

EnviroSmart Plus



Phase 1 Contaminated Land Assessment

Site address

Land adjacent to Rochdale Road and
Church Avenue
Middleton
M24 2RB

Date issued

August 2024

Report status

Final

Grid Reference

388540, 408780

Site Area

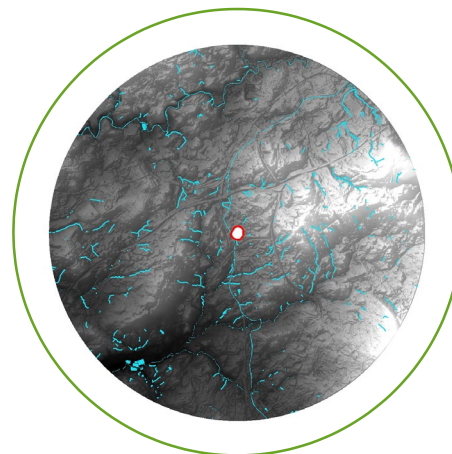
0.19 ha

Report prepared for

Robert Holmes Ltd
211 Manchester New Road
Alkrington
M24 1JT

Report reference

81844.01R1



Risk – Moderate/Low

Given the nature of the historical land use and therefore the potential for localised ground contamination to be present at the Site, it is recommended that a proportionate programme of site investigation works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks.

Although the site lies within a Safeguarding Area for brick/clay, sand/gravel and coal, as the site is already developed and within a residential setting it would not be environmentally acceptable or economically viable to extract the mineral prior to redevelopment of the site.

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Executive Summary



The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contaminated land hazards which may be present at the study site. GeoSmart are providing consultancy and professional opinion based upon our collation, interpretation and assessment of information contained within an Envirocheck report, and other sources where expressly stated (i.e. site visits, photographs, and anecdotal evidence). It is acknowledged that the risk assessment findings are based on documentary sources of information alone.

Site analysis

1. Probability/likelihood of a contaminant hazard at the Site	High likelihood	
	Likely	
	Low likelihood	
	Unlikely	
2. Potential severity/consequence of any impacts	Severe	
	Medium	
	Mild	
	Minor	
3. Overall land quality risks posed by the Site	Very high	
	High	
	Moderate	
	Moderate/low	
	Low	
	Very low	

Summary of existing and proposed development

This report has been prepared for two parcels of land; the development land off Church Avenue is referred to as Site 1, whereas the land off Rochdale Road is referred to as Site 2. Both development plots are currently occupied by private garages in varying condition (12 units on Site 1 and 15 units on Site 2). Development proposals comprise the demolition of all existing garages and the construction of three terraced dwellings on Site 1 and four terraced dwellings on Site 2. Parking and private gardens are proposed for both areas.

Environmental Setting

The underlying superficial geology consists of Devensian Till which is classified as a Secondary (A) Aquifer; the bedrock geology consists of the Pennine Lower Coal Measures Formation which is also classified as a Secondary (A) Aquifer.

The nearest water feature is an unnamed watercourse, located c. 5 m east of the Site boundary.

The nearest sensitive land use is the Rochdale Canal SSSI & Special Area of Conservation located c. 95 m southwest of the Site.

Site History

According to historical land use mapping, the development plots were first developed in the c.1950s included several undefined buildings. Both plots was further developed in the 1970s and 1990s as private garages. Off-Site land uses include residential, commercial and undeveloped land, as well as allotment gardens directly adjacent to the Site.

Radon

The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m3).

Coal Mining

Although the Site lies within an area of historic coal mining, as the Site is not located within a Coal Authority Development High Risk Area there is no specific requirement to submit any coal mining information with a planning application and the Coal Authority will not be consulted by the local planning authority (LPA). The LPA are likely to include the Coal Authority Standing Advice as an informative note with the decision notice.

Minerals and Waste

Proposals for non-mineral development within the Mineral Safeguarding Areas that do not allow for the prior extraction of minerals will only be permitted where it can be clearly demonstrated that it is not environmentally acceptable or economically viable to extract the mineral prior to non-mineral development taking. Although the site lies within a Safeguarding Area for brick/clay, sand/gravel and coal, as the site is already developed and within a residential setting it would not be environmentally acceptable or economically viable to extract the mineral prior to redevelopment of the site.

Summary of Conceptual Site Model (CSM)

Source of Contamination

Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils.
Potential for volatile organic contaminants to be present within the subsurface soils.
Potential for asbestos containing materials within the subsurface soils.
Potential for dissolved phase contaminants to be present within shallow groundwater.

Receptors

Human Health, Controlled Water (groundwater within the underlying superficial and bedrock Secondary (A) Aquifers; and the nearest surface water feature (unnamed watercourse) 5 m east) and Sensitive Land Uses (Rochdale Canal (Site of Specific Scientific Interest & Special Area of Conservation) c. 95 m southwest).

Human Health (pathway)

Dermal contact, ingestion & inhalation of soils & soil dust. Consumption of home grown produce. Ingress into water supply pipework and subsequent water ingestion. Migration of vapours to surface; inhalation indoors. Liberation of sub surface ACMs and inhalation of asbestos fibres.

Controlled Waters (pathway)

Dissolution into pore water/shallow groundwater and subsequent migration. Dissolution into aqueous phase and preferential migration via drainage structures. Lateral and vertical groundwater movement via natural or artificial flow paths.

Preliminary Risk Assessment

Overall, the preliminary risk classification of the Site in relation to the proposed redevelopment is considered to be **Low/Moderate**.

Recommendations / Next Steps

Phase 2 intrusive investigation

Given the nature of the historical land use and therefore the potential for contamination to be locally present at the Site, it is recommended that a proportionate programme of site investigation works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks.

Coal Mining Risk

As the Site is not located within a Coal Authority Development High Risk Area there is no specific requirement to submit any coal mining information with a planning application and the Coal Authority will not be consulted by the local planning authority (LPA). The LPA are likely to include the Coal Authority Standing Advice as an informative note with the decision notice. Consideration should however be given to further investigation of the coal mining risk.

1. Introduction



1.1 Background

The study site (from herein known as 'the Site') is situated across two parcels of land situated adjacent to Rochdale Road (site 2) and Church Avenue (site 1) in Middleton. A location plan of the Site is shown in Section 1.5. A proposed development plan of the Site is shown in Section 1.6.

GeoSmart was commissioned by Robert Holmes Ltd in June 2024 to undertake a Phase 1 Land Quality Assessment for the Site. The report has been requested in order to support a proposed planning application for the Site.

The proposed development is for the demolition of all existing lock-up garages and the construction of three terraced dwellings on 'site 1' and four terraced dwellings on 'site 2'. Access, parking and private gardens are proposed for both development sites.

The EnviroSmart report has been undertaken by firstly compiling information concerning the Site and the surrounding area, including current and historical land uses, geological records and registered pollution incidents. The information which is gathered is then used to construct a 'conceptual site model', including an understanding of likely contaminant sources, pathways and receptors. Finally, a preliminary assessment of risks posed to identified receptors (i.e., people, buildings or the natural environment) from the anticipated land quality at the Site is performed. The risk assessment methodology is consistent with CIRIA C552 (2001); see Section 3.4 for details.

1.2 Purpose of this report

The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contamination hazards which may be present at the Site.

1.3 Report contents

This report is divided into two sections, as described below:

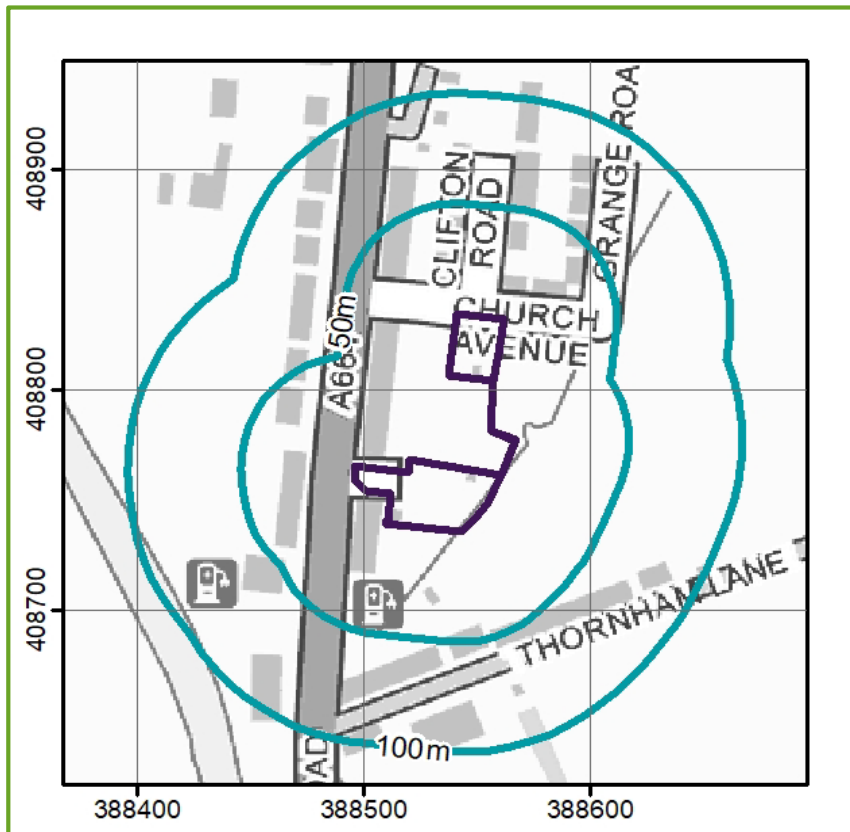
Section	Content	Purpose
Section 2: LAND QUALITY ASSESSMENT	A summary of the site history and environmental setting, the findings of the preliminary risk assessment and associated recommendations	To present a clear and concise overview of the land quality issues facing the Site, including recommendations of how to manage any land contamination which may be present
Section 3: SUPPORTING INFORMATION	A collection of site specific information on which the land quality assessment is based	To provide detailed information in support of the risk assessment; this section also represents a source of reference data for use in any subsequent site works/assessments

1.4 Report limitations

It is noted that the findings presented in this report are largely based on information supplied by third parties. Whilst we assume that all information is representative of past and present conditions we can offer no guarantee as to its validity.

This report excludes consideration of potential hazards arising from any activities at the Site other than normal use and occupancy for the intended land uses. Hazards associated with any other activities have not been assessed and must be subject to a specific risk assessment by the parties responsible for those activities.

1.5 Site location plan



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1.6 Proposed Site development plan



2. Land quality assessment



2.1 Site details

Site name:	Land adjacent to Rochdale Road and Church Avenue	Current land cover:	Mix of hardstanding/building cover (Site 1 - 80%, Site 2 - 30%) and softstanding (Site 1 - 20%, Site 2 - 70%)
Current use:	Private lock-up garages (partially disused)		
Proposed use:	Residential with garden	Site area:	0.19 ha

2.2 Conceptual understanding (potential sources of contamination)

 Site history <i>(historical land use taken within 250m radius of the Site boundary)</i>	Date	Description of land use		POTENTIAL SOURCES OF CONTAMINATION	Source description	LOW LIKELIHOOD	PROBABILITY OF CONTAMINATION
		On-Site	Off-Site				
	1848 - 51	The Site is undeveloped (fields).	The land in the locality of the Site is largely undeveloped (fields). A public highway passes directly to the west of Site 2. A stream runs directly to the east of Site 2. Hopwood Arms Inn (public house) is mapped c. 70 m southwest. A railway line and associated embankment is mapped c. 250 m west. Rochdale Canal is mapped c. 100 m west.				
	1893	No changes on-Site.	Undefined buildings are mapped from c. 20 m to the south. A pond is mapped c. 195 m south-west.				
	1894 - 95	No discernible changes.			(continued below.)		

2.2 Conceptual understanding (potential sources of contamination)

 Site history <i>(historical land use taken within 250m radius of the Site boundary)</i>	Date	Description of land use		POTENTIAL SOURCES OF CONTAMINATION	Source description	LOW LIKELIHOOD	PROBABILITY OF CONTAMINATION
		On-Site	Off-Site				
	1910	No changes on-Site.	Buildings (including a Liberal Club and terraced housing) are mapped directly north of Site 2. Additional housing is also evident directly south-west pf Site 2. St. John's Church and associated cemetery is mapped c. 150 m northeast. A tramway is mapped c. 15 m west of Site 2.				
	1929	No discernible changes.					
	1932	No discernible changes.					
	1938	No discernible changes.					
	1939	A plot is partially mapped within the north of Site 2. No buildings are however evident.	Land adjacent to the west of Site 1 and north of Site 2 has been subdivided into multiple plots (undeveloped). Allotment gardens are mapped c. 200 m south. Additional residential dwellings are mapped c. 75 m northwest. The tramway c. 15 m west of Site 2 is no longer mapped.				
1954	Eight rectangular structures are mapped on Site 1 (possible lock-up garages), One larger structure and two smaller buildings are present on Site 2.	Allotment gardens are mapped directly in-between Site 1 and Site 2 and c. 95 m southeast of Site 2. Additional residential dwellings are mapped c. 20 - 75 m north of Site 1. Hopwood Arms Farm is mapped c. 155 m southwest of Site 2.		Public house: - Miscellaneous small scale fuel or chemical spills associated with ad hoc commercial activities. - Potential for localised/historical deposition of domestic/commercial wastes. - Made Ground associated with former development/demolition activities. - Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings. Given the distance from the Site, this feature is considered unlikely to pose a significant contaminant hazard and has therefore not been considered within the risk assessment. Railway line / tram line: - Herbicide residues (possibly including atrazine and simazine from historical vegetation control) . - Fuel and engine oil spills / leakage from train / tram engines. Lubricant residues from associated rolling stock/carriages. - Made Ground/fill materials associated with the construction of the rail line. <i>(continued below.)</i>			

2.2 Conceptual understanding (potential sources of contamination)

 Site history <i>(historical land use taken within 250m radius of the Site boundary)</i>	Description of land use	
	Date	On-SiteOff-Site
	1955	No discernible changes.
	1956	No discernible changes.
	1965 - 68	No discernible changes.
	1977	No discernible changes.
	1978 (partial map)	Additional undefined buildings (likely garages) are mapped on Site 1 and also along the southern and northern boundaries of Site 2. An electricity substation is mapped c. 90 m southeast.
	1981 (partial map)	No discernible changes.
	1984	No discernible changes.
	1989 - 92 (partial map)	The Sites are not within the available mapping extent. No discernible changes off-Site.
1992	Additional garages are mapped on Site 1. The building footprints on Site 2 are slightly different, indicating some demolition and construction may have occurred. Hopwood Arms Farm c. 155 m southwest of Site 2 is no longer mapped.	
1999	No discernible changes.	

POTENTIAL SOURCES OF CONTAMINATION

Source description

Allotment gardens:

- Miscellaneous small scale waste deposition and chemical spills (i.e. bonfire residues, possible oils and paints, herbicides/pesticides, fertilisers, etc.).

Electricity substation:

- Potential for Polychlorinated Biphenyls (PCB) contamination to have occurred.

- As the electricity sub station was constructed before 1980, it is considered possible that PCBs would be present as the use of PCBs ceased in the late 1970s.

Given the distance from the Site, this feature is considered unlikely to pose a significant contaminant hazard and has therefore not been considered within the risk assessment.

Residential:

- Miscellaneous small scale fuel or chemical spills relating to domestic land-uses (i.e., fuels used for garden machinery, herbicides, paints/creosote, detergents, etc.).

- Potential for localised/historical deposition of residential waste materials (ash, litter, packaging, etc.).

- Made Ground/demolition waste materials associated with demolition of the residential buildings.

LOW LIKELIHOOD

PROBABILITY OF CONTAMINATION

Allotment gardens:

- Miscellaneous small scale waste deposition and chemical spills (i.e. bonfire residues, possible oils and paints, herbicides/pesticides, fertilisers, etc.).

Electricity substation:

- Potential for Polychlorinated Biphenyls (PCB) contamination to have occurred.

- As the electricity sub station was constructed before 1980, it is considered possible that PCBs would be present as the use of PCBs ceased in the late 1970s.

Given the distance from the Site, this feature is considered unlikely to pose a significant contaminant hazard and has therefore not been considered within the risk assessment.

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- Miscellaneous small scale fuel or chemical spills relating to domestic land-uses (i.e., fuels used for garden machinery, herbicides, paints/creosote, detergents, etc.).

- Potential for localised/historical deposition of residential waste materials (ash, litter, packaging, etc.).

- Made Ground/demolition waste materials associated with demolition of the residential buildings.

2.2 Conceptual understanding (potential sources of contamination)

 Site history <i>(historical land use taken within 250m radius of the Site boundary)</i>	Date	Description of land use		POTENTIAL SOURCES OF CONTAMINATION	Source description	LOW LIKELIHOOD	PROBABILITY OF CONTAMINATION
		On-Site	Off-Site				
	2000 (aerial image)	Aerial imagery corresponds to historical mapping. No discernible changes.					
	2003 - 23 (aerial image)	No discernible changes.					
	2024	No discernible changes.					

2.2 Conceptual understanding (potential sources of contamination)

 Current land use	Both of the development sites are currently used as private lock-up garages, with some potentially disused units. There are no known buried storage tanks at the Site. There is no known bulk fuel or chemical storage on Site. Additional information concerning the current Site condition is presented in Section 2.5 (site walkover information).			POTENTIAL SOURCES OF CONTAMINATION	Given the Site's current use, there is potential for localised contamination relating to the following: - Small quantities of fuels, oils and/or miscellaneous chemicals associated with the garage structures / long term vehicle storage. - Asbestos containing materials (ACM) associated with the existing garage structures.	LOW LIKELIHOOD																																																						
 Neighbouring industrial land uses (see environmental data report in Section 3.3 for full listing)	There are one or more potentially contaminative land uses are located within 250 m of the Site: <table><tr><th>Distance from Site</th><th>Number of active industrial land uses</th><th>Number of inactive industrial land uses</th></tr><tr><td>1 - 50 m</td><td>0</td><td>0</td></tr><tr><td>51 - 100m</td><td>0</td><td>2</td></tr><tr><td>101 - 250 m</td><td>1</td><td>1</td></tr></table> <table><tr><th>Nr</th><th>Nearest distance</th><th>Land use / permitted activity / authorisation</th></tr><tr><td>1</td><td>85m SW</td><td>Fuel station entries</td></tr><tr><td>0</td><td>NA</td><td>Gas pipelines</td></tr><tr><td>0</td><td>NA</td><td>Underground electrical cables</td></tr><tr><td>0</td><td>NA</td><td>Control of major accident hazards sites (COMAH)</td></tr><tr><td>0</td><td>NA</td><td>Notification of installations handling hazardous substances (NIHHS)</td></tr><tr><td>0</td><td>NA</td><td>Explosives sites</td></tr><tr><td>0</td><td>NA</td><td>Planning hazardous substance consents</td></tr><tr><td>0</td><td>NA</td><td>Planning hazardous substance enforcements</td></tr><tr><td>0</td><td>NA</td><td>Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990</td></tr><tr><td>0</td><td>NA</td><td>Records of Licensed Discharge Consents.</td></tr><tr><td>0</td><td>NA</td><td>Integrated pollution prevention and control sites</td></tr><tr><td>1</td><td>105m SW</td><td>Local Authority pollution prevention and control sites</td></tr><tr><td>0</td><td>NA</td><td>Local Authority pollution prevention and control enforcements</td></tr><tr><td>0</td><td>NA</td><td>Records of Category 3 or 4 Radioactive Substance Licences</td></tr></table>	Distance from Site	Number of active industrial land uses		Number of inactive industrial land uses	1 - 50 m	0	0	51 - 100m	0	2	101 - 250 m	1	1	Nr	Nearest distance	Land use / permitted activity / authorisation	1	85m SW	Fuel station entries	0	NA	Gas pipelines	0	NA	Underground electrical cables	0	NA	Control of major accident hazards sites (COMAH)	0	NA	Notification of installations handling hazardous substances (NIHHS)	0	NA	Explosives sites	0	NA	Planning hazardous substance consents	0	NA	Planning hazardous substance enforcements	0	NA	Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990	0	NA	Records of Licensed Discharge Consents.	0	NA	Integrated pollution prevention and control sites	1	105m SW	Local Authority pollution prevention and control sites	0	NA	Local Authority pollution prevention and control enforcements	0	NA	Records of Category 3 or 4 Radioactive Substance Licences	The potentially contaminative land uses/activities identified in close vicinity of the Site may pose a contamination hazard to the Site should relevant contaminant pathways exist. Contemporary trade directory entries include: <i>(The most relevant (<100 m) have been listed below.)</i> Harrison Electricals c. 55 m northwest. Status: inactive. Penny Petroleum c. 90 m northwest. Status: inactive. BP service station c. 105 m southeast. Status: active. Fuel station entries include: Hopwood Self Service Station c. 85 m southwest. Status: open. Local Authority pollution prevention and control sites include: Hopwood Service Station c. 105 m southwest. Status: authorised.
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2.2 Conceptual understanding (potential sources of contamination)

 EA recorded pollution incidents (see environmental data report in Section 3.3 for full listing)	No Environment Agency pollution incidents have been recorded within 250 m of the Site.		No potential for gross contamination has been identified in relation to any pollution incidents occurring near to the Site.	NEGLIGIBLE	
 Landfills / waste sites (taken within 500m radius of the Site boundary, see environmental data report in Section 3.3 for full listing)	There are no BGS recorded landfills located within 500 m of the Site. There are one or more Environment Agency listed historical landfills located within 500 m of the Site. These include: Land at Manchester Golf Club landfill (operated by W Maher and Sons Limited) is located c. 340 m southwest of the Site; the landfill received inert waste in 1992. Land at Newhey Farm landfill (operated by Drake Brothers) is located c. 420 m northeast of the Site; the landfill received inert waste between 1984 and 1985. There are one or more registered landfills located within 500 m of the Site. These include: Manchester Golf Club landfill (operated by W Maher and Sons Limited) is located c. 430 m southwest of the Site. Status: lapsed/cancelled. Authorised wastes included: 'uncontam. Rubble, Hardcore, Stone, Uncontam. Soil, Clay, Sand'. Newhey Farm landfill (operated by Drake Brothers) is located c. 450 m northeast of the Site. Status: lapsed/cancelled. Authorised wastes included: 'Ceramic Waste, Constr'N/Demol. Inert/Non-Haz/Non-Tox, Glass/Cullet, Inert Waste, Metal Scrap, Plastic/Polythene (Including Sacks), Soil, Clay, Sand, Stone, Brick, Concrete, Slate, Wood Waste/Timber, Carcasses And Flesh'. There are no Local Authority listed historical landfills located within 500 m of the Site. The following other waste sites are registered within 500 m of the Site: 0 Records of registered waste transfer sites. 0 Records of registered waste treatment or disposal sites. 0 Records of licenced waste management facilities.	POTENTIAL SOURCES OF CONTAMINATION	The identified landfills are not thought to represent a significant source of contamination which may impact on the Site given the reasonable distance to the Site (>250m), the largely inert nature of the deposited wastes, and the time that has elapsed since the cessation of landfilling (>30 years). Given the absence of any waste treatment, transfer or disposal sites within close proximity of the Site no associated contamination hazards have been identified.	UNLIKELY	PROBABILITY OF CONTAMINATION

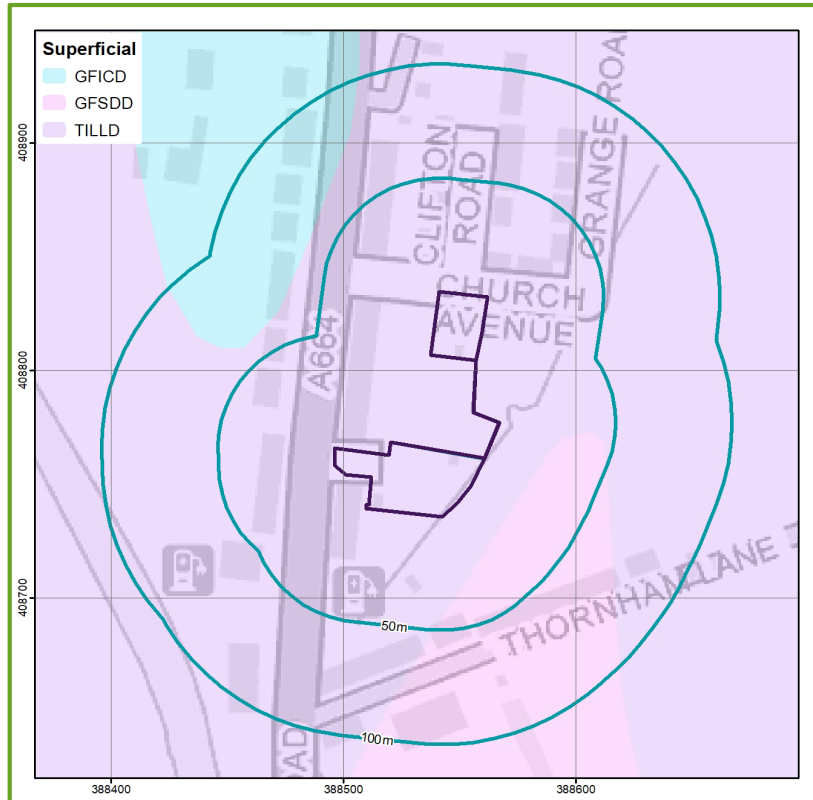
2.2 Conceptual understanding (potential sources of contamination)

Rn Radon (see environmental data report in Section 3.3 for full listing)	According to current UK radon mapping the Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m3).	POTENTIAL SOURCES OF CONTAMINATION	<1% of homes are at or above the UK radon action level (200 Bq/m3).	UNLIKELY	PROBABILITY OF CONTAMINATION
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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

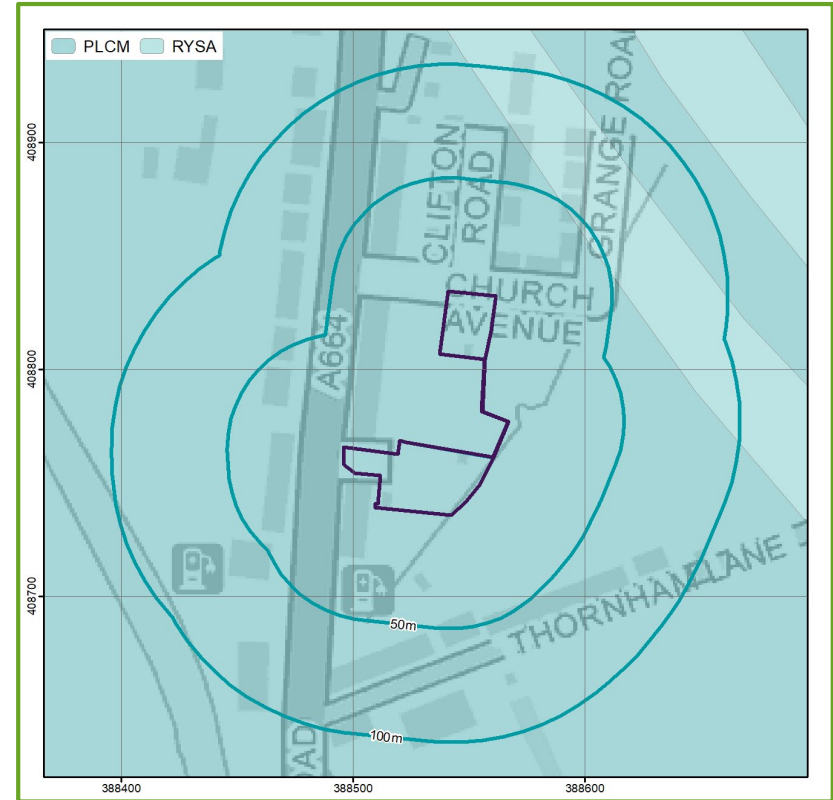
 Geology and Groundwater <i>(see the environmental data report in Section 3.3 for full details)</i>	British Geological Survey mapping indicates that the underlying superficial geology consists of Devensian Till (TILLD) which comprises of diamicton and is classified as a Secondary (A) Aquifer. British Geological Survey mapping indicates that the bedrock geology consists of the Pennine Lower Coal Measures Formation (PLCM) which comprises of mudstone, siltstone and sandstone and is classified as a Secondary (A) Aquifer. According to the GeoSmart Groundwater Flood Risk (GW5) Map (GeoSmart, 2024). The risk of groundwater flooding at the Site is 'negligible'. The Site does not lie within a groundwater Source Protection Zone (SPZ). There are no groundwater abstraction licences within 1 km of the Site.	POTENTIAL RECEPTORS	A Secondary (A) Aquifer comprises permeable layers capable of supporting water supply at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. Based on the susceptibility of the Site to groundwater flooding, a groundwater flood risk assessment is not considered necessary for the Site. The depth to groundwater beneath the Site is unknown. The absence of any groundwater abstractions does not necessarily indicate a low resource potential. Small scale abstractions, such as for private water supplies, may not be listed.	MEDIUM	POTENTIAL SEVERITY OF IMPACT
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Superficial Geology (BGS, 2024)



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Bedrock Geology (BGS, 2024)



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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 Geohazards <i>(see the environmental data report in Section 3.3 for full details)</i>	The Site lies within an area of historical coal mining activity. There are no brine affected areas within 75 m of the Site. The following mining instabilities are located within 500 m of the Site: No or limited artificial ground / Made Ground is anticipated on Site. There are no natural hazards (with a hazard rating of moderate or above) at or within 50 m of the Site.	POTENTIAL RECEPTORS	Although the Site lies within an area of historic coal mining, as the Site is not located within a Coal Authority Development High Risk Area there is no specific requirement to submit any coal mining information with a planning application and the Coal Authority will not be consulted by the local planning authority (LPA). The LPA are likely to include the Coal Authority Standing Advice as an informative note with the decision notice. The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues. Inconclusive coal mining in Site 1 (north). BGS GeoIndex Onshore mapping does not have any artificial deposits recorded at the Site. However, it is noted that the findings of a walkover conducted at the Site and also based on historical mapping it appears that demolition has previously occurred on Site which may have given rise to the presence of some Made Ground.	MILD	POTENTIAL SEVERITY OF IMPACT
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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 Surface water <i>(see the environmental data report in Section 3.3 for full details)</i>	The nearest water feature is an unnamed watercourse, located c. 5 m east of the Site 2 boundary. The Site lies within a Flood Zone 1 (low probability). The following surface water abstraction licences are held within 1 km of the Site: The Manchester Golf Club Ltd surface water abstraction (spray irrigation) from single points located c. 905 - 955 m west of the Site. Two (2) entries). The Manchester Golf Club Ltd surface water abstraction (spray irrigation) from a single point located c. 995 m northwest of the Site.	POTENTIAL RECEPTORS	The relatively close proximity of the identified surface water feature(s) suggests that a potential linkage could occur if any contamination were present on Site. Mobile contamination may potentially enter nearby water features via any shallow groundwater or possibly via preferential flow pathways such as buried services.	MEDIUM	POTENTIAL SEVERITY OF IMPACT
 Environmental designations <i>(see the environmental data report in Section 3.3 for full details)</i>	The following environmentally sensitive land uses are present within 500 m of the Site: Hopwood Woodlands (Local Nature Reserve) is located c. 425 m southwest of the Site. Rochdale Canal (Site of Specific Scientific Interest & Special Area of Conservation) is located c. 95 m southwest of the Site.		Given the distance from the Site and the nature of the local geology, the sensitivity of local environmental designations is judged to be low.	MILD	
 Human receptors	Proposed residents/users of the Site.		Human receptors are proposed to be present on Site.	SEVERE	

2.4 Regulator perspective

Consultation date	29th July 2024	Rochdale Metropolitan Borough Council
GeoSmart consultant	Emilia Dončić	Michael Moore P
Consultation outcome	The local authority replied to a consultation request by GeoSmart with the following information: <i>"The site is not determined as contaminated land in accordance with Part 2a 1990 EPA, there is some potentially contaminated industries within the vicinity.</i> <i>If the site was to be redeveloped it would be conditioned for an investigation."</i>	

2.5 Site inspection (see photographs in section 3.2)

Inspection date	17th July 2024	General site description	Private garages in varying stages of use / disuse.
GeoSmart consultant	Martin Lucass	Site contact (position)	N/A
Topography	Both site areas are flat and level. To the east of Site 2 there is a ditch and land slopes down immediately adjacent to it.	Ground cover	Both development sites are largely covered by compacted gravel. Across part of Site 2 there is an old concrete base for a presumably now demolished garage. At Site 2 there is some tarmac surfacing across the Site entrance area and also on the northern boundary. All surface materials are in poor condition. Some overgrown low level vegetation and grasses are present at both sites. At Site 2 there is mature vegetation at the eastern border near the adjacent ditch / drain. A tree is present in the southwestern part of Site 1.
Current site land use	Private lock-up garages. The style of the garages indicates that they are old structures and not all were constructed at the same time. Some of the garage units appear to be derelict / unused.	On-Site structures	All garages look to be aged / somewhat dilapidated and in some cases beginning to collapse. None of the garages were entered but one structure on Site 2 could be seen to be full of items / general storage. Given the age of the structures, asbestos containing materials may be present within the building fabric.
Visual / olfactory evidence of contamination	No obvious significant contamination was observed. A large amount of tile and concrete was present at Site 2 in the southern area next to a large tree root. This could possibly relate to a demolished structure. There is also a small amount of rubbish and general waste present at Site 2.	On-Site drainage	A drain cover was noted on Site 2. No other drainage features were present on either of the development areas.
Bulk storage tanks (fuel and chemical storage)	No direct evidence of any bulk fuel or chemical storage was observed during the Site walkover.	Invasive species	No direct evidence of any invasive species was observed during the Site walkover.

2.5 Site inspection (see photographs in section 3.2)

Neighbouring land uses	North	Site 1 - the main road. Site 2 - housing and allotment gardens.	Off-Site contaminant sources	No visual or olfactory evidence of any off-Site contamination was observed during the Site walkover.
	South	Site 1 - allotment gardens. Site 2 - residential housing and gardens.		
	East	Site 1 - agricultural fields. Site 2 - a ditch and agricultural land.		
	West	Site 1 - allotment gardens. Site 2 - the main road.		
Local water features	The ditch to the east of Site 2 couldn't be accessed but the ground could be seen to drop at the Site boundary.		Distance to nearest residential property	<i>Not noted within Site walkover notes.</i>
Mineral Extraction & Accessibility	The site is set in a residential area with buildings or Made Ground occupying a significant portion of the site. Access for mineral extraction or deep coal extraction would be extremely challenging given the context of the immediate area and limited size of the site.			
Comments	No notable concerns of contamination. Buildings should be checked for asbestos by a qualified contractor and any ACMs cleared by a licensed operator prior to redevelopment, if required.			

2.6 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources: - Private garages (dating from the c. 1950s)								
1	Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the known history of the Site as long standing private garages, plus the possible presence of Made Ground, some sources of inorganic and low volatility organic contaminants may be locally present in the sub surface, which could impact future Site users, particularly within proposed garden areas.
2		Consumption of home grown produce	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
3		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
4		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	MEDIUM	UNLIKELY	LOW RISK	Aggressive ground conditions are not anticipated to be present. Although ground investigation would be required to fully demonstrate this.
5		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Devensian Till (a Secondary (A) Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants within the sub surface could impact groundwater quality within the superficial and bedrock deposits. The risks are however constrained by the assumed modest resource potential of the Till and Coal Measures; this may be reflected by the absence of any local water abstractions or SPZs.
6		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Pennine Lower Coal Measures Formation (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
7	Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils	Dissolution into pore water/shallow groundwater and subsequent lateral migration	CW	unnamed watercourse (c. 5 m east)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	As the watercourse is located directly adjacent to Site 2, there is potential that any contaminants present on Site could impact the watercourse, due to preferential migration or direct surface runoff.
8		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
9		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	Rochdale Canal SSSI & Special Area of Conservation (c. 95 m southwest)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest sensitive land use.

2.6 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
10	Potential for volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the known history of the Sites as long standing private garages, it is possible that sources of inorganic and low volatility organic contaminants may be present in the sub surface, which could impact future Site users, particularly within proposed garden areas.
11		Consumption of home grown produce	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
12		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
13		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	UNLIKELY	LOW RISK	
14		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
15		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	MEDIUM	UNLIKELY	LOW RISK	Aggressive ground conditions are not anticipated to be present. Although ground investigation would be required to fully demonstrate this.
16		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Devensian Till (a Secondary (A) Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants within the sub surface could impact groundwater quality within the superficial and bedrock deposits. The risks are however constrained by the assumed modest resource potential of the Till and Coal Measures; this may be reflected by the absence of any local water abstractions or SPZs.
17		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Pennine Lower Coal Measures Formation (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
18	Potential for volatile organic contaminants to be present within the subsurface soils	Dissolution into pore water/shallow groundwater and subsequent migration	CW	unnamed watercourse (c. 5 m east)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	As the watercourse is located directly adjacent to Site 2, there is potential that any organic contaminants present on Site could impact the watercourse, due to preferential migration or direct surface runoff.
19		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
20		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	Rochdale Canal SSSI & Special Area of Conservation (c. 95 m southwest)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest sensitive land use.

2.6 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
21	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the nature and age of the existing building structures asbestos-containing material may be present within the building fabric and therefore potentially within the surrounding subsoils.
22	Potential for dissolved phase contaminants to be present within shallow groundwater	Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Devensian Till (a Secondary (A) Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants within the sub surface could impact groundwater quality within the superficial and bedrock deposits.
23		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Pennine Lower Coal Measures Formation (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	
24		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	unnamed watercourse (c. 5 m east)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	As the watercourse is located directly adjacent to Site 2, there is potential that any organic contaminants present on Site could impact the watercourse, due to preferential migration or direct surface runoff.
25		Lateral and vertical groundwater movement via natural or artificial flow paths	ECO	Rochdale Canal SSSI & Special Area of Conservation (c. 95 m southwest)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest sensitive land use.
26	Potential for elevated methane to be present within the sub-surface soils	Lateral and vertical migration into on-Site buildings; potential to cause an explosion	HH	On-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	Based on the prevailing conceptual understanding an appreciable gas source is considered unlikely. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
27		Lateral migration towards off-Site buildings; potential to cause an explosion	HH	Off-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	
28	Potential for elevated carbon dioxide to be present within the subsurface soils	Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation	HH	Occupants of on-Site buildings	SEVERE	UNLIKELY	MODERATE/LOW RISK	
29		Lateral migration towards off-Site buildings; potential to cause asphyxiation	HH	Occupants of off-Site buildings	SEVERE	UNLIKELY	MODERATE/LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
30	Potential for radon within the subsurface	Lateral migration towards on-Site buildings; potential to cause long term health effects	HH	Occupants of on-Site buildings	MEDIUM	UNLIKELY	LOW RISK	The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m ³).
	OVERALL RISK RATING (on-Site)						MODERATE/LOW RISK	

2.6 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources: - Hopwood Self Service Station c. 85 m southwest. Status: open. - Contemporary trade directories (electricals and petroleum - inactive) c. 50 - 90 m northwest. - Allotment gardens adjacent to the Site.								
31	Potential for both inorganic and volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	The presence of various commercial activities in the vicinity of the Site could have given rise to sources of contamination within the sub soils. However, given the reasonable distance (>50 m) to the identified off-Site sources it is considered unlikely that these sources present a significant risk of contamination to future Site users. Allotment gardens have been identified adjacent to the Site, although no significant contamination sources are attributed to this land use.
32		Consumption of home grown produce	HH		MEDIUM	UNLIKELY	LOW RISK	
33		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	UNLIKELY	LOW RISK	
34		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	UNLIKELY	LOW RISK	
35		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	

2.6 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources: - W Maher and Sons Limited Landfill c. 340 m southwest; the landfill received inert waste in 1992. - Drake Brothers Landfill c. 420 m northeast; the landfill received inert waste between 1984 and 1985.								
34	Potential for elevated methane to be present within the sub-surface soils	Lateral and vertical migration into on-Site buildings; potential to cause an explosion	HH	On-Site properties and their occupants	MEDIUM	UNLIKELY	LOW RISK	The presence of local landfill sites offers the potential for landfill gas generation which could potentially impact the Site. However, there are a number of factors which significantly reduce the likelihood of landfill gas affecting the proposed development, including: - The age of the waste. Infilling ceased in ~ 1992 or before; as such, the deposited wastes have been in-situ for over 30 years. Typically a landfill will achieve its peak gas generation potential within around 30 years following deposition, as such even if large quantities of putrescible material had been deposited the rate of gas generation will now be in decline. - The nature of the waste materials. The landfills were authorised to receive inert waste streams which will limit the potential for any substantial gas generation. - The distance to the landfills. The landfills are located more than 300 m from the Site, reducing the likelihood for lateral gas migration.
35	Potential for elevated carbon dioxide to be present within the subsurface soils	Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation	HH	Occupants of on-Site buildings	MEDIUM	UNLIKELY	LOW RISK	
OVERALL RISK RATING (off-Site)							LOW RISK	

2.7 Next Steps

✓	Phase 2 intrusive investigation	 	Given the nature of the historical land use and therefore the potential for some localised contamination to be present at the Site, it is recommended that a proportionate programme of site investigation works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks. Further advice: Please contact info@geosmartinfo.co.uk for further information regarding the need for a Phase 2 investigation. For information on reputable site investigation companies, enquiries can be made directly to your local authority or via www.endsdirectory.com
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2.8 Other recommendations

	Consider Coal Mining Risk		As the Site is not located within a Coal Authority Development High Risk Area there is no specific requirement to submit any coal mining information with a planning application and the Coal Authority will not be consulted by the local planning authority (LPA). The LPA are likely to include the Coal Authority Standing Advice as an informative note with the decision notice. Consideration should however be given to further investigation of the coal mining risk.
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3. Supporting Information



The following supporting information is contained in this section:

Section	Content
3.1	Referenced materials used in the EnviroSmart reporting
3.2	Site photographs
3.3	Published environmental data records (Landmark Envirocheck report Land adjacent to Rochdale Road at Hillbank Street and Church Avenue, Middleton, Manchester, M24 2RB. REF: 354163179_1_1) including: • Aerial photographs and site map • Environmental permits, incidents and registers • Landfill and other waste sites • Current land use information • Geology • Hydrogeology and hydrology • Flooding • Designated environmentally sensitive sites • Other environmental factors
3.4	Risk assessment methodology
3.5	Historical land use maps

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Tel: 01743 298100

Email: info@geosmartinfo.co.uk

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TPOs contact details:

The Property Ombudsman scheme

Milford House

43-55 Milford Street

Salisbury

Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Email: admin@tpos.co.uk

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- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
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- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

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Martin Lucass
Commercial Director
GeoSmart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings, Bellstone
Shrewsbury
SY1 1HU

Tel: 01743 298100
martinlucass@geosmartinfo.co.uk

3.1 References

The following references were used to inform the conceptual site model and preliminary risk assessment:

British Geological Survey, 2024. GeolIndex Onshore (<http://mapapps2.bgs.ac.uk/geoindex/home.html>)

British Standards Institute, 2017. Investigation of potentially contaminated sites – code of practice. BS10175:2011+A2:2017.

CIRIA, 2001. Contaminated land risk assessment. A guide to good practice. Publication C552. CIRIA London. ISBN 0-86017-552 9

Environment Agency, 2023. Land Contamination Risk Management (LCRM)

GeoSmart Information Limited, 2024. National Groundwater Flood Risk Map (GW5)

Health Protection Agency, 2000. Spring 2000 Newsletter featuring; Radon: Guidance on Protective Measures for New Dwellings (BR 211).

Landmark, 2024. Landmark Envirocheck report Land adjacent to Rochdale Road at Hillbank Street and Church Avenue, Middleton, Manchester, M24 2RB. REF: 354163179_1_1

3.2 Site photographs

Site 1 (northern plot)

Photograph 1: Several garages in various stages of disuse on Site 1, facing south.



Photograph 2: Overgrown area in the southeast of the Site, facing south.



Photograph 3: Garages in the west of the Site (in relatively poor condition), facing northwest.



Photograph 4: Garages in the east of the Site (in relatively good condition), facing northeast.



Photograph 5: Existing garages on Site and adjacent residential land use, facing north.



Site 2 (southern plot)

Photograph 6: Western-central area of the Site - several of the existing garages can be observed surrounded by overgrown vegetation.



Photograph 7: Access road the northwest of the Site which connects to Church Avenue and Site 1.



Photograph 8: Rubble likely left over from a previously demolished garage.



Photograph 9: Overgrown foliage in the northeast of the Site.



Photograph 10: A garage in relatively good condition and soft standing along the southern boundary of the Site, looking east.



Photograph 11: The access track leading to an area off-Site, looking north.



Photograph 12: Overgrown vegetation and garage in relatively poor condition in the north of the Site, looking north.



Photograph 13: Garages in relatively good condition in the northeast of the Site, looking northeast.



Photograph 13: Building waste, likely from a demolished garage, in the southern part of the Site.



3.3 Environmental data report

Readily available environmental information relating to the Site and its surrounding area has been provided by Landmark.

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

354163179_1_1

Customer Reference:

81844

National Grid Reference:

388540, 408780

Slice:

A

Site Area (Ha):

0.19

Search Buffer (m):

1000

Site Details:

Land adjacent to Rochdale Road at Hillbank
Street
Middleton
MANCHESTER
M24 2RB

Client Details:

Ms J Bayliff
Geo Smart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings
Bellstone
Shrewsbury
Shropshire
SY1 1HU

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Industrial Land Use	32
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			2	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 6				5
Integrated Pollution Prevention And Control	pg 7				1
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7		1		4
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 8				5
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 8		1		1
River Quality Biology Sampling Points	pg 9				1
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9				1
Water Abstractions	pg 9				3 (*11)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 13	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 13		13	27	72

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 26			2	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 26	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 26			2	
Registered Waste Transfer Sites	pg 27				1
Registered Waste Treatment or Disposal Sites	pg 28				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 29				4
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 29				1
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 30	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 30				4
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 30	Yes	n/a	n/a	n/a
Mining Instability	pg 30	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 30	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 31	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 31	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 31	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 32		4	12	51
Fuel Station Entries	pg 38		1		
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 39			1	3
Areas of Adopted Green Belt	pg 39	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 39			1	
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 39	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 39		1		
Special Areas of Conservation	pg 39		1		
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (N)	0	1	388536 408784
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	41	1	388500 408700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	65	1	388650 408800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	108	1	388450 408650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	149	1	388350 408800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	177	1	388400 408600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	190	1	388500 408550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	238	1	388300 408900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	244	1	388800 408700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	245	1	388250 408784
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	245	1	388250 408750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	246	1	388700 408550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	248	1	388750 408600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	280	1	388750 408550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	283	1	388850 408750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	307	1	388200 408850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	342	1	388600 408400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	349	1	388200 408950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	350	1	388800 408500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	354	1	388900 408650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	357	1	388400 408400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	381	1	388150 408600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	392	1	388150 408950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	392	1	388400 409200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	438	1	388300 409200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	444	1	388450 408300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	453	1	388400 408300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	460	1	388100 409000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	465	1	388700 408300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	468	1	388350 408300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	487	1	388300 408300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	499	1	388000 408700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	500	1	388200 409200
1	Discharge Consents Operator: Rochdale Canal Co Property Type: Not Given Location: Canal Lockhouse Slattocks , 75 Dalest , MANCHESTER , M1 2HG Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993265-01 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Tank and filter Discharge Environment: Canal Receiving Water: Spetic Tank/Filter; Outlet To Watercourse; Rochdale Canal Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	263	2	388400 408500
1	Discharge Consents Operator: Rochdale Canal Co Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Canal Lockhouse Stp Slattocks Slattocks, Middleton, Manchester, Greater Manchester, M24 Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993265 Permit Version: 1 Effective Date: 8th July 1998 Issued Date: 8th July 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Canal Receiving Water: Rochdale Canal Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	268	2	388400 408495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950034 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: 31st January 1985 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	897	2	388035 409575
2	Discharge Consents Operator: Volkerstevin Infrastructure Limited Property Type: GROUNDWATER REMEDIATION SITES/CIVIL ENGINEERING Location: Construction Site At Castleton Wwtw, Rochdale Road, Middleton, Greater Manchester, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprub3192ev Permit Version: 1 Effective Date: 5th May 2021 Issued Date: 5th May 2021 Revocation Date: 10th October 2023 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips) Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	902	2	388040 409585
2	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 6 Effective Date: 1st January 2022 Issued Date: 17th November 2021 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Trib River Inwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	904	2	388030 409580
2	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 5 Effective Date: 17th September 2018 Issued Date: 17th September 2018 Revocation Date: 31st December 2021 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Trib River Inwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	904	2	388030 409580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 4 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 16th September 2018 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	904	2	388030 409580
2	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 3 Effective Date: 31st December 2005 Issued Date: 21st December 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	904	2	388030 409580
2	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016950034 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	904	2	388030 409580
3	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 6 Effective Date: 1st January 2022 Issued Date: 17th November 2021 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Trib River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	966	2	387860 409520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 5 Effective Date: 17th September 2018 Issued Date: 17th September 2018 Revocation Date: 31st December 2021 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Trib River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	966	2	387860 409520
3	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 4 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 16th September 2018 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	966	2	387860 409520
3	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 3 Effective Date: 31st December 2005 Issued Date: 21st December 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	966	2	387860 409520
3	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016950034 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: 31st January 1985 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	966	2	387860 409520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950034 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	966	2	387860 409520
4	Integrated Pollution Controls Name: Woodbridge Foam (UK) Ltd Location: Unit 65 Finlan Road, Stakehill Industrial Estate, Middleton, MANCHESTER, M24 2FL Authority: Environment Agency, North West Region Permit Reference: Bx0601 Dated: 12th January 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.2 A (B) Di-isocyanate processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	925	2	389100 408000
5	Integrated Pollution Controls Name: Woodbridge Foam (UK) Ltd Location: Unit 65, Finlan Road, Stakehill Industrial Estate, Middleton, MANCHESTER, M24 2FL Authority: Environment Agency, North West Region Permit Reference: CA3106 Dated: 11th April 2006 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.2 A (B) Di-isocyanate processes within Miscellaneous Industries Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	979	2	389115 407944
5	Integrated Pollution Controls Name: Woodbridge Foam (uk) Ltd Location: Unit 65; Finlan Road, Stakehill Industrial Estate, Middleton, MANCHESTER, M24 2FL Authority: Environment Agency, North West Region Permit Reference: BA7026 Dated: 11th May 1998 Process Type: IPC new application Description: 6.2 A (B) Di-isocyanate processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A9SW (SE)	980	2	389116 407944
5	Integrated Pollution Controls Name: Woodbridge Foam (uk) Ltd Location: Unit 65; Finlan Road, Stakehill Industrial Estate, Middleton, MANCHESTER, M24 2FL Authority: Environment Agency, North West Region Permit Reference: BE3324 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.2 A (B) Di-isocyanate processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A9SW (SE)	984	2	389116 407939
5	Integrated Pollution Controls Name: Woodbridge Foam (UK) Ltd Location: Unit 65, Finlan Road, Stakehill Industrial Estate, MIDDLETON, Manchester, M24 2FL Authority: Environment Agency, North West Region Permit Reference: Bm5194 Dated: 7th March 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.2 A (B) Di-isocyanate processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	996	2	389163 407959

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Integrated Pollution Prevention And Control Name: Proseat Limited Liability Partnership Location: Stakehill Moulded Foam Plant, Unit A, Unit A, Stakehill Moulded Foam Plant, Finlan Road, Stakehill Industrial Estate, Middleton, M24 2SJ Authority: Environment Agency, North West Region Permit Reference: HP3635UT Original Permit Ref: Hp3635ut Effective Date: 27th January 2011 Status: Regulatory change Application Type: Variation (Normal) App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the address or location Activity Code: 4.1 A(1) (D) Activity Description: Organic Chemicals; Toluene Di-Isocyanate Etc Use >1 T/12 Months If Release To Air Primary Activity: Y Activity Code: 4.1 B a) (ii) Activity Description: Use of >5 tonnes of di-isocyanate Primary Activity: N	A8NE (SE)	594	2	388854 408233
7	Local Authority Pollution Prevention and Controls Name: Hopwood Service Station Location: Rochdale Road, Hopwood, MIDDLETON, Lancashire, M24 2RA Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 96/09 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A13SW (SW)	105	3	388452 408652
8	Local Authority Pollution Prevention and Controls Name: Proseat Llp Location: Site A, Finlan Road, Stakehill Industrial Estate, Middleton, Manchester, M24 2SJ Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 89/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	714	3	388809 408075
9	Local Authority Pollution Prevention and Controls Name: Woodbirdge Foam Ltd Location: Stakehill Industrial Estate, Slattocks, Middleton, MANCHESTER, Lancashire, M24 Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: P55/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Authorised Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	767	3	389119 408231
10	Local Authority Pollution Prevention and Controls Name: Thomas Glover & Co Location: Unit 70 Whitbrook Way, Stakehill Industrial Estate, Middleton, MANCHESTER, Lancashire, M24 2RW Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: P27/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8SW (S)	793	3	388504 407944
11	Local Authority Pollution Prevention and Controls Name: Vitamol Location: Units 64-65, Stakehill Industrial Estate, Middleton, MANCHESTER, Lancashire, M24 2FL Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	980	3	389115 407943
	Nearest Surface Water Feature	A13SE (E)	3	-	388571 408783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Whit Brook; None Pollution Found Incident Date: 26th June 1995 Incident Reference: 95611536 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	568	2	389000 408400
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Whit Brook Incident Date: 8th May 1992 Incident Reference: 92611251 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	738	2	388500 408000
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Trub Bk; Rising Sludge Incident Date: 2nd August 1995 Incident Reference: 95611968 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: High Temperature Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	788	2	389200 408300
15	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Trub Brook Incident Date: 29th January 1992 Incident Reference: 92610159 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	937	2	388000 409600
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Slattock Stream Incident Date: 1st February 1993 Incident Reference: 93610138 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	963	2	388300 407800
	River Quality Name: Rochdale Canal GQA Grade: River Quality B Reach: Qsl At Summit To Empress Processing Estimated Distance (km): 27.6 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A13SW (W)	110	2	388389 408731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Whit (Trub) Bk GQA Grade: River Quality D Reach: Qsl At Castleton Stw To Irk Estimated Distance (km): 4.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A12NW (NW)	756	2	387814 409092
17	River Quality Biology Sampling Points Name: Wince Beck Reach: Qsl At Castleton Sewage Treatment Works To Irk Estimated Distance: 4.50 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 1995 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2000 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2002 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2003 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2004 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2005 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2006 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2007 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2008 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2009 GQA Grade: River Quality Biology GQA Grade E - Poor	A17NE (NW)	937	2	388000 409600
18	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 1st May 2011 Incident Reference: 881040 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A8SW (S)	707	2	388465 408033
19	Water Abstractions Operator: The Manchester Golf Club Ltd Licence Number: 2569005053 Permit Version: 100 Location: Trub Brk At Rochdale Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Manchester Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	905	2	387600 408900
20	Water Abstractions Operator: The Manchester Golf Club Ltd Licence Number: 2569005053 Permit Version: 100 Location: Trub Brk At Rochdale Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Manchester Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	956	2	387600 409100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Water Abstractions Operator: The Manchester Golf Club Ltd Licence Number: 2569005053 Permit Version: 100 Location: Trub Brk At Rochdale Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 26 Yearly Rate (m3): 1473 Details: Manchester Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	996	2	387800 409500
	Water Abstractions Operator: W Greenwood Licence Number: 2569005017 Permit Version: 100 Location: Spring Fed Well At Thornham Fold Farm, Slattocks, Middleton Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 7 Yearly Rate (m3): 2655 Details: Thornham Fold Farm, Slattocks Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NW (E)	1170	2	389700 409100
	Water Abstractions Operator: J W Lees & Co (Brewers) Ltd Licence Number: 2569005021 Permit Version: Not Supplied Location: Tandle Hill Tavern, Thornham Fold, MIDDLETON Authority: Environment Agency, North West Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 5 Yearly Rate (m3): 1659 Details: Spring Fed Well Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NW (E)	1266	2	389800 409095
	Water Abstractions Operator: J W Lees & Co Brewers Ltd Licence Number: 2569005021 Permit Version: 100 Location: Spring Fed Well At Tandle Hill Tavern, Thornham Fold, N Authority: Environment Agency, North West Region Abstraction: Hotels; Public Houses And Conference Centres: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2 Yearly Rate (m3): 591 Details: The Tandle Hill Tavern, Middleton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NW (E)	1267	2	389800 409100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: H Dh Md And Mw Tetlow Licence Number: 2569005028 Permit Version: 100 Location: Spring Fed Well At Cinder Hill Farm, Slattocks, Middleton, M Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 1659 Details: Cinder Hill Farm, Slattocks Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NW (E)	1271	2	389805 409095
	Water Abstractions Operator: Natalie Beswick Licence Number: 2569005029 Permit Version: 100 Location: Well At Newmarket Farm, Chadderton, Nr Oldham Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1 Yearly Rate (m3): 332 Details: Well At Newmarket Farm, Chadderton, Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NW (SE)	1630	2	389800 407700
	Water Abstractions Operator: Sonoco Industrial Packaging Licence Number: 2569002024 Permit Version: Not Supplied Location: Rochdale Canal, Castleton, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 123 Yearly Rate (m3): 30458 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1671	2	388400 410500
	Water Abstractions Operator: Nellie Barrot Licence Number: 2569005026 Permit Version: 100 Location: Wells (2) At Chadderton, Nr Oldham Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1 Yearly Rate (m3): 498 Details: Premises At 27 Chadderton Heights Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NW (SE)	1765	2	389800 407500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Lydia Wilson Licence Number: 2569005032 Permit Version: 100 Location: Wells (2) At Cinder Hall Farm, Chadderton, Lancashire Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 1659 Details: Cinder Hall Farm, Chadderton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SE (SE)	1815	2	390100 407800
	Water Abstractions Operator: Nellie Barrot Licence Number: 2569005026 Permit Version: 100 Location: Wells (2) At Chadderton, Nr Oldham Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Premises At 27 Chadderton Heights Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1836	2	389800 407400
	Water Abstractions Operator: Mr E Jinks Licence Number: 2569005030 Permit Version: 100 Location: Well At Head O'Th'Heys Farm, Chadderton, Oldham Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 166 Details: Head O'Th'Heys Farm, Chadderton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SE (SE)	1900	2	390200 407800
	Water Abstractions Operator: Lydia Wilson Licence Number: 2569005032 Permit Version: 100 Location: Wells (2) At Cinder Hall Farm, Chadderton, Lancash Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Cinder Hall Farm, Chadderton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SE)	1928	2	390100 407600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13SE (N)	0	4	388536 408784
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (N)	0	4	388536 408784
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (N)	0	4	388536 408784
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (E)	3	5	388571 408783
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	51	5	388505 408689
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	96	5	388637 408891
25	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1216.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13SW (SW)	105	5	388402 408713

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	118	5	388489 408623
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	133	5	388498 408607
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	146	5	388501 408594
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	176	5	388511 408563
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	183	5	388513 408555
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	242	5	388678 409044
32	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13SW (S)	249	5	388460 408496
33	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A13SW (S)	249	5	388460 408496
34	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A13SW (S)	250	5	388454 408496

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 25.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13SW (S)	256	5	388460 408489
36	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 30.2 Watercourse Level: Underground Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A13SW (S)	265	5	388450 408481
37	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 19.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13SW (S)	281	5	388461 408463
38	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A13SW (S)	294	5	388452 408451
39	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 66.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	300	5	388462 408444
40	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8NW (S)	300	5	388462 408444
41	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	365	5	388463 408378
42	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 58.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8NW (S)	365	5	388463 408378
43	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	373	5	388464 408369

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	395	5	388867 408511
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	396	5	388867 408508
46	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	399	5	388464 408344
47	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 65.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	411	5	388464 408331
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (NE)	420	5	388797 409180
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	437	5	388109 408556
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A12SE (SW)	439	5	388115 408539
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A12SE (SW)	440	5	388118 408535
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A12SE (SW)	448	5	388111 408531

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	450	5	388078 408593
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	453	5	388095 408548
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	453	5	388095 408548
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	455	5	388104 408528
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	458	5	388066 408602
58	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 71.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	466	5	388099 408514
59	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 65.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8NW (S)	475	5	388468 408266
60	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	475	5	388468 408266
61	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	486	5	388467 408255

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	511	5	388467 408231
63	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 64.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	512	5	388092 408443
64	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 63.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	528	5	388466 408213
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	555	5	388089 408379
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	555	5	388130 408335
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	585	5	388074 408349
68	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	591	5	388468 408150
69	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8NW (S)	591	5	388468 408150
70	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 50.2 Watercourse Level: On ground surface Permanent: False Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8NW (S)	594	5	388461 408148

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	602	5	388469 408139
72	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8NW (S)	626	5	388469 408114
73	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8SW (S)	640	5	388462 408101
74	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 132.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8SW (S)	641	5	388468 408099
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	659	5	388298 409448
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	664	5	388443 408079
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	694	5	388437 408050
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	726	5	388428 408019
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	754	5	388001 408183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 34.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8SW (S)	774	5	388458 407967
81	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8SW (S)	774	5	388458 407967
82	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8SW (S)	784	5	388457 407957
83	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A18NW (N)	785	5	388349 409596
84	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NW (N)	785	5	388349 409596
85	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 152.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A18NW (N)	789	5	388349 409600
86	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NW (N)	789	5	388349 409600
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 308.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	790	5	388398 407958
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A18NW (N)	793	5	388322 409596

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	798	5	388135 409521
90	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 16.7 Watercourse Level: Underground Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8SW (S)	805	5	388445 407937
91	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8SW (S)	809	5	388454 407932
92	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A8SW (S)	822	5	388444 407920
93	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 197.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A8SW (S)	833	5	388451 407908
94	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 26.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NW (N)	834	5	388371 409651
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	845	5	388134 409576
96	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 349.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NW (N)	858	5	388377 409677
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	868	5	388135 409602

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	870	5	388131 409602
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	887	5	388086 409596
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	887	5	388086 409596
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	887	5	388089 409599
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	888	5	388097 409604
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	891	5	388090 409603
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 456.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A12NW (W)	895	5	387609 408893
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 309.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A12SW (W)	904	5	387591 408772
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	905	5	388029 409581

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	905	5	388029 409581
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	911	5	387585 408800
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	916	5	387835 409418
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: Underground Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	916	5	387835 409418
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	919	5	387842 409431
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	928	5	387970 409566
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.3 Watercourse Level: Underground Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A18NW (N)	938	5	388292 409739
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A7SE (SW)	941	5	387865 408054
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (SW)	951	5	387775 408136

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A7SE (SW)	954	5	387895 408011
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	955	5	388095 409679
118	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 63.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (E)	962	5	389459 408409
119	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 42.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	967	5	389425 408325
120	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 43.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	967	5	389429 408332
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 249.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A7SW (SW)	970	5	387777 408103
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (E)	970	5	389477 408434
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	975	5	389508 409067
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	977	5	387665 409281

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	978	5	387664 409280
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	978	5	389509 409073
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	979	5	389458 408364
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	980	5	387666 409287
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	980	5	387667 409288
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	983	5	389512 409084
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	994	5	388830 409789
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	999	5	388856 409787
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	999	5	388856 409787

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	Historical Landfill Sites Licence Holder: W Maher and Sons Limited Location: Rochdale Road, Stannycliffe, Middleton, Greater Manchester Name: Land at Manchester Golf Club Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15889 First Input Date: 1st July 1992 Last Input Date: 31st December 1992 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9134 BGS Ref: Not Supplied Other Ref: D116, RD/LIC/755/92	A12SE (SW)	339	2	388181 408634
135	Historical Landfill Sites Licence Holder: Drake Brothers Location: Chesham Avenue, Castleton, Rochdale, Greater Manchester Name: Land At Newhey Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15862 First Input Date: 31st December 1984 Last Input Date: 28th February 1985 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9042 BGS Ref: Not Supplied Other Ref: RD/LIC/305/83, D051	A18SE (NE)	418	2	388806 409172
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		0	3	388536 408784
136	Registered Landfill Sites Licence Holder: W Maher & Sons Ltd Licence Reference: 00755 Site Location: Manchester Golf Club, Middleton, Manchester, Greater Manchester Licence Easting: 388100 Licence Northing: 408600 Operator Location: Ashburton Road East, TRAFFORD PARK, Greater Manchester, M17 1BN Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Uncontam.Rubble, Hardcore, Stone Uncontam.Soil, Clay, Sand Prohibited Waste: Asbestos Liquid/Sludge Wastes Malodorous Wastes Pretreated Wastes Not Permit.By Lic. Skip Waste Special Wastes Waste In Drums Waste N.O.S.	A12SE (SW)	427	2	388100 408600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	Registered Landfill Sites Licence Holder: Drake Bros. Licence Reference: 00305/83 Site Location: Newhey Farm, Chesham Avenue, Castleton, Rochdale, Lancashire Licence Easting: 388820 Licence Northing: 409200 Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 3rd April 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Ceramic Waste Constr'N/Demol. Inert/Non-Haz/Non-Tox Glass/Cullet Inert Waste Metal Scrap Plastic/Polythene (Including Sacks) Soil, Clay, Sand Stone, Brick, Concrete, Slate Wood Waste/Timber Prohibited Waste Carcasses And Flesh Chemical Wastes Food Waste Liquid Wastes Paper/Cardboard Waste Plasterboard/Plaster Sawdust/Bark Sludge Wastes Textiles, Rag, Wool, Cloth, Hessian Etc Vegetable/Processing Waste Waste Forming Polluting Leachate	A18SE (NE)	450	2	388820 409200
138	Registered Waste Transfer Sites Licence Holder: Safety-Kleen Uk Ltd Licence Reference: 00522/88 Site Location: Unit 57 Stakehill Industrial Estate, Bentley Avenue, Middleton, MANCHESTER, Greater Manchester, M24 2FL Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st December 1989 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste Aliphatic Hydrocarbons Paint Waste \$	A8SE (SE)	780	2	388862 408026

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	Registered Waste Treatment or Disposal Sites Licence Holder: Puresolve Division Of C.P.S Industries Licence Reference: 01157 Site Location: Unit 38 Stakehill Industrial Estate, Middleton, Manchester, Greater Manchester Operator Location: 190 The Strand, LONDON, Greater London, WC2R 1JN Authority: Environment Agency - North West Region, South Area Site Category: Treatment Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence has completion certificateSurrendered Dated: 1st March 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Kerosene Based Degreasers Max.Waste Permitted By Licence Waste Brake Fluid Waste Oil Filters Waste Paint/Thinners Waste Radiator Coolant Prohibited Waste: Waste N.O.S.	A8SE (S)	774	2	388571 407963

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	Control of Major Accident Hazards Sites (COMAH) Name: Proseat Llp Location: Stakehill Industrial Estate, Finlan Road, Middleton, Manchester, Greater Manchester, M24 2SJ Reference: 1027323 Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	622	6	388792 408168
140	Control of Major Accident Hazards Sites (COMAH) Name: Woodbridge Foam (Uk) Ltd Location: Stakehill Industrial Estate, Finlan Road, Manchester, Lancashie, M24 2SJ Reference: 11844 Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	628	6	388810 408170
141	Control of Major Accident Hazards Sites (COMAH) Name: Bibby Distribution Limited Location: Middleton, Unit S1, Stakehill Industrial Estate, Middleton, Manchester, Greater Manchester, M24 2rw Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	665	6	388951 408214
142	Control of Major Accident Hazards Sites (COMAH) Name: Cert Octavian Plc Location: Middleton, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, Greater Manchester, M24 2SJ Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	906	6	389109 408032
143	Planning Hazardous Substance Consents Name: Woodbridge Foam Location: Site A, Stakehill Industrial Estate, Middleton, Manchester, Lancashire, M24 2 Authority: Rochdale Metropolitan Borough Council Application Ref: 01/D38536 Hazardous Substance: Toluene diisocyanate Maximum Quantity: 46 Application date: 23rd January 2001 Decision: Deemed Consent Granted Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	989	7	389200 408000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SE (N)	0	1	388536 408784
144	BGS Recorded Mineral Sites Site Name: Stake Hill Sand Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 249185 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Sheet Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	565	1	388849 408264
145	BGS Recorded Mineral Sites Site Name: Hopwood Hall Sand Pit Location: Hopwood, Heywood, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96548 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	600	1	388184 408236
146	BGS Recorded Mineral Sites Site Name: Stake Hill Sand Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 249186 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A14SE (E)	701	1	389253 408624
147	BGS Recorded Mineral Sites Site Name: Fox Hill Sand Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 249184 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A18NE (N)	837	1	388695 409658
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (N)	0	8	388536 408784
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (N)	0	-	388536 408784
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	21	1	388582 408755
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	60	1	388472 408826
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	388536 408784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	Contemporary Trade Directory Entries Name: Harrison Electricals Location: 801, Rochdale Road, Middleton, Manchester, M24 2RA Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	54	-	388473 408813
149	Contemporary Trade Directory Entries Name: Penny Petroleum Location: Rochdale Rd, Middleton, Manchester, Lancashire, M24 2RA Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	90	-	388481 408901
150	Contemporary Trade Directory Entries Name: B P Service Station Location: ROCHDALE ROAD, MIDDLETON, M24 2RA Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	105	-	388452 408652
150	Contemporary Trade Directory Entries Name: Hopwood Total Service Station Location: Rochdale Road, Middleton, Manchester, M24 2RA Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	105	-	388452 408652
151	Contemporary Trade Directory Entries Name: D P F Removal Manchester Location: Rochdale Road, Middleton, Manchester, M24 6QP Classification: Diesel Engine Equipment & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	376	-	388225 408495
152	Contemporary Trade Directory Entries Name: Leyland & Birmingham Rubber Ltd Location: Unit 1, Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	435	-	388644 408315
152	Contemporary Trade Directory Entries Name: Simkiss Controls Systems Ltd Location: Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	435	-	388644 408315
153	Contemporary Trade Directory Entries Name: S D L Fittings Location: Unit 7, Bentley Avenue, Middleton, Manchester, Greater Manchester, M24 2GP Classification: Hardware Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	436	-	388777 408370
153	Contemporary Trade Directory Entries Name: Ace Polishing Services Ltd Location: Unit 3 Bentley Avenue, Middleton, Manchester, Greater Manchester, M24 2GP Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	442	-	388789 408372
154	Contemporary Trade Directory Entries Name: Simkiss Location: Unit 2 Bentley Avenue, Middleton, Manchester, Greater Manchester, M24 2GP Classification: Control Panels Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8NE (SE)	458	-	388736 408323
154	Contemporary Trade Directory Entries Name: D B T Medical Ltd Location: Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	463	-	388744 408321
154	Contemporary Trade Directory Entries Name: Nufox Location: Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	463	-	388744 408321

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154	Contemporary Trade Directory Entries Name: Nufox Rubber Ltd Location: UNIT 1, BENTLEY AVENUE, MIDDLETON, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	463	-	388744 408321
155	Contemporary Trade Directory Entries Name: Night Freight (Gb) Ltd Location: Unit 34, Stakehill Industrial Estate, Middleton, Manchester, Lancashire, M24 2RW Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	472	-	388523 408265
156	Contemporary Trade Directory Entries Name: Entwistle Group Location: Stakehill Industrial Estate, Middleton, Manchester, M24 2RW Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	488	-	388810 408330
157	Contemporary Trade Directory Entries Name: A P S Ltd Location: Unit 3 Bentley Avenue, Middleton, Manchester, Greater Manchester, M24 2GP Classification: Metal Finishing Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	499	-	388888 408378
158	Contemporary Trade Directory Entries Name: West Pennine Trucks Middleton Location: UNIT 32, STAKEHILL INDUSTRIAL ESTATE, TOUCHET HALL ROAD, MIDDLETON, M24 2RW Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	537	-	388632 408207
159	Contemporary Trade Directory Entries Name: Bentwood Ltd Location: Unit 1 Bentley Avenue, Stakehill Ind Est, Middleton, Manchester, M24 2RW Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	570	-	388988 408381
160	Contemporary Trade Directory Entries Name: Sparkle Fairy Maids Location: 49, Carnforth Avenue, Rochdale, OL11 2YD Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	576	-	388741 409379
161	Contemporary Trade Directory Entries Name: Rochdale Cleaning Co Location: 28, Avondale Court, Chesham Avenue, Rochdale, Lancashire, OL11 2YN Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	591	-	388624 409420
162	Contemporary Trade Directory Entries Name: Hays Crate Service Ltd Location: Unit 20/23, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, Lancashire, M24 2SJ Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	603	-	388870 408232
162	Contemporary Trade Directory Entries Name: Aluminium Trade Frames Location: The Entwistle Thorpe Building, Bentley Avenue, Middleton, Manchester, Greater Manchester, M24 2RW Classification: Aluminium Fabricators Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	604	-	388871 408231
162	Contemporary Trade Directory Entries Name: Rent A Crate Ltd Location: Unit 20-23, Stakehill Ind Est, Middleton, Manchester, M24 2SJ Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	604	-	388870 408231

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	Contemporary Trade Directory Entries Name: Nufox Ltd Location: Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	609	-	388995 408330
163	Contemporary Trade Directory Entries Name: Nufox Rubber Ltd Location: Unit 1, Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	622	-	389007 408323
163	Contemporary Trade Directory Entries Name: Dunlop Extrusions Location: Unit 1, Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	622	-	389007 408323
163	Contemporary Trade Directory Entries Name: Nufox Rubber Ltd Location: Unit 1, Bentley Avenue, Middleton, Manchester, M24 2GP Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	622	-	389007 408323
164	Contemporary Trade Directory Entries Name: Wincanton Logistics Location: Stakehill Ind Est, Middleton, Manchester, Lancashire, M24 2RW Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	619	-	388672 408132
164	Contemporary Trade Directory Entries Name: Wincanton Group Location: Unit 30, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, Lancashire, M24 2SJ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	660	-	388654 408087
165	Contemporary Trade Directory Entries Name: R D M Industrial Services Ltd Location: Stakehill La, Middleton, Manchester, Lancashire, M24 2RY Classification: Paint Spraying Equipment & Accessories Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	664	-	389072 408336
166	Contemporary Trade Directory Entries Name: Fisher Scientific Orme Technology Location: Stakehill Industrial Estate, Middleton, Manchester, M24 2RH Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8SE (S)	694	-	388819 408101
167	Contemporary Trade Directory Entries Name: Cooling Equipment Hire Ltd Location: 1144, Manchester Road, Rochdale, Lancashire, OL11 2XX Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	695	-	388514 409529
168	Contemporary Trade Directory Entries Name: Trelleborg Location: Unit 62, Stakehill Industrial Estate, Middleton, Manchester, M24 2RW Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	724	-	388882 408098
168	Contemporary Trade Directory Entries Name: Proseat Location: Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, M24 2SJ Classification: Mould Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	724	-	388882 408098

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	Contemporary Trade Directory Entries Name: R D M Industrial Services Ltd Location: Unit 10, Stakehill Industrial Estate, Middleton, MANCHESTER, M24 2RW Classification: Paint Spraying Equipment & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	739	-	389097 408248
170	Contemporary Trade Directory Entries Name: The Wheel Shop Location: Unit 37, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, M24 2FL Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	758	-	388551 407978
170	Contemporary Trade Directory Entries Name: The Wheel Shop Location: Unit 37 Touchet Hall Road, Stakehill Industrial Estate, Middleton, Manchester, Greater Manchester, M24 2FL Classification: Wheel Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SE (S)	758	-	388551 407978
171	Contemporary Trade Directory Entries Name: V & M Racing Products Ltd Location: Unit 43, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, M24 2FL Classification: Motor Cycle & Component Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	762	-	388648 407983
171	Contemporary Trade Directory Entries Name: Warm Insulations Ltd Location: Unit 49, Stakehill Industrial Estate, Touchet Hall Road, Middleton, MANCHESTER, M24 2FL Classification: Insulation Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	775	-	388659 407971
172	Contemporary Trade Directory Entries Name: Whitham Mills Engineering Location: Unit 70, Stakehill Industrial Estate, Middleton, Manchester, M24 2RW Classification: Waste Processing Machinery Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	793	-	388505 407944
172	Contemporary Trade Directory Entries Name: T G Products Location: Unit 70, Stakehill Industrial Estate, Middleton, Manchester, M24 2RW Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	794	-	388505 407944
173	Contemporary Trade Directory Entries Name: T & A Upholstery Suppliers Ltd Location: Unit 46-47 Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, Greater Manchester, M24 2FL Classification: Foam Products - Rubber & Plastics Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	806	-	388780 407967
174	Contemporary Trade Directory Entries Name: Sitraben Contract Furniture Location: Unit 3, Stakehill Industrial Estate, Middleton, Manchester, M24 2RW Classification: Homefurnishings - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	821	-	389111 408146
174	Contemporary Trade Directory Entries Name: Pullman Fleet Services Location: Unit 5, Stakehill Industrial Estate, Middleton, Manchester, M24 2RW Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	838	-	389120 408131
174	Contemporary Trade Directory Entries Name: P & H Contract Services Ltd Location: Unit 5, Stakehill Industrial Estate, Middleton, Manchester, M24 2RW Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	840	-	389129 408138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Contemporary Trade Directory Entries Name: Kite Packaging Ltd Location: Unit 24,28,Stakehill Ind Est, Middleton, Manchester, Lancashire, M24 2RW Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	822	-	389152 408186
175	Contemporary Trade Directory Entries Name: P H S Teacrate Location: Unit 9, Stakehill Industrial Estate, Middleton, Manchester, Lancashire, M24 2RW Classification: Storage & Shelving Systems Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	846	-	389166 408165
176	Contemporary Trade Directory Entries Name: Led Hut Ltd Location: Unit 24-28 Stakehill Industrial Estate, Middleton, Manchester, Greater Manchester, M24 2RW Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	823	-	388992 408049
176	Contemporary Trade Directory Entries Name: Comfy Quilts Location: Unit 29 Finlan Road,Stakehill Industrial Estate, Middleton, Manchester, Greater Manchester, M24 2RW Classification: Soft Furnishings - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	823	-	388992 408049
176	Contemporary Trade Directory Entries Name: Carter Brothers Location: Unit 30,Stakehill Industrial Estate, Middleton, Manchester, Greater Manchester, M24 2RW Classification: Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	823	-	388992 408049
177	Contemporary Trade Directory Entries Name: The Mansfield Group Rescue & Recovery Location: Unit 60, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, M24 2SJ Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	834	-	388897 407983
177	Contemporary Trade Directory Entries Name: The Mansfield Group Location: Unit 60, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, M24 2SJ Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	834	-	388897 407983
178	Contemporary Trade Directory Entries Name: Hays Crate Services Location: Stakehill Ind Est,Touchet Hall Rd, Middleton, Manchester, M24 2SJ Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	887	-	388644 407856
179	Contemporary Trade Directory Entries Name: Middleton Car & Commercial Ltd Location: UNIT 2, STAKEHILL INDUSTRIAL ESTATE, FINLAN ROAD, MIDDLETON, M24 2RW Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	904	-	389144 408063
179	Contemporary Trade Directory Entries Name: G B S Accidents Repairs Location: Unit 1, Stakehill Industrial Estate, Middleton, Manchester, Lancashire, M24 2RW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	905	-	389134 408053

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	Contemporary Trade Directory Entries Name: GrangebodysShop.Com Location: Unit 1,Finlay Road,Stakehill Ind Est, Middleton, Manchester, Lancashire, M24 2RW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	906	-	389134 408053
180	Contemporary Trade Directory Entries Name: Dunlop Tyres Location: Unit 69, Stakehill Industrial Estate, Touchet Hall Road, Middleton, Manchester, M24 2SJ Classification: Tyre Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	943	-	388562 407794
181	Contemporary Trade Directory Entries Name: D Turner & Son Location: UNIT 63, STAKEHILL INDUSTRIAL ESTATE, MIDDLETON, MANCHESTER, M24 2RW Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	960	-	388946 407866
182	Contemporary Trade Directory Entries Name: Discount Cars Of Rochdale Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	985	-	388471 409817
182	Contemporary Trade Directory Entries Name: 24 Hour Recovery & Movement Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	985	-	388471 409817
182	Contemporary Trade Directory Entries Name: Empire Tinting & Signs Location: 1050 Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Window Tinting Status: Active Positional Accuracy: Automatically positioned to the address	A23SW (N)	986	-	388482 409819
182	Contemporary Trade Directory Entries Name: D & W Cars Ltd Location: 1050, MANCHESTER ROAD, ROCHDALE, OL11 2XJ Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A23SW (N)	986	-	388482 409819
182	Contemporary Trade Directory Entries Name: Castleton Van Sales Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	986	-	388483 409819
182	Contemporary Trade Directory Entries Name: Empire Tinting Location: 1050 Manchester Rd, Rochdale, Lancashire, OL11 2XJ Classification: Window Tinting Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A23SW (N)	986	-	388511 409820
182	Contemporary Trade Directory Entries Name: C & A Motors Ltd Location: 1050, MANCHESTER ROAD, ROCHDALE, OL11 2XJ Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A23SW (N)	986	-	388482 409819
182	Contemporary Trade Directory Entries Name: Manchester Caravans Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	988	-	388492 409821

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	Contemporary Trade Directory Entries Name: Drive 4 Cars Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A23SW (N)	988	-	388492 409821
183	Fuel Station Entries Name: Hopwood Self Service Station Location: Rochdale Road , Slattocks , Manchester, Greater Manchester, M24 2RA Brand: Bp Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	85	-	388455 408675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Ancient Woodland Name: Not Supplied Reference: 1415960 Area(m²): 20496.84 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	442	9	388158 408472
185	Ancient Woodland Name: Not Supplied Reference: 1415959 Area(m²): 1812.11 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	516	9	388081 408451
186	Ancient Woodland Name: Not Supplied Reference: 1415958 Area(m²): 6974.68 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	675	9	388061 408235
187	Ancient Woodland Name: Hopwood Clough Reference: 1105590 Area(m²): 26766.48 Type: Ancient and Semi-Natural Woodland	A7SE (SW)	942	9	387866 408052
188	Areas of Adopted Green Belt Authority: Rochdale Metropolitan Borough Council Plan Name: Rochdale Unitary Development Plan Status: Adopted Plan Date: 30th June 2006	A13SE (N)	0	10	388536 408784
189	Local Nature Reserves Name: Hopwood Woodlands Multiple Area: Y Area (m2): 425907.09 Source: Natural England Designation Date: 1st January 1992	A12SE (SW)	424	9	388152 408511
190	Nitrate Vulnerable Zones Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (N)	0	4	388536 408784
191	Sites of Special Scientific Interest Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 263678.3 Source: Natural England Reference: 2000430 Designation Details: Special Area Of Conservation Designation Date: 16th August 2000 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 16th August 2000 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 16th August 2000 Date Type: Notified	A13SW (SW)	95	9	388412 408716
192	Special Areas of Conservation Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 261103.36 Source: Natural England Reference: UK0030266 Status: Designated	A13SW (SW)	95	9	388412 408716

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Manchester City Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department	November 2023 October 2017 October 2017 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	July 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 September 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 September 2014	Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2024	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Environment Agency - North West Region Environment Agency - Head Office	May 2023 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2024	Quarterly
Water Abstractions Environment Agency - North West Region	July 2024	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	July 2024	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	May 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	May 2024	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	January 2023	Quarterly
Local Authority Landfill Coverage Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council	February 2016 February 2016 February 2016 May 2023	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council	February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	January 2024	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 2024	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Rochdale Metropolitan Borough Council - Environmental Health Department P O Box 32, Telegraph House, Ballie Street, Rochdale, Greater Manchester, OL16 1JH	Telephone: 01706 864139 Fax: 01706 864185 Website: www.rochdale.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	Rochdale Metropolitan Borough Council Municipal Offices, Smith Street, Rochdale, Greater Manchester, OL16 1XG	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
8	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Rochdale Metropolitan Borough Council PO Box 15, Town Hall, Rochdale, Greater Manchester, OL16 1AB	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
11	Oldham Metropolitan Borough Council Civic Centre, P O Box 55, West Street, Oldham, Lancashire, OL1 1XN	Telephone: 0161 911 3000 Fax: 0161 678 4550 Website: www.oldham.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

Classification	Definition
High likelihood	There is a contaminant linkage and an event that appears either very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.
Likely	There is a contaminant linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term, and likely over the long term.
Low likelihood	There is a contaminant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is contaminant linkage but circumstances are such that it is improbable that an event would occur even in the long term.

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Table B: Classification of consequence (continued)

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
	Controlled waters	Pollution of non-water resources	Pollution of non-classified groundwater
	Property	Damage to sensitive buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
	Ecology	Damage to the environment	Localised damage to aquatic habitat causing temporary relocation of certain species
Minor	Humans	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc.)	The presence of contaminants at such concentrations that protective equipment is required during site works
	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily reparable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

		Consequence (severity)			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Risk Key

Very High	High	Moderate	Moderate/Low	Low	Very Low
There is a high probability that severe harm could arise to a designated receptor from an identified hazard without appropriate remediation action	Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action	It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely any harm would be mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild	The presence of an identified hazard does not give rise to the potential to cause harm to a receptor

3.5 Historical land use maps

Historical Ordnance Survey maps relating to the site and its surrounding area have been provided by Landmark.

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

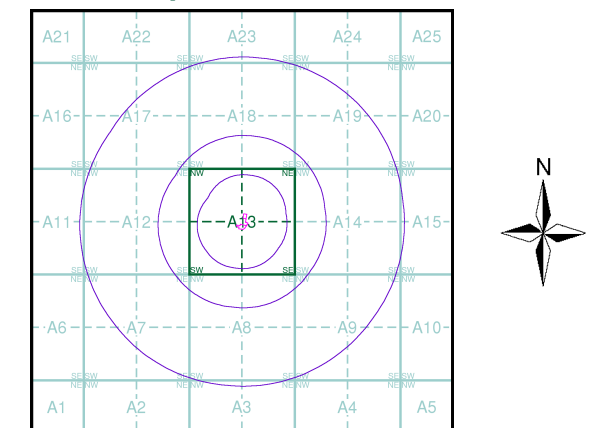
1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848 - 1851	2
Yorkshire	1:10,560	1854	3
Lancashire And Furness	1:10,560	1894 - 1895	4
Lancashire And Furness	1:10,560	1910	5
Lancashire And Furness	1:10,560	1922 - 1932	6
Lancashire And Furness	1:10,560	1932	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1956	9
Ordnance Survey Plan	1:10,000	1965 - 1968	10
Ordnance Survey Plan	1:10,000	1977	11
Ordnance Survey Plan	1:10,000	1984 - 1988	12
Ordnance Survey Plan	1:10,000	1993	13
10K Raster Mapping	1:10,000	1999	14
Street View	Variable		15

Historical Map - Slice A

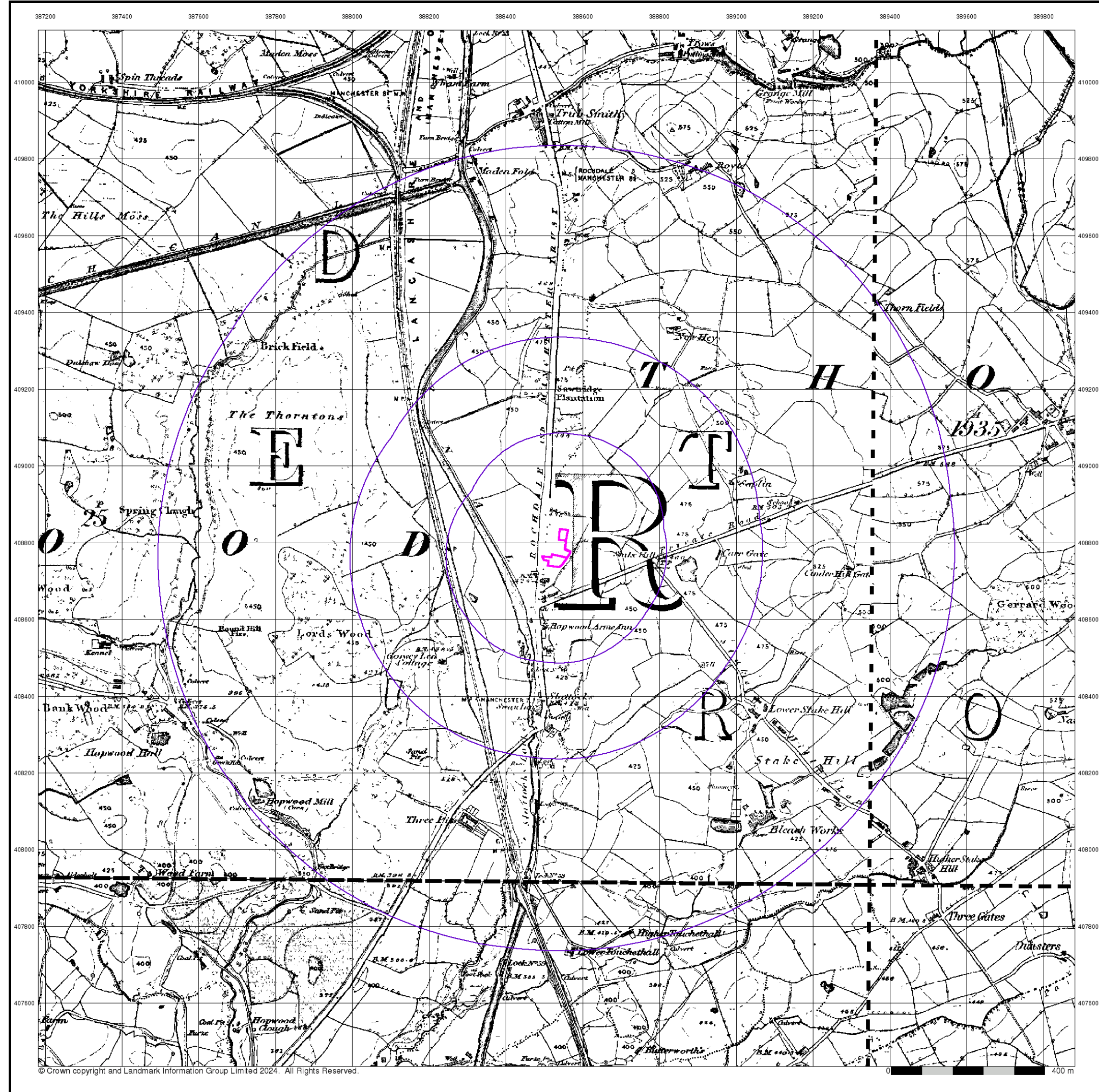


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Lancashire And Furness

Published 1848 - 1851

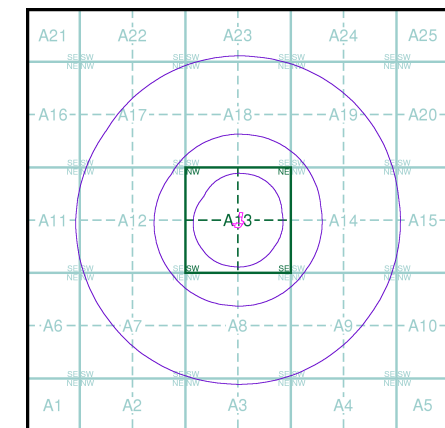
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

08800 1851 1:10,560	08900 1851 1:10,560
09600 1848 1:10,560	09700 1848 1:10,560

Historical Map - Slice A

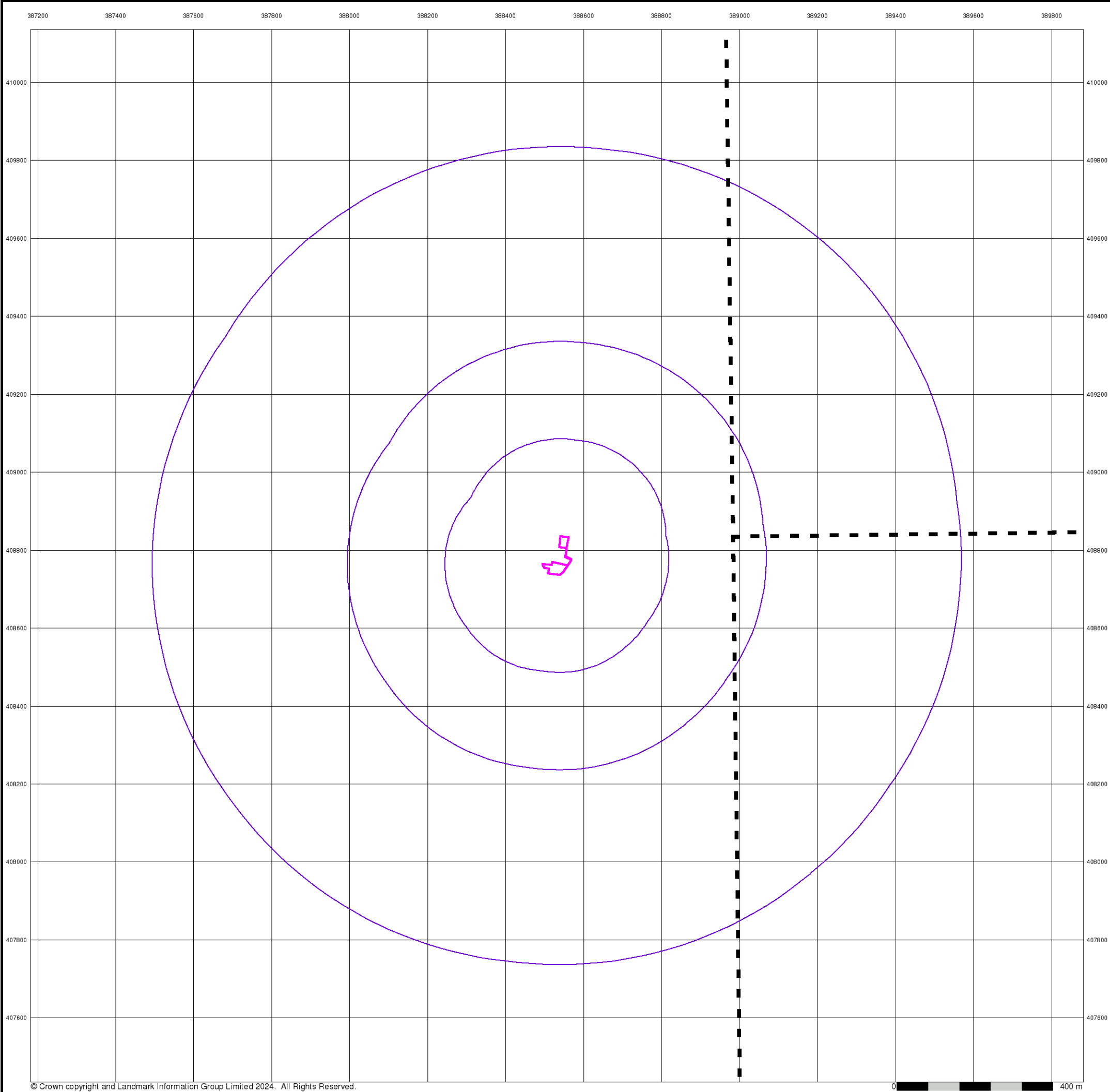


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton,
MANCHESTER, M24 2RB



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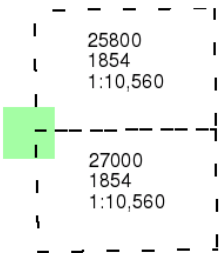
Yorkshire

Published 1854

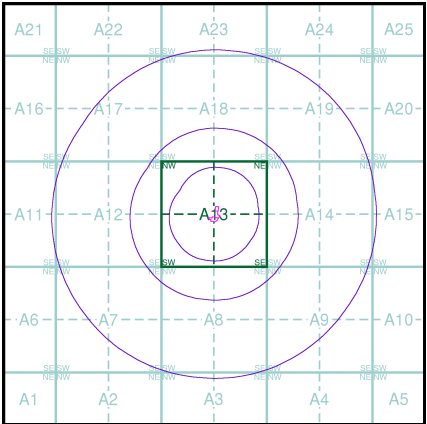
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

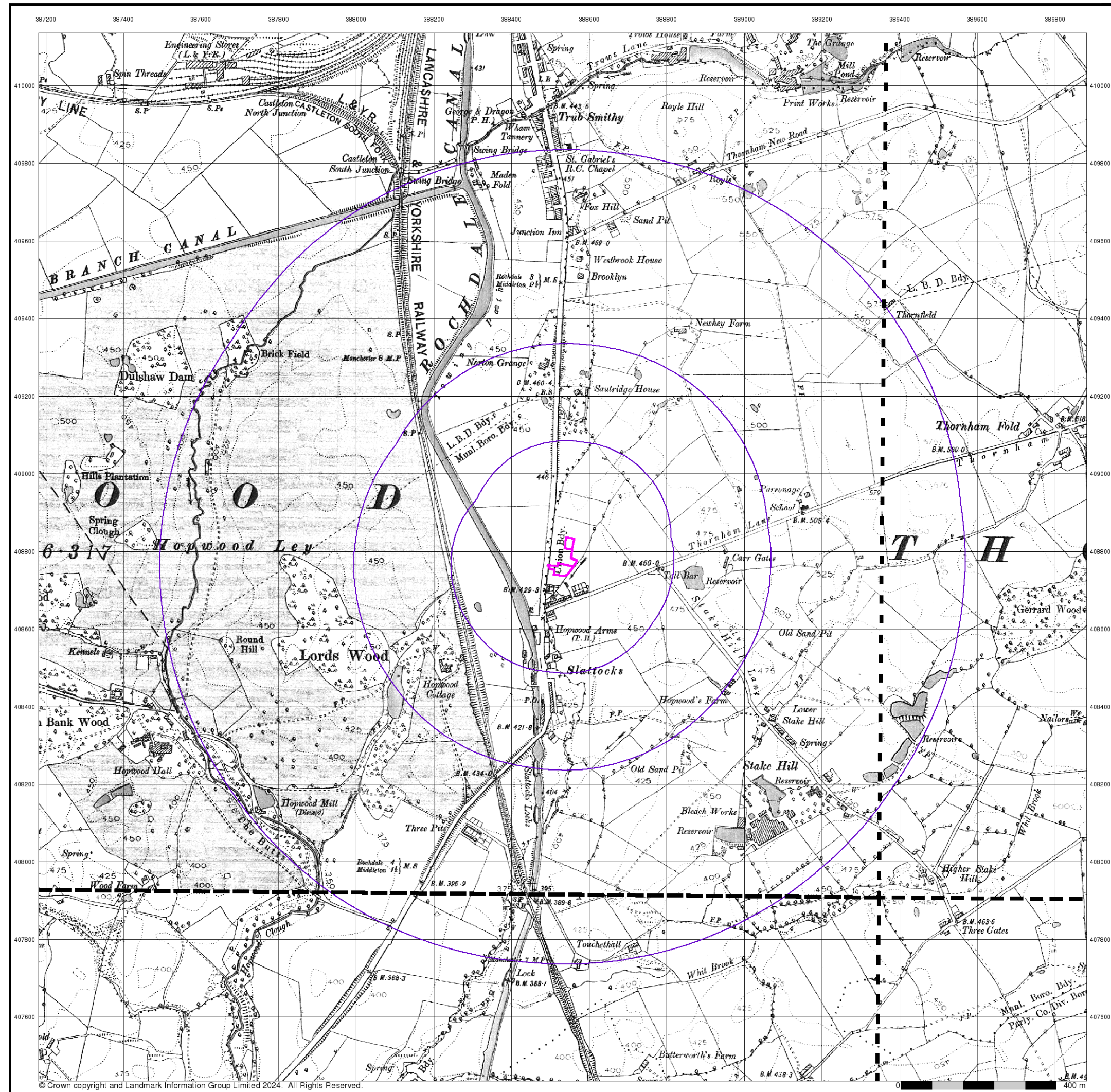
Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Lancashire And Furness

Published 1894 - 1895

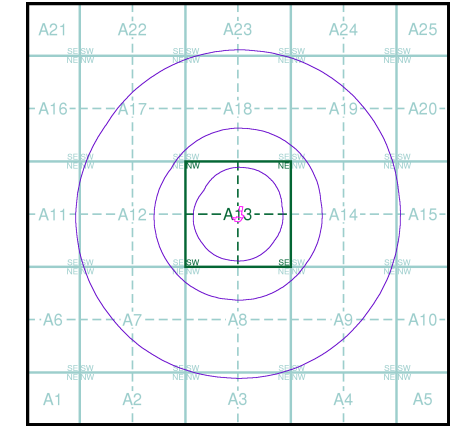
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

088SE 1894 1:10,560	089SW 1894 1:10,560
096NE 1894 1:10,560	097NW 1895 1:10,560

Historical Map - Slice A

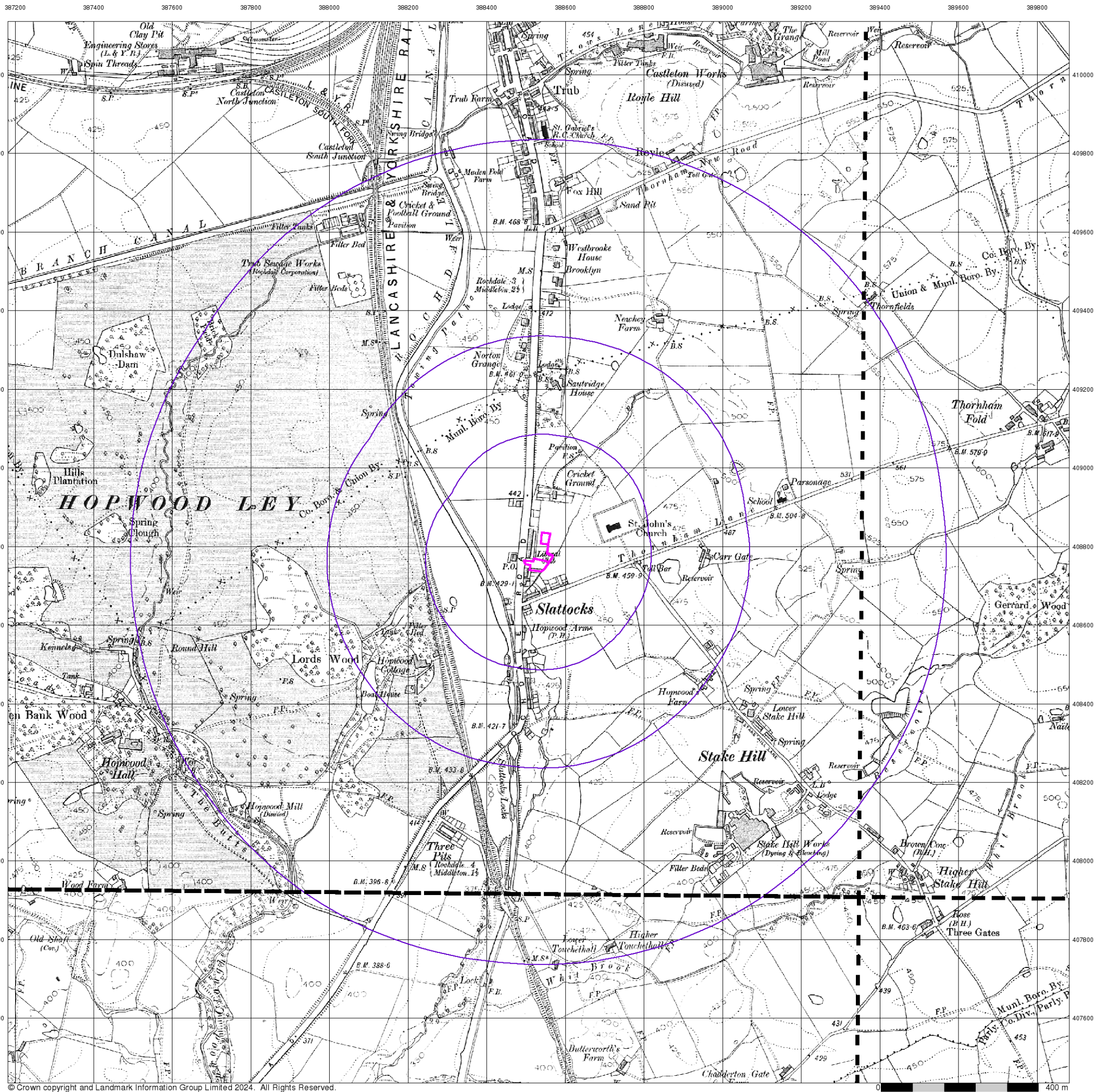


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Lancashire And Furness

Published 1910

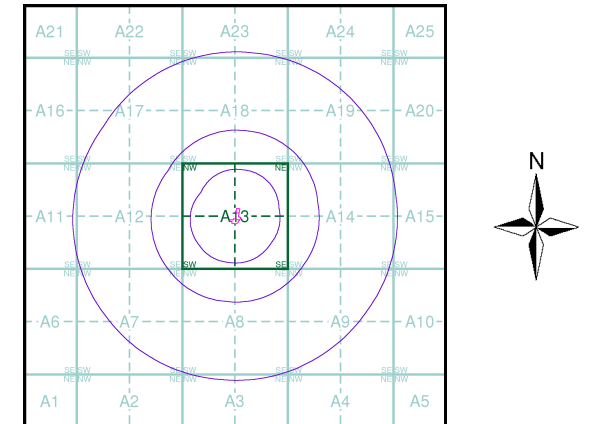
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

088SE 1910 1:10,560	089SW 1910 1:10,560
096NE 1910 1:10,560	097NW 1910 1:10,560

Historical Map - Slice A

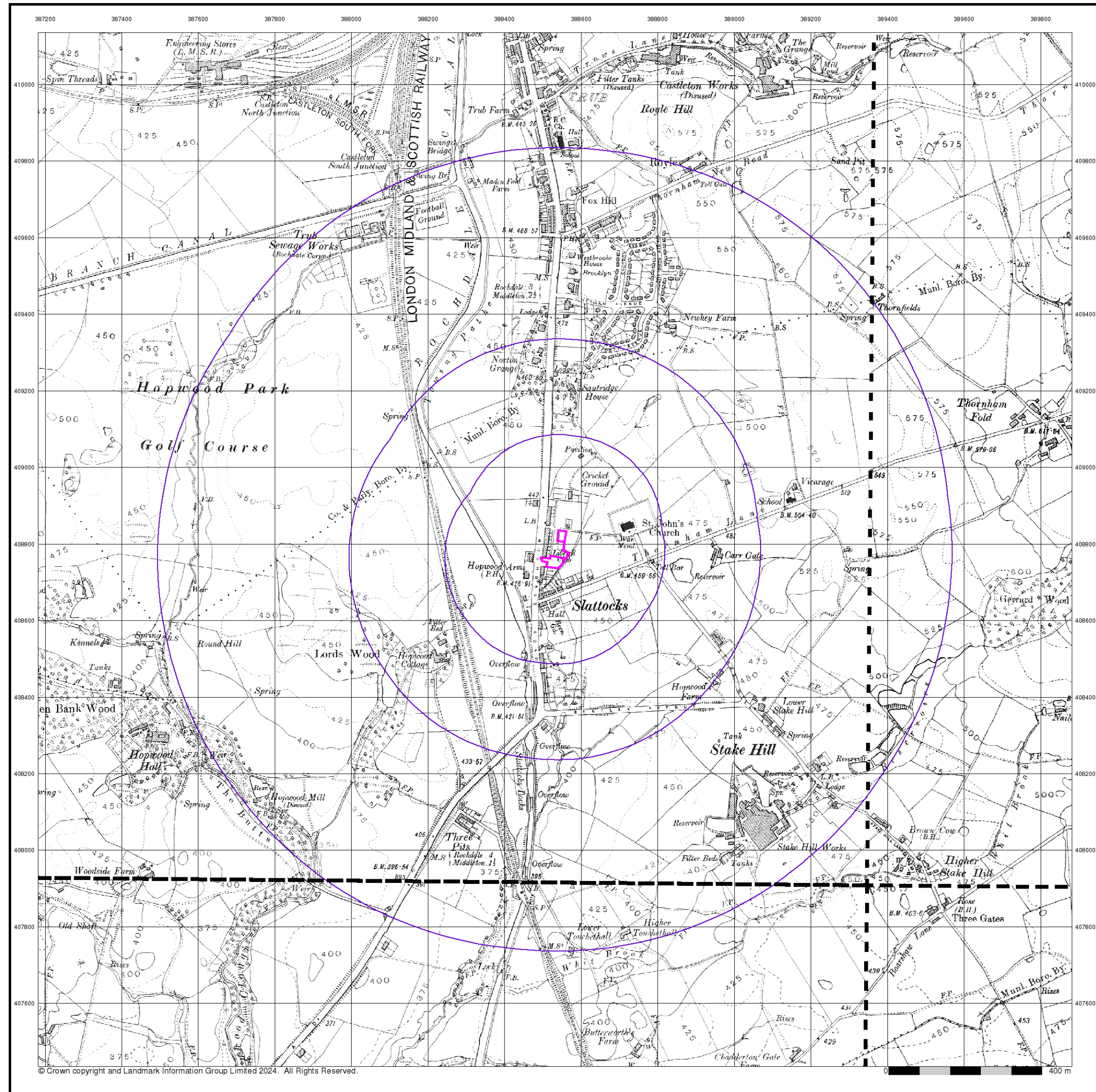


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton,
MANCHESTER, M24 2RB



Lancashire And Furness

Published 1922 - 1932

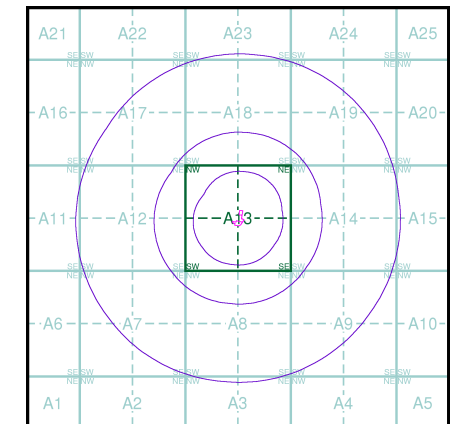
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

088SE 1932 1:10,560	089SW 1931 1:10,560
096NE 1923 1:10,560	097NW 1922 1:10,560

Historical Map - Slice A

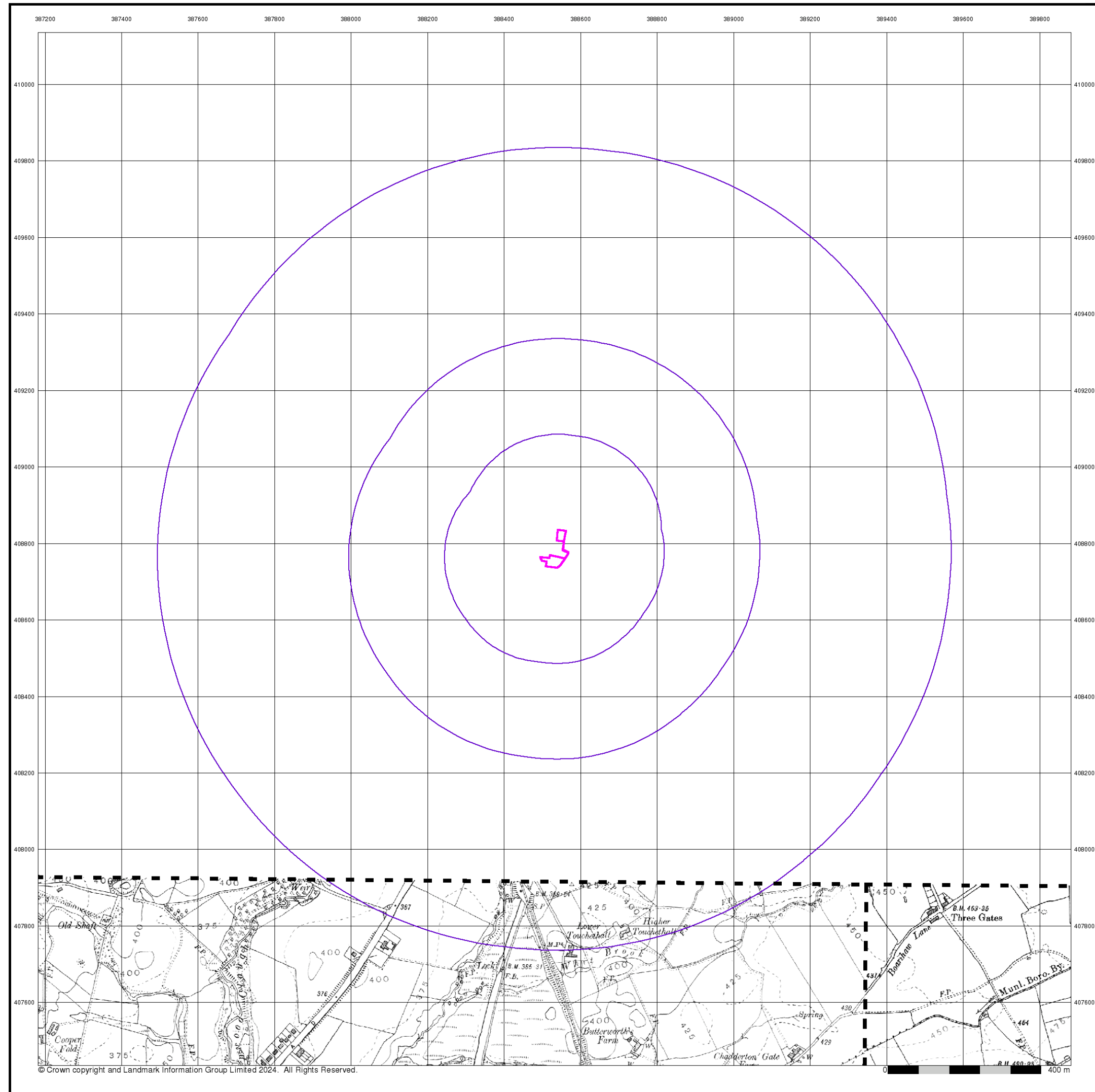


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
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Site Details

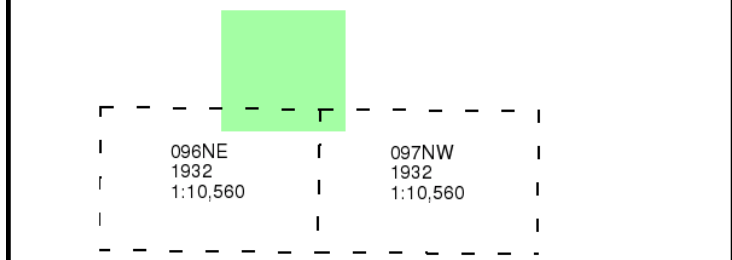
Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



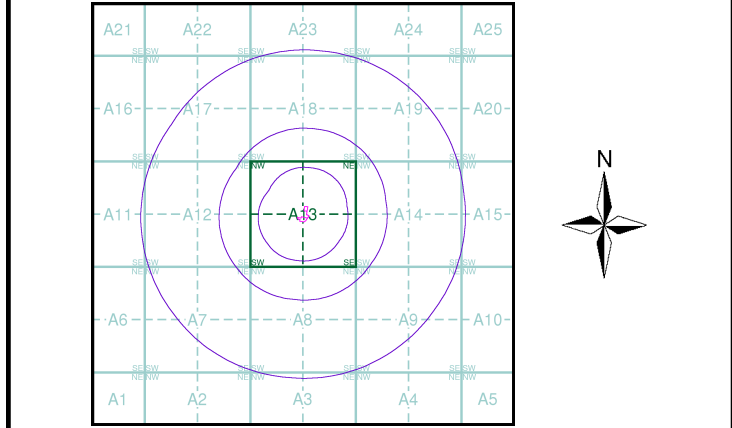
Lancashire And Furness
Published 1932
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



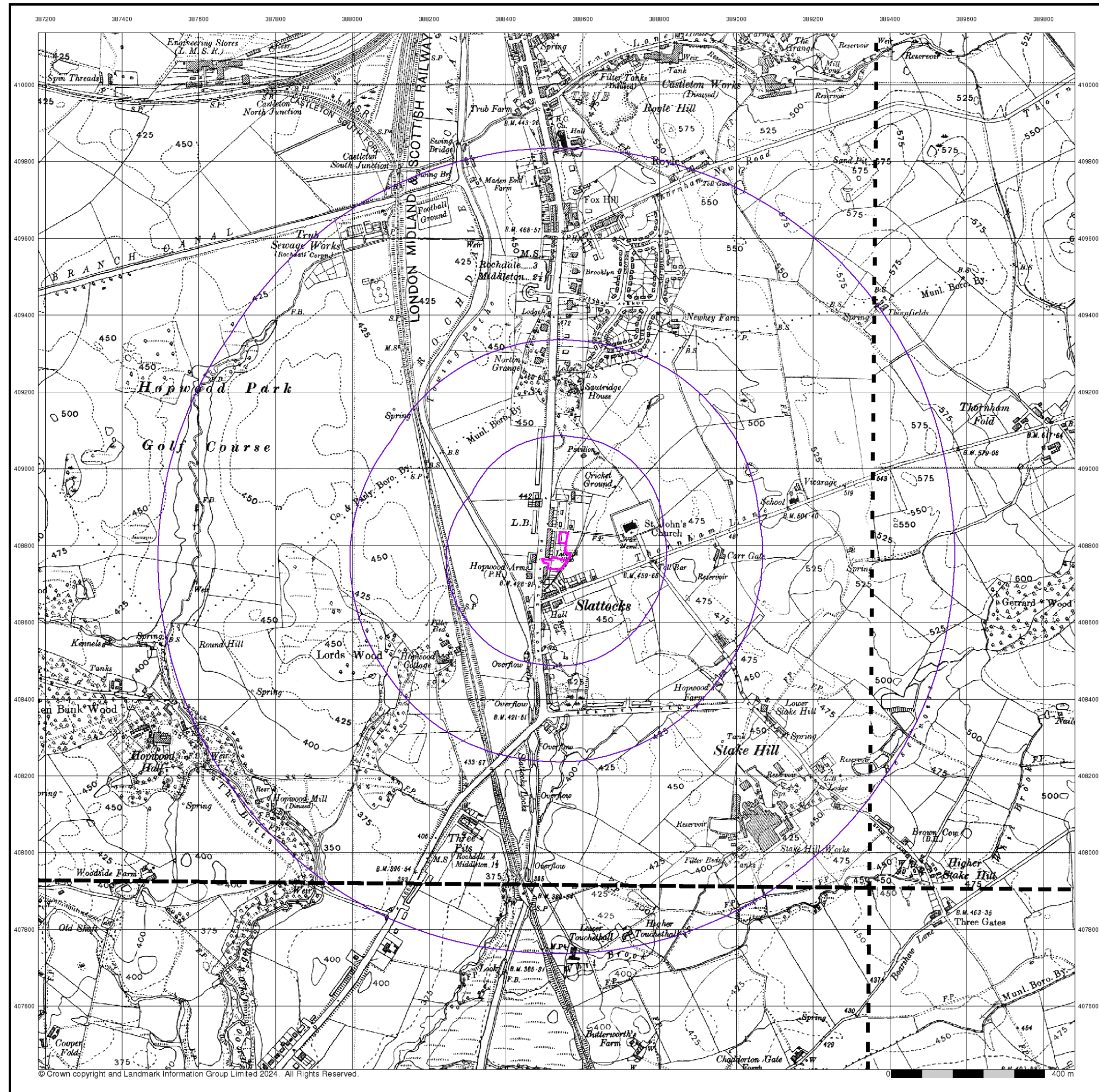
Historical Map - Slice A



Order Details

Order Number:	354163179_1_1
Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
Search Buffer (m):	1000

Site Details
Land adjacent to Rochdale Road at Hillbank Street, Middleton,
MANCHESTER, M24 2RB



Lancashire And Furness

Published 1938

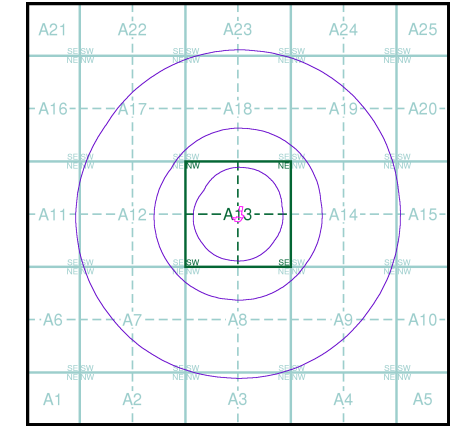
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

088SE 1938 1:10,560	089SW 1938 1:10,560
096NE 1938 1:10,560	097NW 1938 1:10,560

Historical Map - Slice A

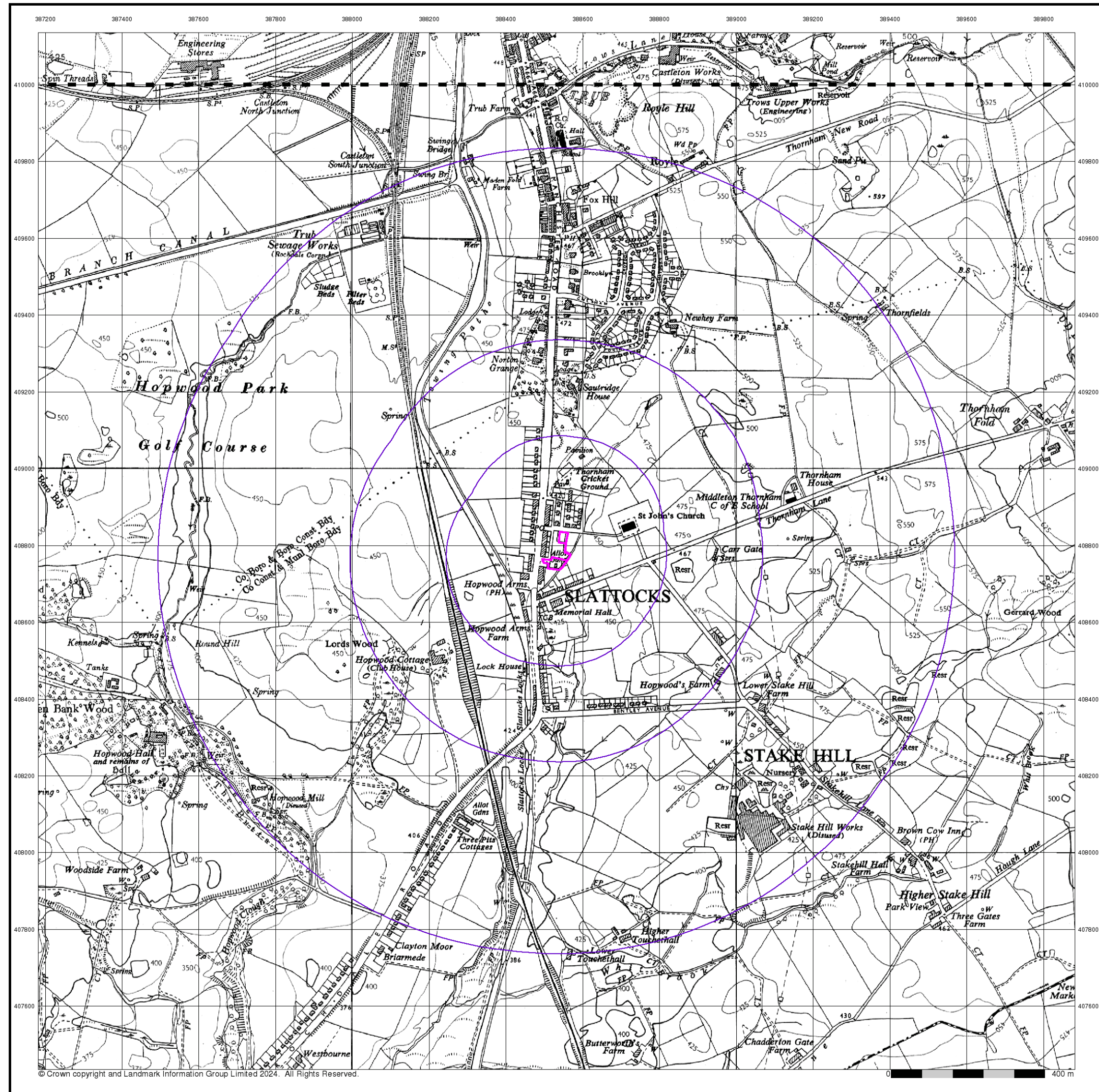


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Ordnance Survey Plan

Published 1956

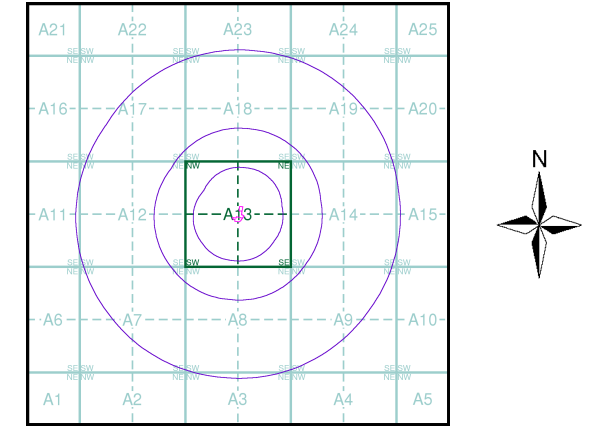
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SD81SE	1956	1:10,560
SD80NE	1956	1:10,560

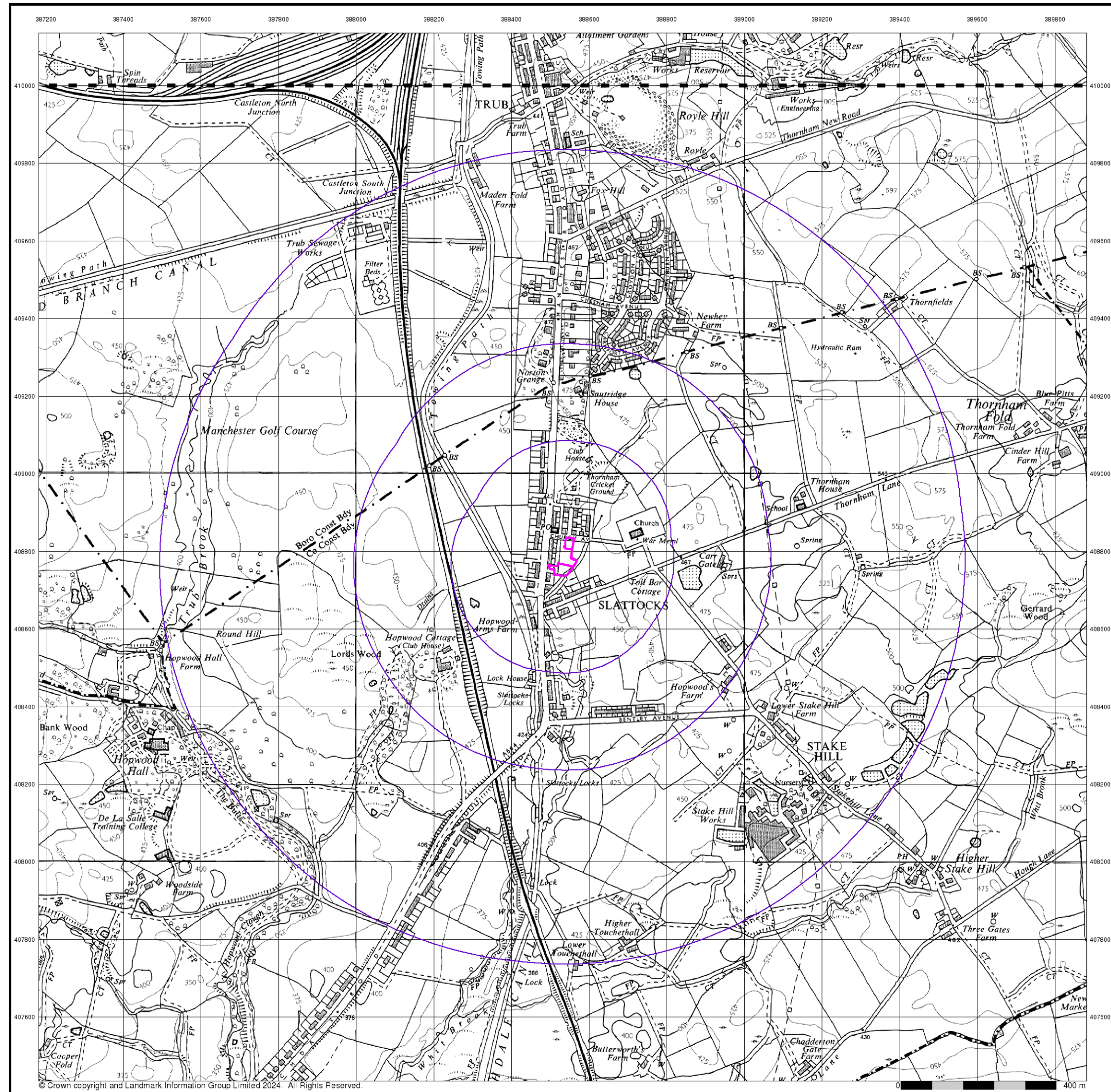
Historical Map - Slice A



Order Details	
Order Number:	354163179_1_1
Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
Search Buffer (m):	1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Ordnance Survey Plan

Published 1965 - 1968

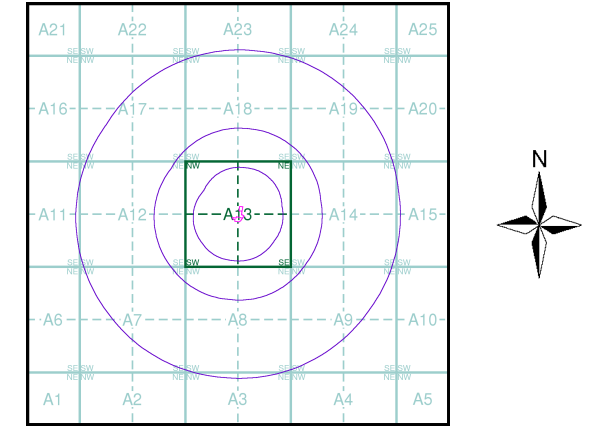
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SD81SE	1968	1:10,560
SD80NE	1965	1:10,560

Historical Map - Slice A

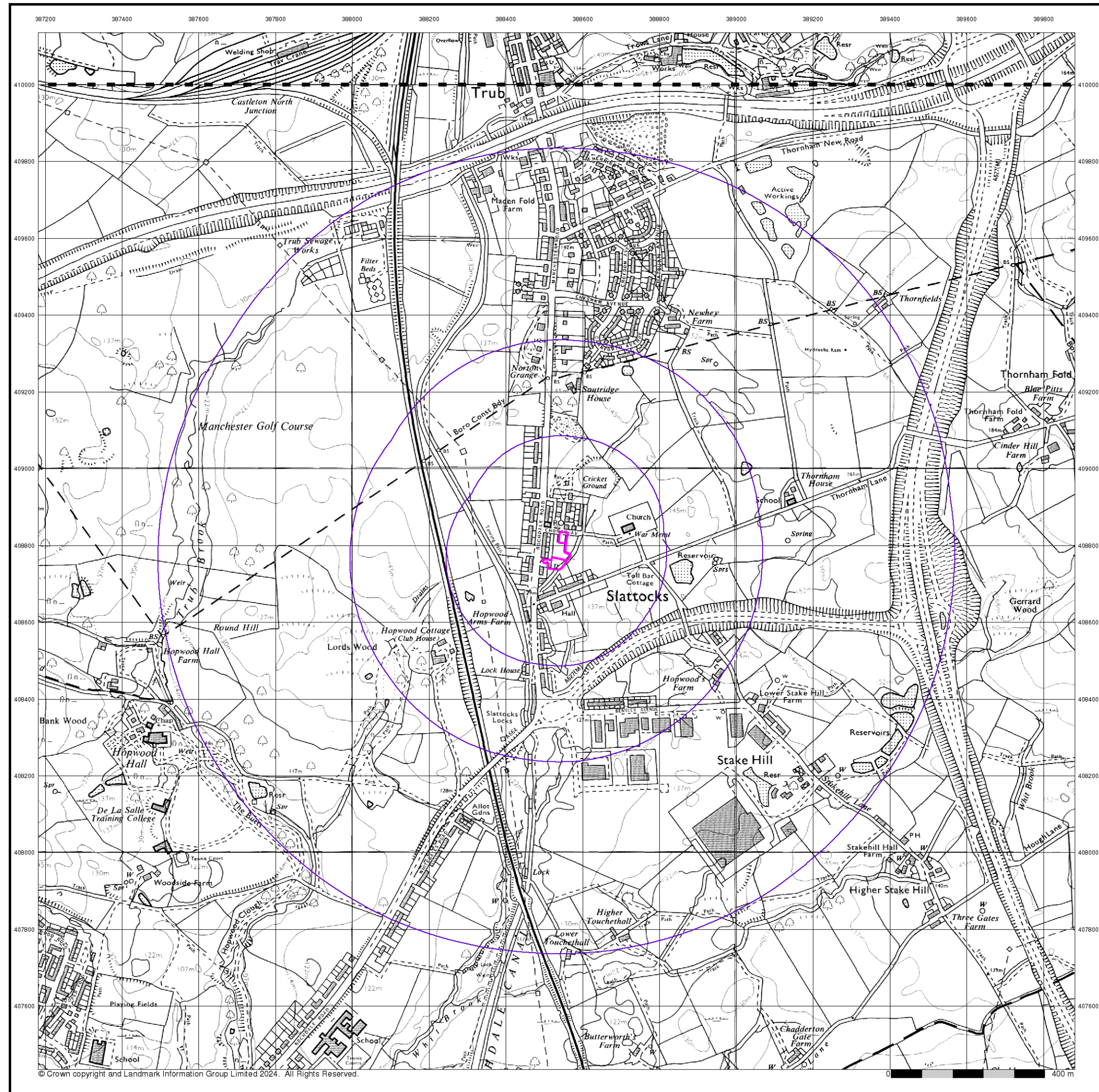


Order Details

Order Number:	354163179_1_1
Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
Search Buffer (m):	1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Ordnance Survey Plan

Published 1977

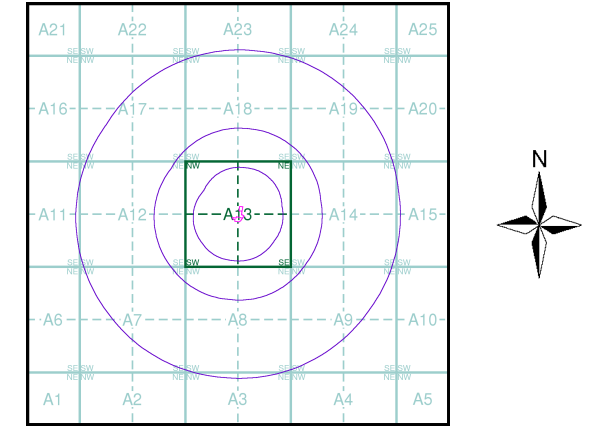
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SD81SE	1977	1:10,000
SD80NE	1977	1:10,000

Historical Map - Slice A

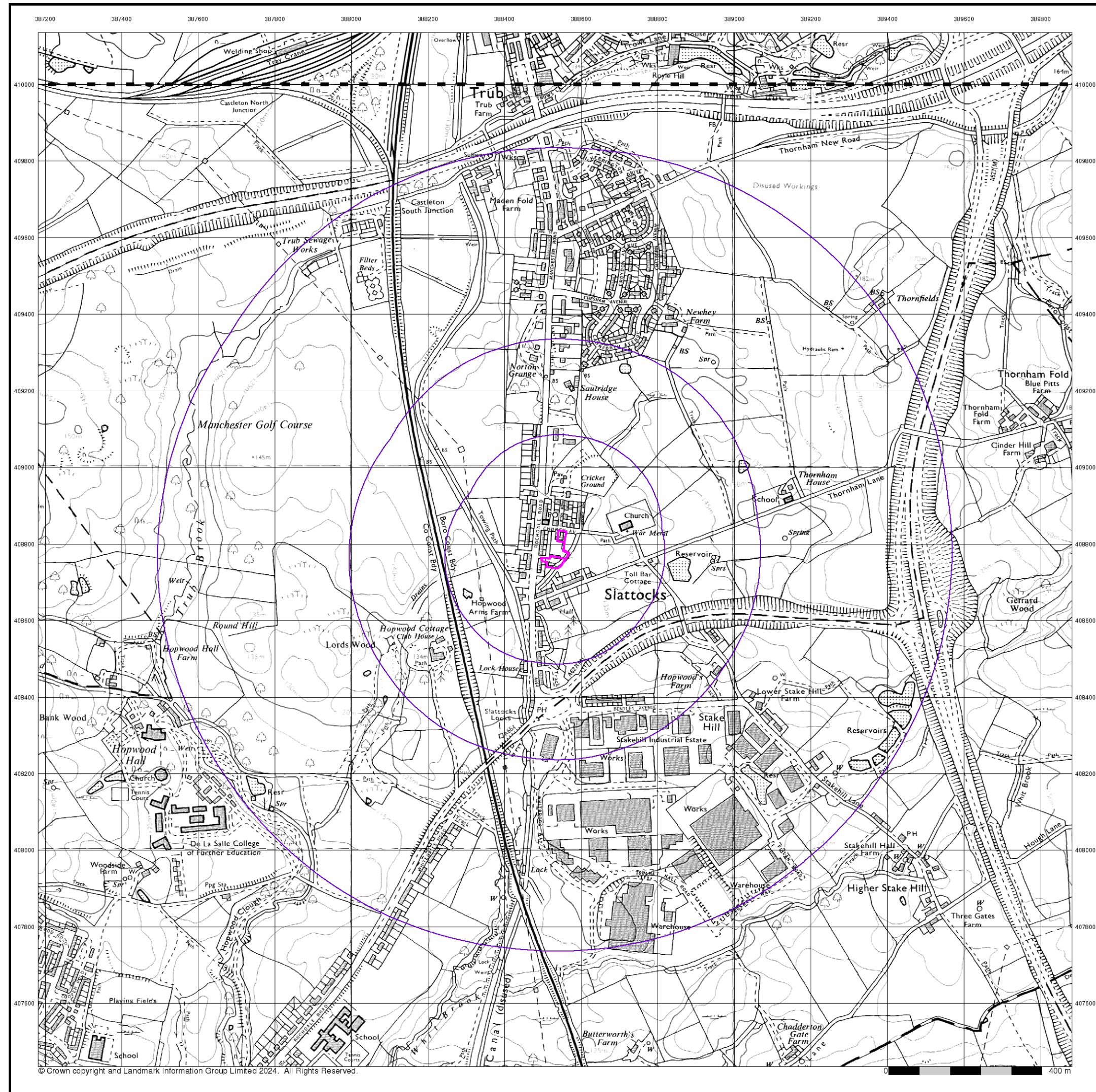


Order Details

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Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
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Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Ordnance Survey Plan

Published 1984 - 1988

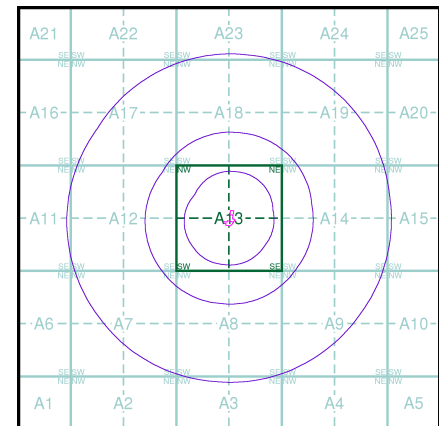
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SD81SE
1988
1:10,000
SD80NE
1984
1:10,000

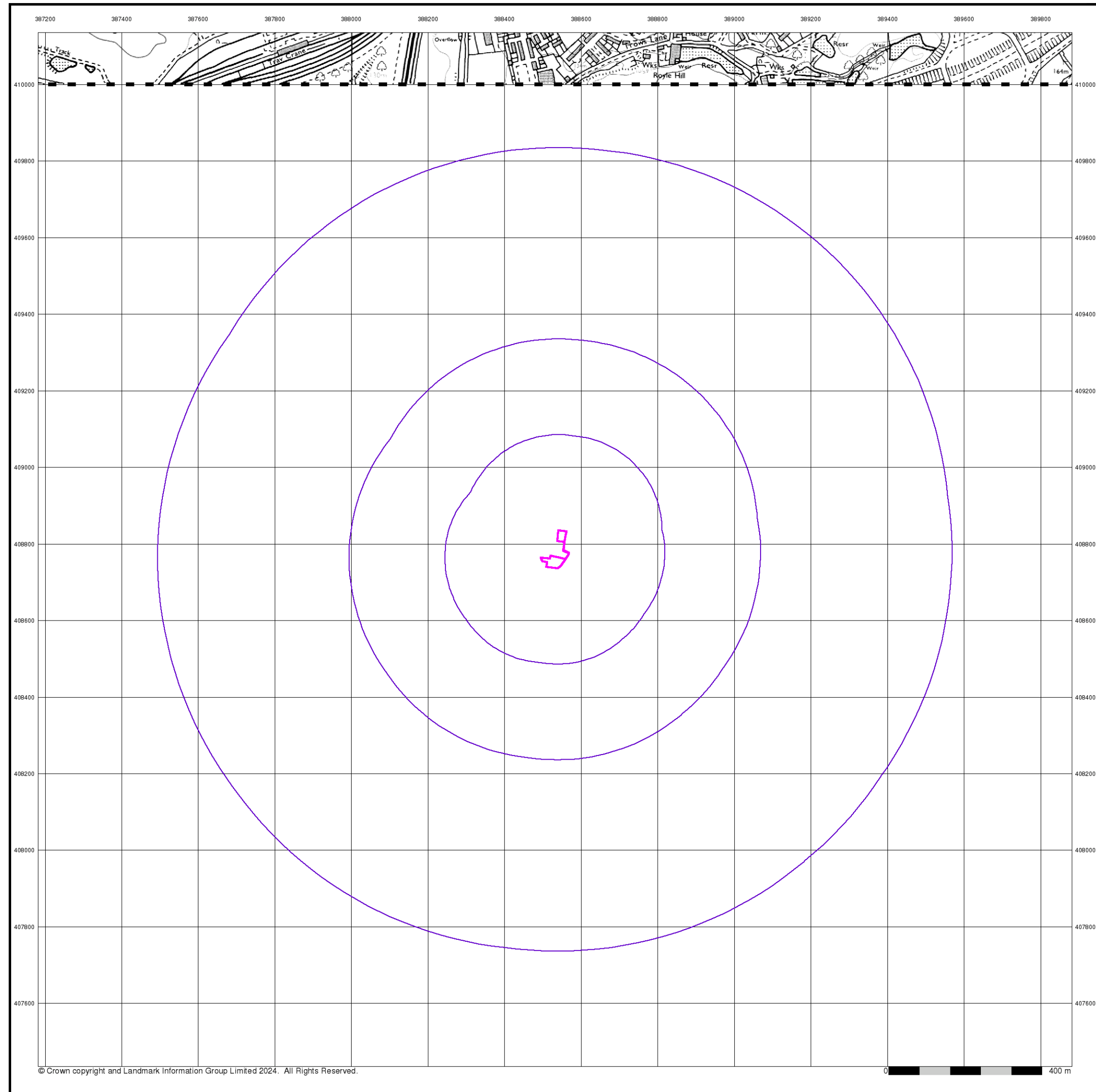
Historical Map - Slice A



Order Number:	354163179_1_1
Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
Search Buffer (m):	1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Ordnance Survey Plan
Published 1993
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SD81SE
1993
1:10,000

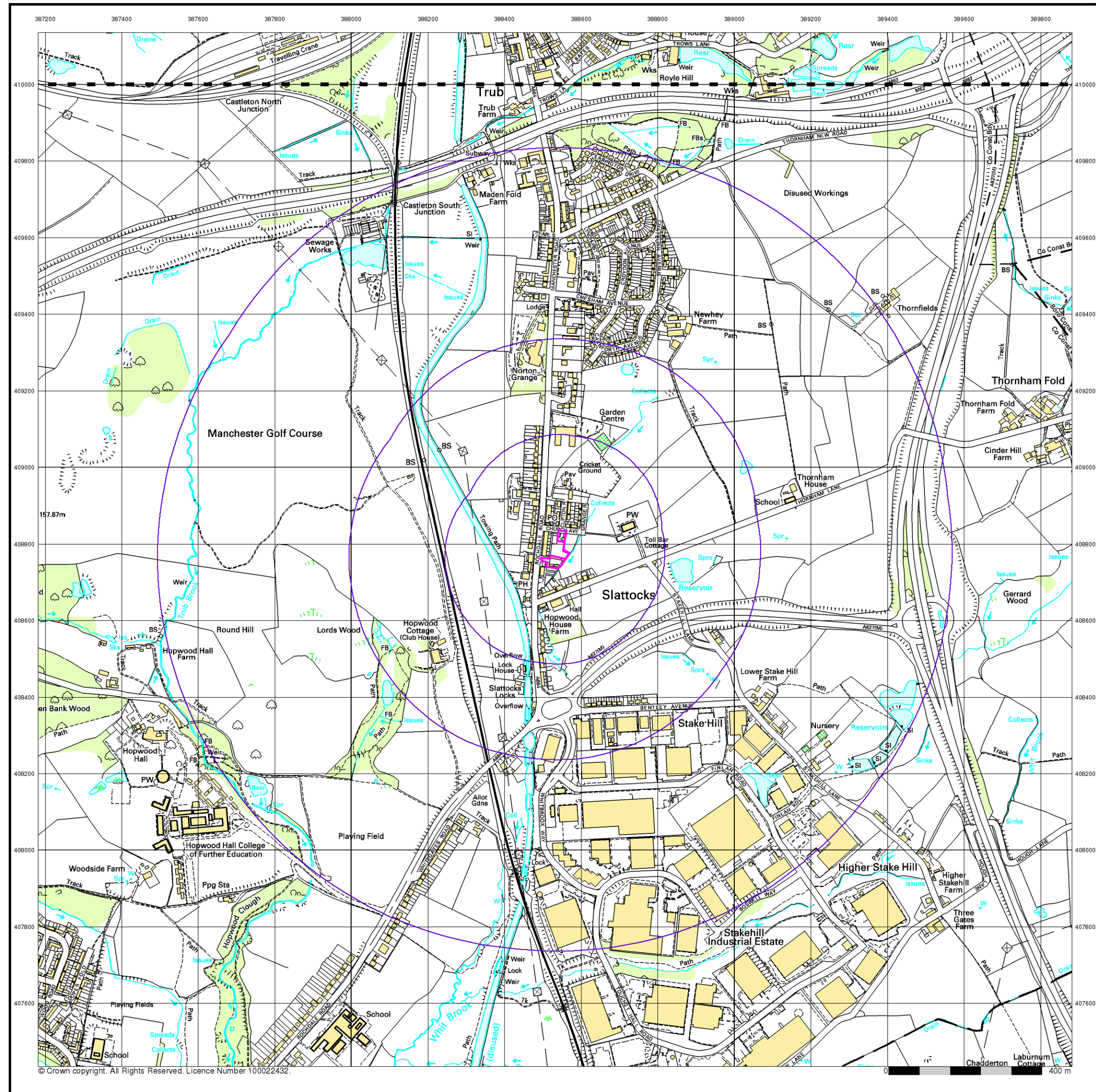
Historical Map - Slice A

Order Details

Order Number:	354163179_1_1
Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
Search Buffer (m):	1000

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



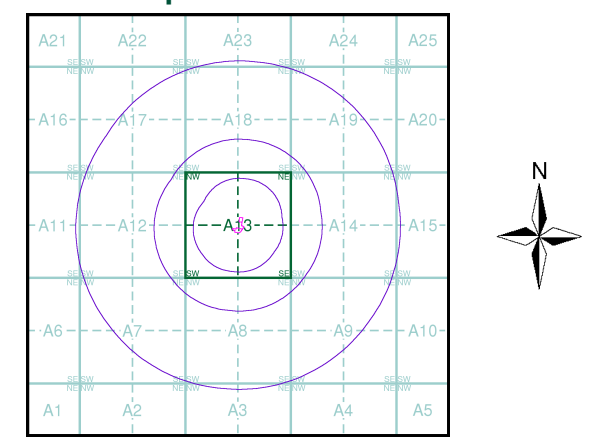
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

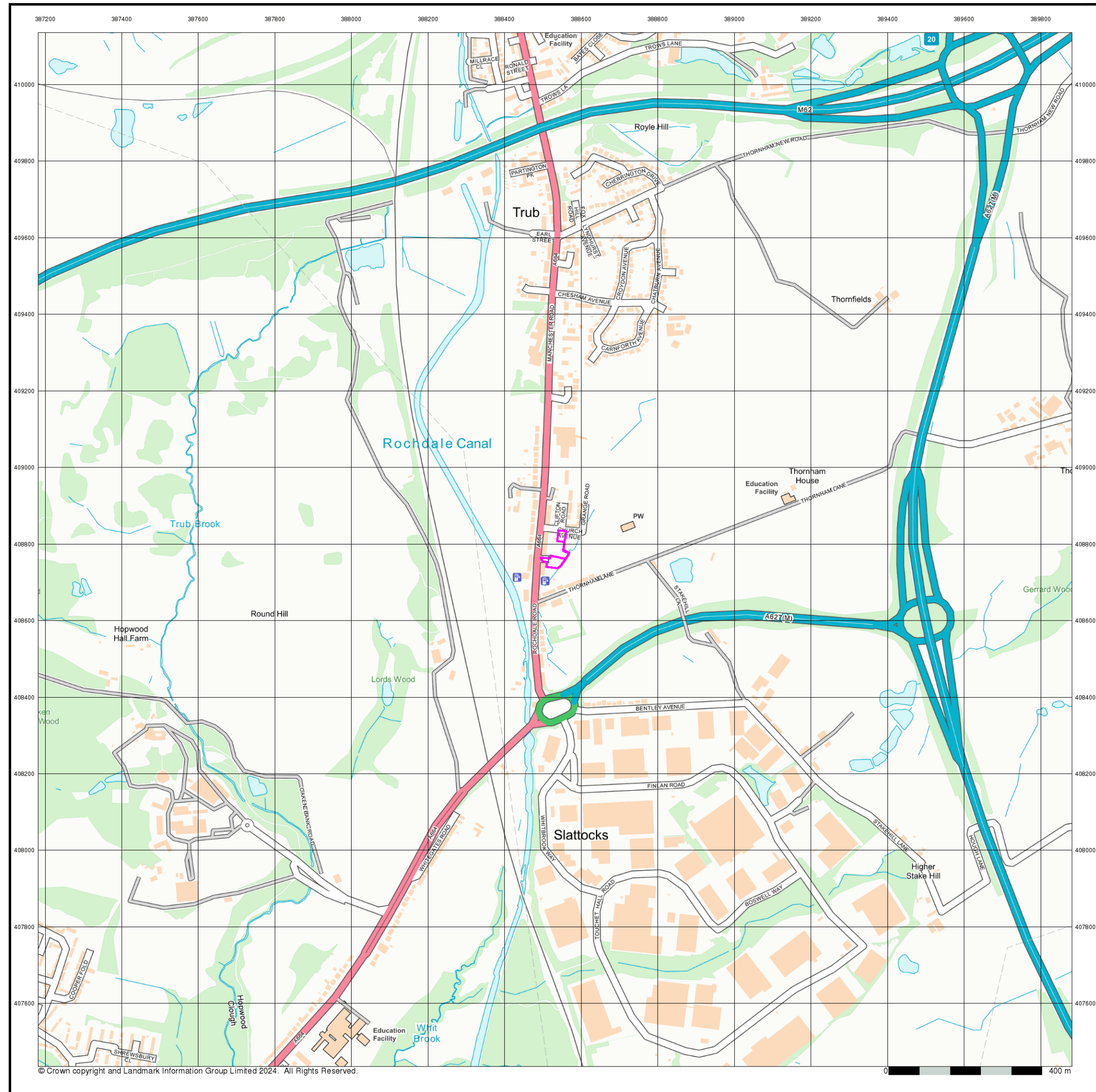
SD81SE	1999	1:10,000
SD80NE	1999	1:10,000

Historical Map - Slice A



Order Details
Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 1000

Site Details
Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB



Street View
Published 2024
Source map scale - 1:10,000
Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)

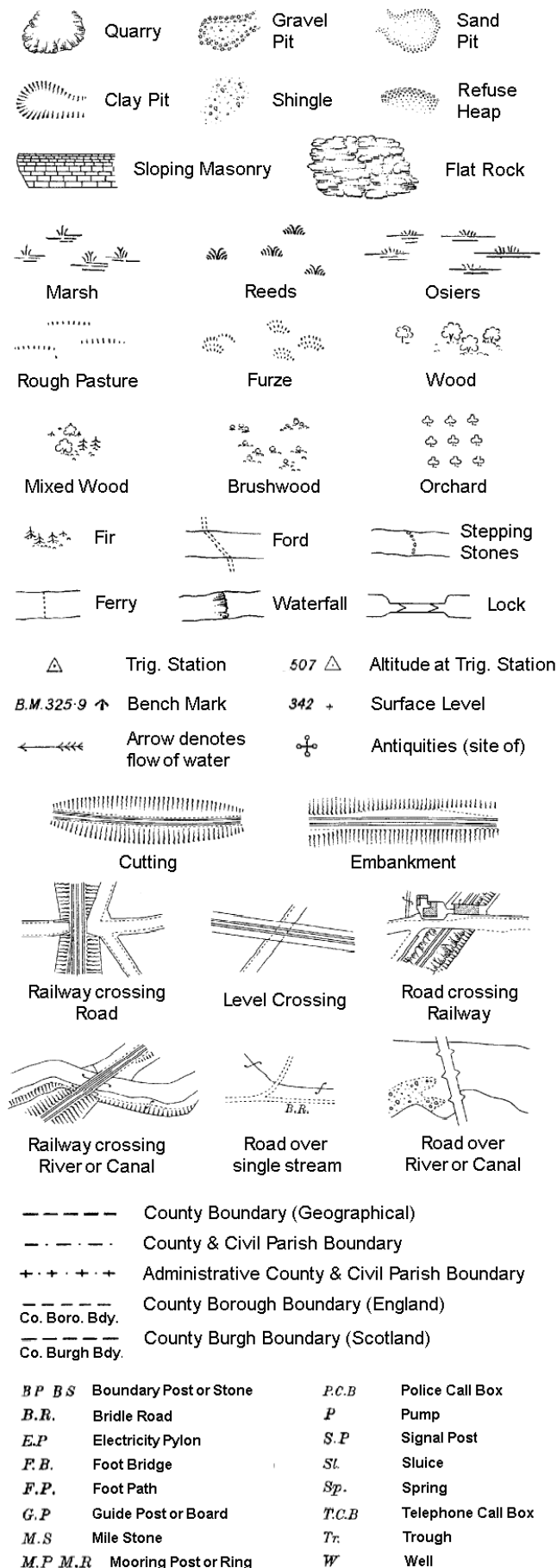
Street View Map - Slice A

Order Details	
Order Number:	354163179_1_1
Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
Search Buffer (m):	1000

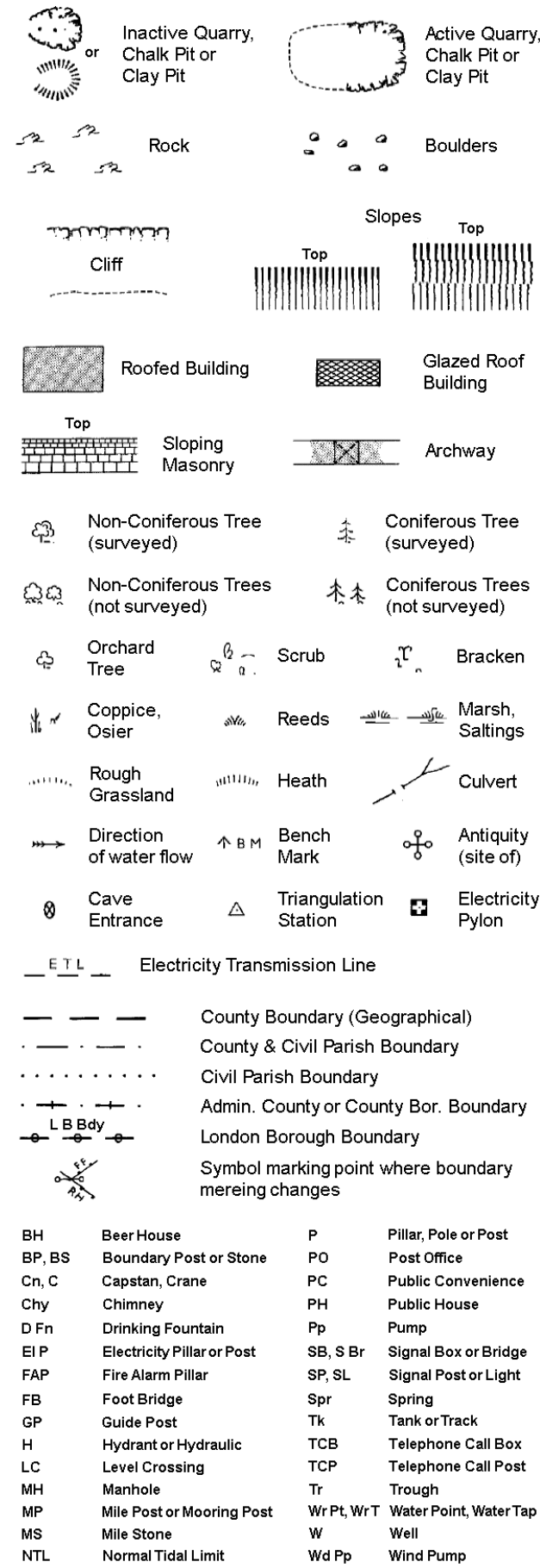
Site Details
Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB

Historical Mapping Legends

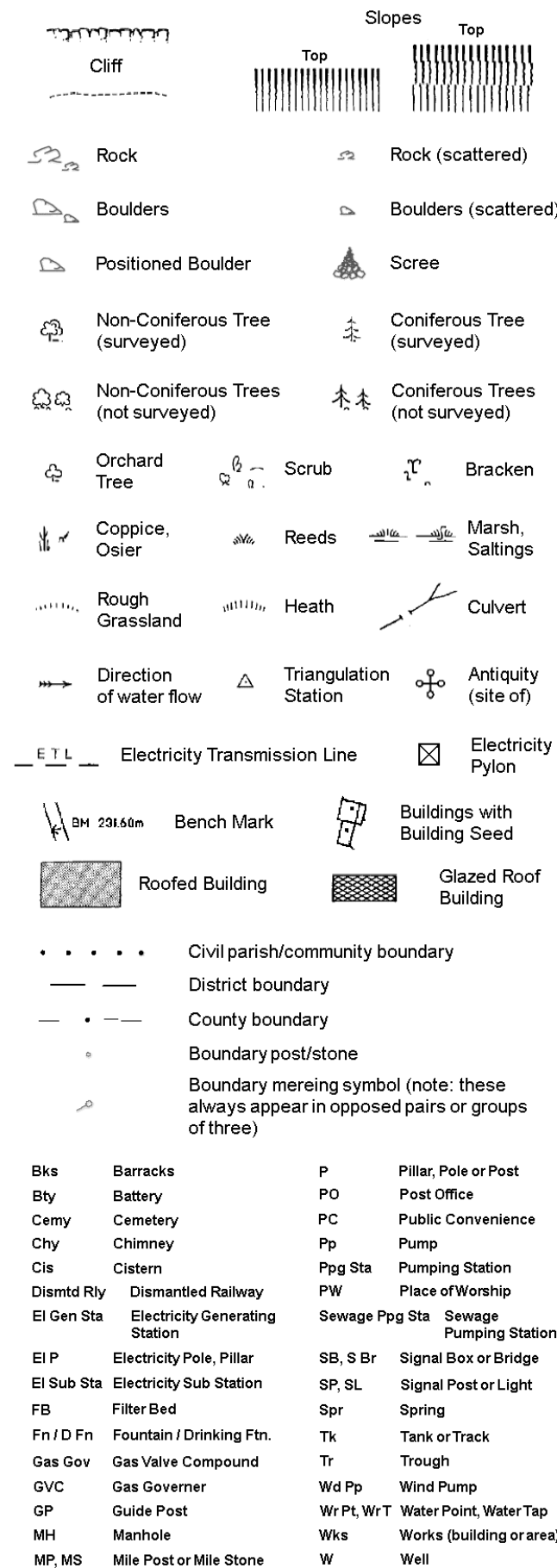
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



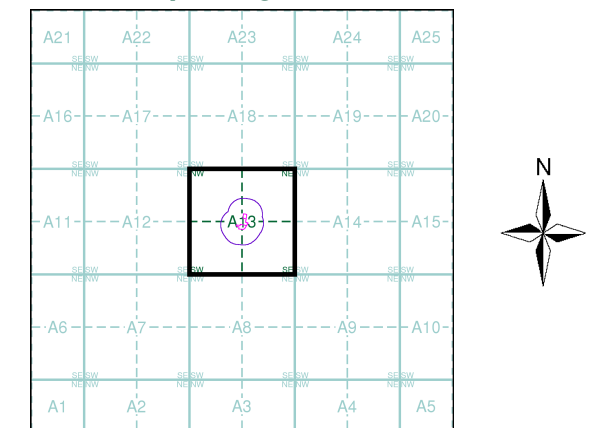
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1910	3
Lancashire And Furness	1:2,500	1929	4
Lancashire And Furness	1:2,500	1939	5
Ordnance Survey Plan	1:1,250	1954 - 1956	6
Ordnance Survey Plan	1:2,500	1955 - 1956	7
Additional SIMs	1:1,250	1978 - 1992	8
Ordnance Survey Plan	1:1,250	1979 - 1981	9
Additional SIMs	1:1,250	1982	10
Large-Scale National Grid Data	1:1,250	1992	11

Historical Map - Segment A13

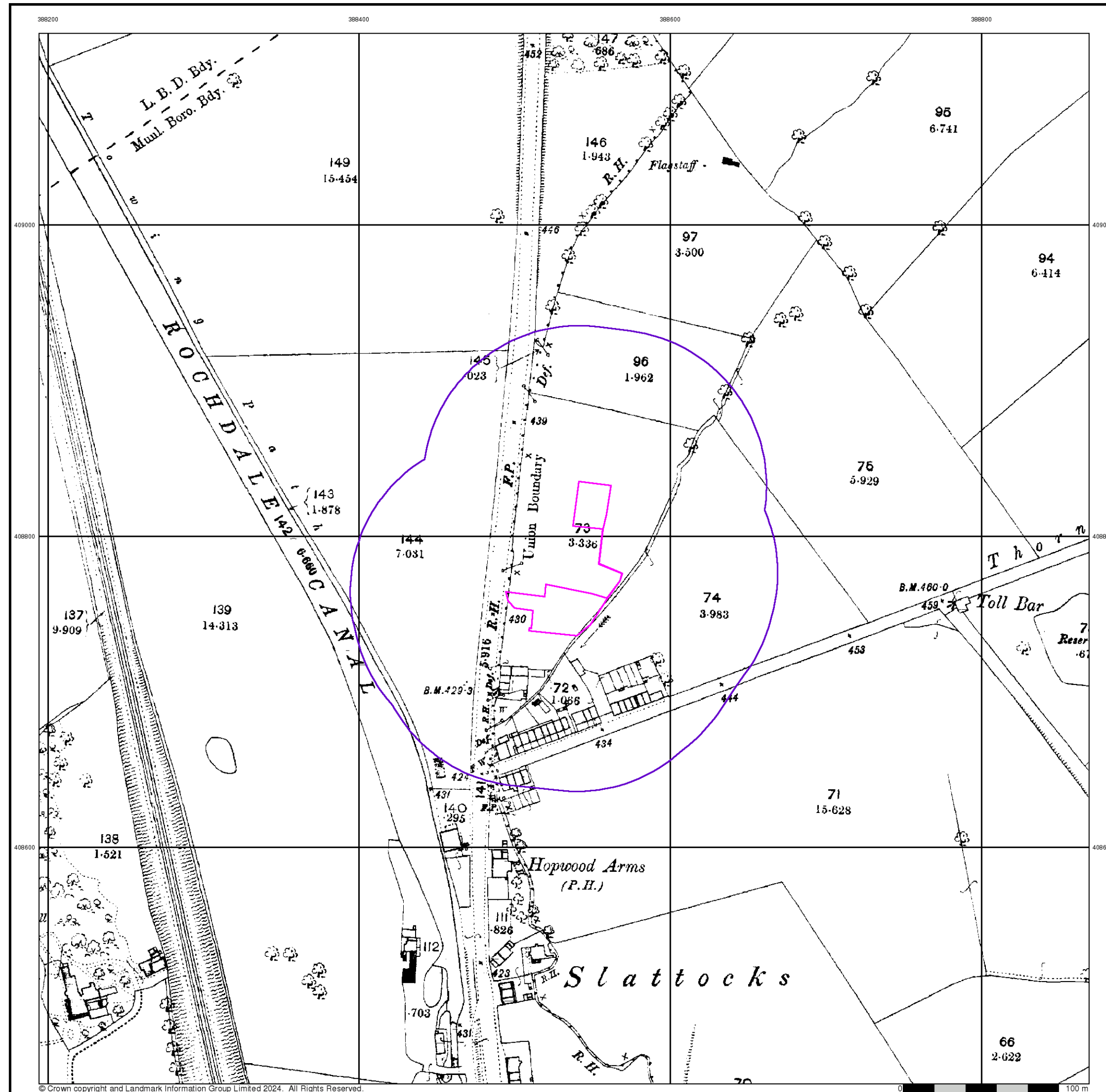


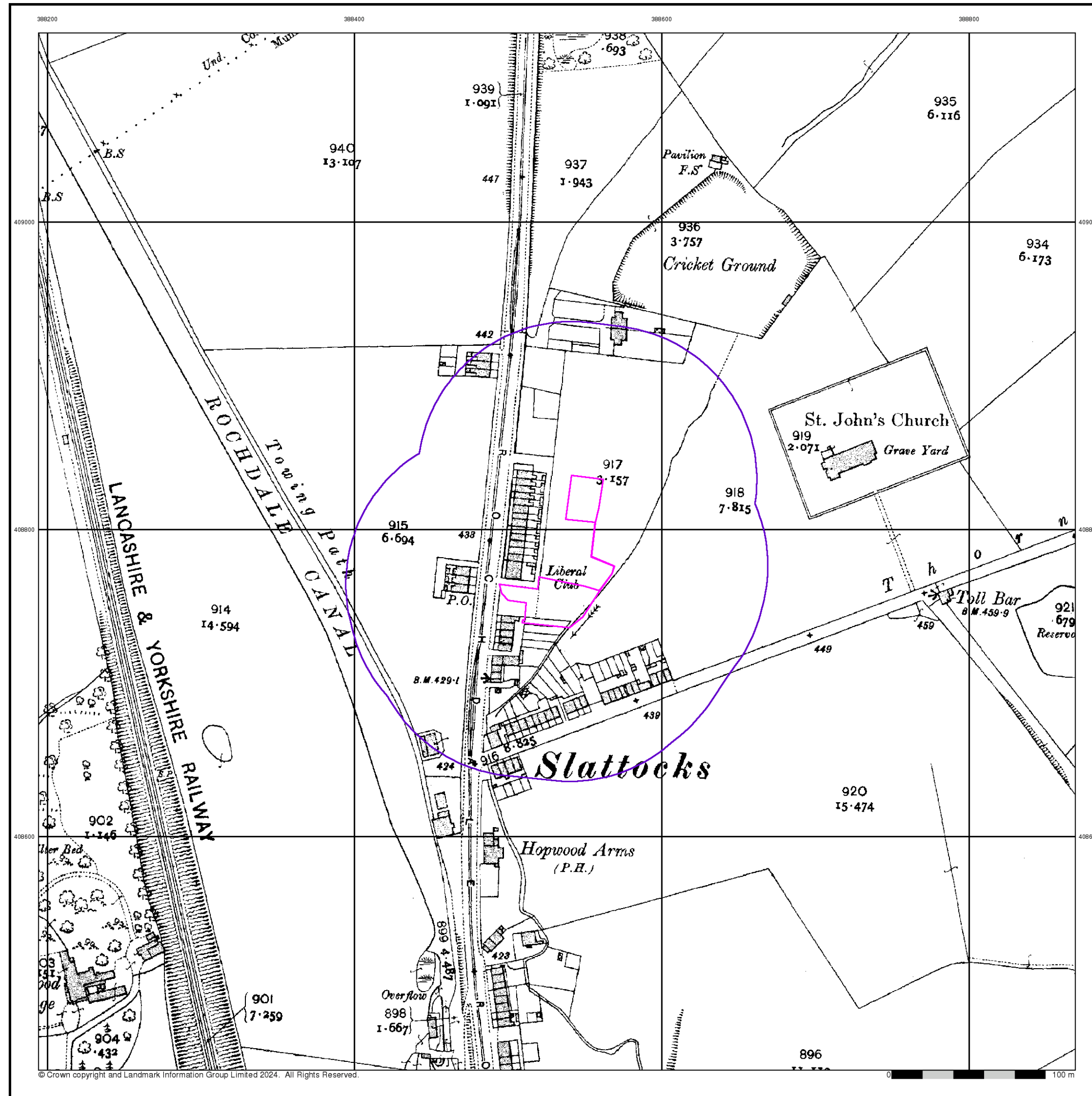
Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton,
MANCHESTER, M24 2RB





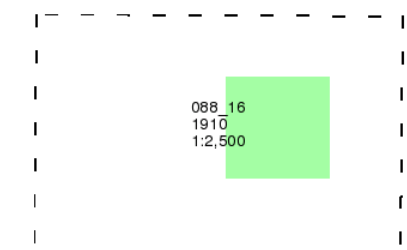
Lancashire And Furness

Published 1910

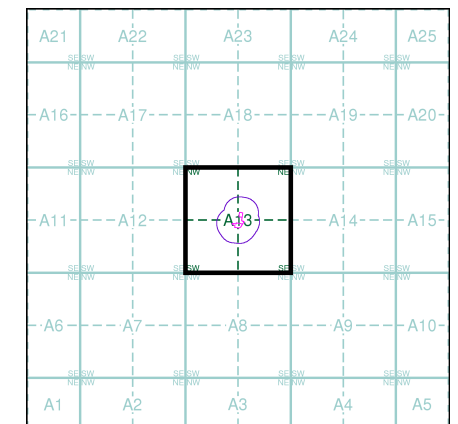
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

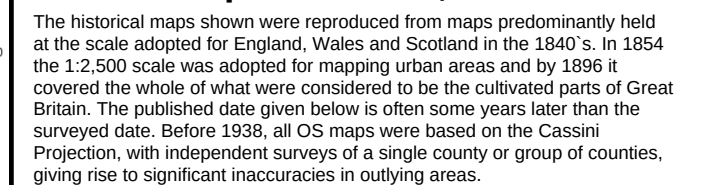


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton,
MANCHESTER, M24 2RB

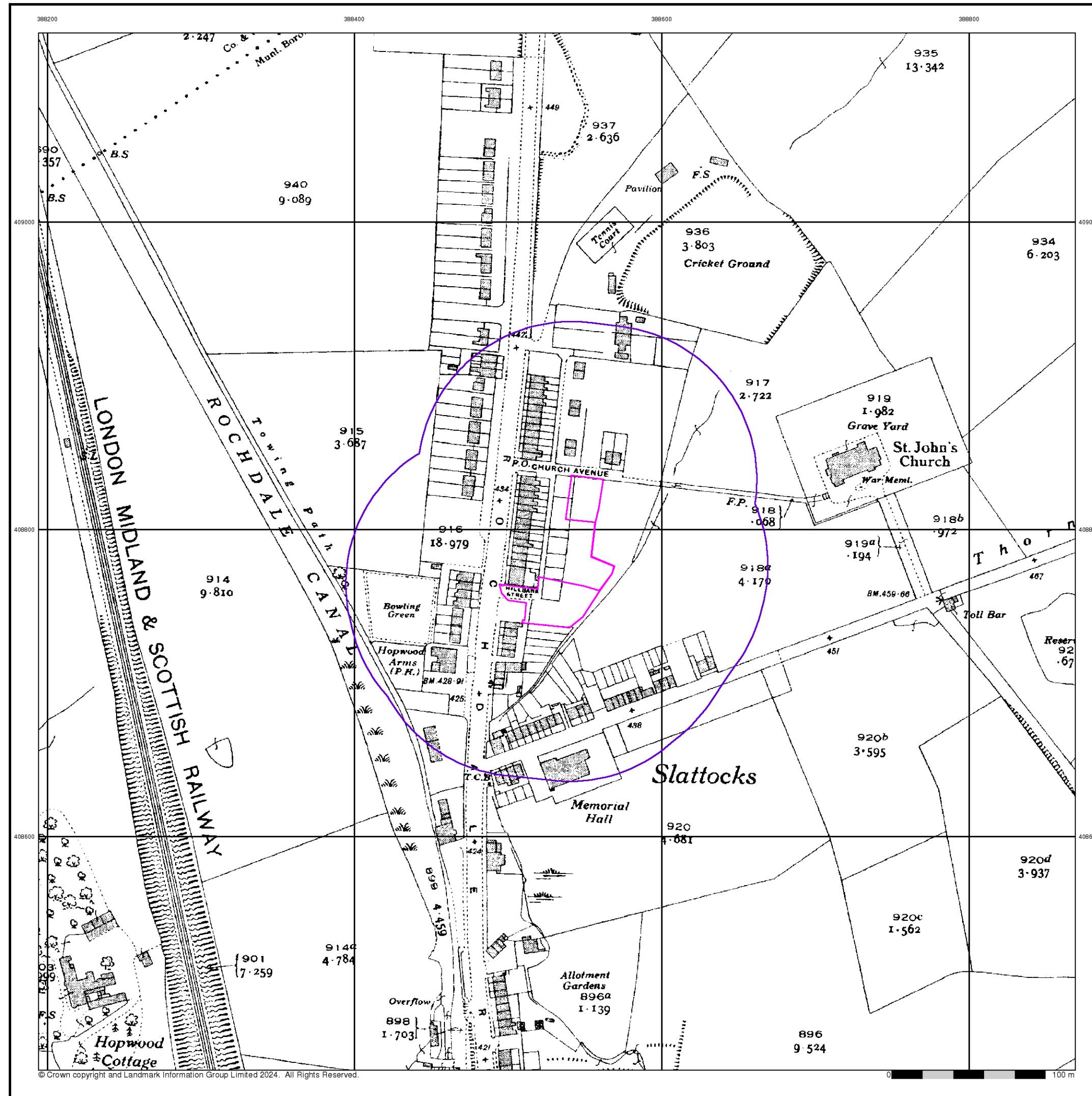


A 5x5 grid of points labeled A1 through A25. A 3x3 square region is highlighted in the center, with its center point A13 circled in purple. The grid is labeled with column indices A1-A5 at the bottom and row indices A6-A10 on the left. Each cell contains a label (e.g., A11, A12) and a small 'RFOW' label below it.

Order Number:	354163179_1_1
Customer Ref:	81844
National Grid Reference:	388540, 408780
Slice:	A
Site Area (Ha):	0.19
Search Buffer (m):	100

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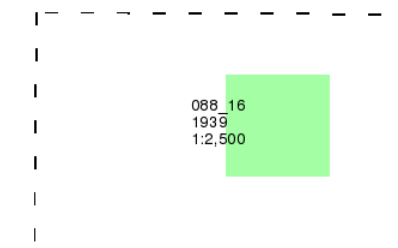
Lancashire And Furness

Published 1939

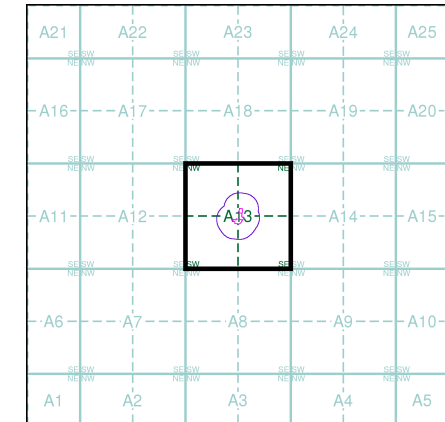
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

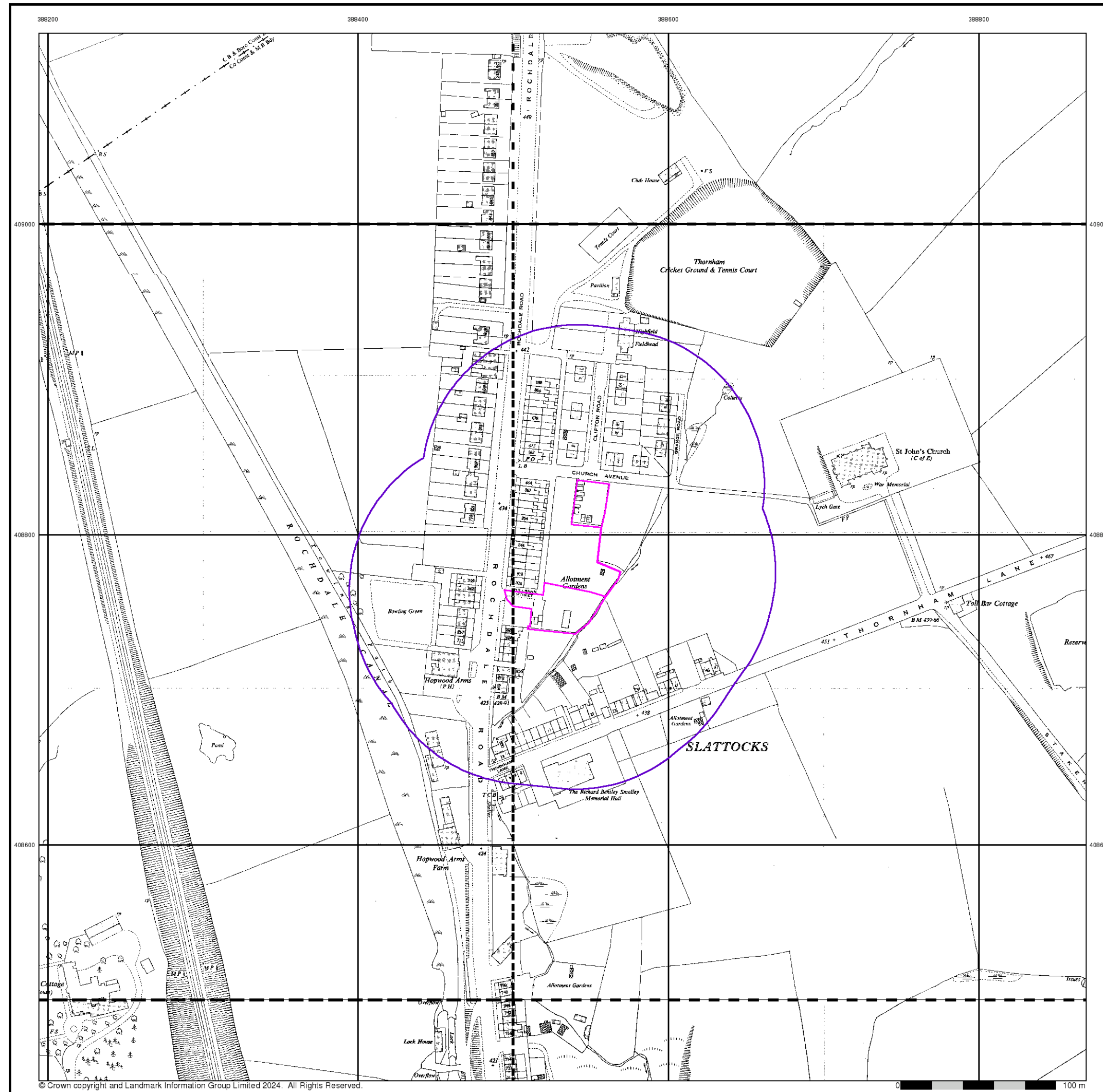


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

Land adjacent to Rochdale Road at Hillbank Street, Middleton, MANCHESTER, M24 2RB

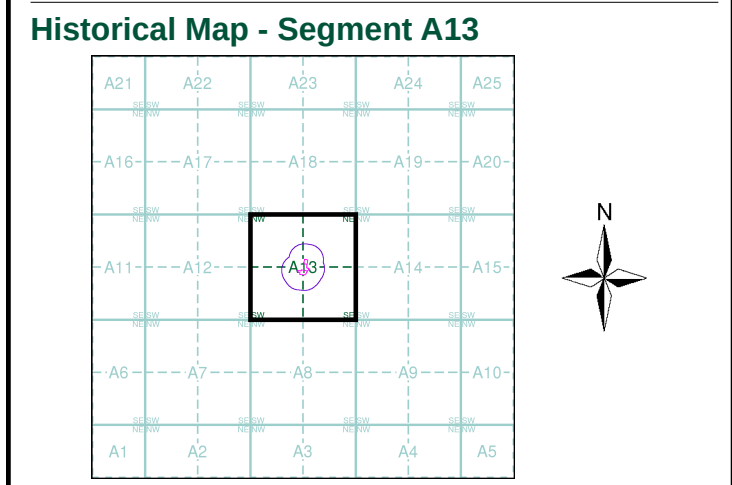


Ordnance Survey Plan
Published 1954 - 1956
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

iD8809SVSD8809SE	iD8809SVSD8809SE
956	1956
1:1,250	1:1,250
iD8808NVSD8808NE	iD8808NVSD8808NE
954	1954
1:1,250	1:1,250
iD8808SVSD8808SE	iD8808SVSD8808SE
954	1954
1:1,250	1:1,250

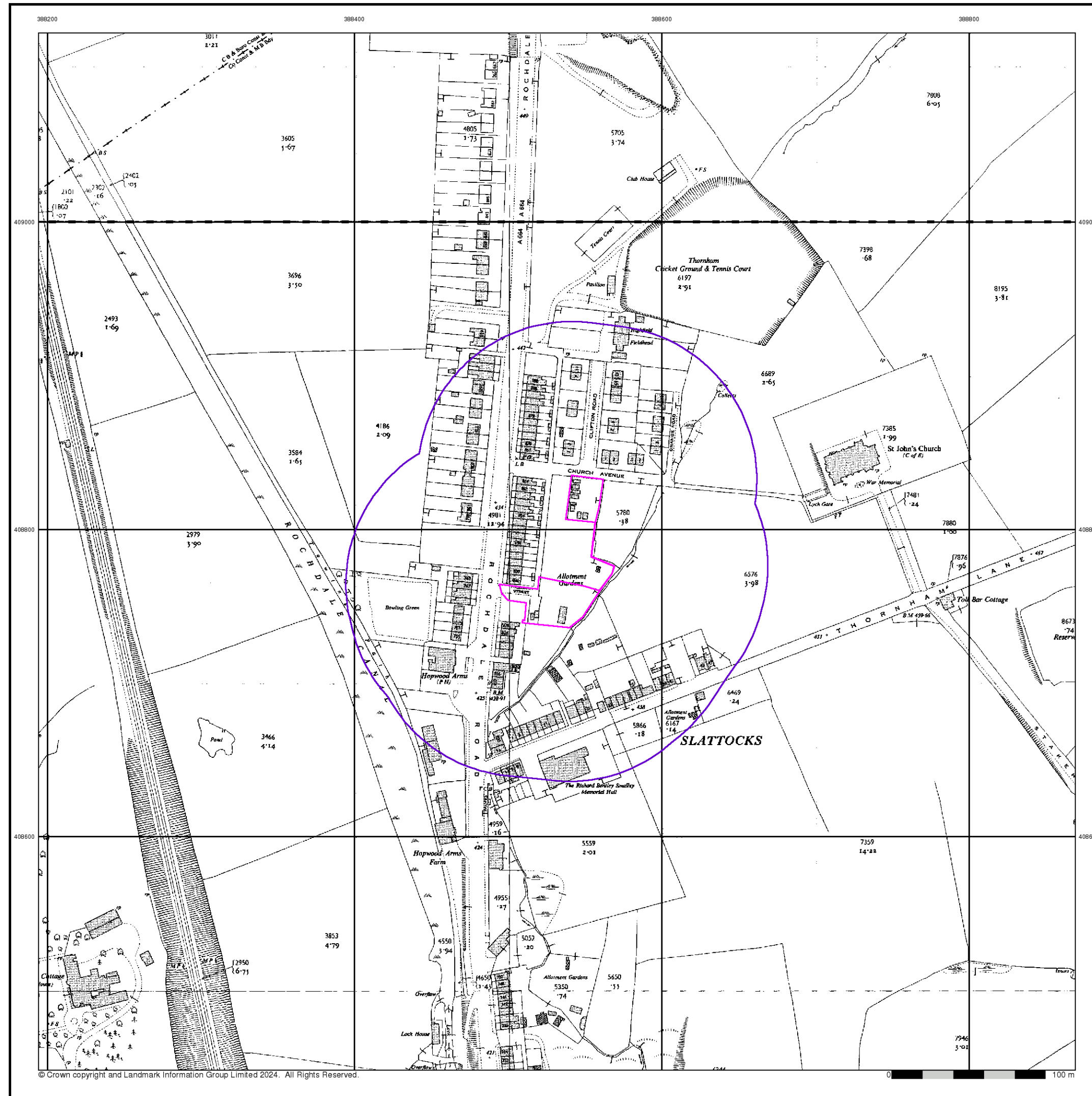


Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1955 - 1956

Source map scale - 1:2,500

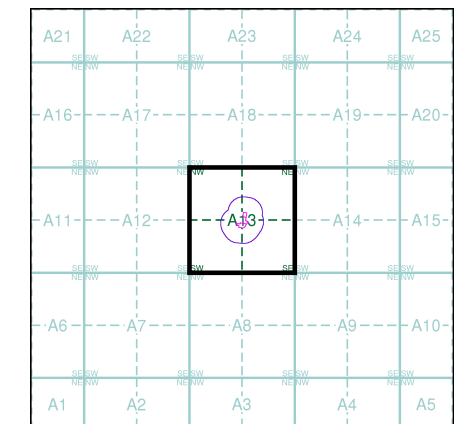
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SD8809
1956
1:2,500

SD8808
1955
1:2,500

Historical Map - Segment A13



Order Details

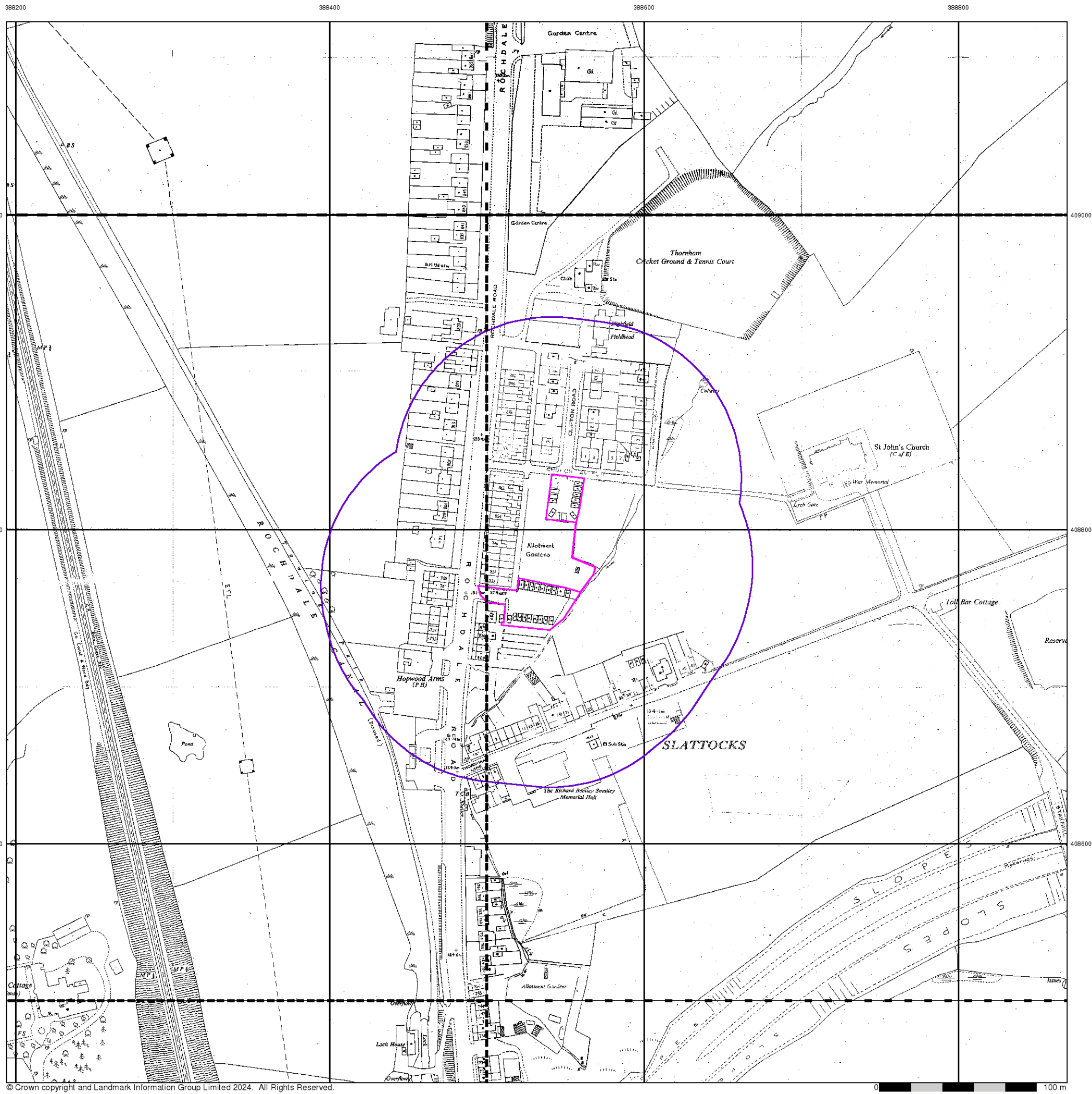
Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

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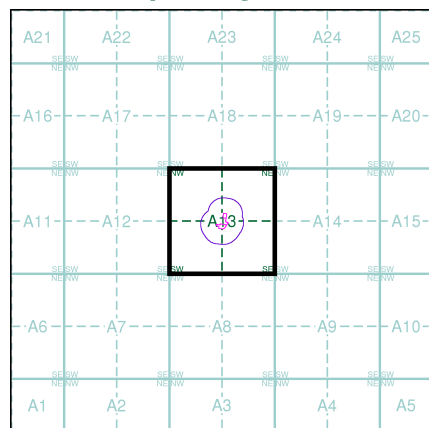
Additional SIMs
Published 1978 - 1992
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

ID8809SVSD8809SE	
992	1989
1:1,250	1:1,250
ID8808NVSD8808NE	
984	1978
1:1,250	1:1,250
ID8808SVSD8808SE	
984	1978
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

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388200

388400

388600

388800



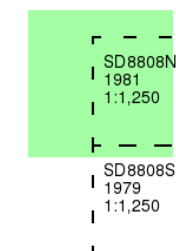
Ordnance Survey Plan

Published 1979 - 1981

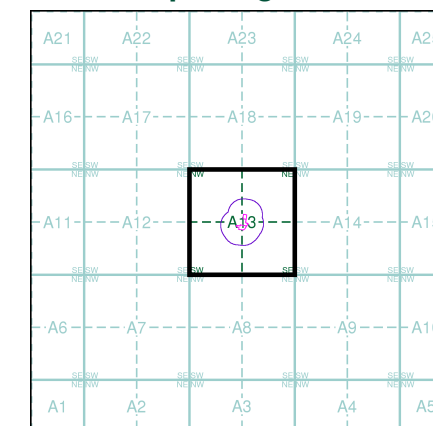
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

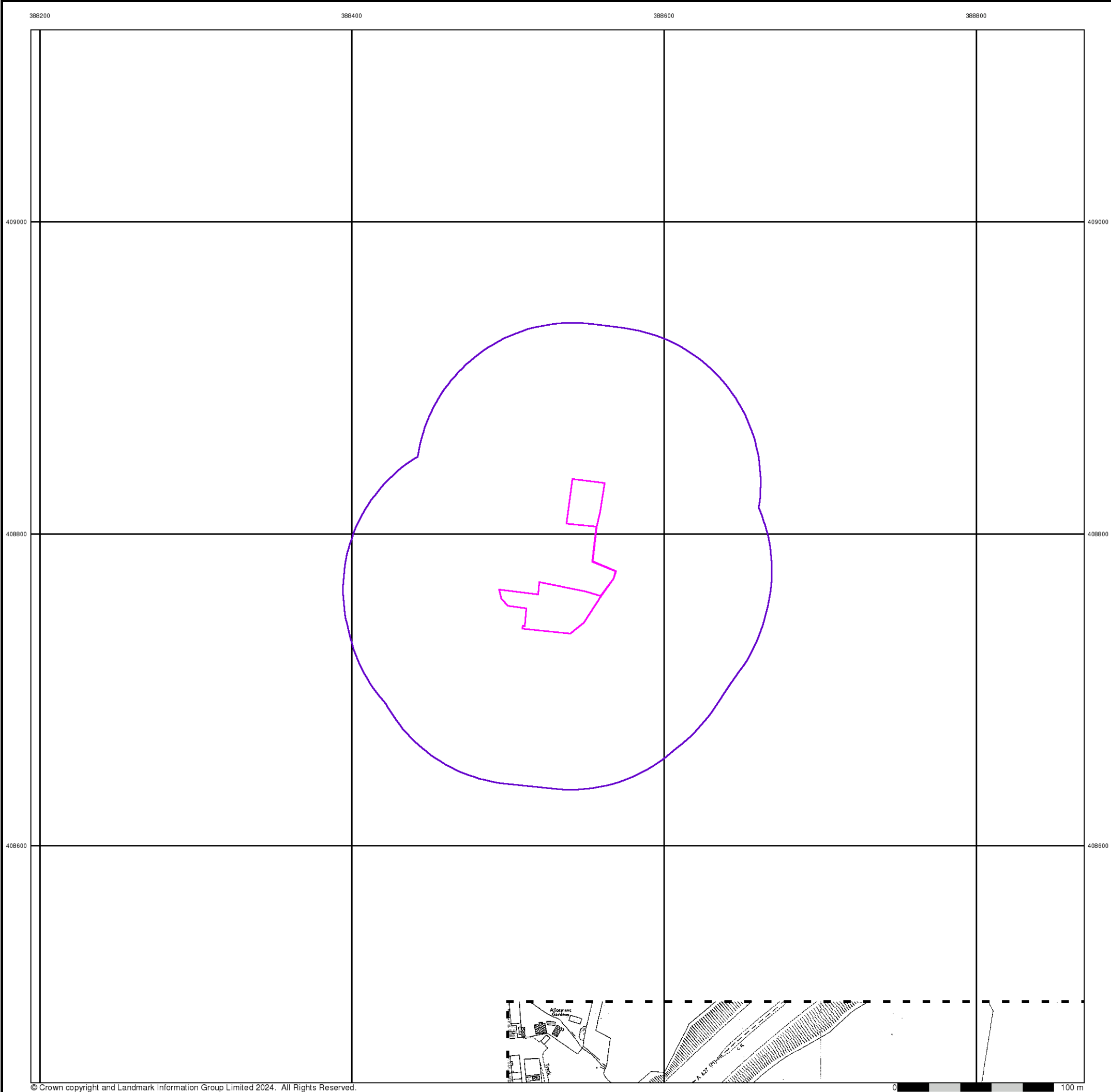
Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1982

Source map scale - 1:1,250

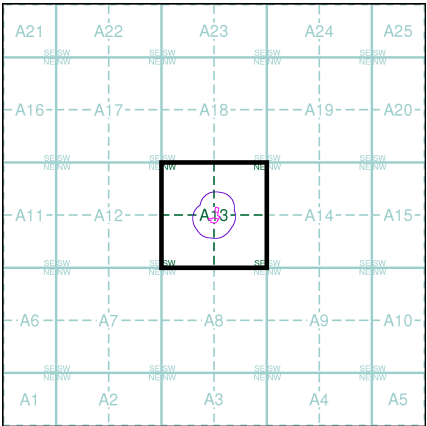
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



SD8808SE
1982
1:1,250

Historical Map - Segment A13



Order Details

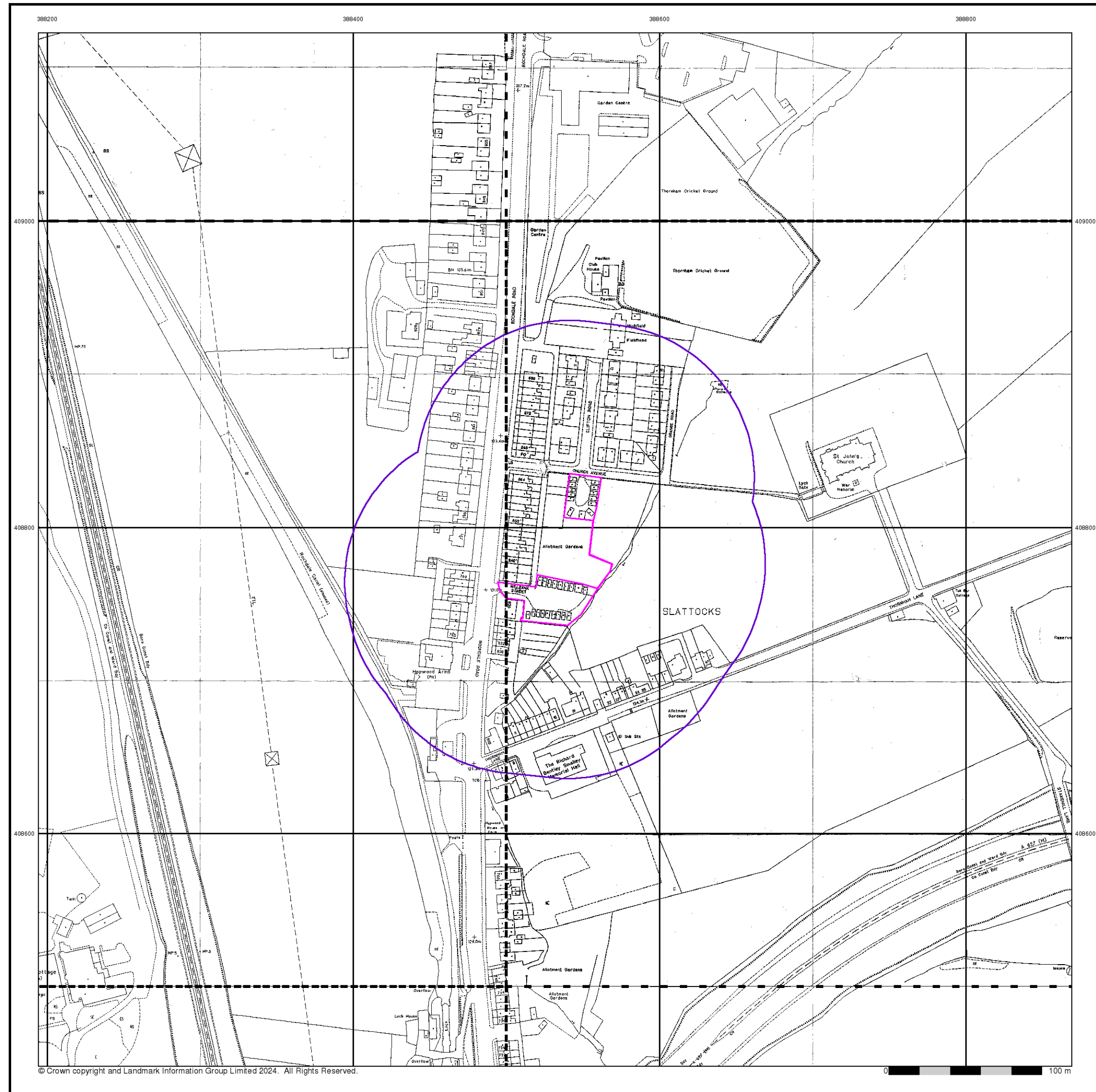
Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details

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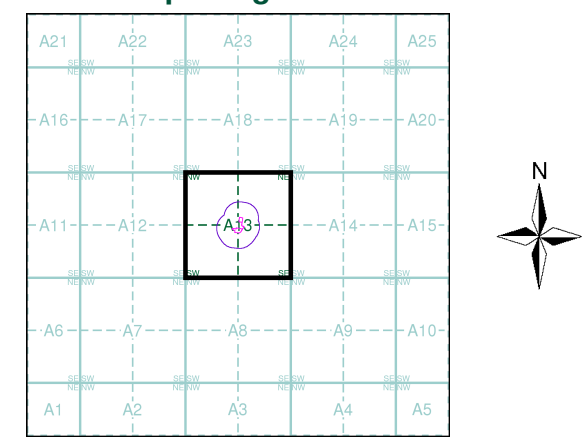
Large-Scale National Grid Data
Published 1992
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

ID8809SV	ID8809SE
992	992
1:1,250	1:1,250
ID8808NV	ID8808NE
992	992
1:1,250	1:1,250
ID8808SV	ID8808SE
992	992
1:1,250	1:1,250

Historical Map - Segment A13



Order Details
Order Number: 354163179_1_1
Customer Ref: 81844
National Grid Reference: 388540, 408780
Slice: A
Site Area (Ha): 0.19
Search Buffer (m): 100

Site Details
Land adjacent to Rochdale Road at Hillbank Street, Middleton,
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