336m NE	Greater Manchester Waste Disposal Authority	Not Active	River Roch, Manchester Ship Canal	Mercury (other), Cadmium

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

4.18 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.



4.19 Pollution Incidents (EA/NRW)

Records within 500m

12

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 65](#) >

ID	Location	Details	
E	223m N	Incident Date: 12/12/2002 Incident Identification: 125753 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)
E	234m N	Incident Date: 21/11/2002 Incident Identification: 122264 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
G	240m NE	Incident Date: 05/07/2001 Incident Identification: 14026 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)
G	241m NE	Incident Date: 02/08/2001 Incident Identification: 21386 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
1	245m NE	Incident Date: 08/10/2002 Incident Identification: 113270 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)
B	259m E	Incident Date: 16/10/2001 Incident Identification: 37021 Pollutant: Specific Waste Materials:Oils and Fuel Pollutant Description: Metal Wastes:Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	259m E	Incident Date: 16/10/2001 Incident Identification: 37021 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	259m E	Incident Date: 16/10/2001 Incident Identification: 37021 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
4	335m N	Incident Date: 28/03/2003 Incident Identification: 146826 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
H	353m NE	Incident Date: 23/01/2003 Incident Identification: 132891 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)
H	362m NE	Incident Date: 27/09/2002 Incident Identification: 111011 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11	468m E	Incident Date: 21/09/2001 Incident Identification: 32069 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	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.

4.20 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.

4.21 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.

4.22 Pollution inventory radioactive waste

Records within 500m

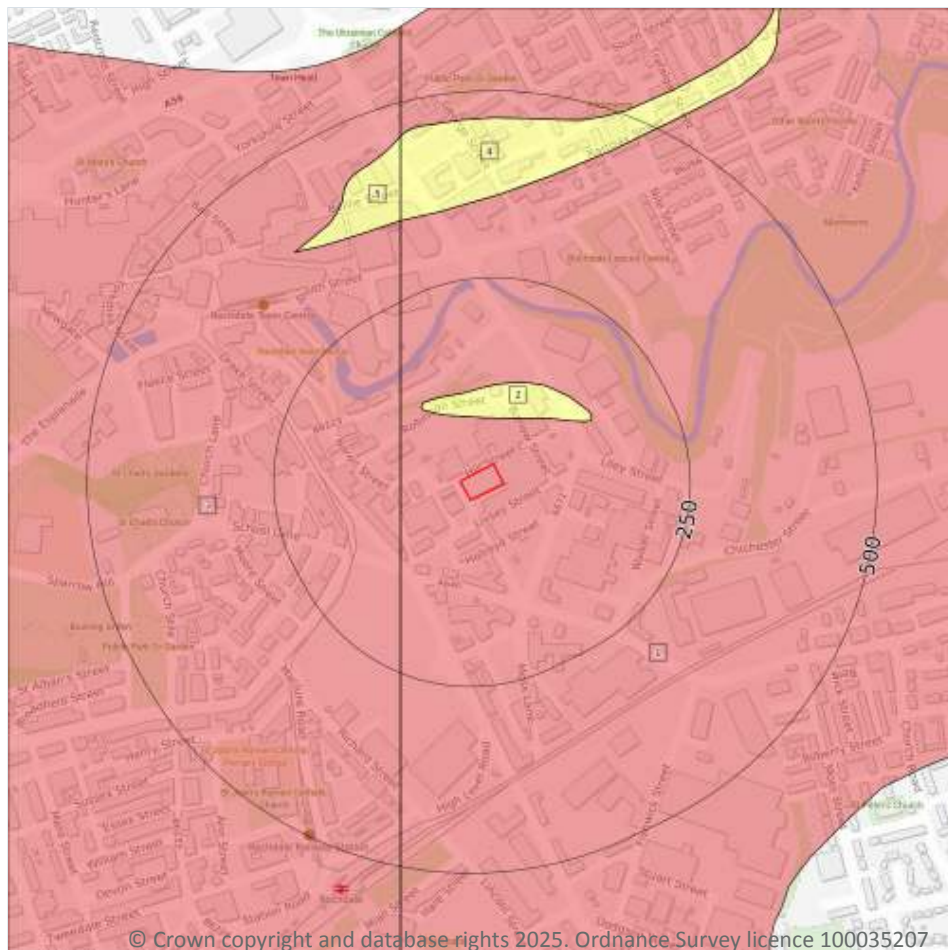
0

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

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5.1 Superficial aquifer

Records within 500m

5

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 83](#) >

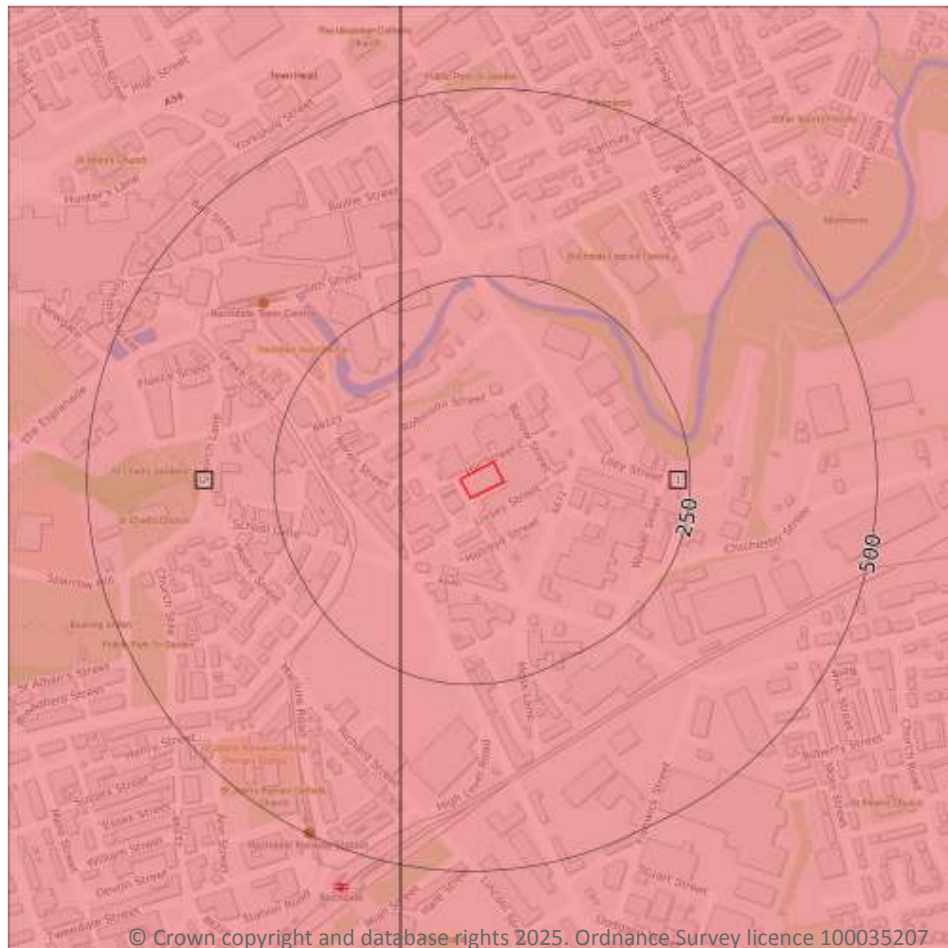
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	62m N	Secondary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



ID	Location	Designation	Description
3	80m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	345m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
5	349m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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

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5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

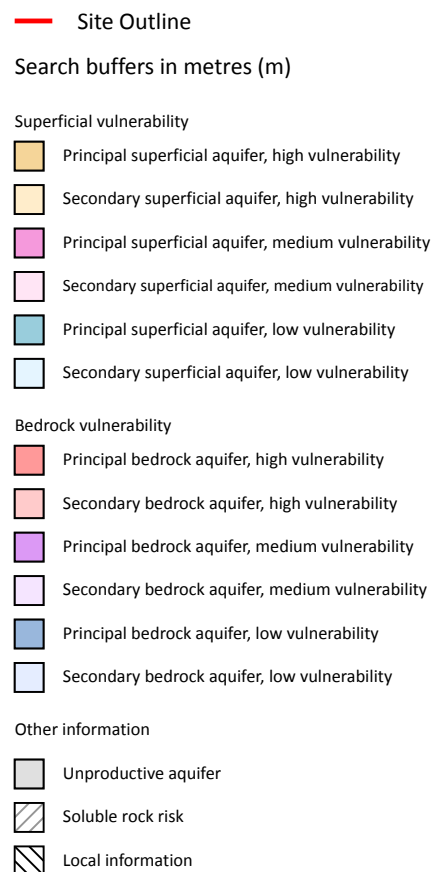
Features are displayed on the Bedrock aquifer map on [page 85](#) >

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	80m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



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 87](#) >

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.

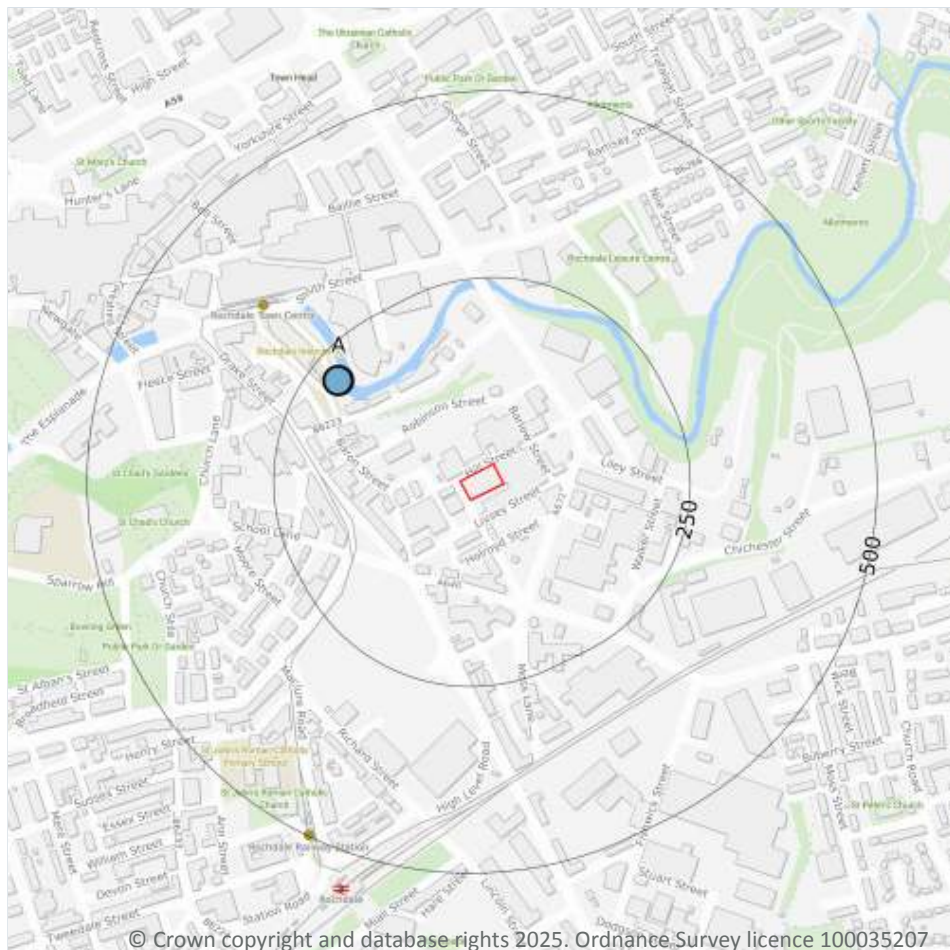
5.5 Groundwater vulnerability- local information

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 89](#) >

ID	Location	Details	
-	1415m 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: -
-	1415m 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: -
-	1415m 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

14

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 89](#) >



ID	Location	Details	
A	212m NW	Status: Historical 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): 36100000 Max Daily Volume (m ³): 164160 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: -
A	213m NW	Status: Historical 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: -
-	889m S	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: -
-	895m NE	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: -



ID	Location	Details	
-	895m NE	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: -
-	895m NE	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: -
-	1205m S	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: -
-	1205m S	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: -

ID	Location	Details	
-	1205m S	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: -
-	1205m S	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: -
-	1369m S	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: -
-	1369m S	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): 2318.46 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: -



ID	Location	Details	
-	1643m 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: -
-	1643m 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: -

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

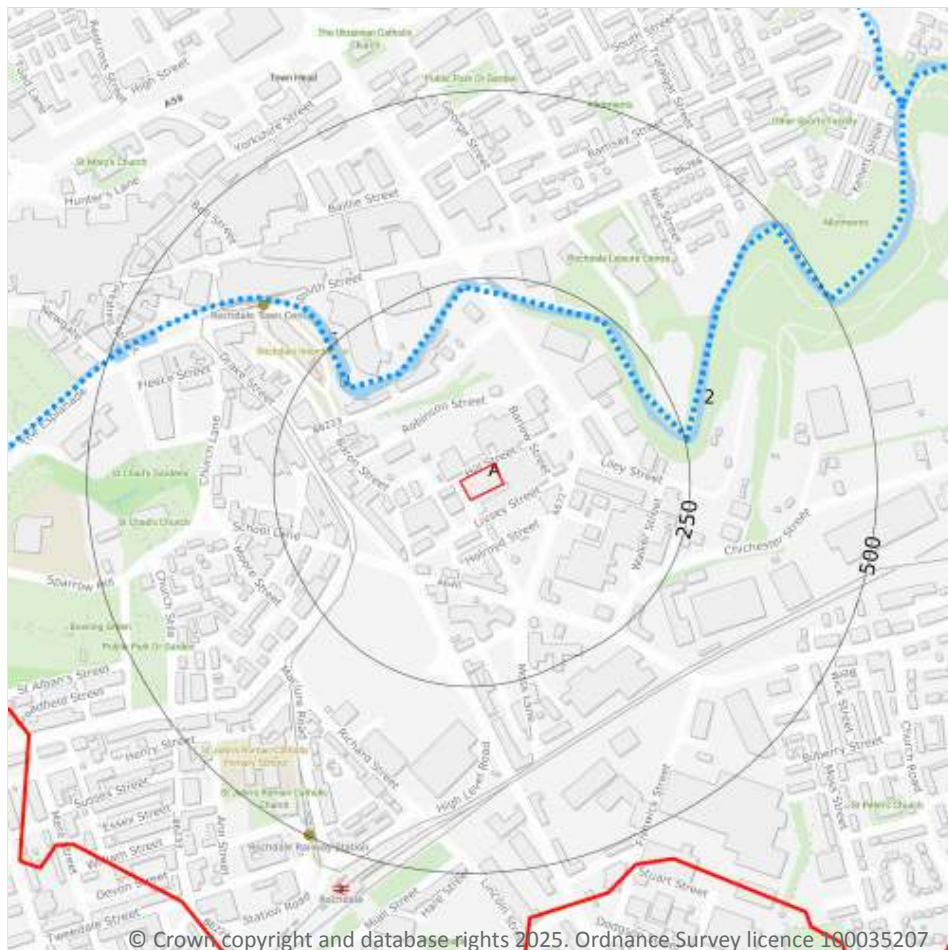
0

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

4

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 96 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
2	164m NW	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
B	203m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Roch
B	203m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Roch
5	230m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Roch

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

2

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 96 >](#)

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 96 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	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 96 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	166m NW	River	Roch (Source to Spodden)	GB112069064720 ↗	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.

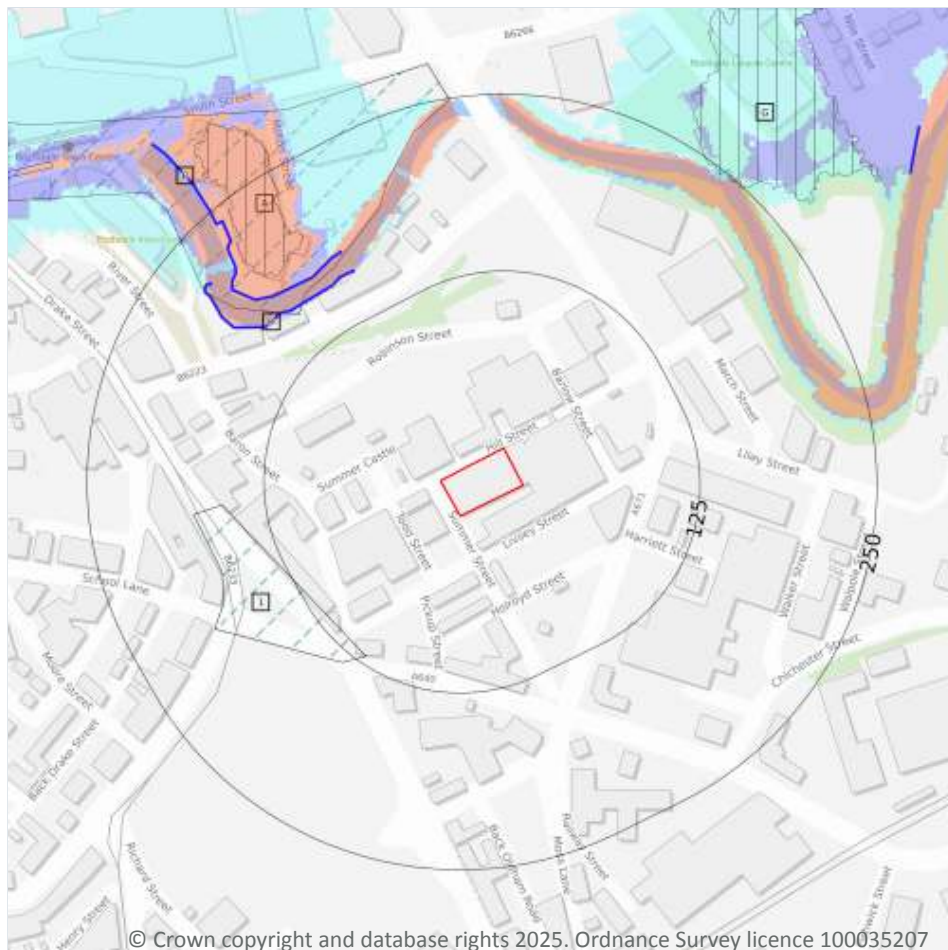
Features are displayed on the Hydrology map on [page 96 >](#)

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

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



7 River and coastal flooding



- 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

0

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

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



7.2 Historical Flood Events

Records within 250m

2

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 99](#) >

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
1	117m SW	Rochdale Town Centre	2015-12-26 2015-12-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
A	154m NW	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

4

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 99](#) >

ID	Location	Update
D	158m NW	08/11/2022
D	170m NW	08/11/2022
A	209m NW	08/11/2022
B	249m NW	08/11/2022

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



7.4 Areas Benefiting from Flood Defences

Records within 250m**2**

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.

Features are displayed on the River and coastal flooding map on [page 99](#) >

ID	Location	
A	185m NW	Area benefiting from flood defences
G	246m NE	Area benefiting from flood defences

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

7.5 Flood Storage Areas

Records within 250m**0**

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

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

Records within 50m

0

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

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

8 Surface water flooding

8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

Negligible

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.

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

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

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

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

9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

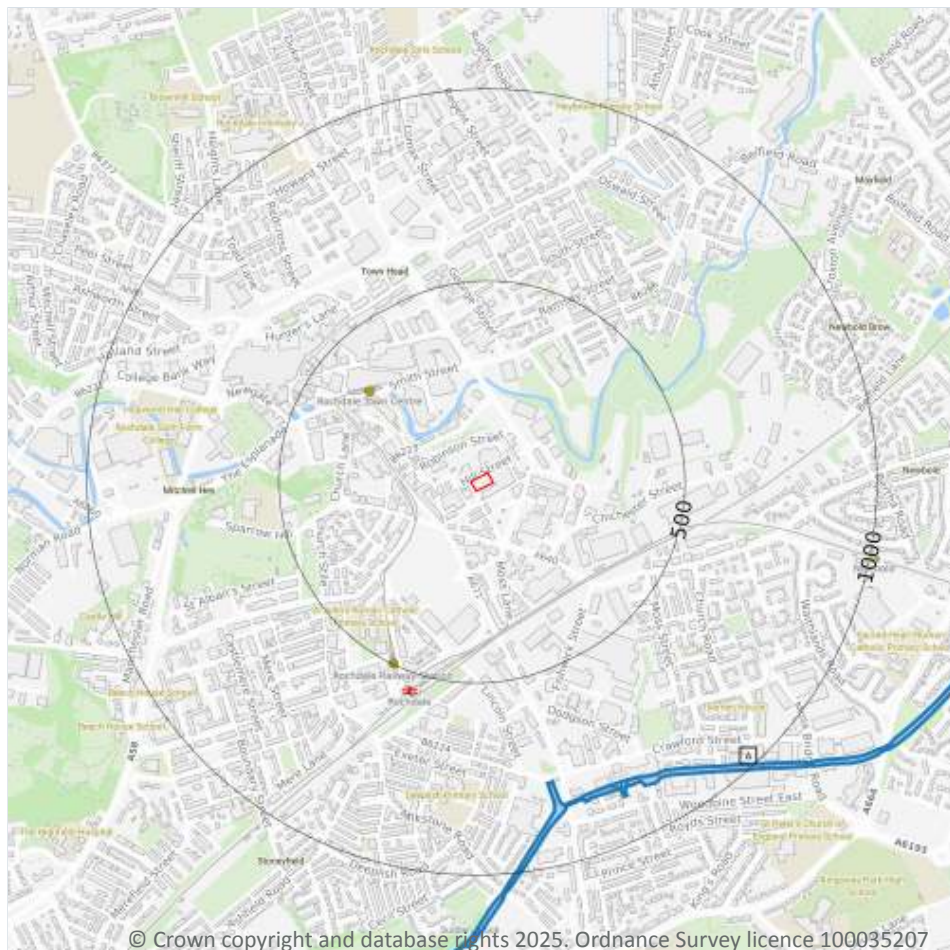
Moderate

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

Features are displayed on the Groundwater flooding map on [page 104](#) >

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)
- 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 105 >](#)

ID	Location	Name	Data source
A	783m S	Rochdale Canal SSSI	Natural England



ID	Location	Name	Data source
-	1489m S	Rochdale Canal SSSI	Natural England
-	1547m E	Rochdale Canal SSSI	Natural England
-	1732m SW	Rochdale Canal SSSI	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 105 >](#)

ID	Location	Name	Features of interest	Habitat description	Data source
A	783m 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
-	1489m 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
-	1547m E	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
-	1732m SW	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

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m**0**

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

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

10.9 Forest Parks

Records within 2000m**0**

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m**0**

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

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

10.11 Green Belt

Records within 2000m**1**

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

Features are displayed on the Environmental designations map on [page 105 >](#)

ID	Location	Name	Local Authority name
-	1627m N	Merseyside and Greater Manchester Green Belt	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

0

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.

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 111](#) >

ID: 1
Location: 783m 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: 1489m 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: 1547m E
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



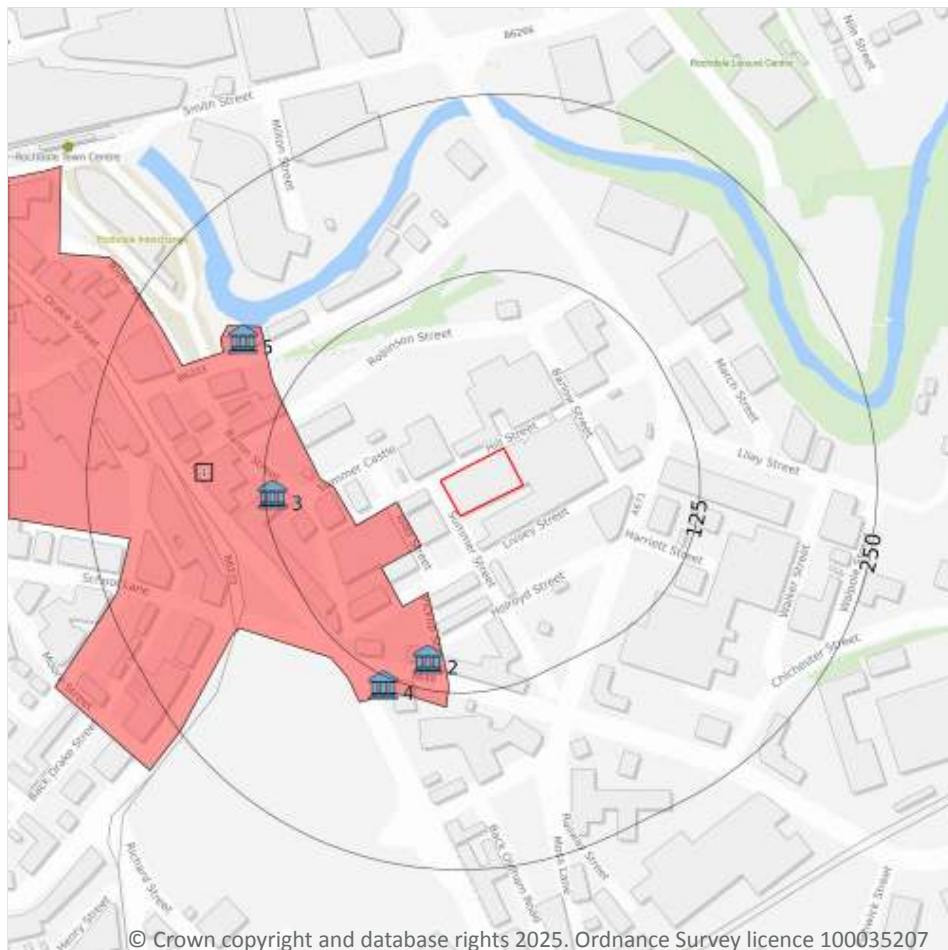
ID: -
Location: 1732m SW
SSSI name: Rochdale Canal
Unit name: Failsworth
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Recovering
Reportable features:

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 114 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
2	104m S	17 Milnrow Road	II	1470832	22/04/2022
3	120m W	24 Baron Street	II	1470833	15/09/2020
4	131m SW	Newbold Buildings, 33-37 Oldham Road	II	1470830	14/10/2020
5	172m NW	Waterside House	II	1470233	27/04/2020

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 114](#) >

ID	Location	Name	District	Date of designation
1	34m SW	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

0

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

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



12 Agricultural designations



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

12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on [page 117](#) >

ID	Location	Classification	Description
1	On site	Urban	Non-agricultural/no quality assigned

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.



13 Habitat designations



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

13.1 Priority Habitat Inventory

Records within 250m

2

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 119](#) >

ID	Location	Main Habitat	Other habitats
A	195m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	224m NE	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

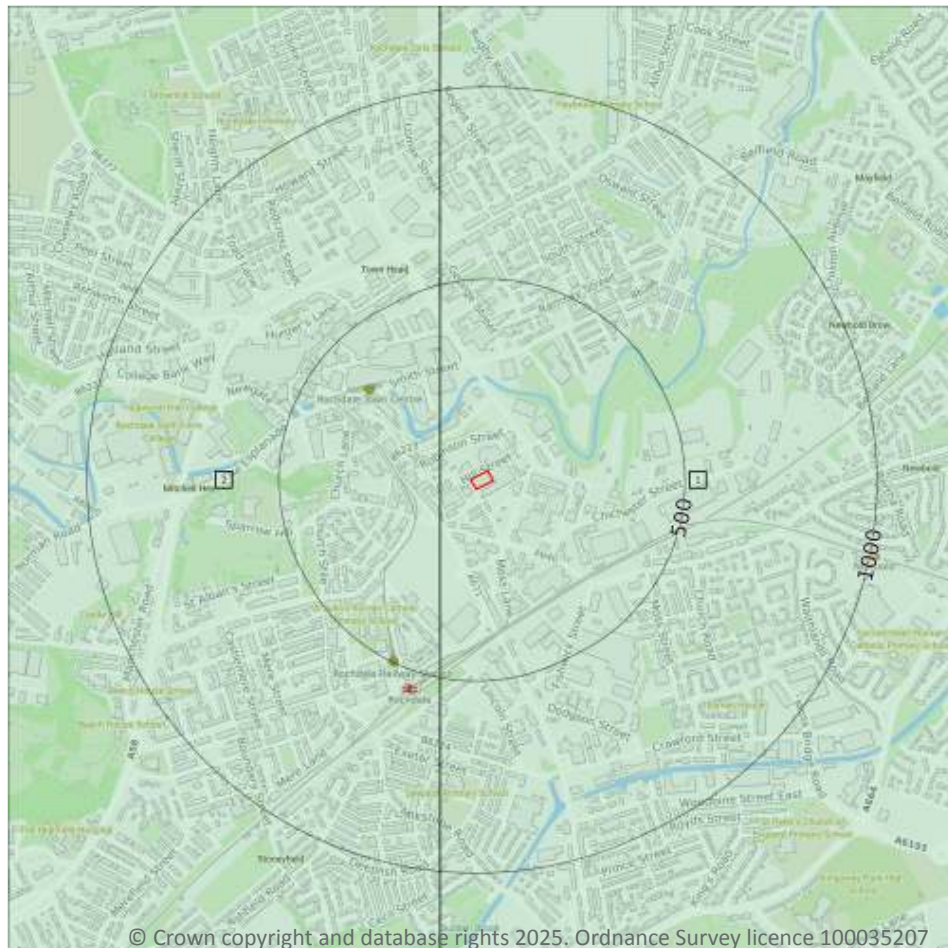
Records within 250m

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

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14.1 10k Availability

Records within 500m

2

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

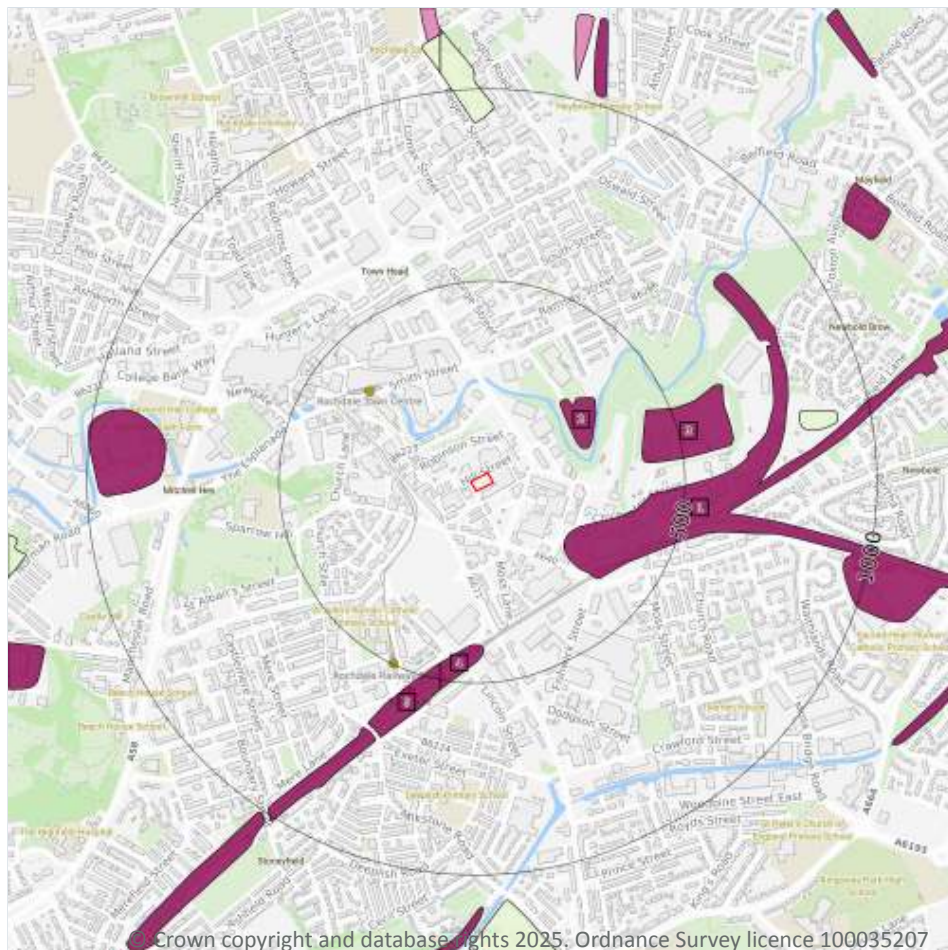
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 121](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SD91SW
2	80m W	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

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14.2 Artificial and made ground (10k)

Records within 500m

5

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 122](#) >

ID	Location	LEX Code	Description	Rock description
1	237m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	242m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	395m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	400m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

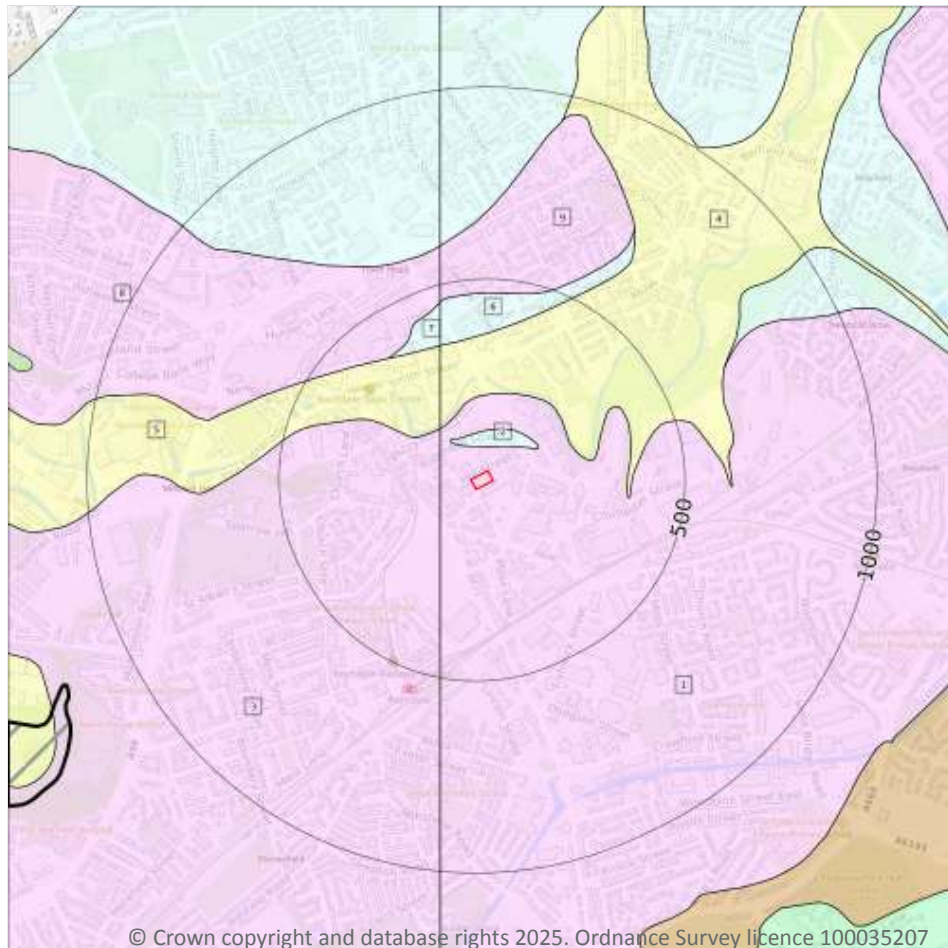


ID	Location	LEX Code	Description	Rock description
5	458m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

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

9

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 124](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel
2	63m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
3	80m W	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel
4	155m NW	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel



ID	Location	LEX Code	Description	Rock description
5	155m NW	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
6	346m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
7	349m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
8	381m NW	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel
9	457m N	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

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

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

14.5 Bedrock geology (10k)

Records within 500m

9

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 126 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
2	On site	OL-SDST	Old Lawrence Rock - Sandstone	Langsettian Sub-age
3	80m W	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age



ID	Location	LEX Code	Description	Rock age
4	258m NW	OL-SDST	Old Lawrence Rock - Sandstone	Langsettian Sub-age
5	287m SE	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
7	329m S	OL-SDST	Old Lawrence Rock - Sandstone	Langsettian Sub-age
8	371m SE	MLRS-SDST	Milnrow Sandstone - Sandstone	Langsettian Sub-age
9	398m S	OL-SDST	Old Lawrence Rock - Sandstone	Langsettian Sub-age
11	440m E	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

3

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

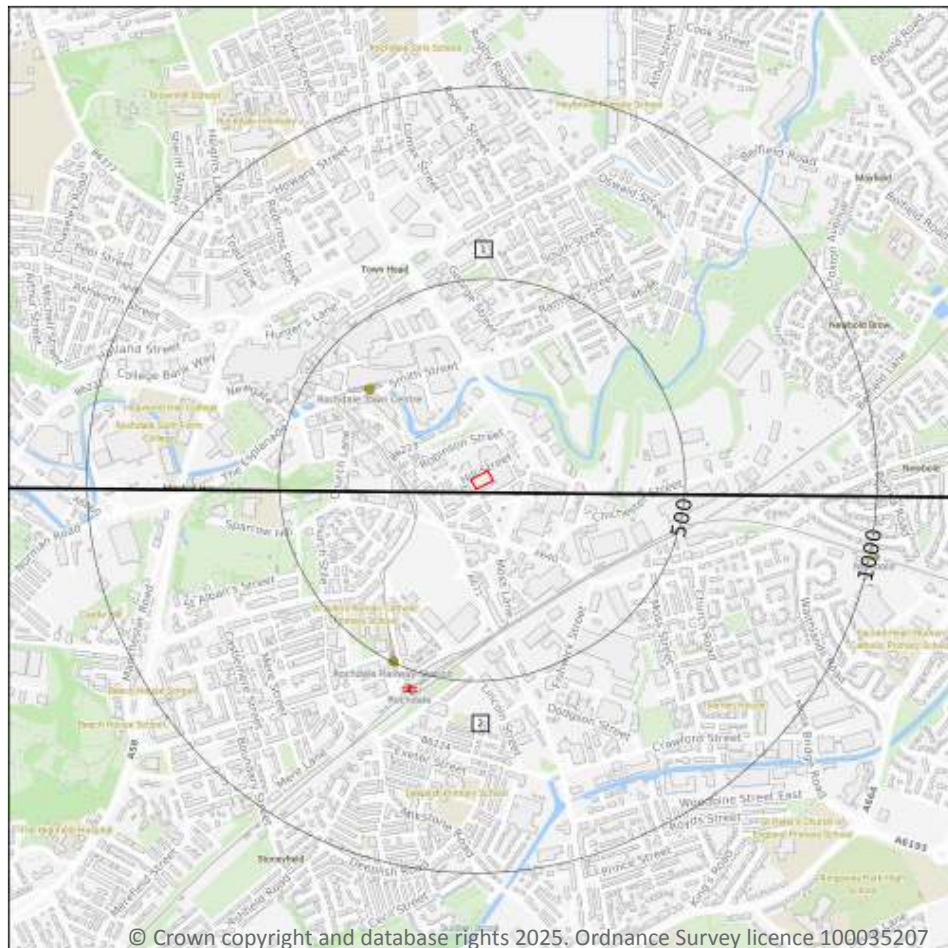
Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 126 >](#)

ID	Location	Category	Description
6	287m SE	FAULT	Normal fault, inferred; crossmarks on downthrow side
10	398m S	FAULT	Normal fault, inferred; crossmarks on downthrow side
12	444m SW	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 128](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	Full	EW076_rochdale_v4
2	9m 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

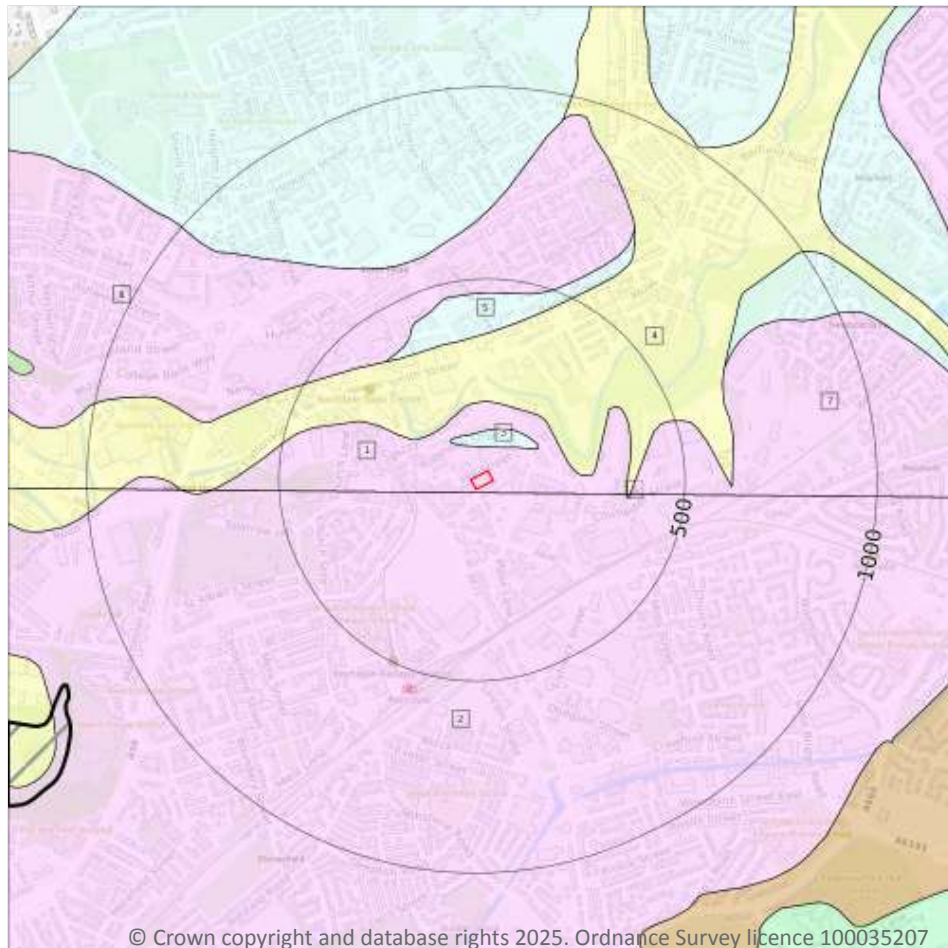
0

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

8

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 130](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
2	9m S	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
3	62m N	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
4	155m NW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
5	345m N	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
6	352m E	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
7	358m E	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
8	378m NW	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m **1**

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	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

9

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 132 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
2	On site	OL-SDST	OLD LAWRENCE ROCK - SANDSTONE	WESTPHALIAN
3	9m S	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN



ID	Location	LEX Code	Description	Rock age
4	32m SE	OL-SDST	OLD LAWRENCE ROCK - SANDSTONE	WESTPHALIAN
5	287m SE	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
7	329m S	OL-SDST	OLD LAWRENCE ROCK - SANDSTONE	WESTPHALIAN
8	371m SE	MLRS-SDST	MILNROW SANDSTONE - SANDSTONE	WESTPHALIAN
9	440m E	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
11	466m E	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	2
---------------------------	----------

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
On site	Fracture	High	Moderate

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

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

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 132 >](#)

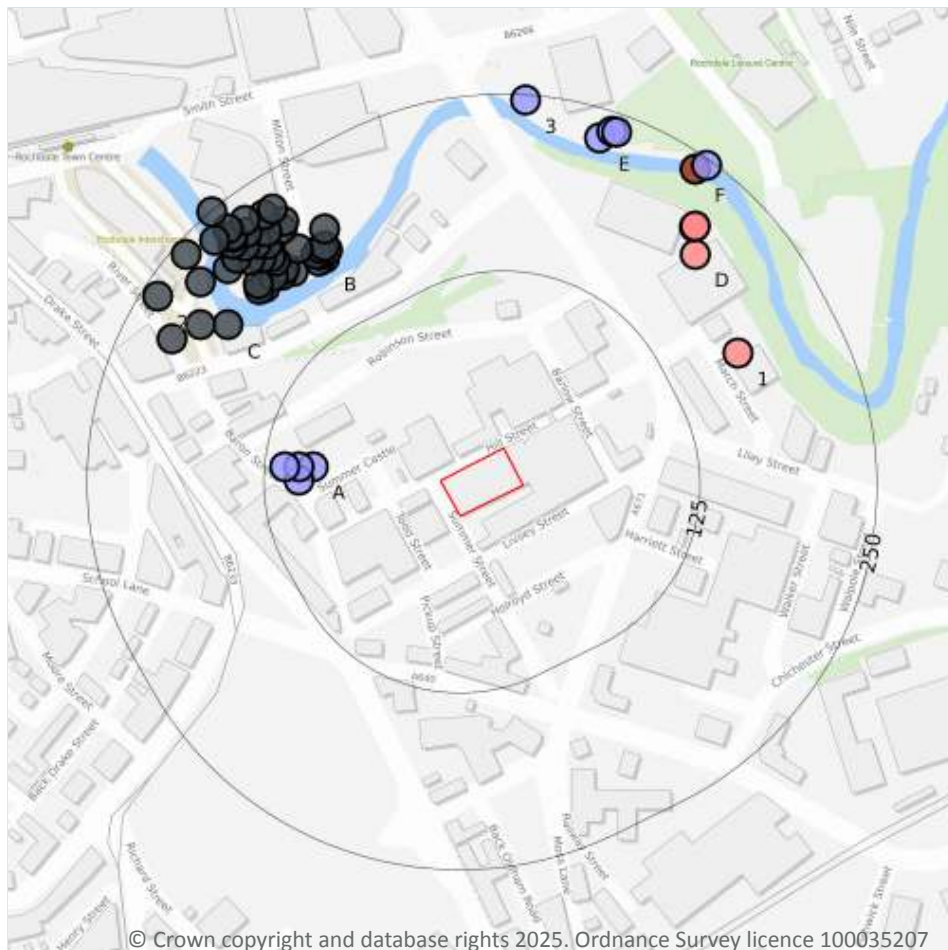
ID	Location	Category	Description
6	287m SE	FAULT	Fault, inferred
10	444m SW	ROCK	Coal seam, inferred
12	477m W	ROCK	Coal seam, inferred



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

58

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 135](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	91m W	389990 413200	BARON ST/SUMMER CASTLE HA4	2.0	N	30178 ↗
A	100m W	389980 413190	BARON ST/SUMMER CASTLE HA2	1.3	N	30176 ↗
A	101m W	389980 413200	BARON ST/SUMMER CASTLE HA3	1.5	N	30177 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
A	111m W	389970 413200	BARON ST/SUMMER CASTLE HA1	1.6	N	30175 ↗
B	177m NW	389998 413347	Yelloways, Rochdale TP4(D)	-	Y	N/A
B	177m NW	389994 413345	Yelloways, Rochdale TP4(E)	-	Y	N/A
1	178m NE	390290 413280	SAM SMITH, OLD BREWERY (TADCASTER) LTD NO. 3	41.15	N	35349 ↗
B	181m NW	389996 413350	Yelloways, Rochdale TP4	-	Y	N/A
B	181m NW	389976 413338	Yelloways, Rochdale TP2(A)	-	Y	N/A
B	182m NW	390000 413353	Yelloways, Rochdale TP4(C)	-	Y	N/A
B	183m NW	389992 413350	Yelloways, Rochdale TP4(F)	-	Y	N/A
B	183m NW	389968 413335	Yelloways, Rochdale TP2(C)	-	Y	N/A
B	184m NW	389956 413326	Yelloways, Rochdale TPBH2B(A)	-	Y	N/A
B	185m NW	389995 413354	Yelloways, Rochdale TP4(A)	-	Y	N/A
B	185m NW	389998 413356	Yelloways, Rochdale TP4(B)	-	Y	N/A
B	186m NW	389970 413340	Yelloways, Rochdale TP2(B)	-	Y	N/A
B	186m NW	389952 413325	Yelloways, Rochdale TPBH2B(B)	-	Y	N/A
C	186m NW	389930 413300	ROCHDALE LEISURE CENTRE 3	-	Y	N/A
B	186m NW	389962 413334	Yelloways, Rochdale TP2(D)	-	Y	N/A
B	190m NW	389951 413329	Yelloways, Rochdale TPBH2B(C)	-	Y	N/A
B	193m NW	389979 413354	Yelloways, Rochdale TPOS1(A)	-	Y	N/A
D	193m NE	390260 413350	SAM SMITH, OLD BREWERY (TADCASTER) LTD	30.48	N	35347 ↗
B	194m NW	389963 413345	Yelloways, Rochdale TP3(A)	-	Y	N/A
B	196m NW	389998 413368	Yelloways, Rochdale Phase II BH3R	-	Y	N/A
B	199m NW	389960 413348	Yelloways, Rochdale TP3(D)	-	Y	N/A
B	202m NW	389953 413347	Yelloways, Rochdale TP3(B)	-	Y	N/A
C	203m NW	389910 413300	ROCHDALE LEISURE CENTRE 6	-	Y	N/A
D	206m NE	390259 413369	MANOR BREWERY CO LTD	246.89	N	35130 ↗
B	206m NW	389945 413346	Yelloways, Rochdale TP3(C)	-	Y	N/A
B	207m NW	389958 413357	Yelloways, Rochdale TP5(A)	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
D	207m NE	390260 413370	SAM SMITH, OLD BREWERY (TADCASTER) LTD NO. 2	247.5	N	35348 ↗
B	210m NW	389968 413368	Yelloways, Rochdale TPOS2(A)	-	Y	N/A
B	212m NW	389950 413357	Yelloways, Rochdale TP5(B)	-	Y	N/A
B	212m NW	389930 413340	ROCHDALE LEISURE CENTRE 2	-	Y	N/A
B	213m NW	389936 413347	Yelloways, Rochdale Phase II BHSW4	-	Y	N/A
B	214m NW	389969 413373	Yelloways, Rochdale TPOS2(B)	-	Y	N/A
B	215m NW	389957 413366	Yelloways, Rochdale TPBH4(B)	-	Y	N/A
C	215m NW	389890 413290	ROCHDALE LEISURE CENTRE 9	-	Y	N/A
B	216m NW	389942 413356	Yelloways, Rochdale TP5(C)	-	Y	N/A
B	220m NW	389910 413330	ROCHDALE LEISURE CENTRE 5	-	Y	N/A
B	222m NW	389943 413365	Yelloways, Rochdale TPBH4(A)	-	Y	N/A
B	223m NW	389933 413357	Yelloways, Rochdale Phase II BHSW3	-	Y	N/A
B	226m NW	389955 413378	Yelloways, Rochdale TPBH4(C)	-	Y	N/A
B	226m NW	389961 413382	Yelloways, Rochdale Phase II BH2R	-	Y	N/A
B	226m NW	389933 413362	Yelloways, Rochdale BHAA	-	Y	N/A
B	227m NW	389933 413363	Yelloways, Rochdale BHA	-	Y	N/A
E	229m N	390192 413432	ENTWISTLE ROAD/MOLESWORTH STREET, ROCHDALE TP3	3.5	N	17915475 ↗
B	230m NW	389942 413374	Yelloways, Rochdale TPBH4(D)	-	Y	N/A
B	233m NW	389930 413368	Yelloways, Rochdale Phase II BHSW2	-	Y	N/A
B	234m NW	389920 413360	ROCHDALE LEISURE CENTRE 1	-	Y	N/A
E	237m N	390201 413437	ENTWISTLE ROAD/MOLESWORTH STREET, ROCHDALE 3	10.0	N	17915472 ↗
E	237m N	390204 413436	ENTWISTLE ROAD/MOLESWORTH STREET, ROCHDALE TP4	2.2	N	17915477 ↗
2	239m NW	389880 413320	ROCHDALE LEISURE CENTRE 8	-	Y	N/A
F	239m NE	390260 413410	GT. M/C COUNCIL	-1.0	N	35324 ↗
B	241m NW	389900 413350	ROCHDALE LEISURE CENTRE 4	-	Y	N/A
F	246m NE	390268 413413	ENTWISTLE ROAD, ROCHDALE TP05	3.7	N	20742385 ↗

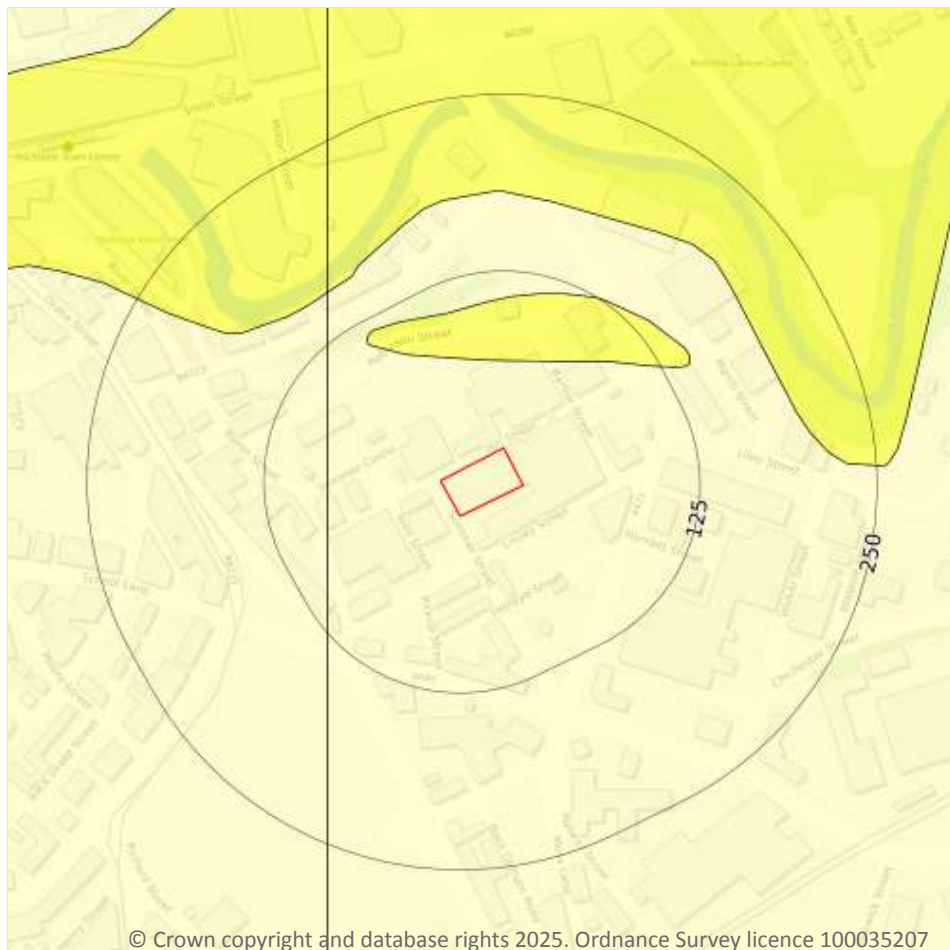


ID	Location	Grid reference	Name	Length	Confidential	Web link
3	247m N	390140 413459	ENTWISTLE ROAD/MOLESWORTH STREET, ROCHDALE TP5	3.8	N	17915478 ↗
B	250m NW	389918 413380	Yelloways, Rochdale Phase II BHSW1	-	Y	N/A

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

1

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

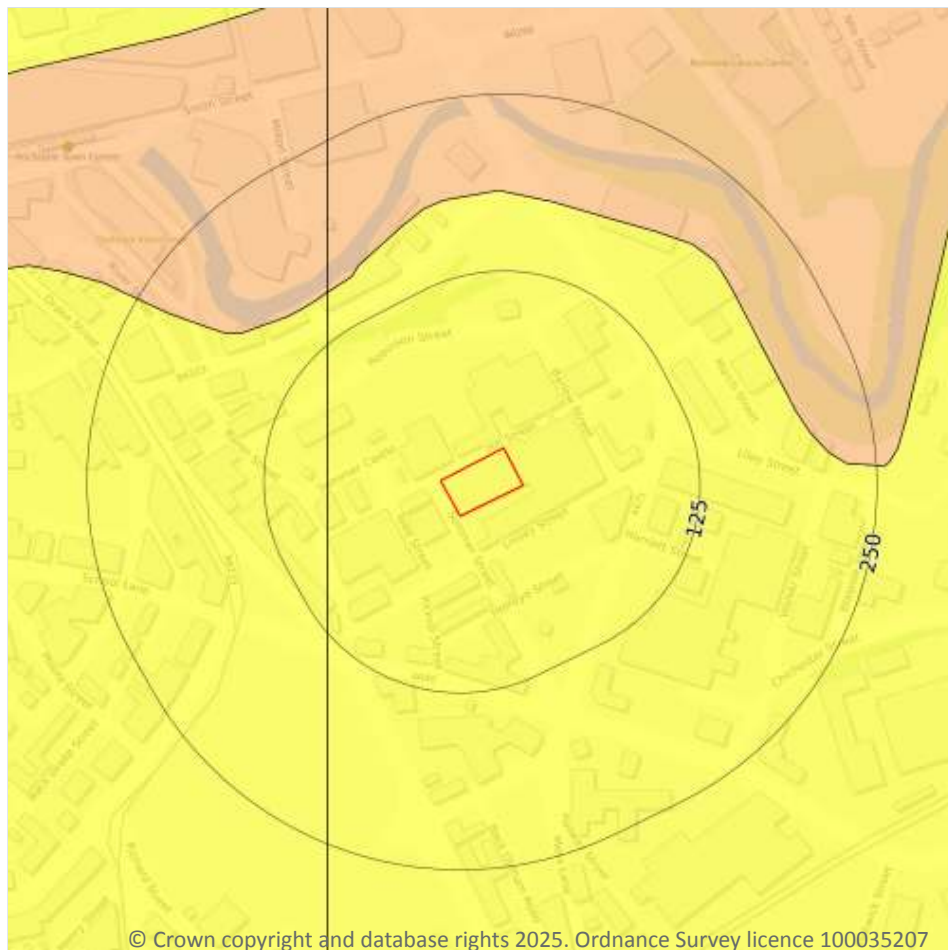
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 139 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

17.2 Running sands

Records within 50m

1

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

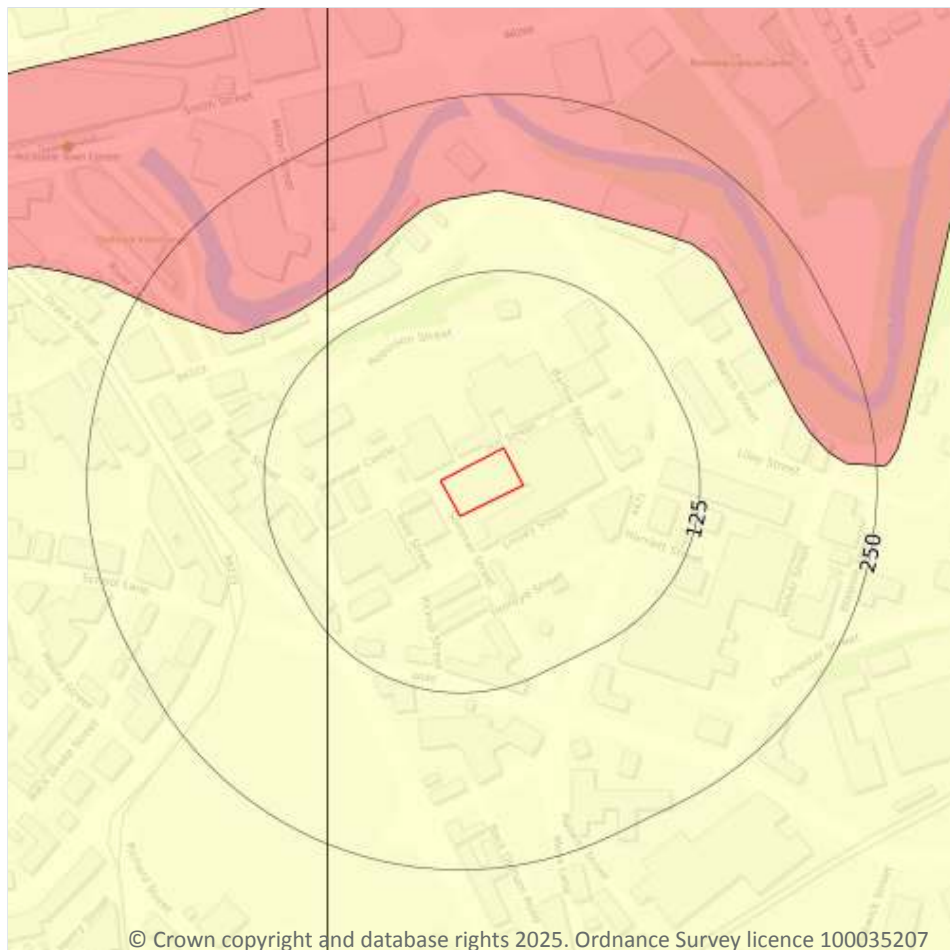
Features are displayed on the Natural ground subsidence - Running sands map on [page 140 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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

17.3 Compressible deposits

Records within 50m

1

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

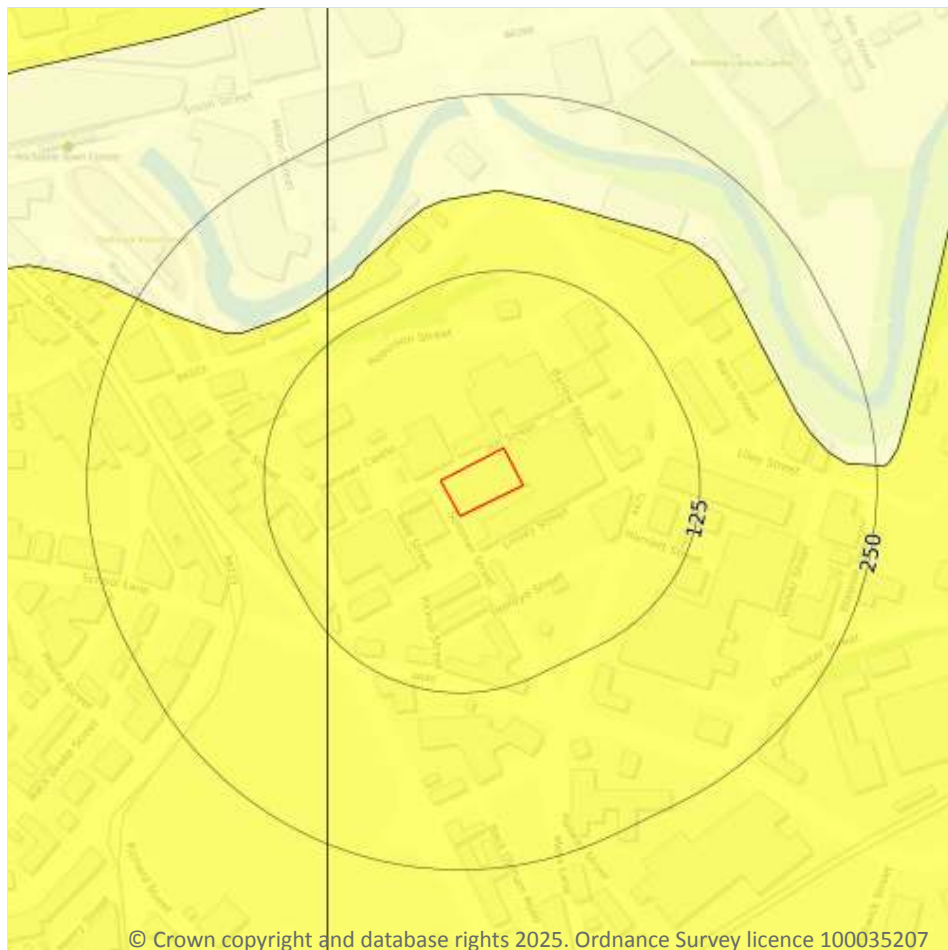
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 141](#) >

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



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

17.4 Collapsible deposits

Records within 50m

1

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

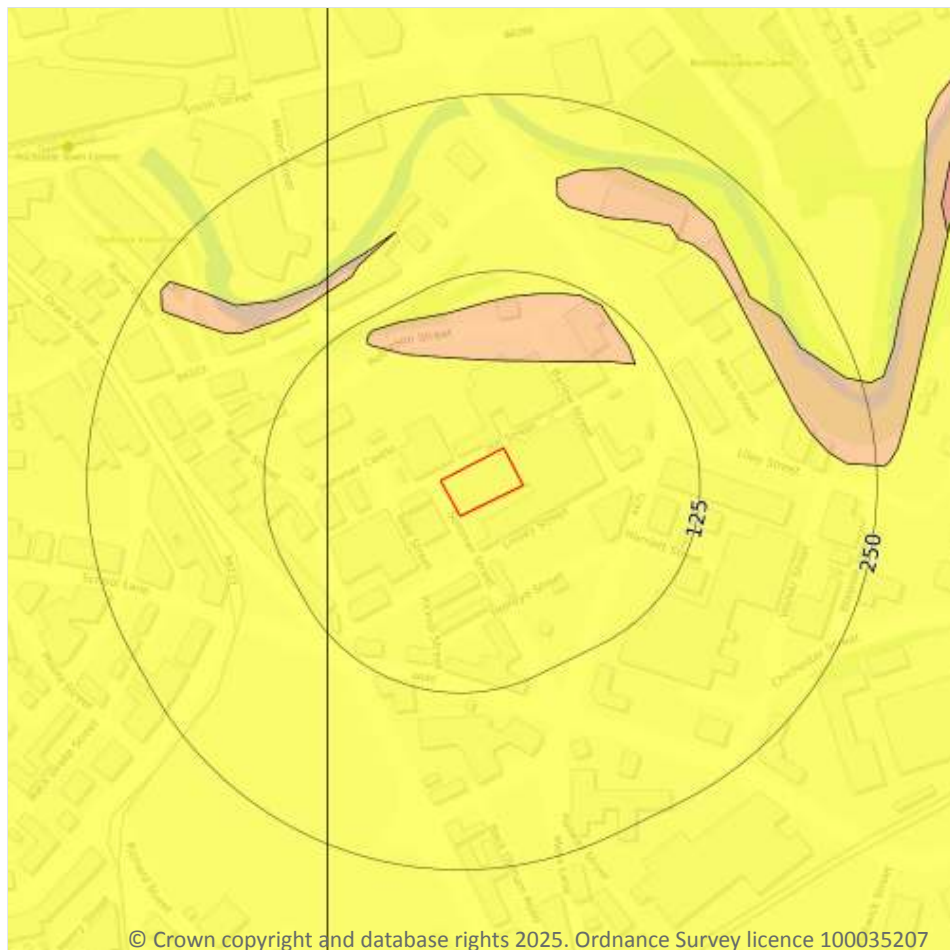
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 142 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



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

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17.5 Landslides

Records within 50m

1

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

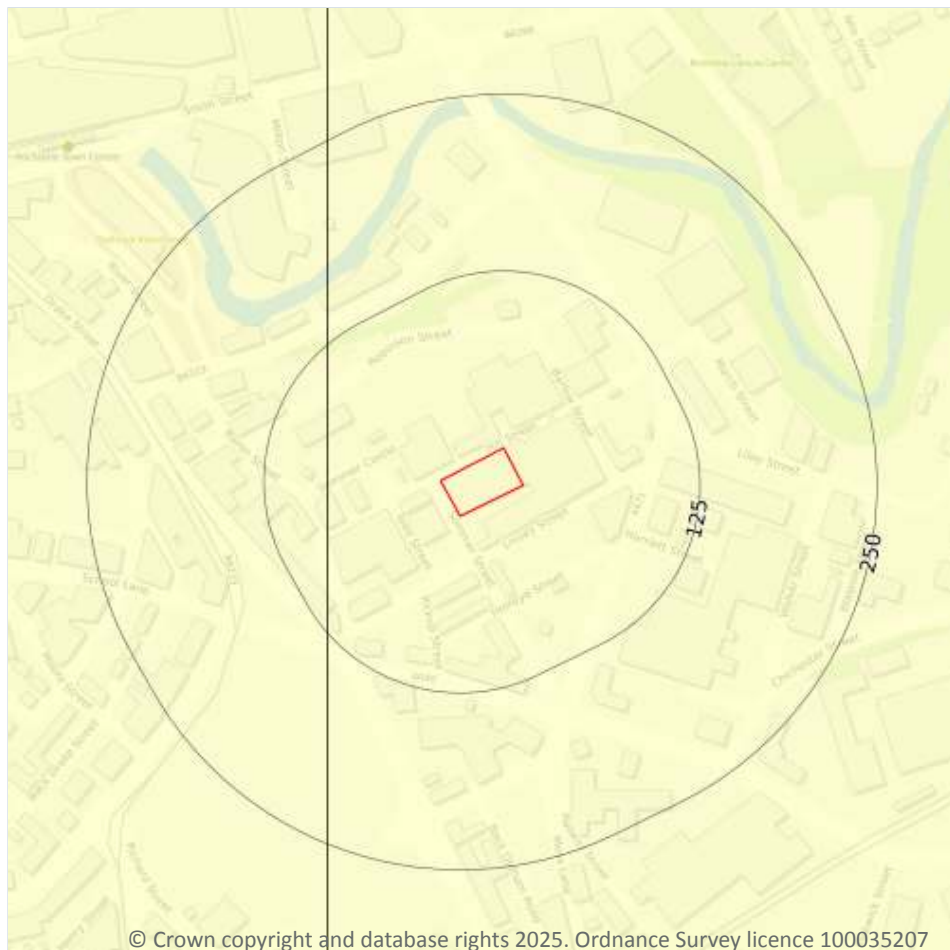
Features are displayed on the Natural ground subsidence - Landslides map on [page 143 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



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

17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 144](#) >

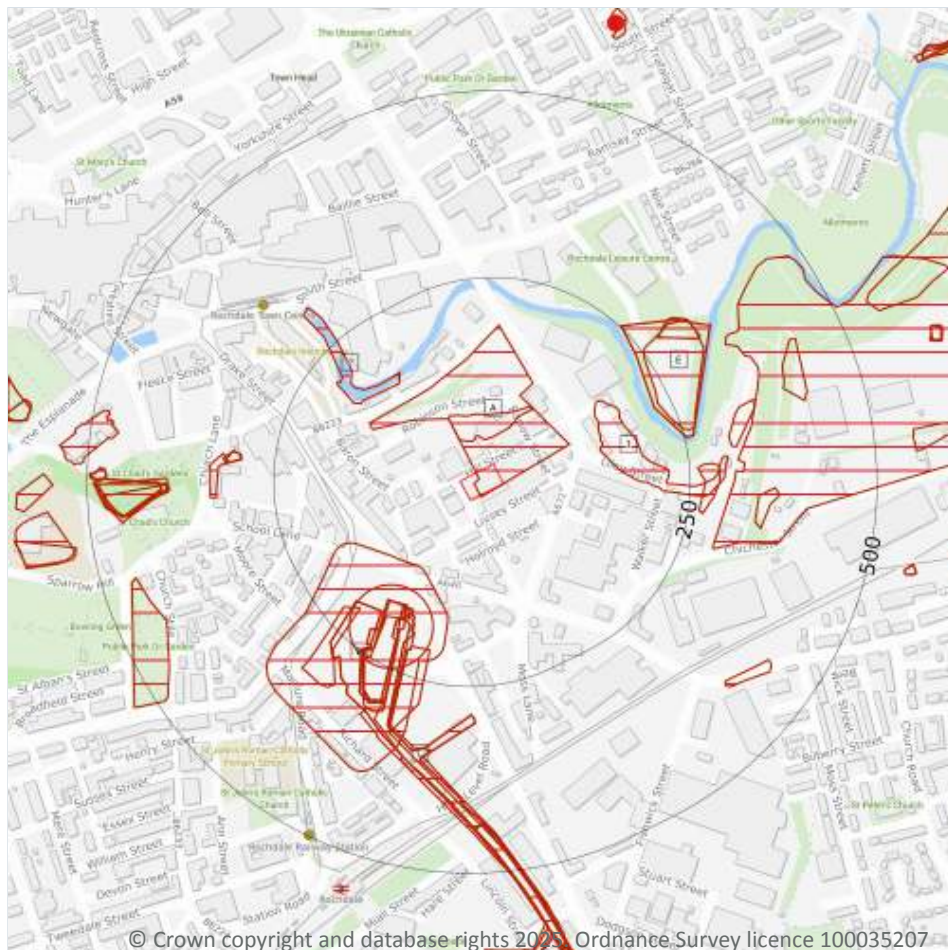
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



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

18.1 BritPits

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

20

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

Features are displayed on the Mining and ground workings map on [page 146 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Brick Field	1851	1:10560
A	35m N	Refuse Heap	1851	1:10560
B	113m SW	Canal Wharf	1891	1:10560
1	137m E	Sand Pit	1851	1:10560
B	144m SW	Unspecified Wharf	1956	1:10560
2	154m NW	Water Body	1956	1:10560
B	164m SW	Canal Wharf	1928	1:10560
B	164m SW	Canal Wharf	1908	1:10560
C	166m SW	Canal	1938	1:10560
B	167m SW	Canal Wharf	1938	1:10560
D	168m SW	Canal	1928	1:10560
D	168m SW	Canal	1908	1:10560
D	168m SW	Canal	1891	1:10560
C	173m SW	Canal	1851	1:10560
B	181m SW	Canal Wharf	1851	1:10560
B	207m SW	Canal Wharf	1851	1:10560
B	209m S	Canal Wharf	1851	1:10560
E	226m NE	Unspecified Heap	1967	1:10560
E	226m NE	Unspecified Heap	1954	1:10560
E	233m NE	Refuse Heap	1908	1:10560

This data is sourced from Ordnance Survey/Groundsure.



18.3 Underground workings

Records within 1000m

2

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

Features are displayed on the Mining and ground workings map on [page 146](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
-	742m E	Air Shafts	1976	1:10000
-	742m E	Air Shafts	1967	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

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

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.



18.7 JPB mining areas

Records on site

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.

18.8 The Coal Authority non-coal mining

Records within 500m

0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.



18.11 BGS mine plans

Records within 500m**0**

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

This data is sourced from Groundsure.

18.12 Coal mining

Records on site**1**

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

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

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site**0**

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

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

18.14 Gypsum areas

Records on site**0**

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site**0**

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.



18.16 Clay mining

Records on site

0

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

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



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

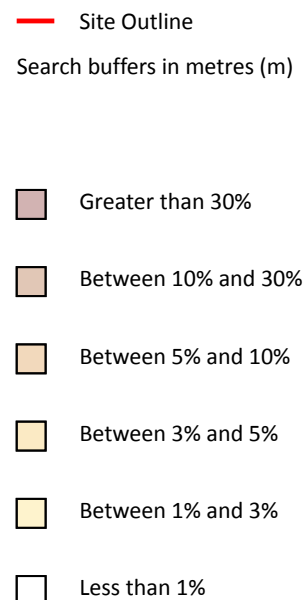
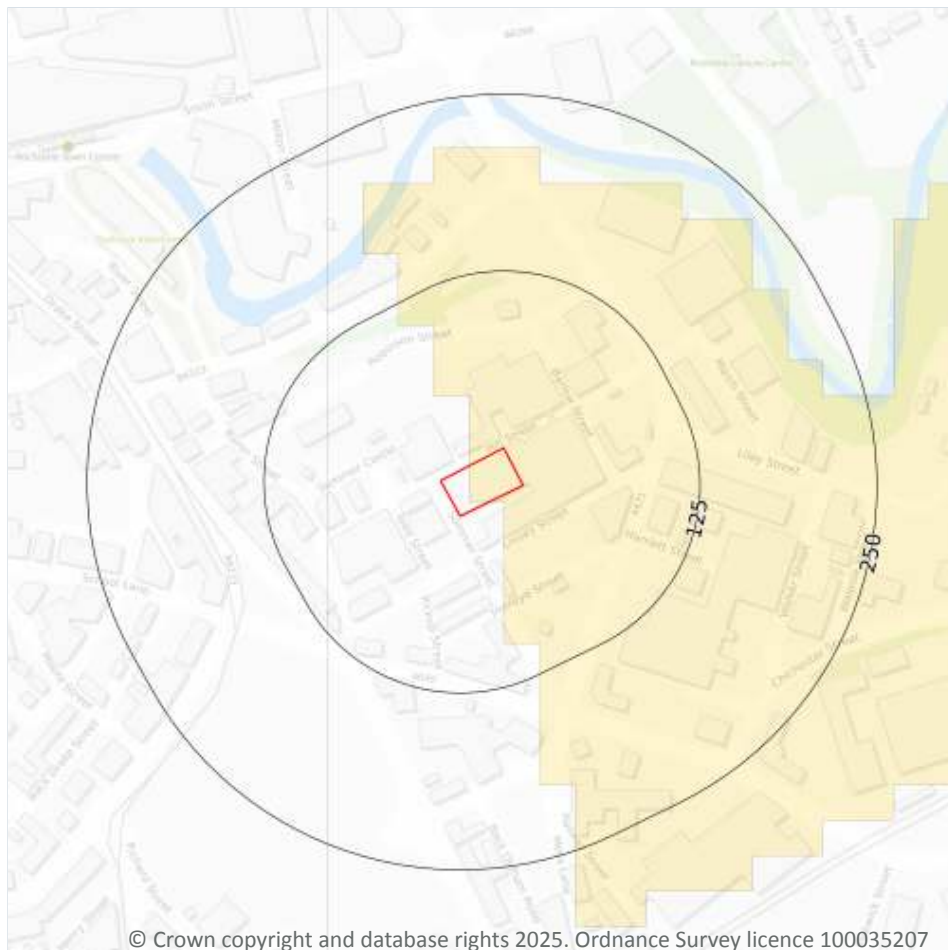
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

2

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

Features are displayed on the Radon map on [page 154](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None



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

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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

4

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	600 - 1200 mg/kg	360 - 720 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	600 - 1200 mg/kg	360 - 720 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
9m S	15 - 25 mg/kg	No data	600 - 1200 mg/kg	360 - 720 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
23m SE	15 - 25 mg/kg	No data	600 - 1200 mg/kg	360 - 720 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.

21.2 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.



21.3 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.



22 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

4

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

Features are displayed on the Railway infrastructure and projects map on [page 158 >](#)

Location	Land Use	Year of mapping	Mapping scale
224m SE	Railway Sidings	1967	10560
228m SE	Railway Sidings	1938	10560
228m SE	Railway Sidings	1891	10560
229m SE	Railway Sidings	1954	10560

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.



22.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

6

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

Features are displayed on the Railway infrastructure and projects map on [page 158 >](#)

Location	Name	Type
154m W	Not given	Single Track
156m W		light_rail
161m W		light_rail
164m W	Not given	Single Track
178m SW	Not given	Multi Track
188m W	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.9 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: www.groundsure.com/terms-and-conditions-april-2023/ ↗.



**COAL AUTHORITY
CONSULTANTS COAL MINING REPORT**



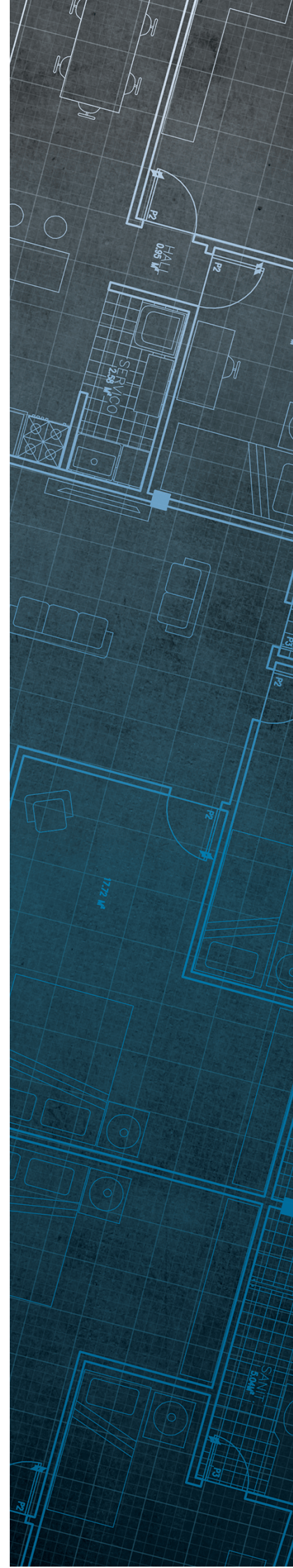
The Coal
Authority

Consultants Coal Mining Report

1 Summer Street
Rochdale
Rochdale
OL16 1SY

Date of enquiry:	13 October 2025
Date enquiry received:	13 October 2025
Issue date:	13 October 2025

Our reference:	51003531118001
Your reference:	8288



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

SUB SURFACE LIMITED

Enquiry address

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Rochdale
Rochdale
OL16 1SY

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NG18 4RG

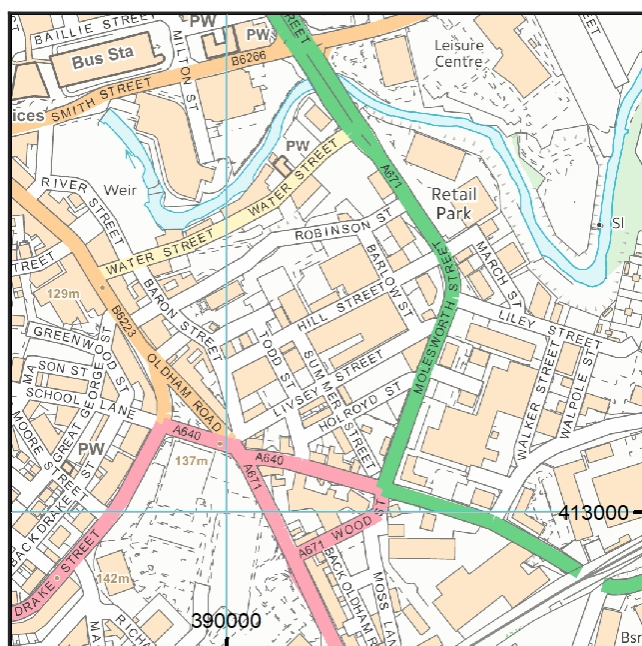
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

None available.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

Based on the responses in this report, no further information has been highlighted.

Future development

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

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

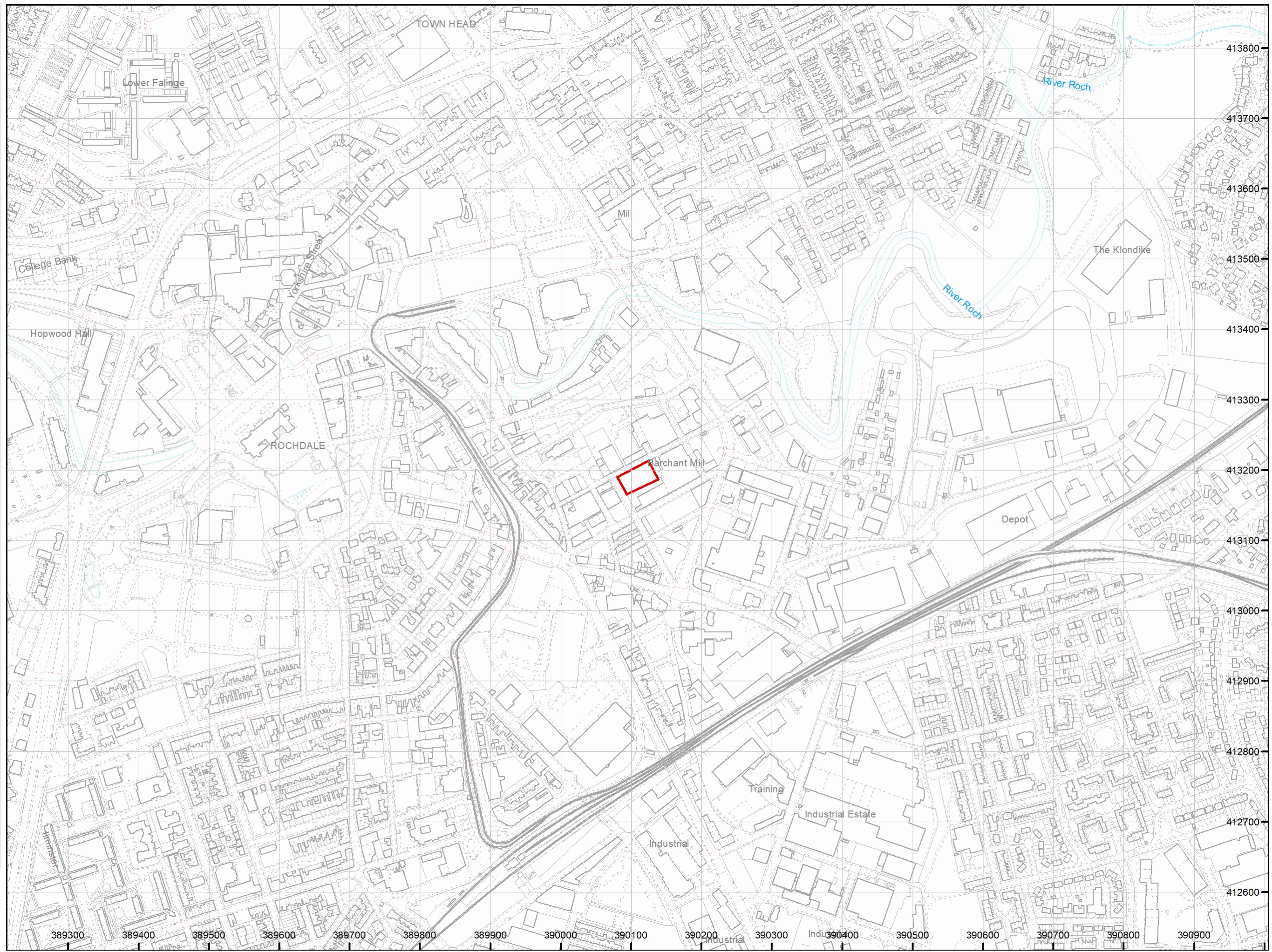
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

Approximate position of the enquiry boundary shown 

How to contact us
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www.groundstability.com



SMALL SCALE SURVEY PLANS



Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

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



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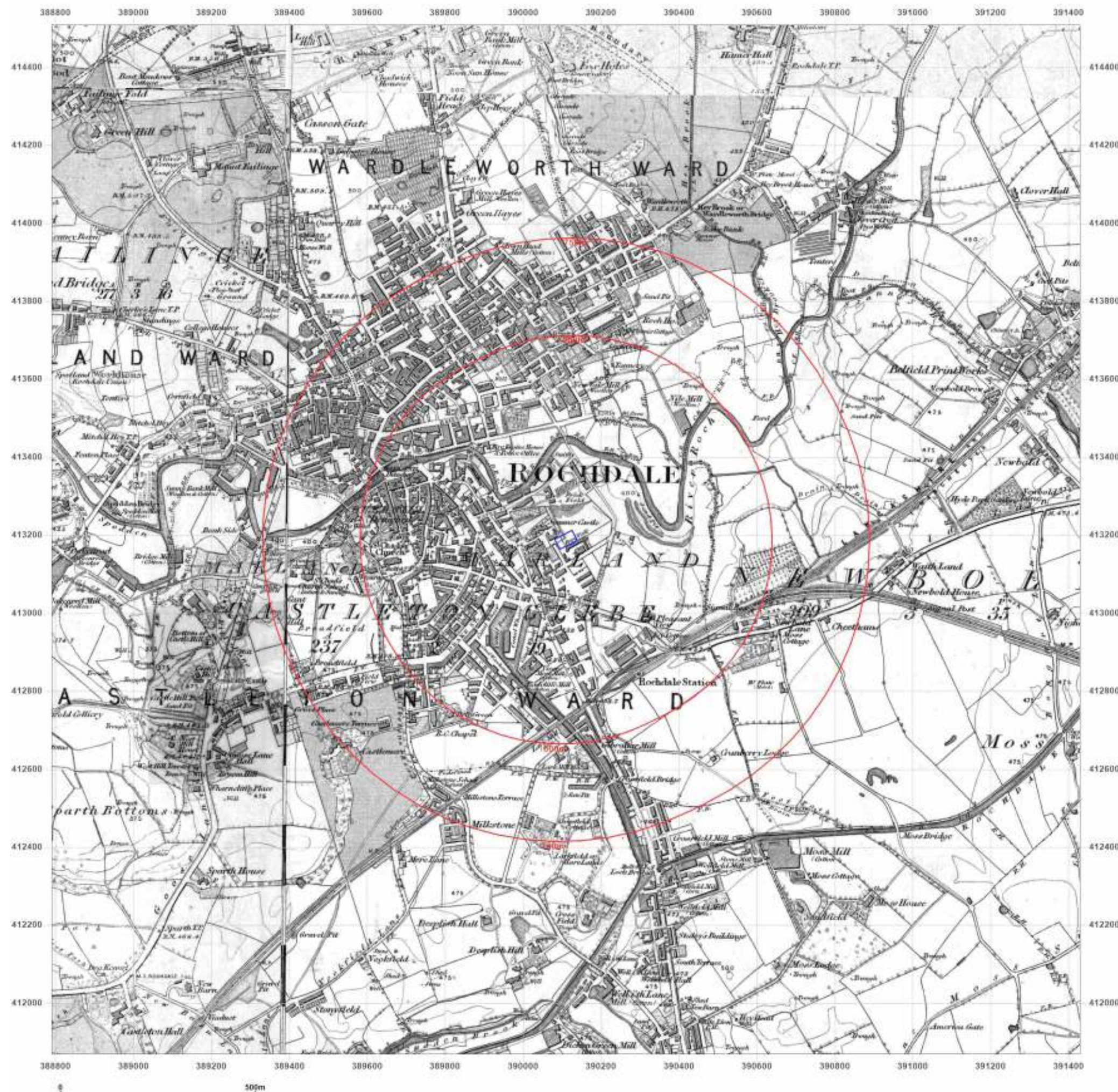


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groundsure@centremaps.com

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Production date: 13 October 2025

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





Site Details:

1 Summer St, Rochdale, OL16
1SY

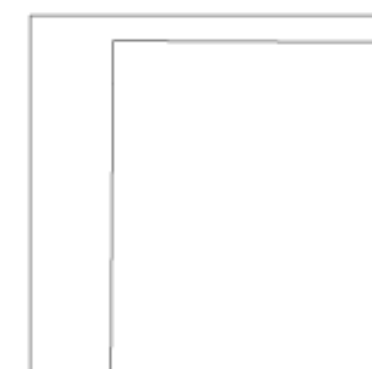
Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: County Series

Map date: 1891

Scale: 1:10,560

Printed at: 1:10,560



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



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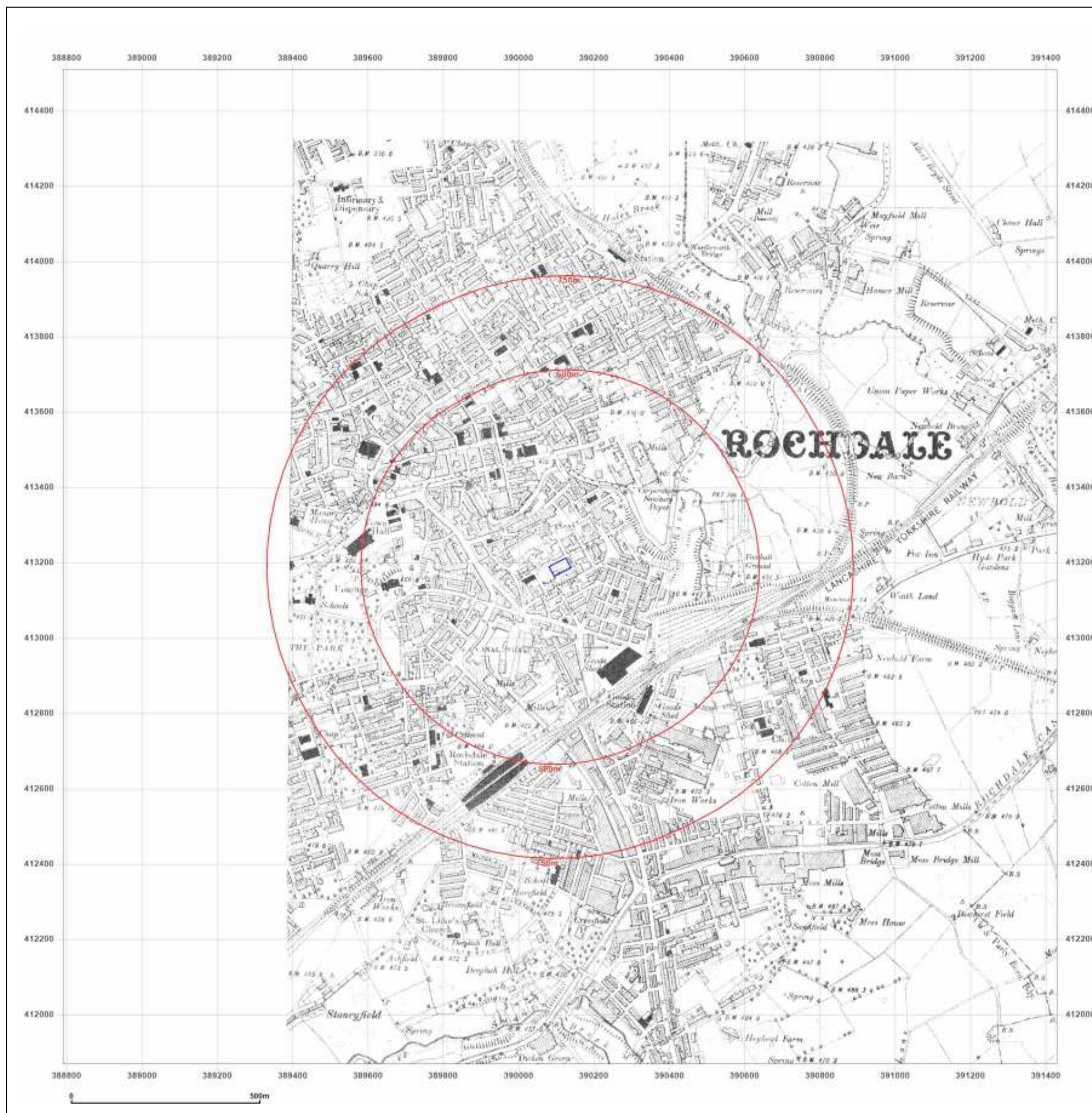


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

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
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Levelled N/A

Surveyed 1848
Revised 1908
Edition N/A
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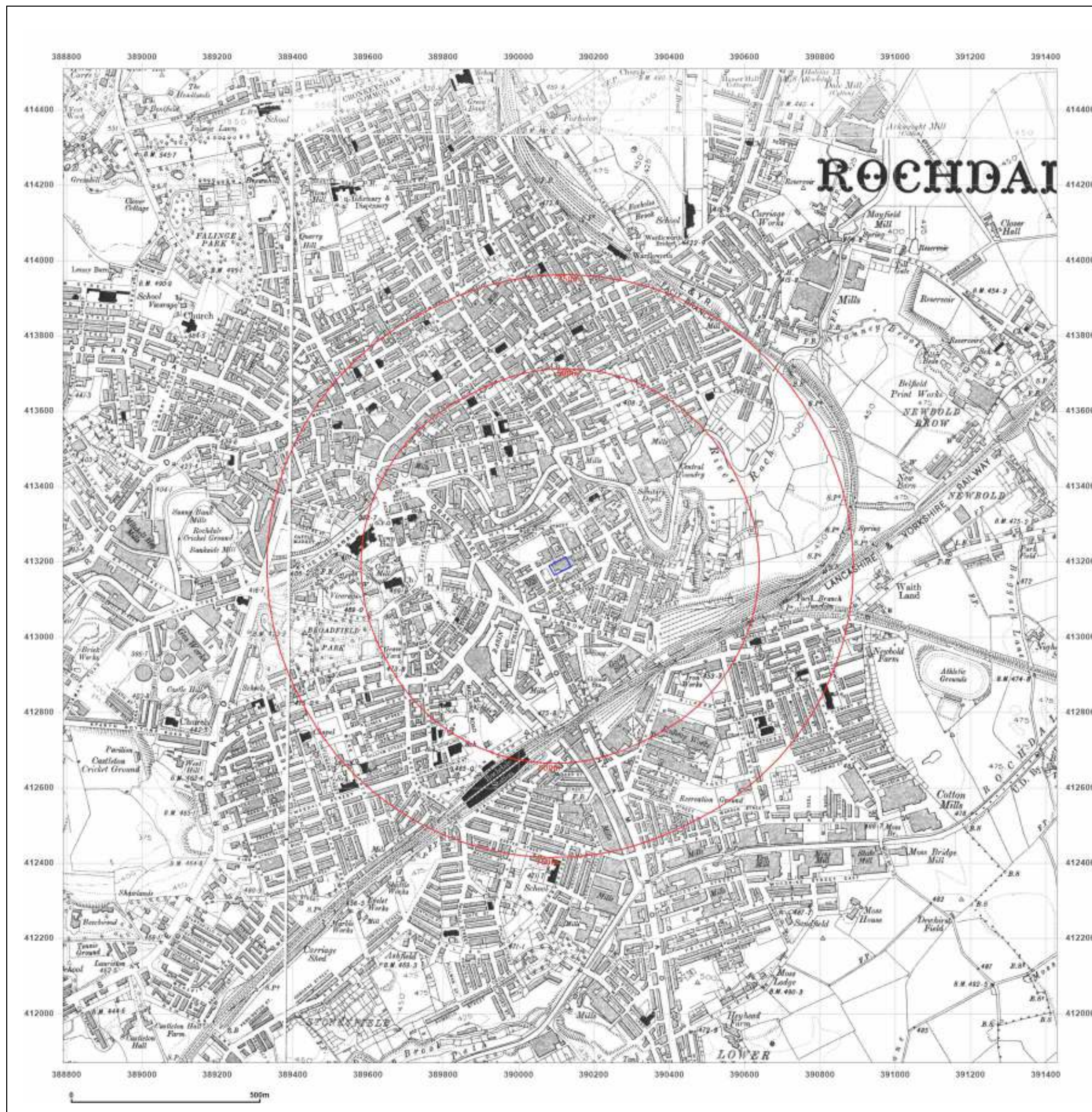


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

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

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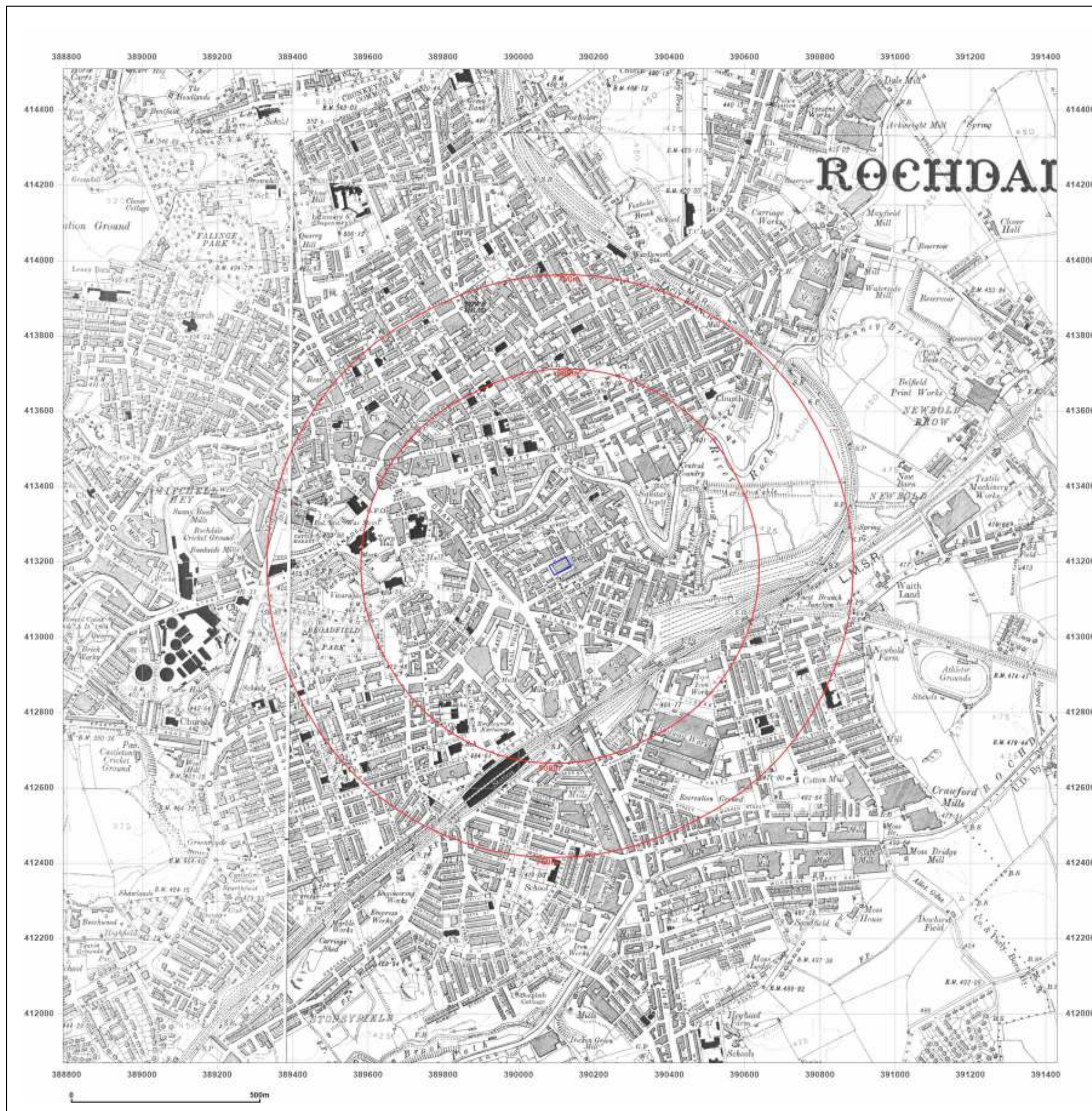


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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: County Series

Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



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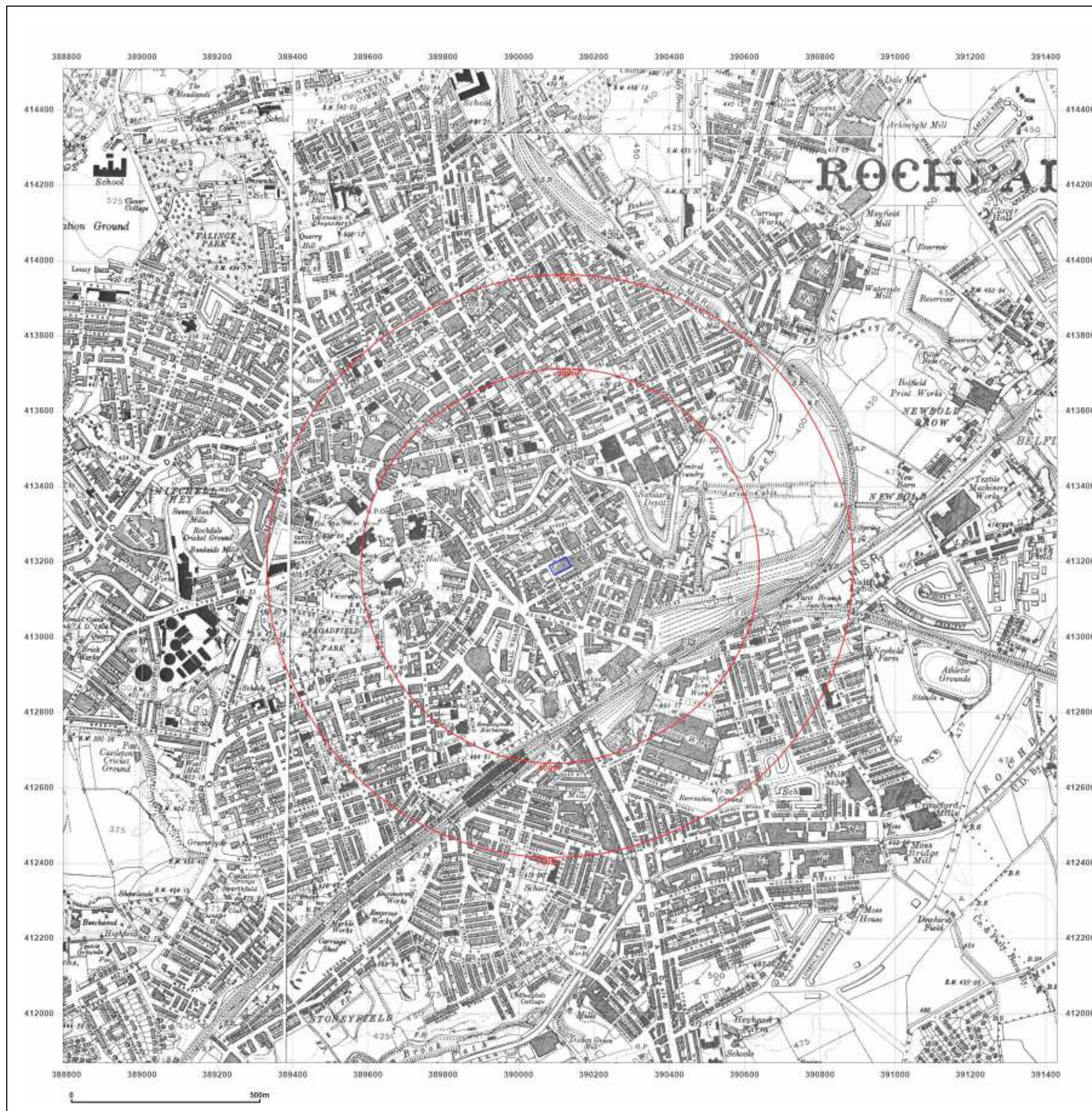


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: Provisional

Map date: 1954-1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed N/A
Revised 1955
Edition 1956
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Surveyed 1954
Revised 1954
Edition N/A
Copyright N/A
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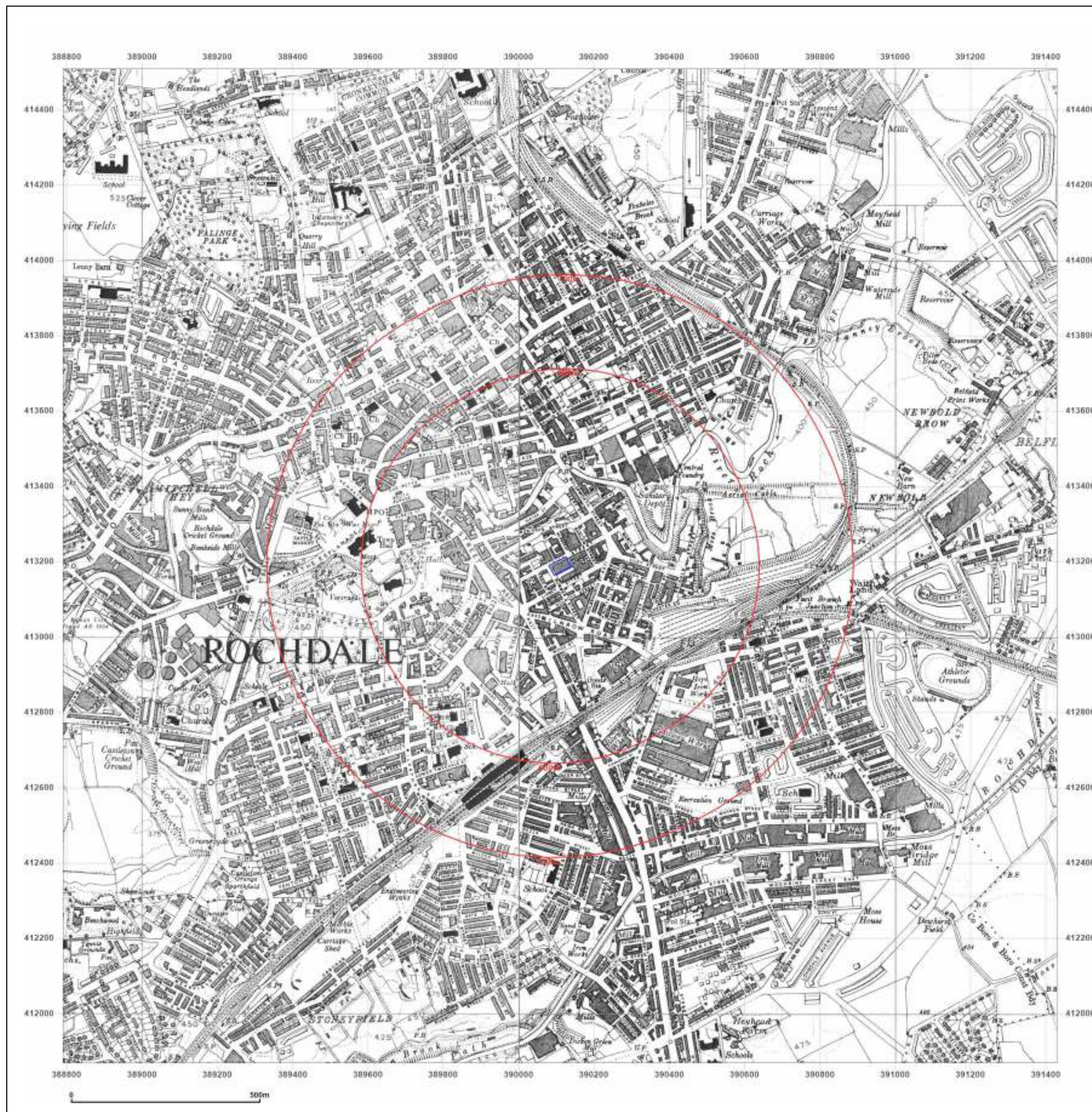


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: Provisional

Map date: 1967-1968

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1968
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Surveyed 1967
Revised 1967
Edition N/A
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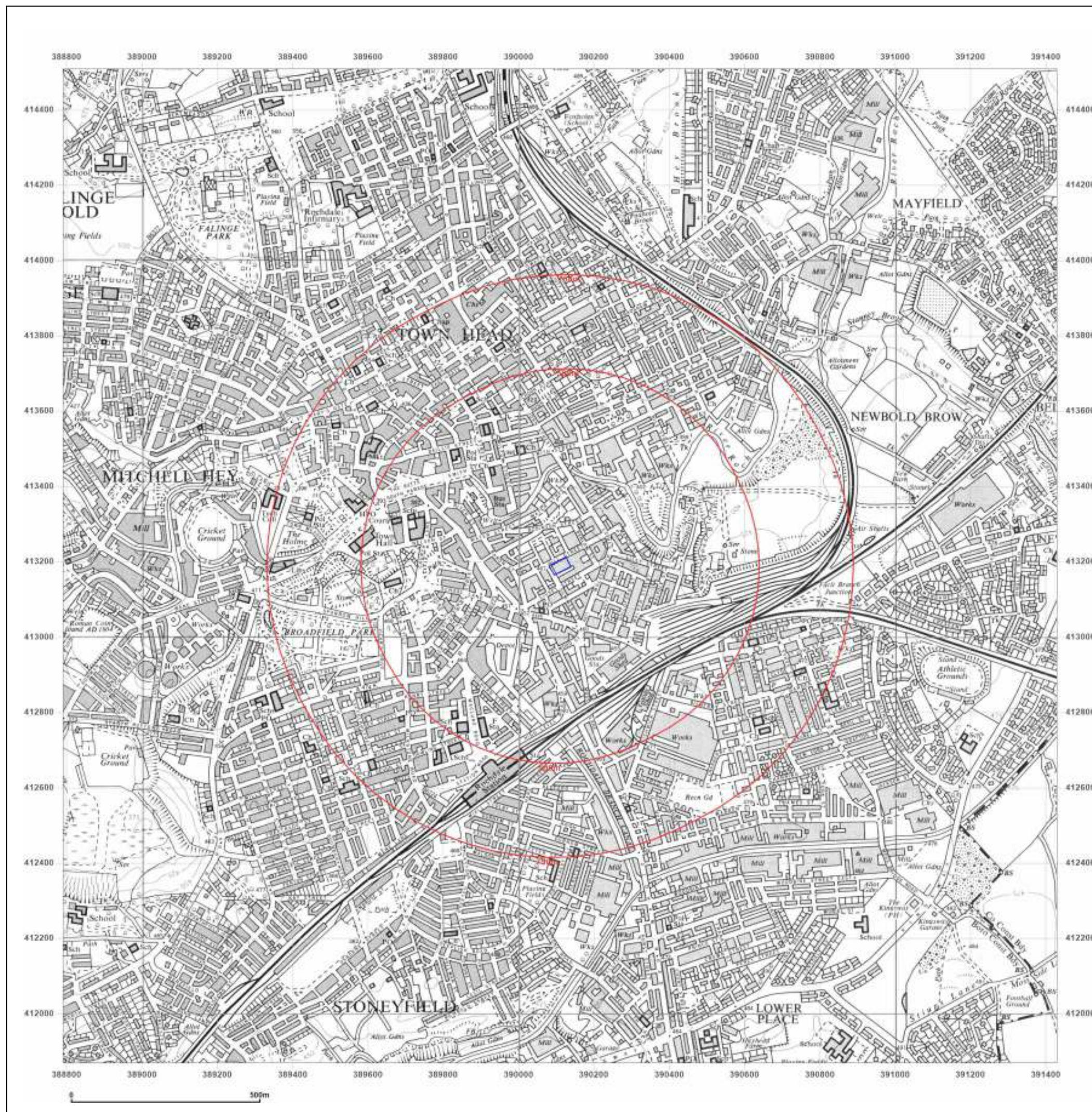


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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1975-1976

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1974
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Surveyed 1976
Revised 1976
Edition N/A
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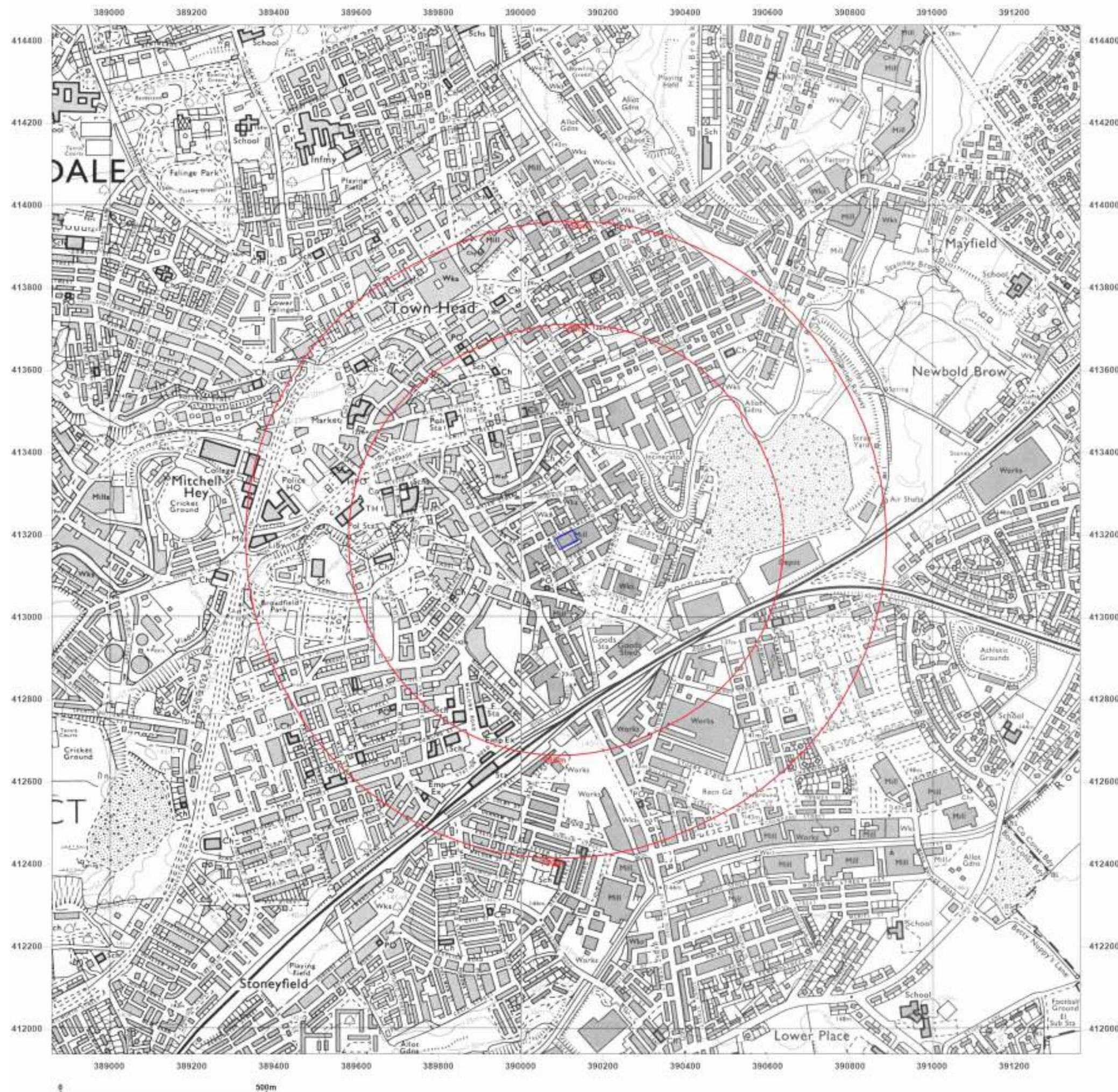


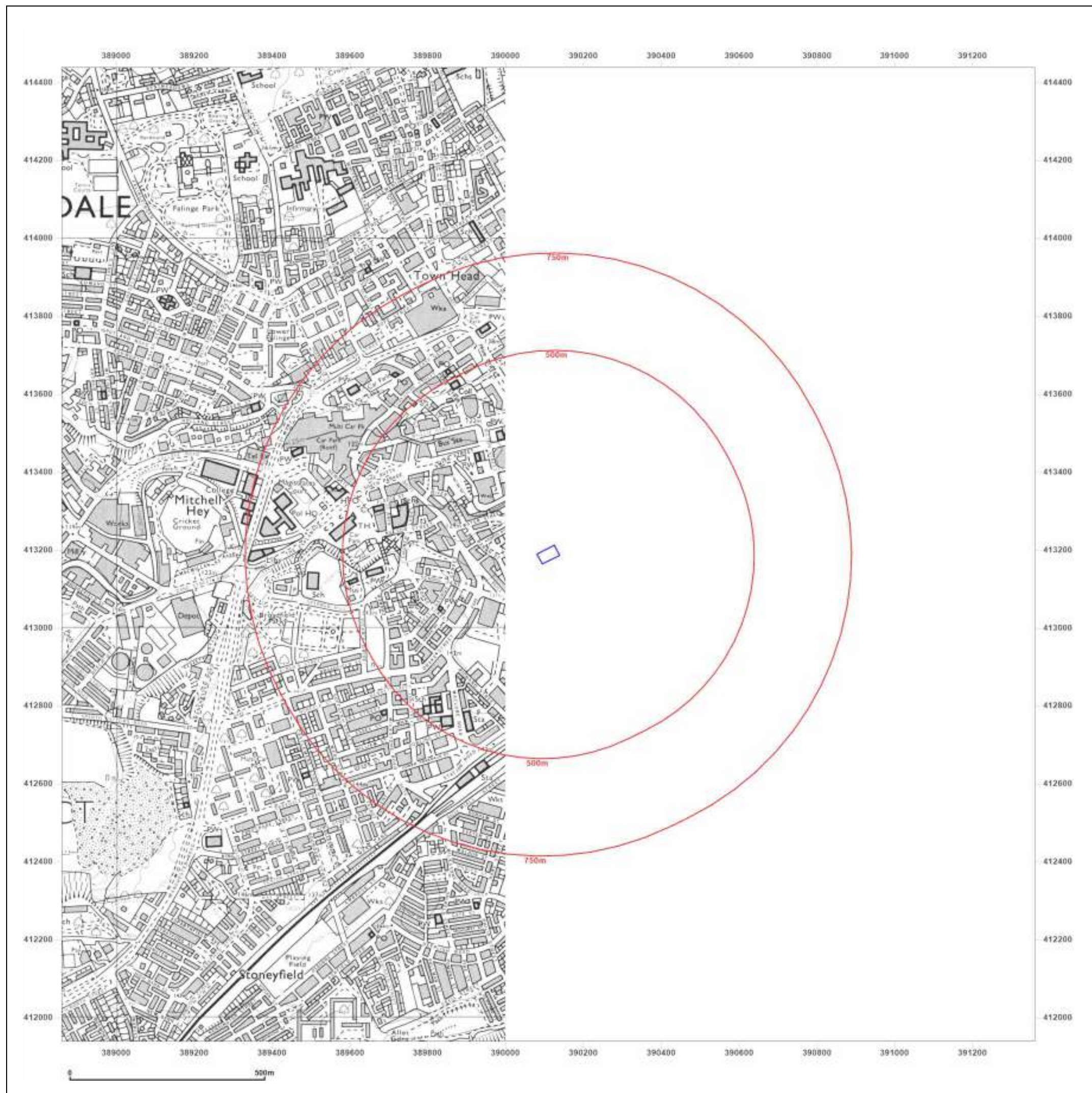
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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1987

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1984
Revised 1987
Edition N/A
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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

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
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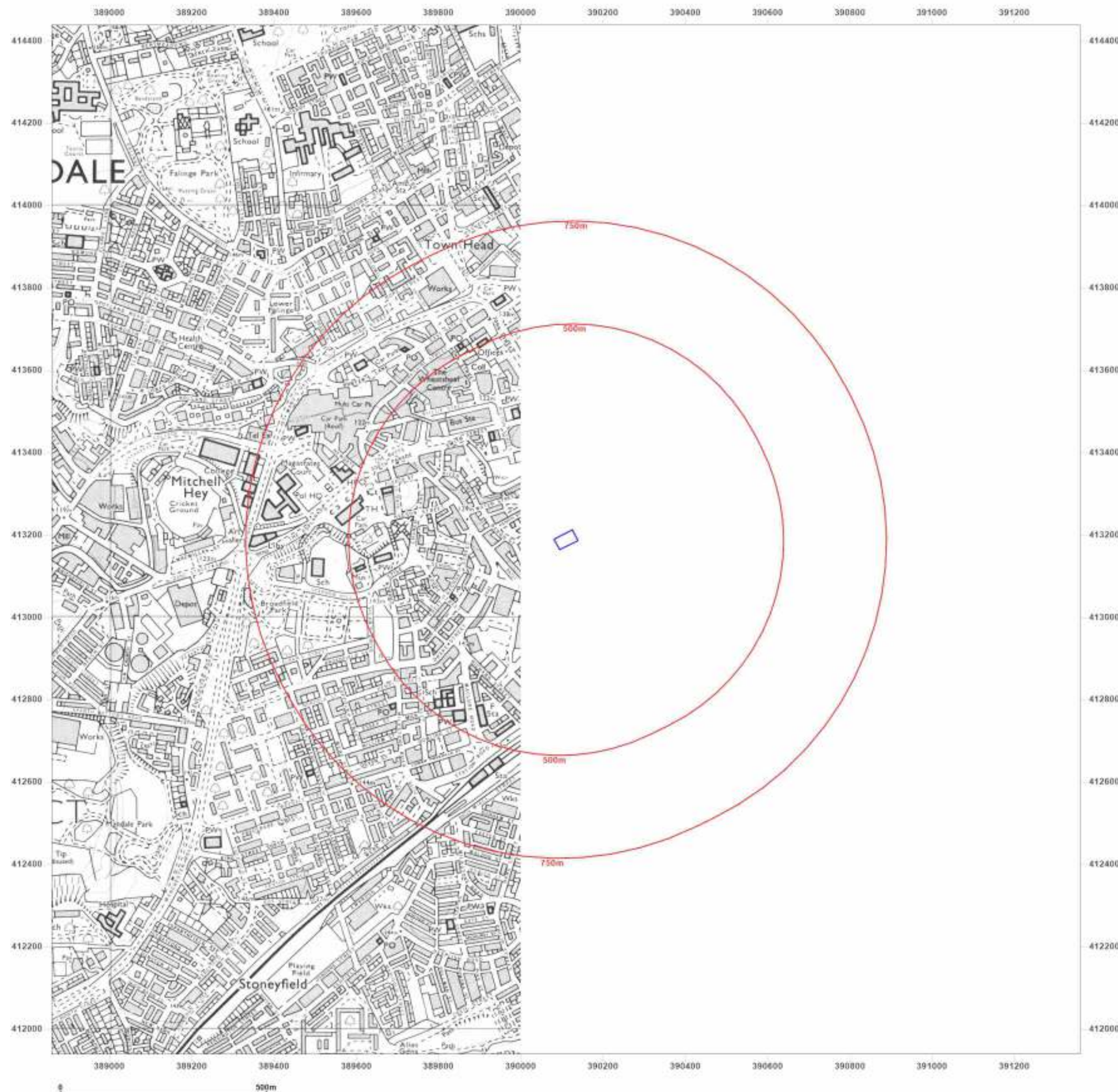


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



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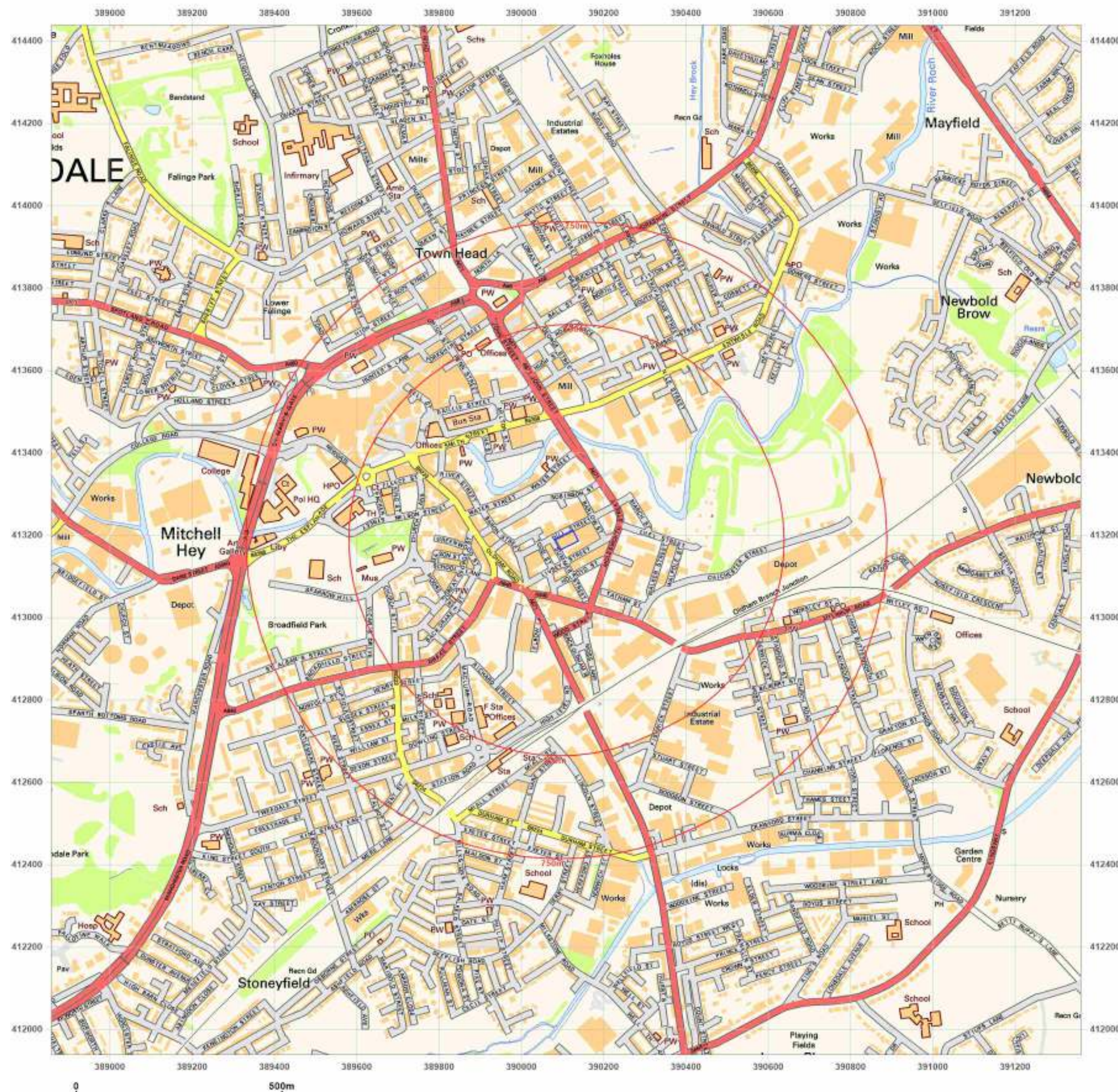


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



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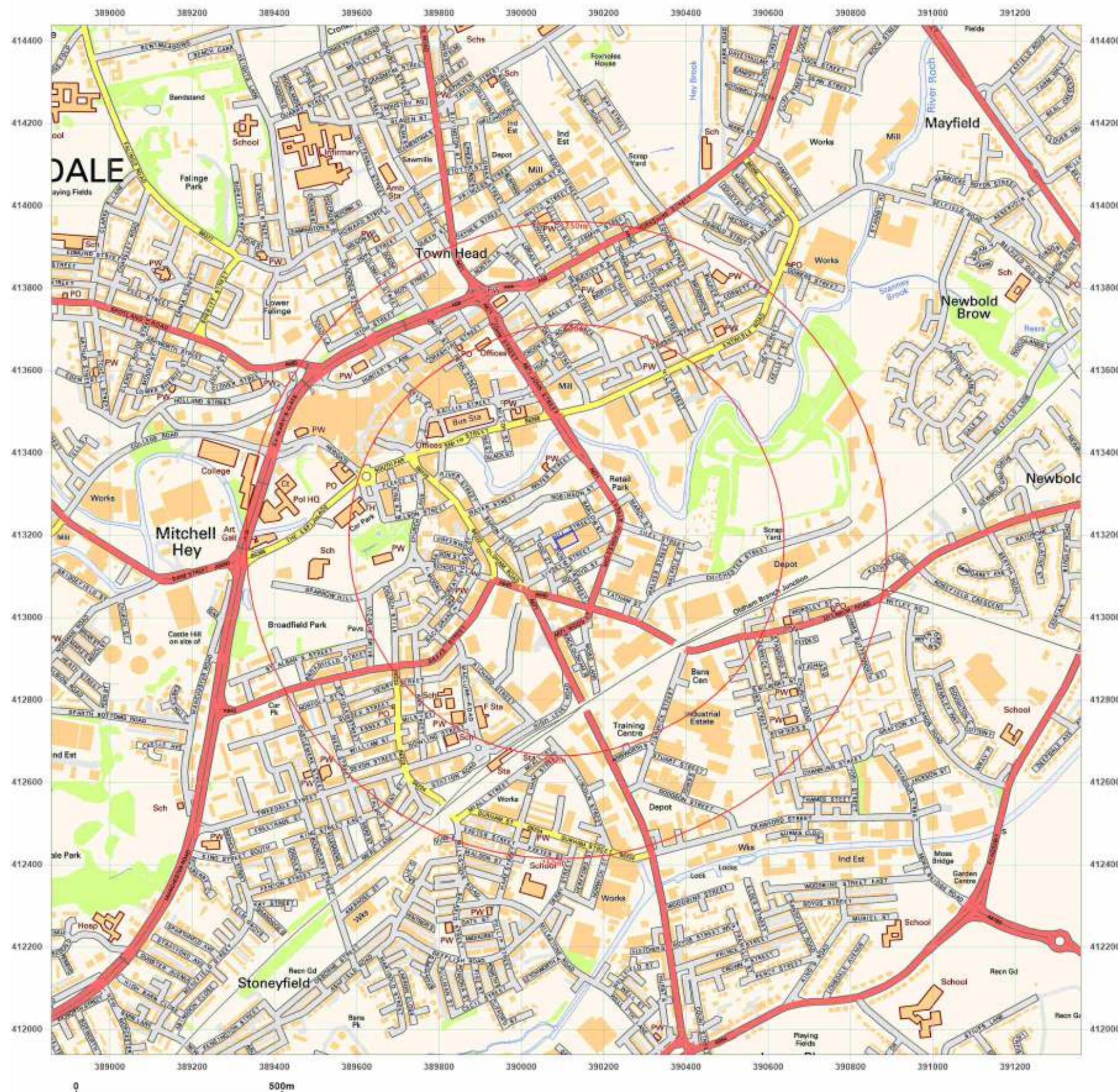


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 2025

Scale: 1:10,000

Printed at: 1:10,000



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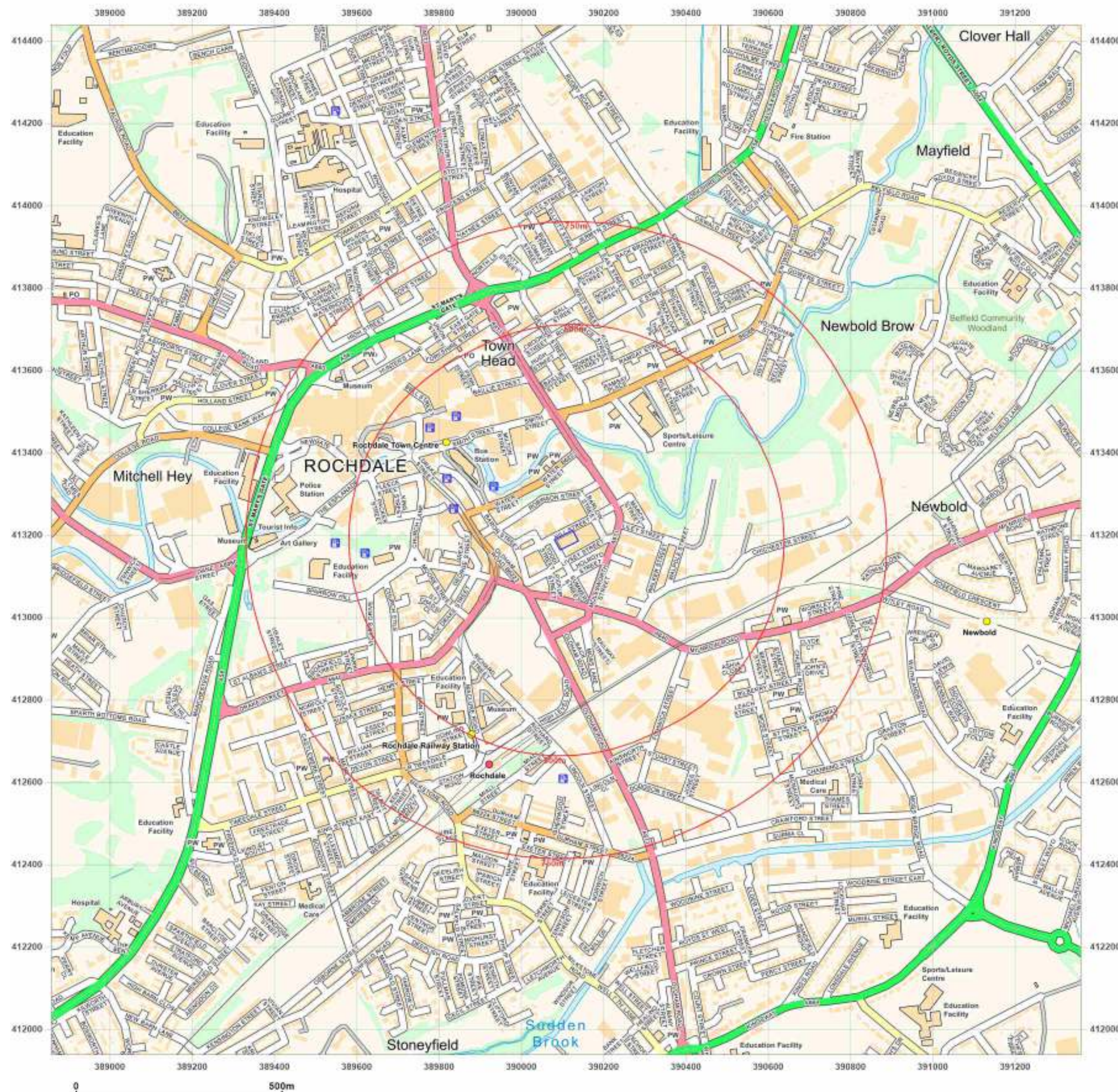


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LARGE SCALE SURVEY PLANS



Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

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



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



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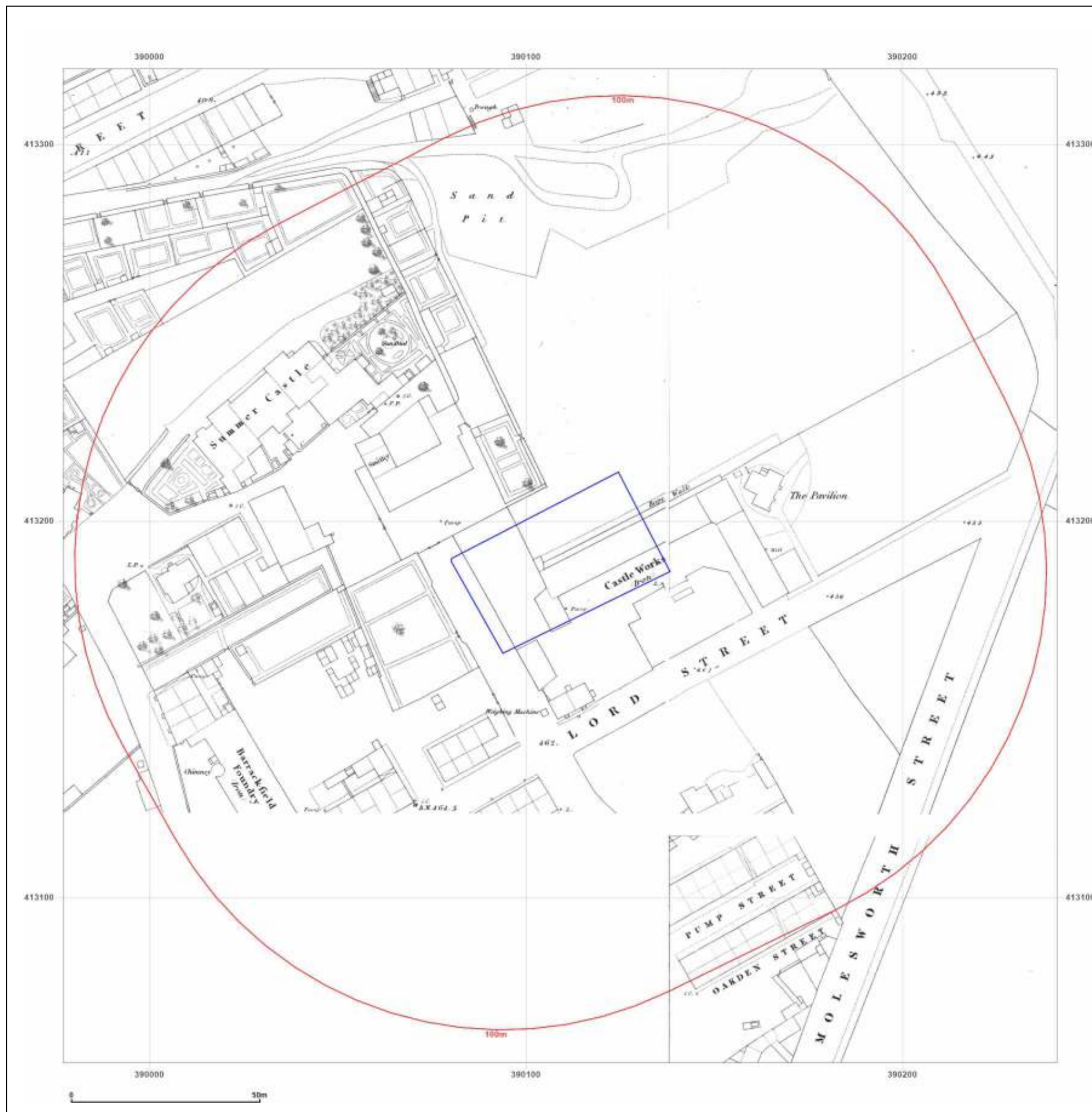


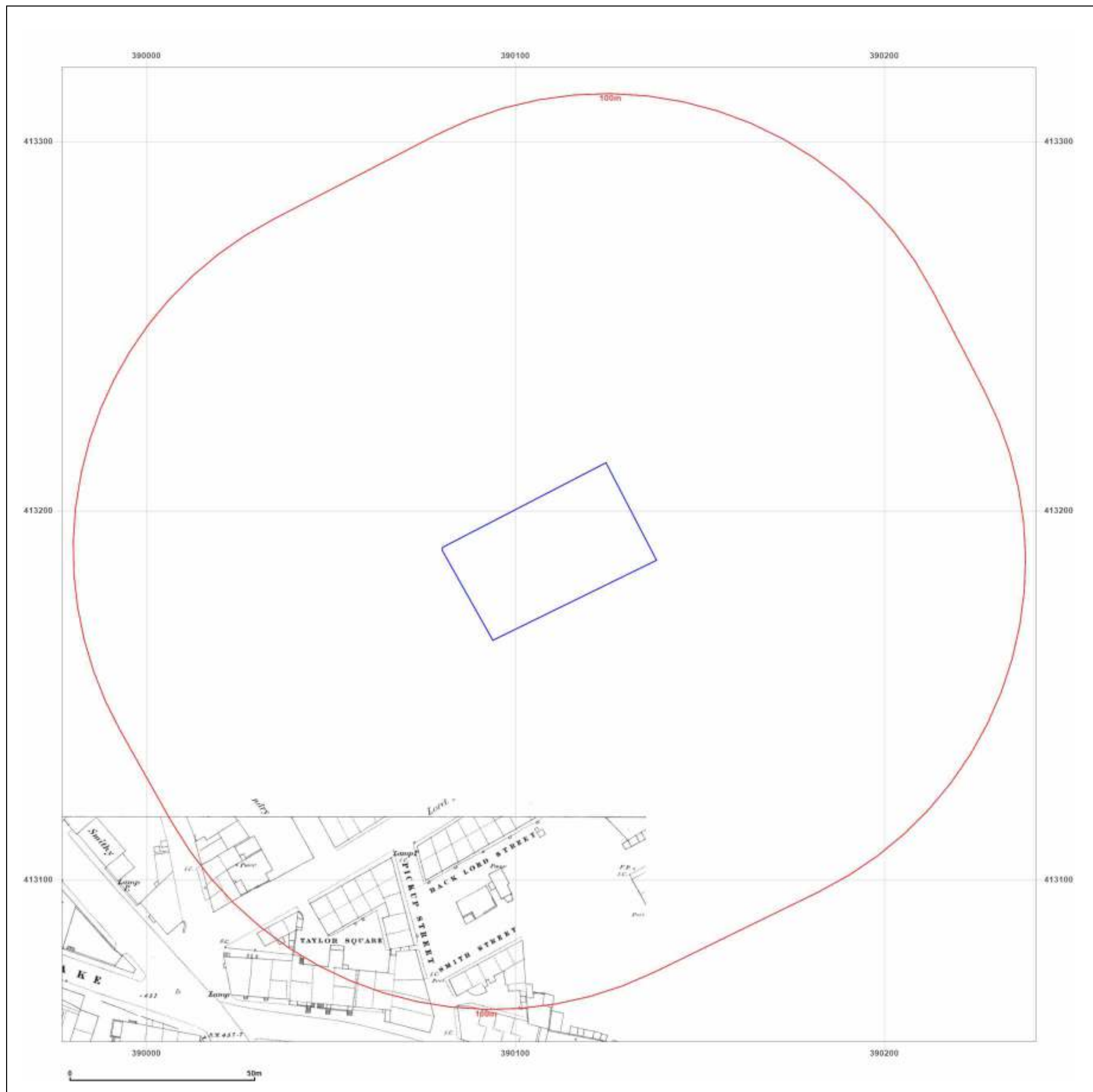
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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

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



Surveyed 1849
Revised N/A
Edition 1851
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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: County Series

Map date: 1891

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1891
Revised 1891
Edition N/A
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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

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
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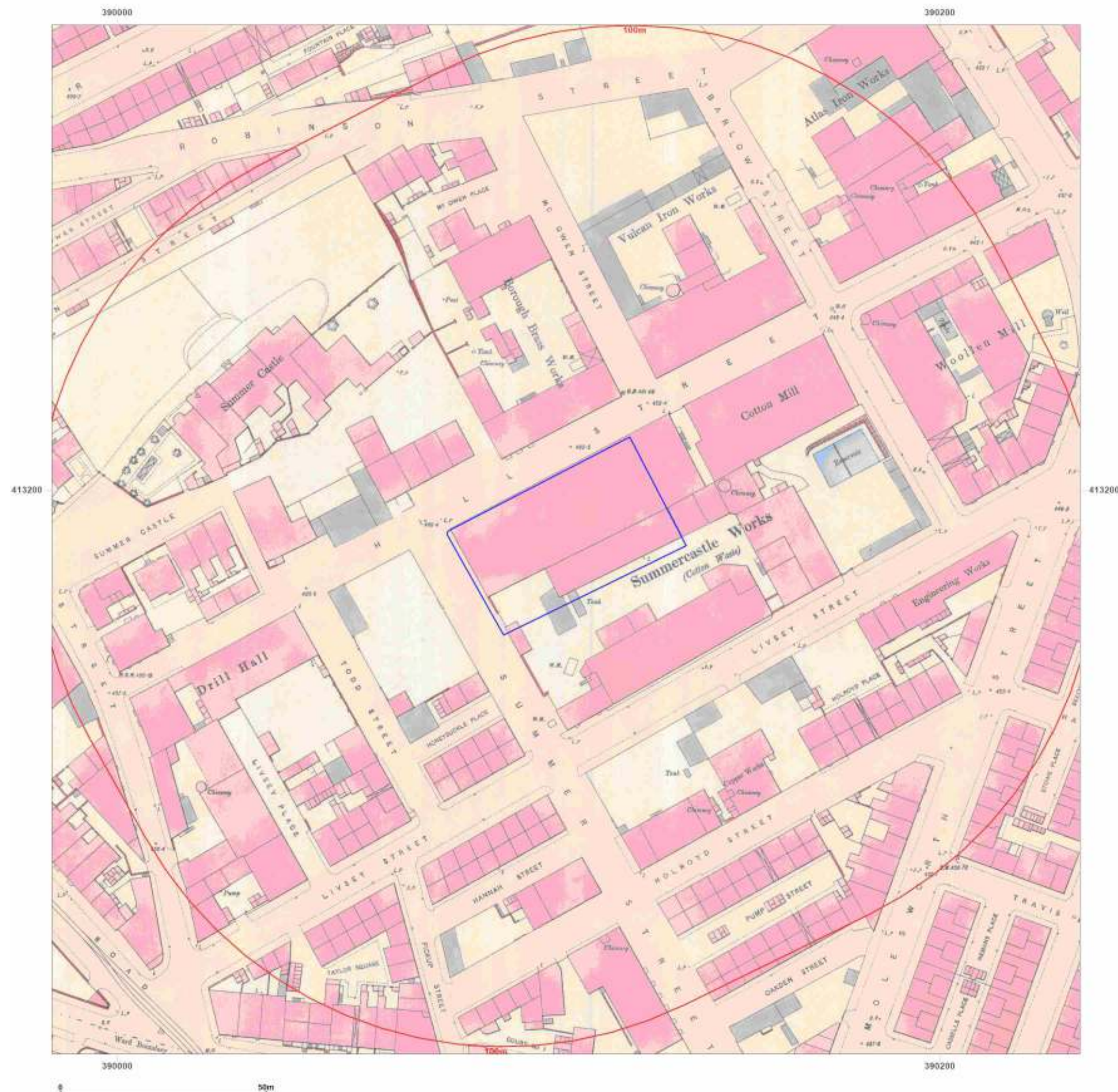


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
Revised 1930
Edition N/A
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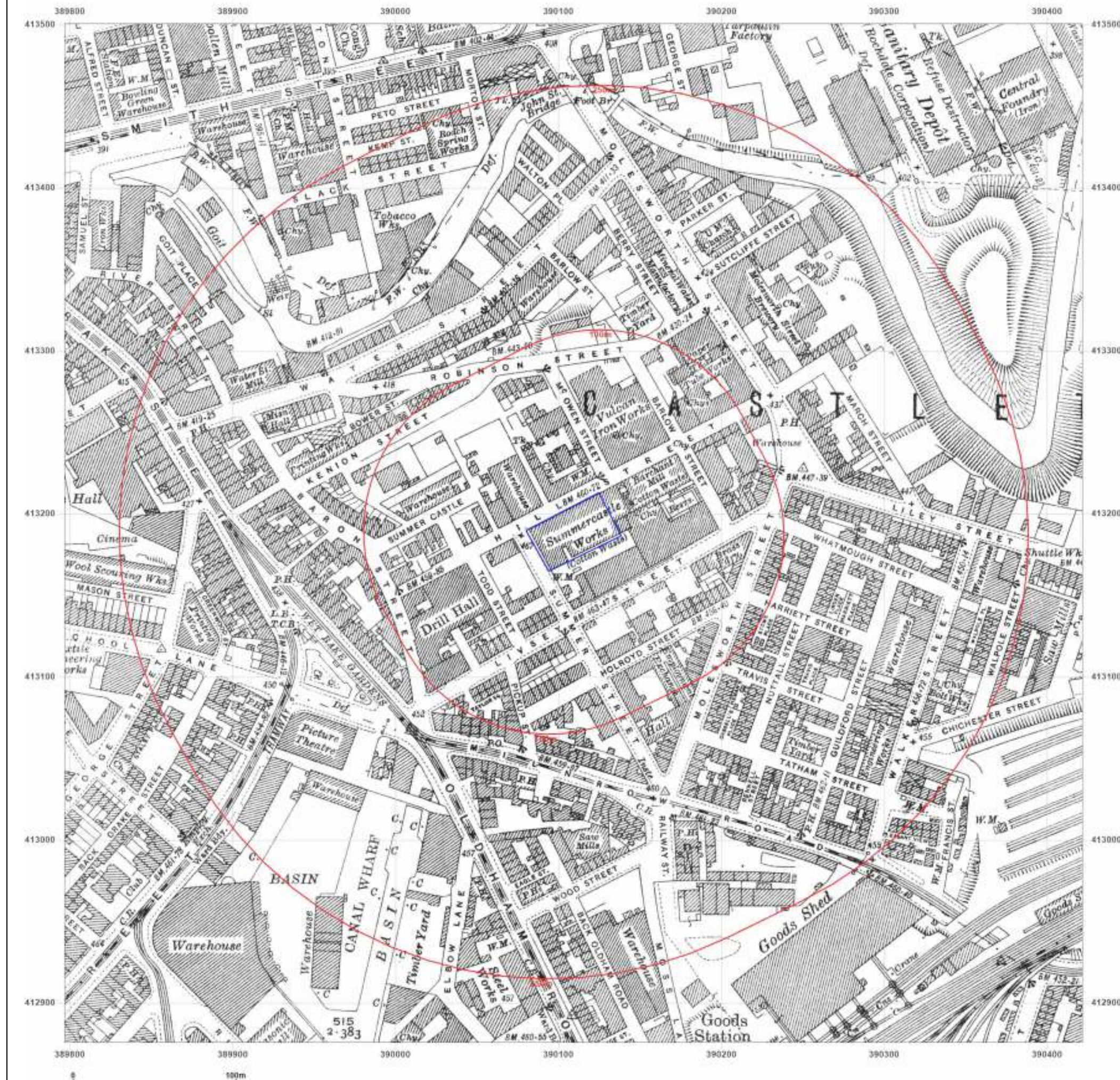


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1958

Scale: 1:1,250

Printed at: 1:2,000



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



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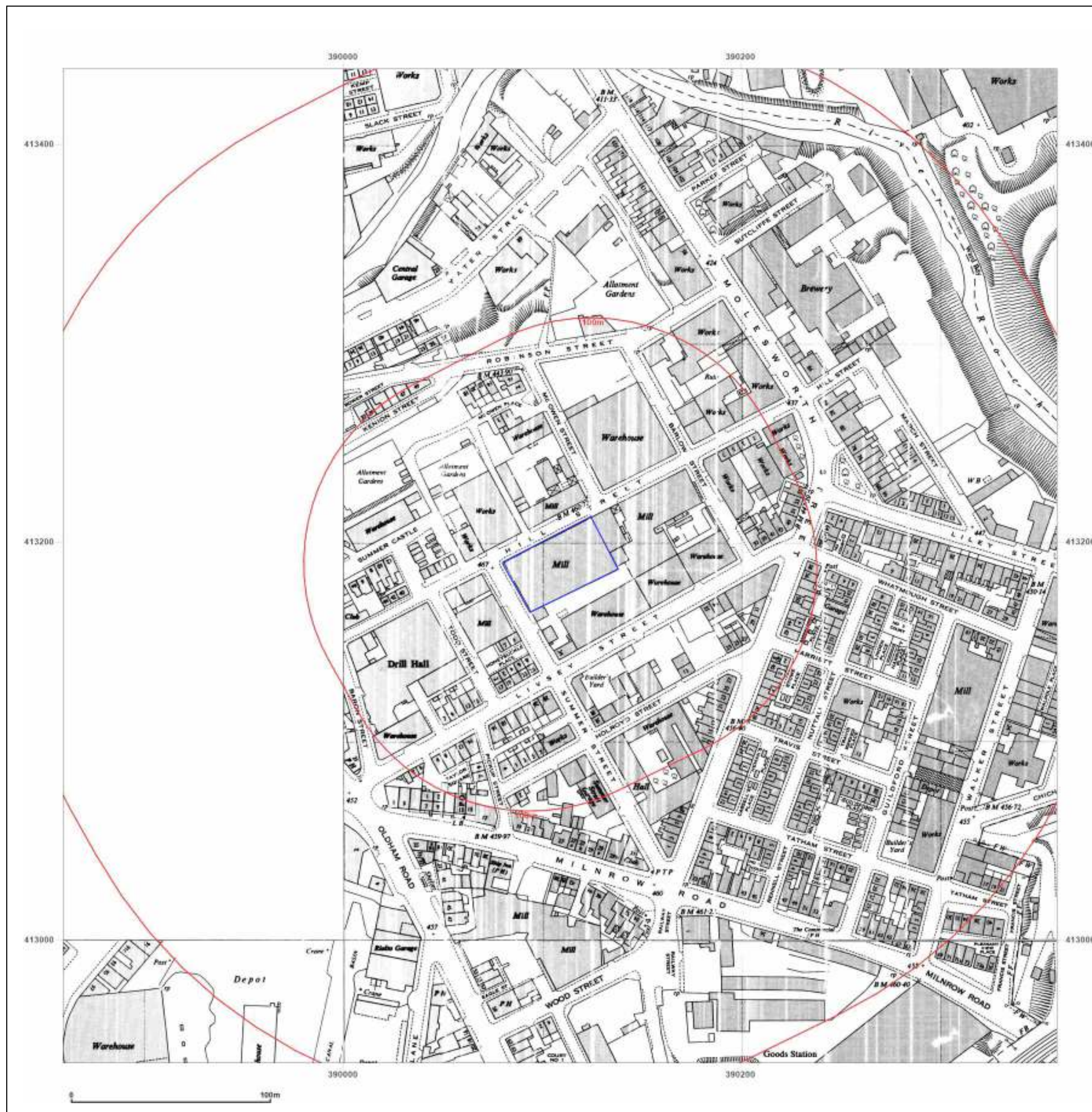


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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1957-1959

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1959
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Edition N/A
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Revised 1957
Edition N/A
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Revised 1957
Edition N/A
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Surveyed 1957
Revised 1957
Edition N/A
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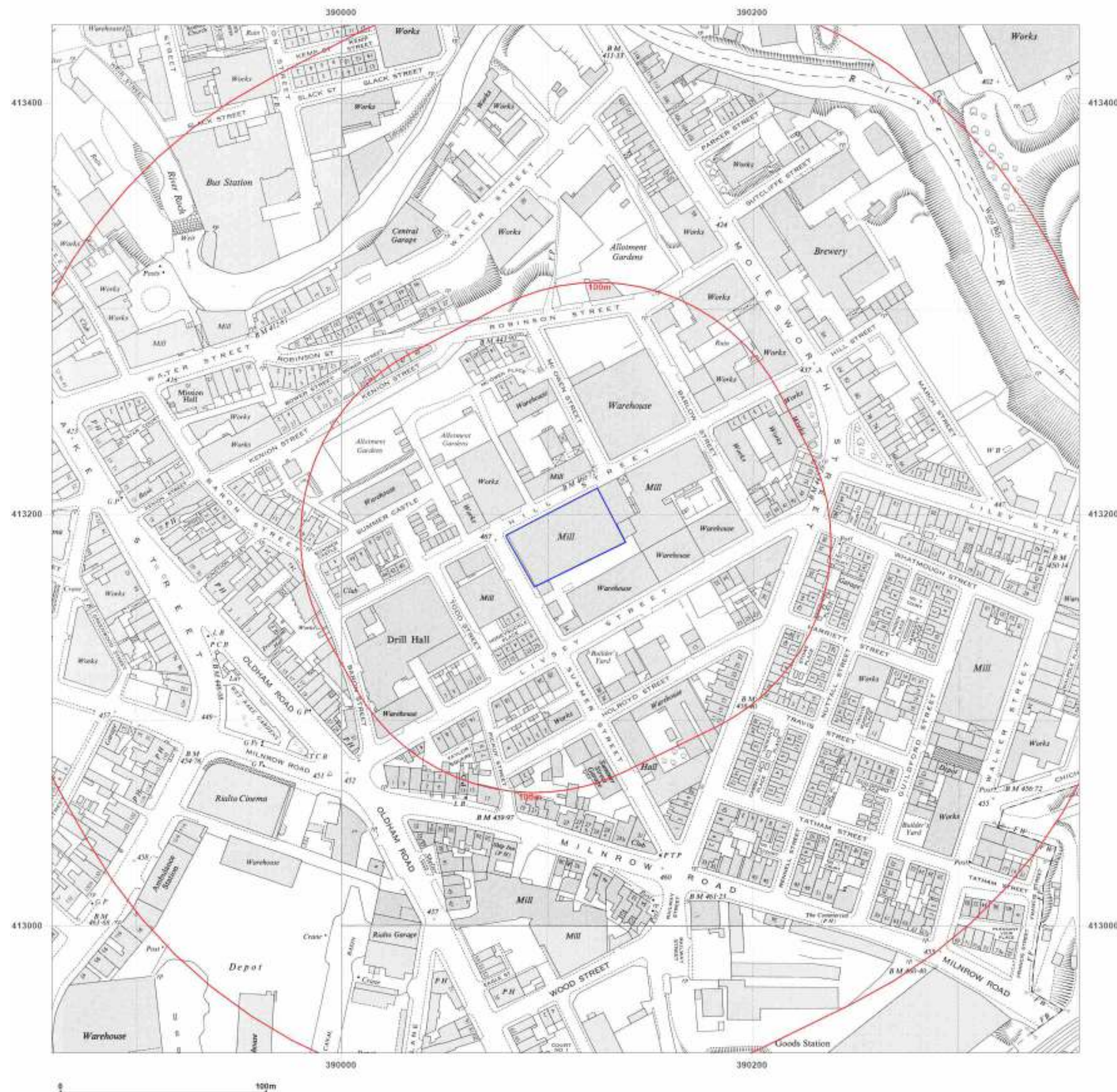


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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1958-1959

Scale: 1:2,500

Printed at: 1:2,500



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

Surveyed 1957
Revised 1957
Edition 1959
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Revised 1957
Edition 1958
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Levelled 1928

Surveyed 1957
Revised 1957
Edition 1958
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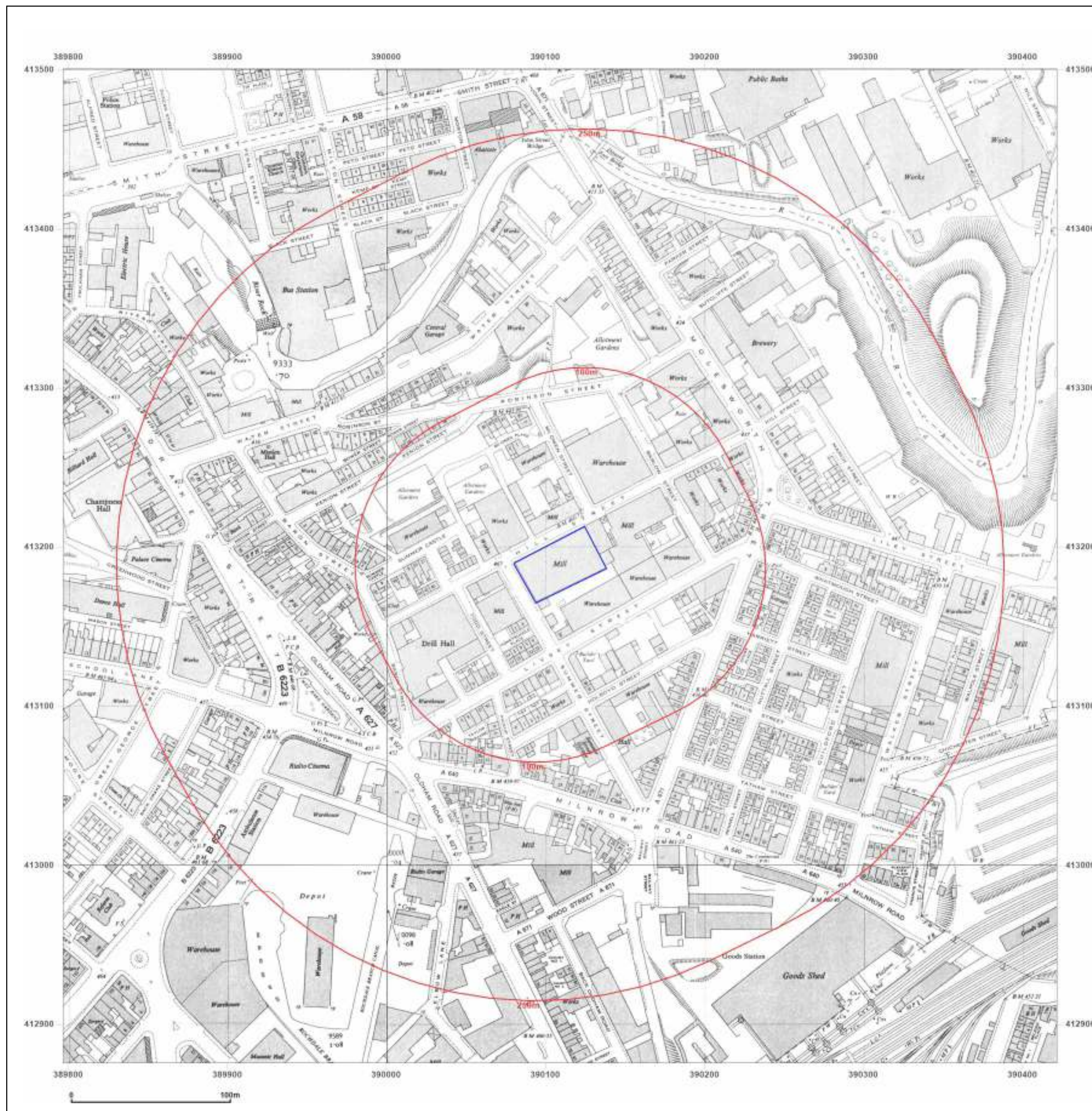


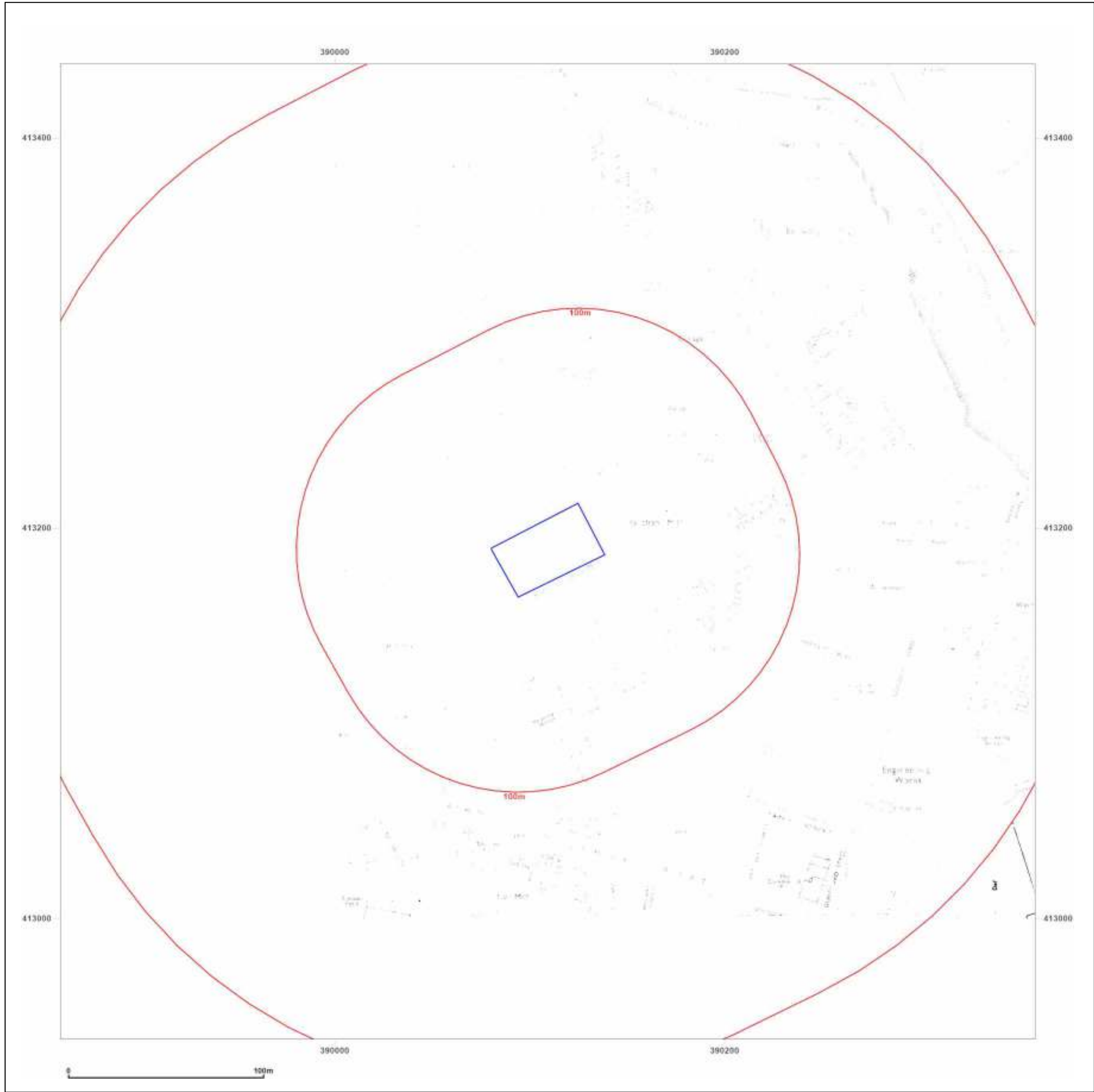
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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1975

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
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Site Details:

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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1974-1978

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
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Revised N/A
Edition N/A
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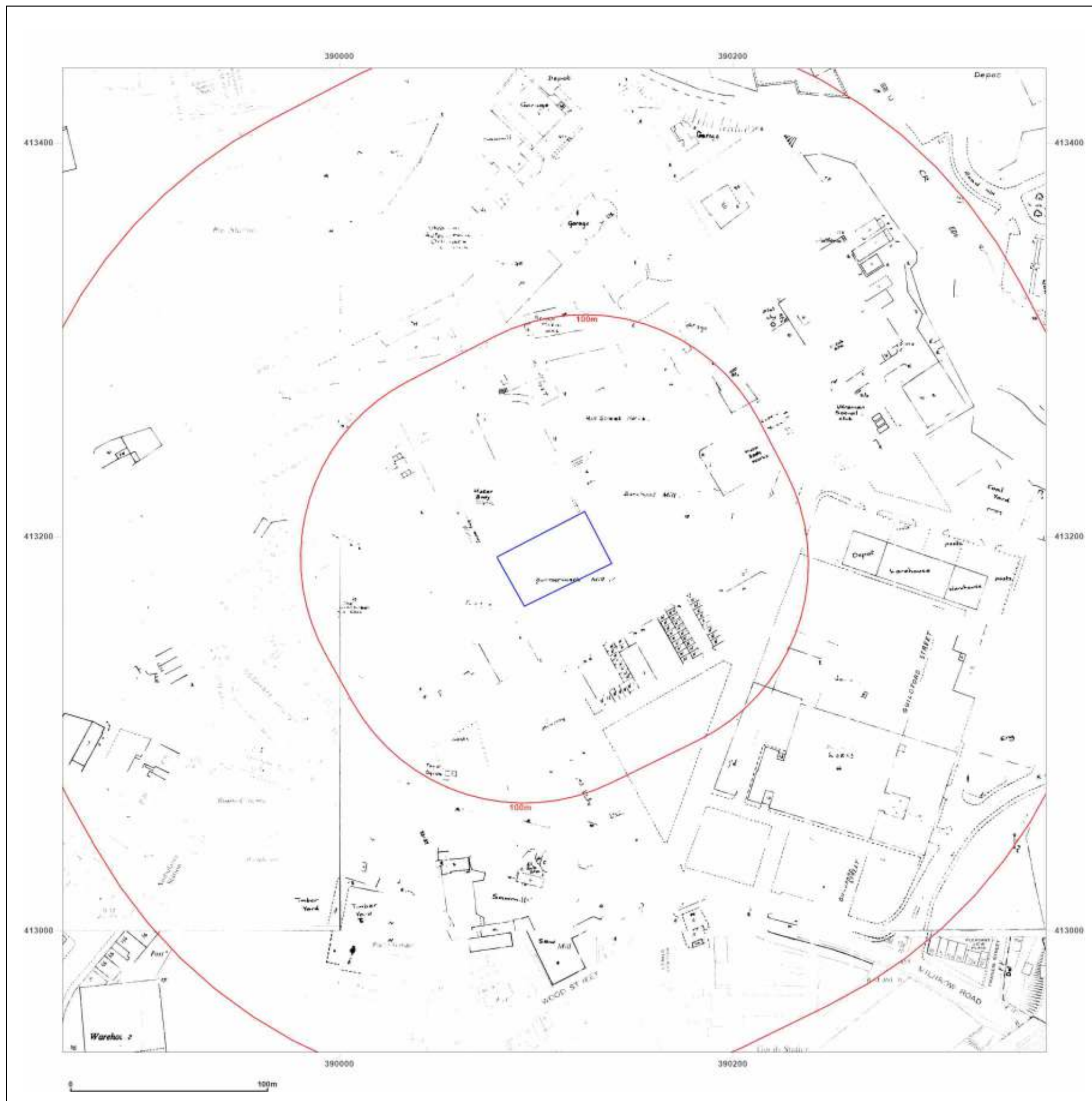


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1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1975-1978

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1978
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Surveyed 1957
Revised 1974
Edition N/A
Copyright 1975
Levelled 1962

Surveyed N/A
Revised N/A
Edition N/A
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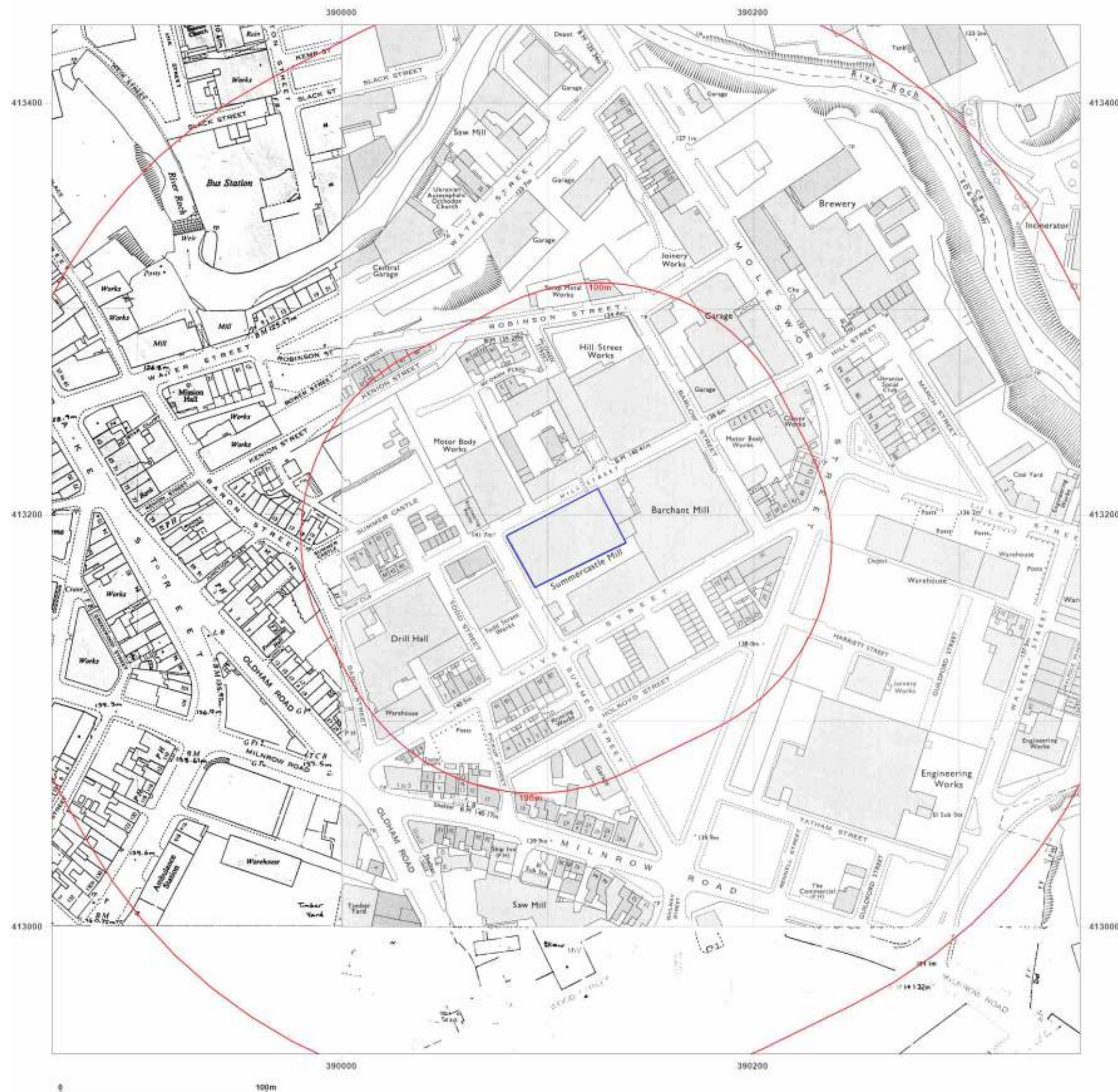


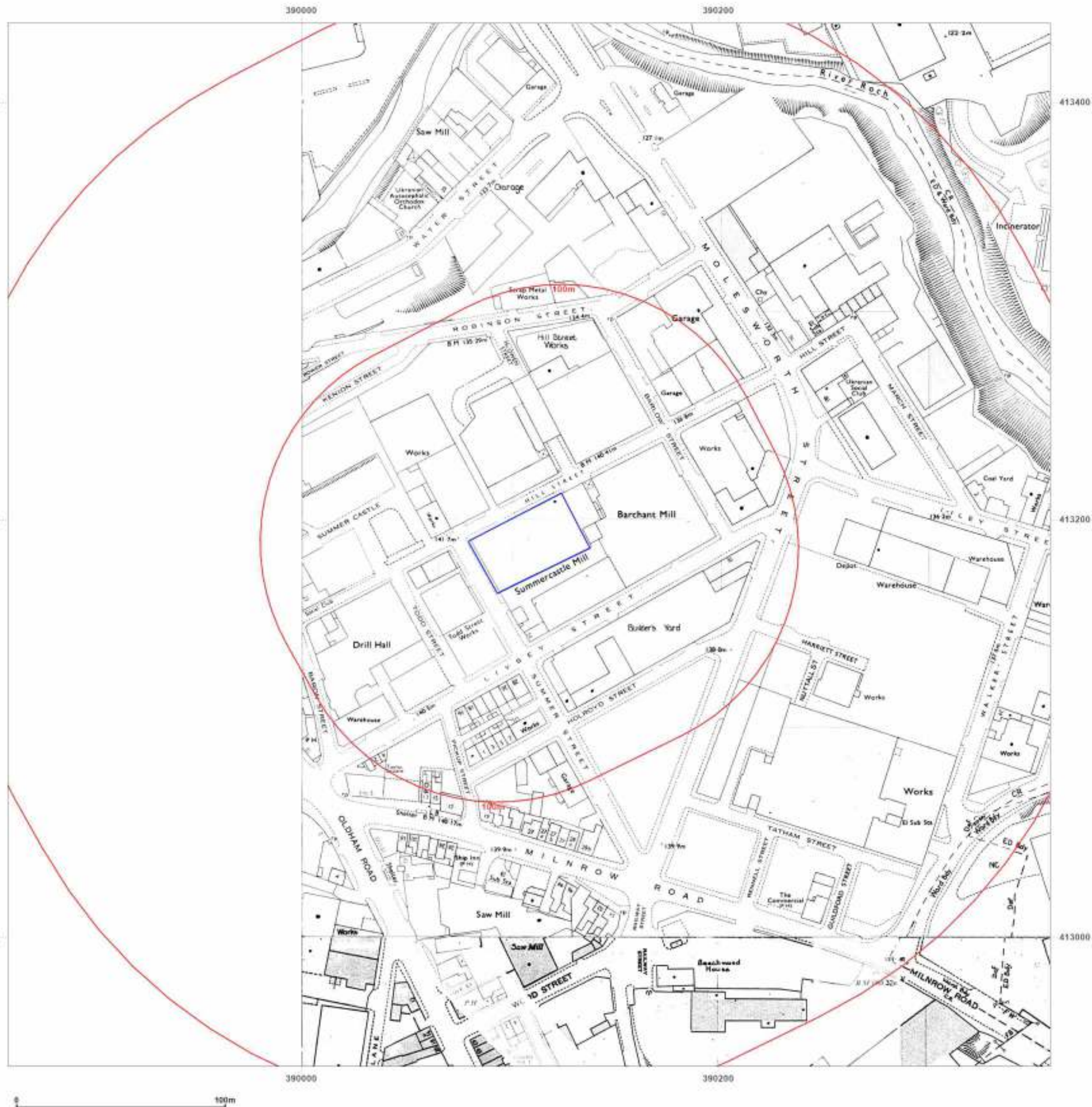
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1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name:	National Grid
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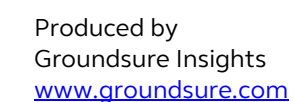
Map date: 1982-1986

Scale: 1:1,250

Printed at: 1:2,000



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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1982-1987

Scale: 1:1,250

Printed at: 1:2,000



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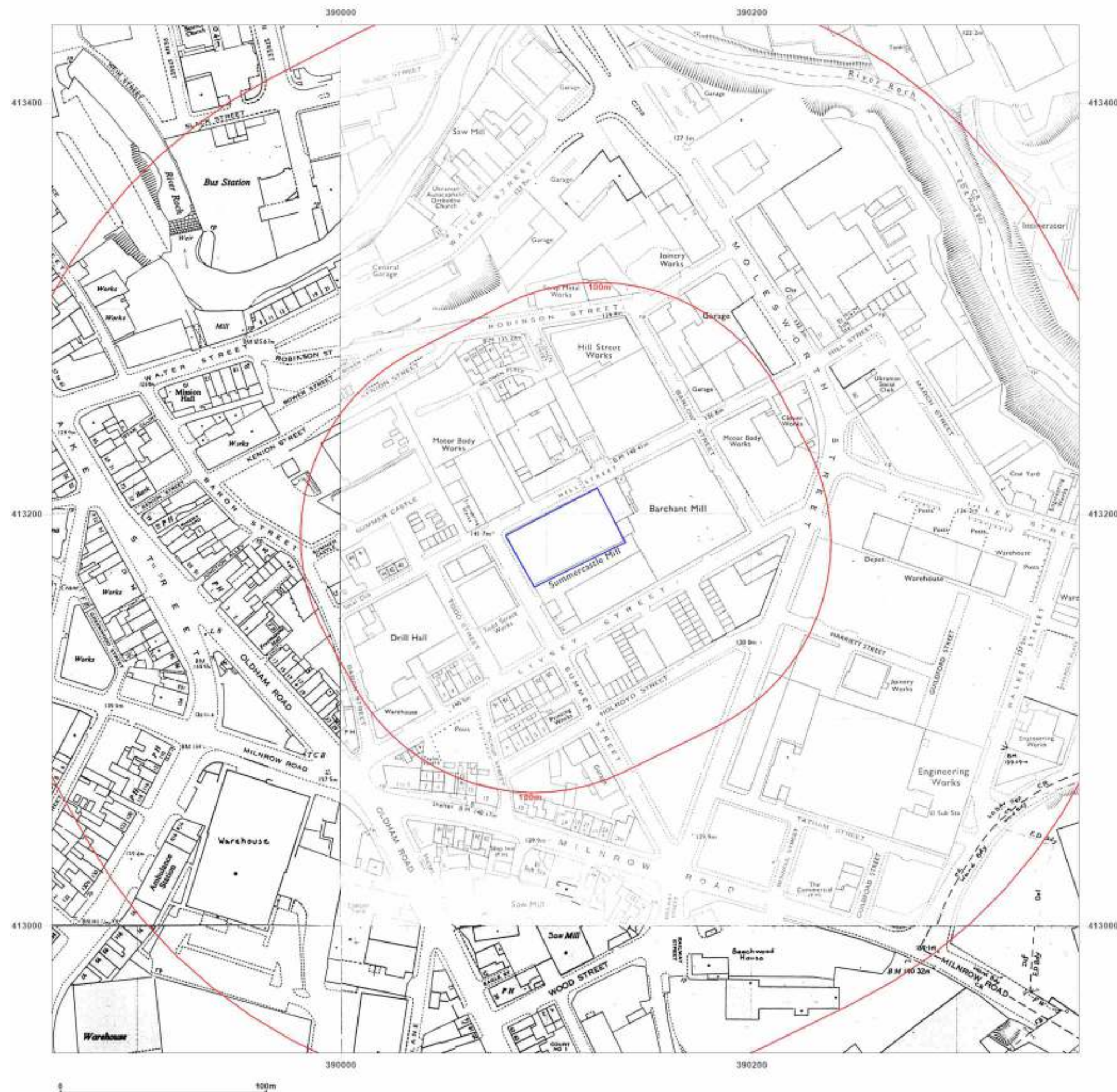


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1985-1989

Scale: 1:1,250

Printed at: 1:2,000



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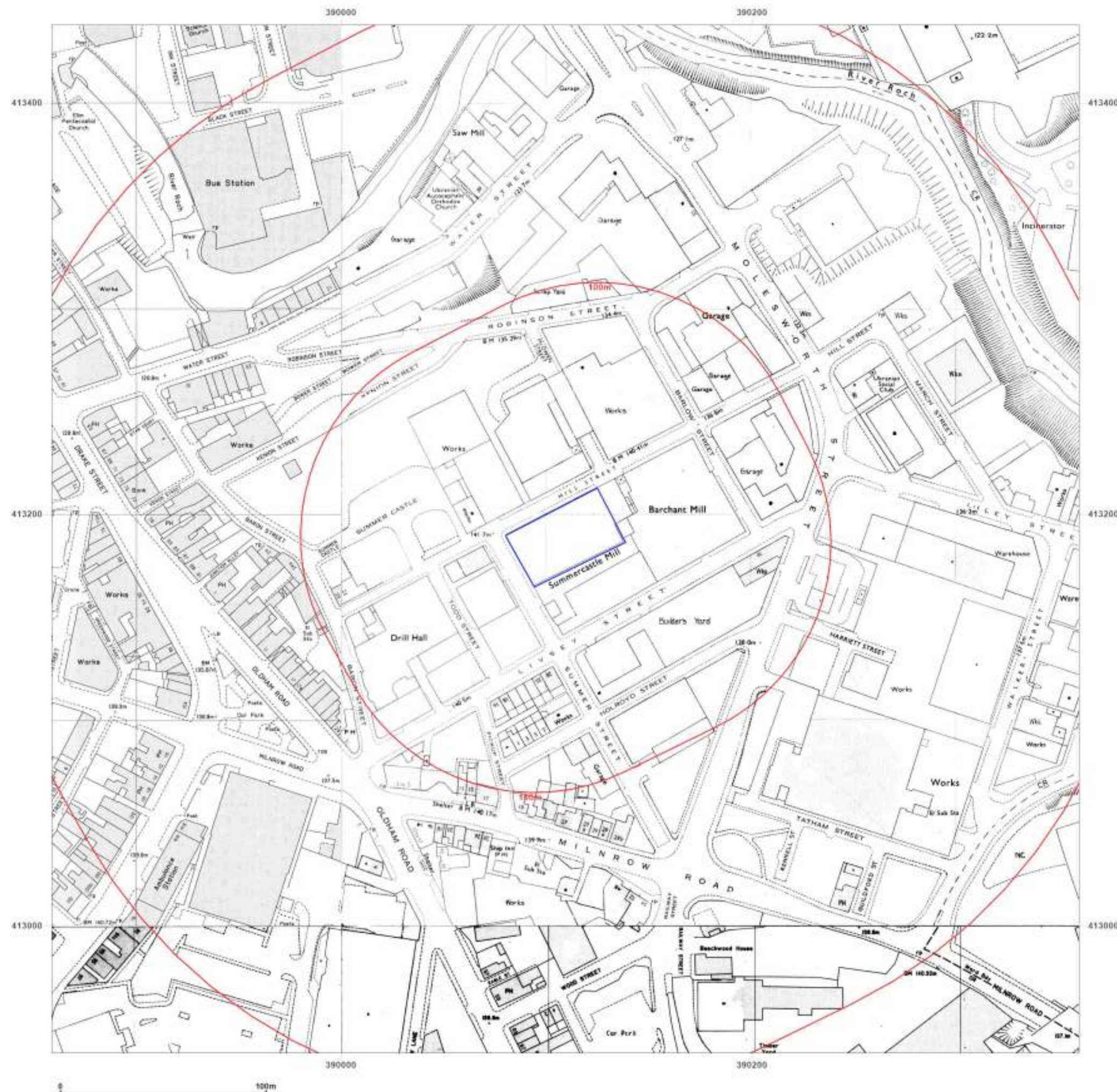


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1988-1992

Scale: 1:1,250

Printed at: 1:2,000



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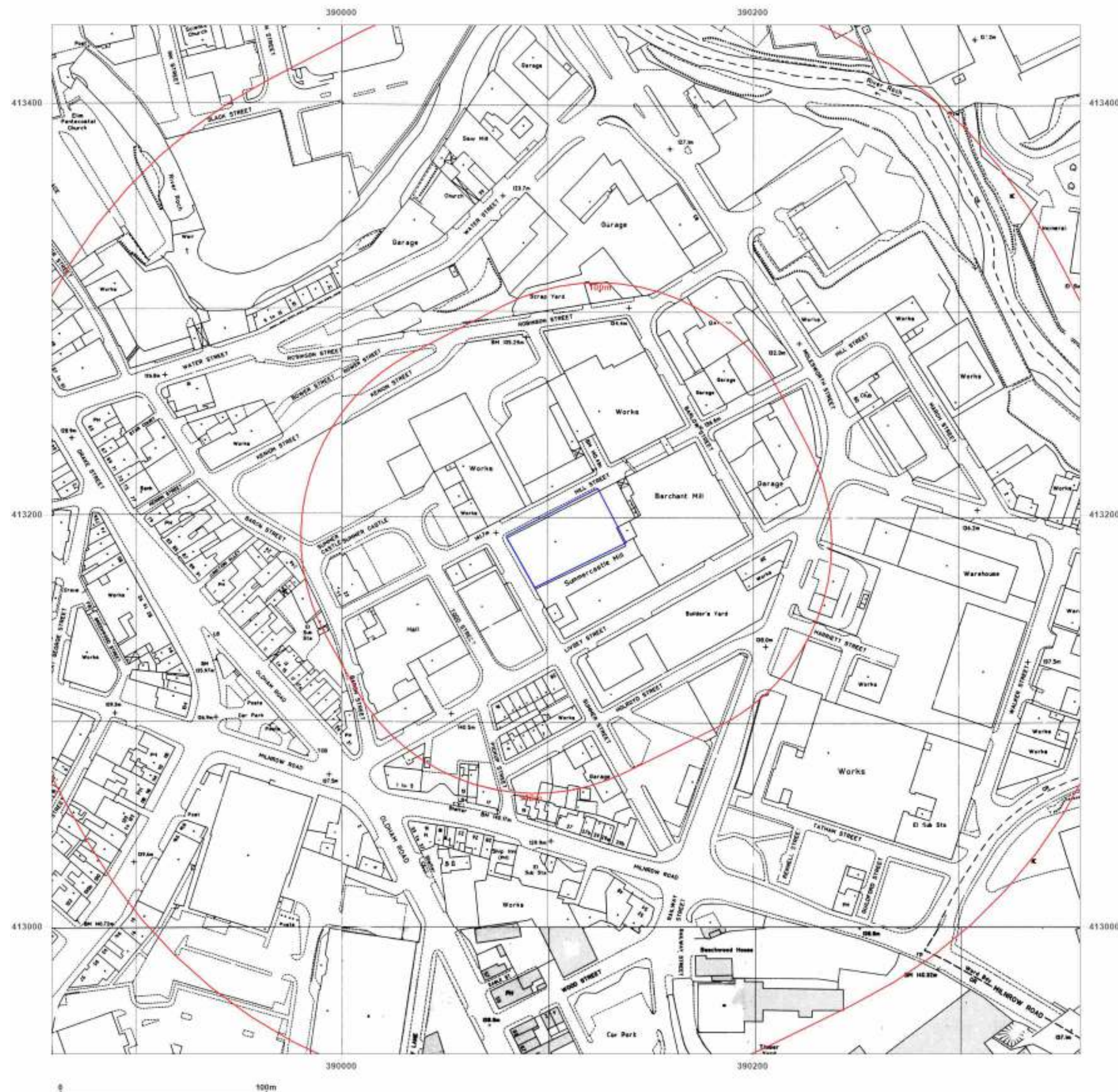


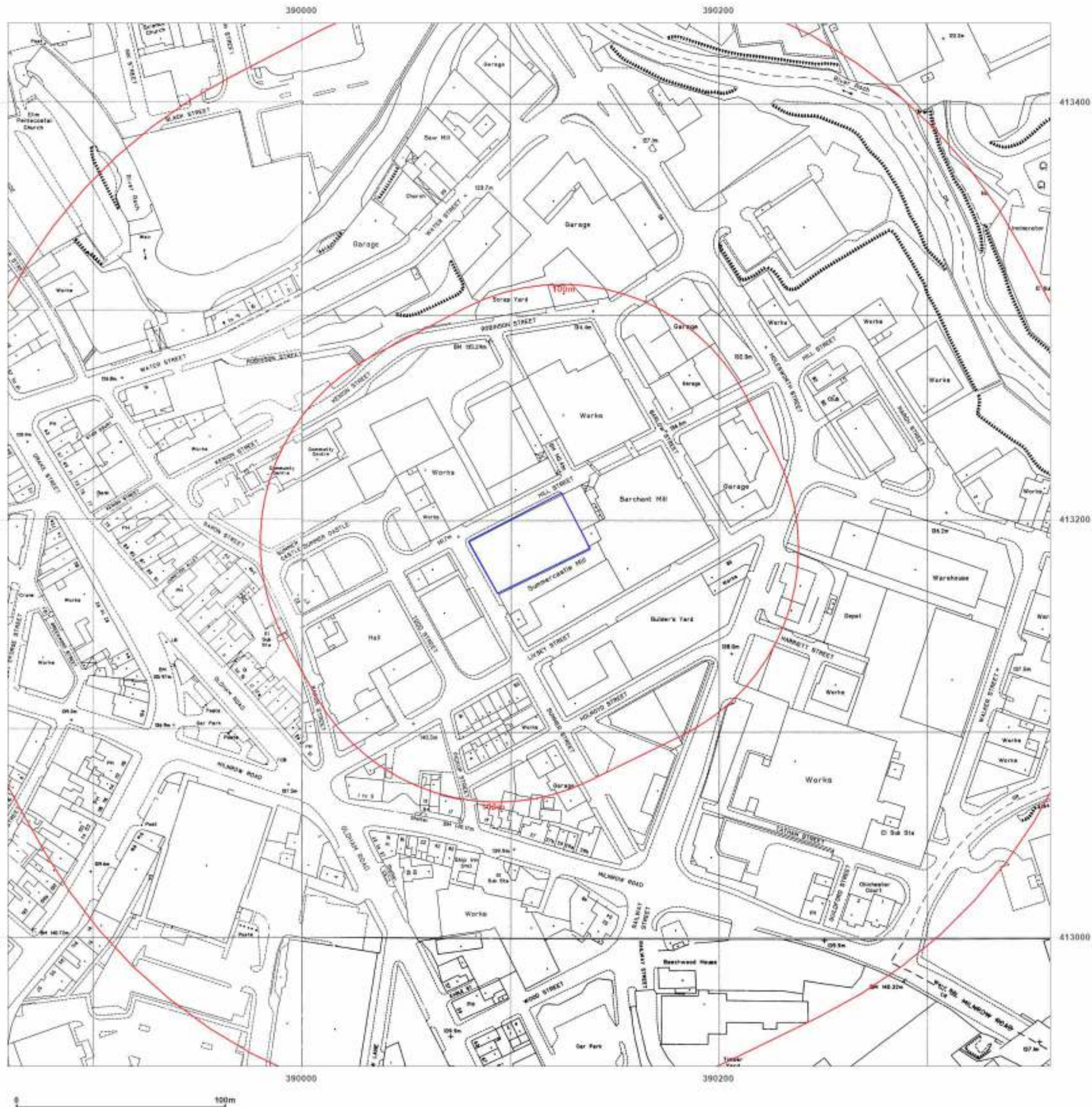
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1 Summer St, Rochdale, OL16
1SY

Map Name:	National Grid
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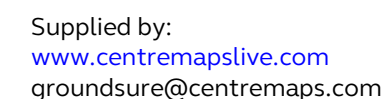
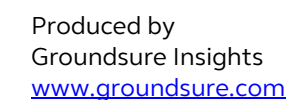
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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: National Grid

Map date: 1993-1995

Scale: 1:1,250

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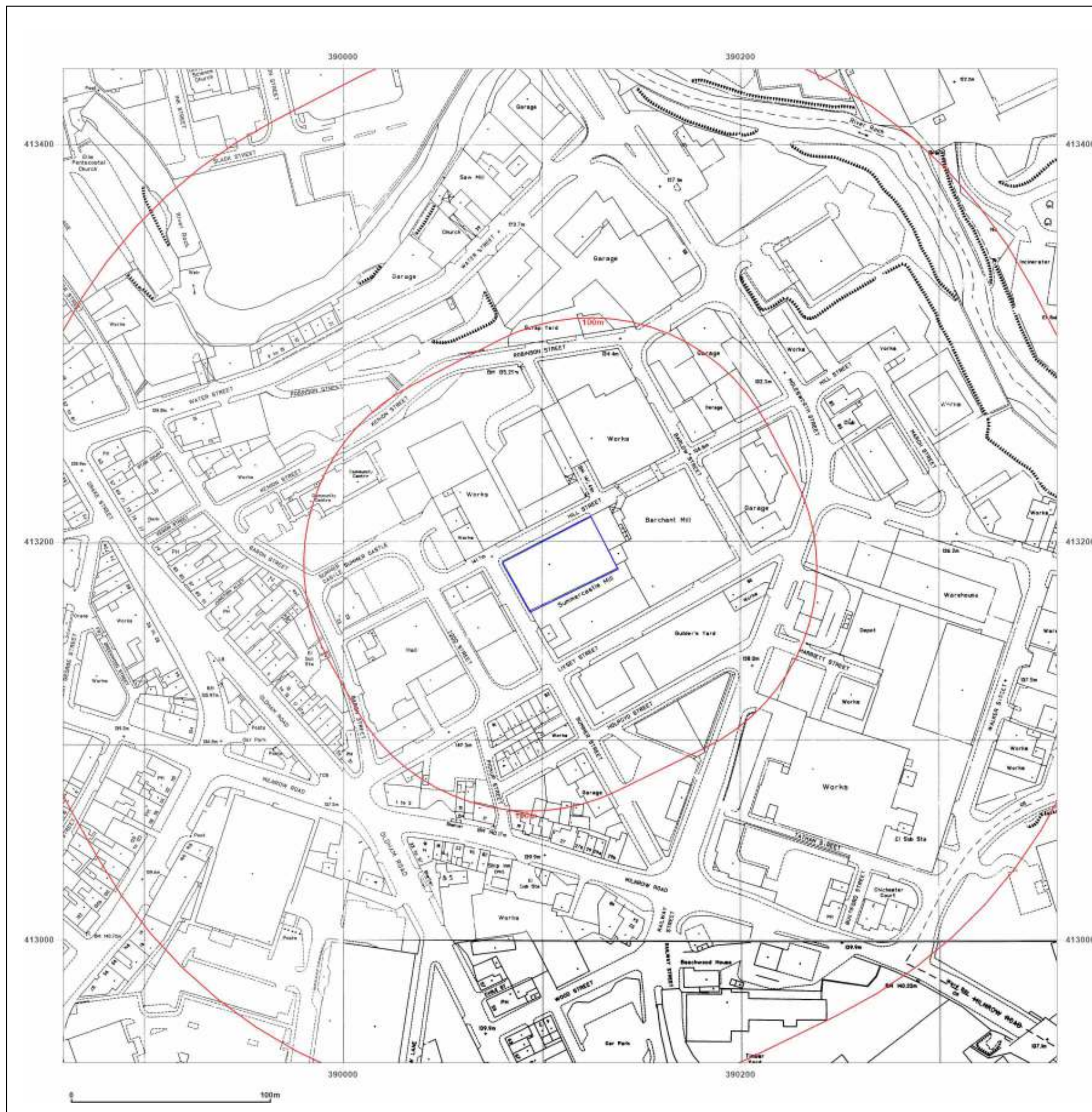


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Site Details:

1 Summer St, Rochdale, OL16
1SY

Client Ref: CMAPS-CM-1245634-4199-131025
Report Ref: CMAPS-CM-1245634-4199-131025HIS
Grid Ref: 390109, 413188

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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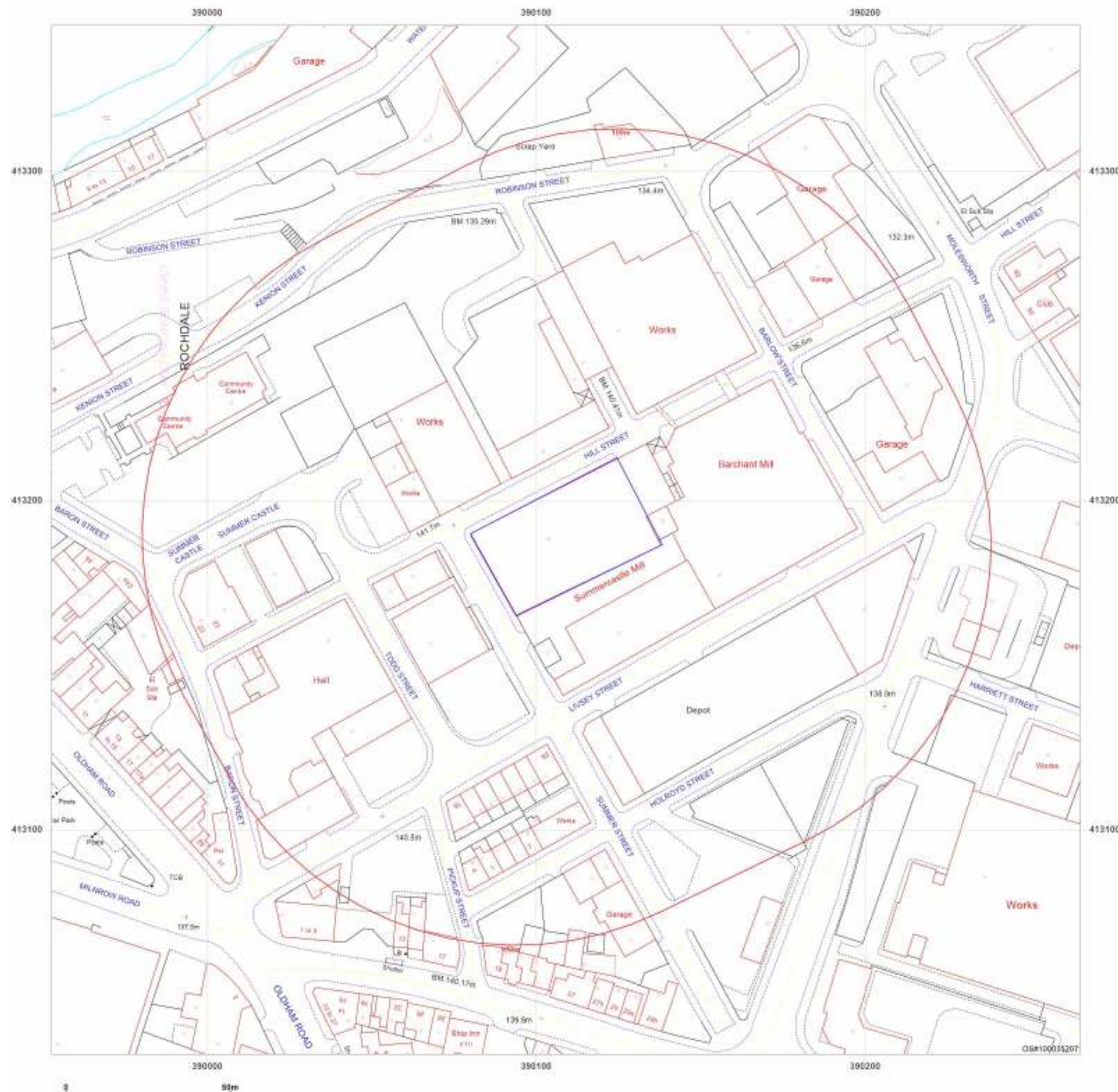


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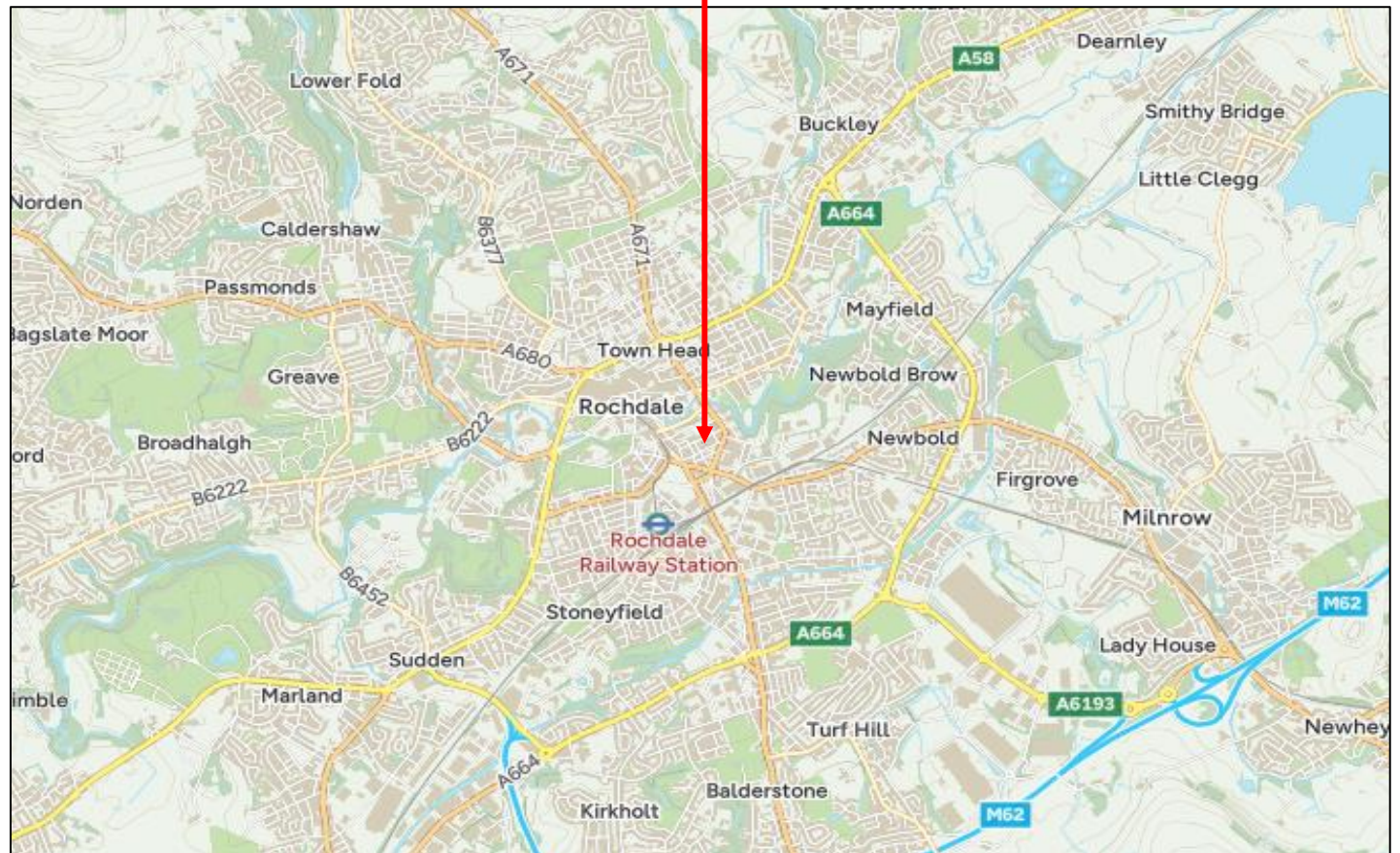
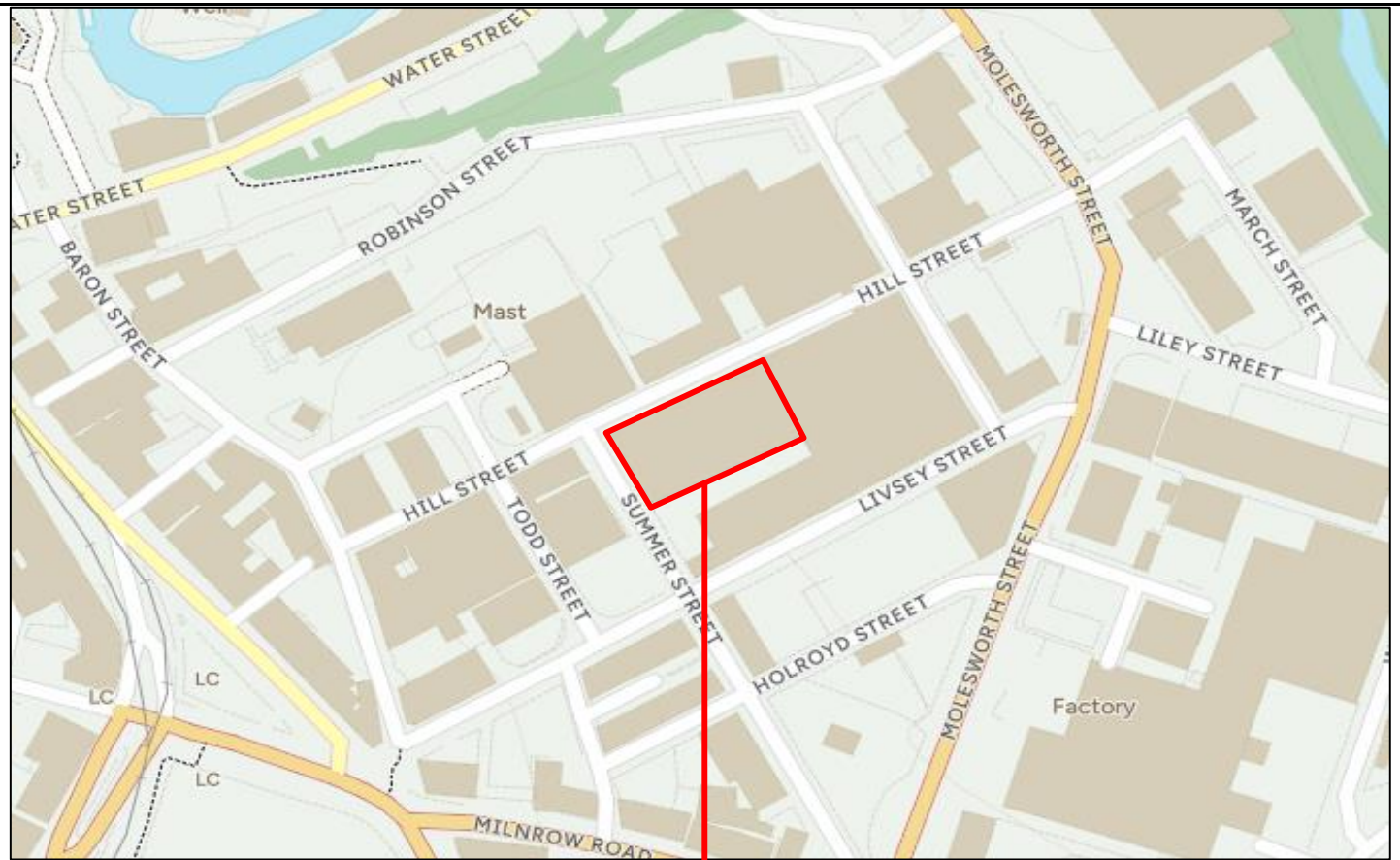
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FIGURES



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SS SUB SURFACE

SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Site:
1 SUMMER STREET, ROCHDALE, GREATER MANCHESTER

Client:
HIGH STANDARD LIMITED

Site Location Plan

Date Drawn:
07-Nov-25

Drawn By:
MSB

Date Checked:

Checked By:

Orientation:

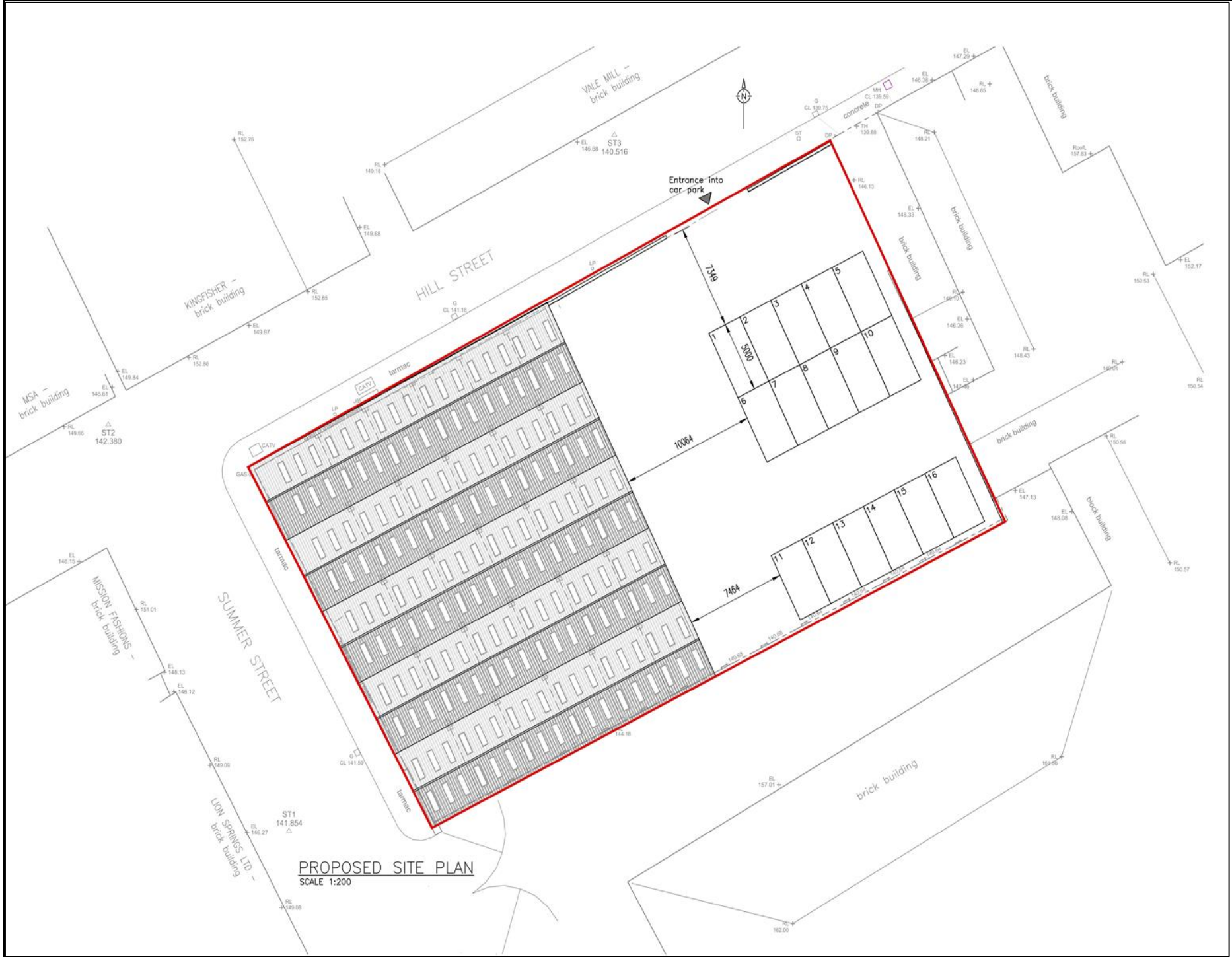


Scale:

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Job Number:
8288

Figure Number:
1



SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907	Proposed Development			Job Number: 8288
	Date Drawn: 07-Nov-25	Date Checked:	Orientation: 	
Site: 1 SUMMER STREET, ROCHDALE, GREATER MANCHESTER	Drawn By: MSB			Figure Number: 3
Client: HIGH STANDARD LIMITED	Checked By:			