

EnviroSmart



Phase 1 Contaminated Land Assessment

Site address

Land opposite 11-15 New Road
Rochdale
OL15 8XL

Date issued

July 2023

Report status

Final

Grid Reference

392620, 415950

Site Area

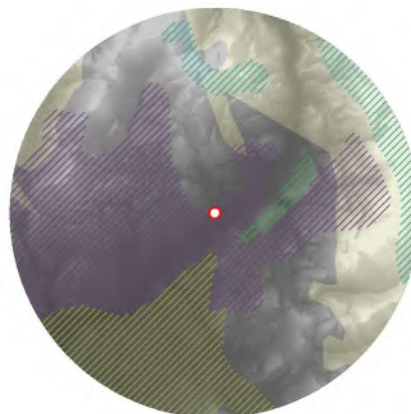
0.01 ha

Report prepared for

Dario Santini

Report reference

79954R1



Risk – Moderate/Low

Given the known history of the Site and surrounding land uses, it is considered possible that significant contamination is present within the sub-surface. However, given that the proposed development comprises hardstanding across the entire Site, the preliminary risk assessment suggests that the risks posed by in situ land quality to human health is therefore likely to be low/moderate.

It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities will likely be sufficient.

A Moderate ground gas risk has been identified associated with the Site being located within a Development High Risk Coal Mining area, due to this it is recommended that the coal mining risk is investigated further.

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Report check & review

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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

The Site is currently undeveloped, development proposals comprise the construction of a new residential dwelling. No softstanding is proposed on Site.

Environmental Setting

The underlying superficial geology consists of Devensian Till which is classified as a Secondary (undifferentiated) Aquifer and the bedrock geology consists of Penine Lower Coal Measures which is classified as a Secondary (A) Aquifer.

The nearest water feature is the unnamed ditch, located c. 60m south west of the Site boundary.

There are no environmentally sensitive land uses within 500 m of the Site.

Site History

According to historic mapped a building was constructed on Site by 1930, and demolished by 1960. Neighbouring historical land uses include industrial land (including woollen mills and works), residential land and a cemetery.

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

The Site is located within a Coal Authority Development High Risk Area and given the potential for worked coal seams beneath the Site, mine gas and ground stability/coal mining risk assessments should be considered as part of the redevelopment plans.

Summary of Conceptual Site Model (CSM)

Source of Contamination

Potential for inorganic and organic contaminants and asbestos containing materials within the subsurface soils. Potential for elevated methane and carbon dioxide to be present within the sub-surface soils.

Receptors

Human Health

Human Health (pathway)

Ingress into water supply pipework and subsequent water ingestion. Migration of vapours to surface; inhalation indoors. Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation or an explosion.

Preliminary Risk Assessment

Given the known history of the Site and surrounding land uses, it is considered possible that significant contamination is present within the sub-surface. However, given that the proposed development comprises hardstanding across the entire Site, the preliminary risk assessment suggests that the risks posed by in situ land quality to human health is therefore likely to be moderate/low.

A separate recommendation relating to the Moderate ground gas risk associated with being located within a Development High Risk Coal Mining area is included below

Recommendations / Next Steps

No immediate action but observe a watching brief

It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities will likely be sufficient.

Coal Mining Risk

Given that the Site is located within an area which may be affected by coal mining activity it is recommended that this risk is investigated further.

1. Introduction



1.1 Background

The study site (from herein known as 'the Site') is situated at Land opposite 11-15 New Road in Rochdale, OL15 8XL. 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 Dario Santini in July 2023 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 Site is currently undeveloped, development proposals comprise the construction of a new residential dwelling. No softstanding is proposed on Site.

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:

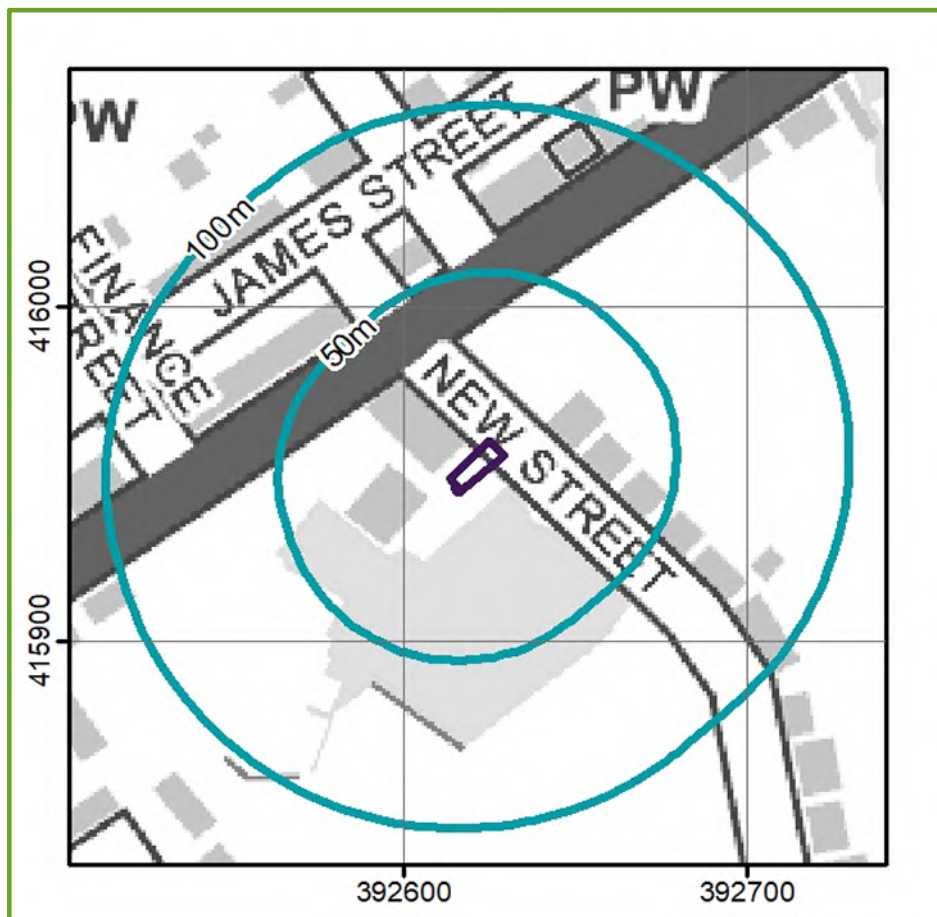
Section	Content	Purpose
Section 2: LAND QUALITY ASSESSMENT	A summary of the site history and environmental setting, the findings of the preliminary risk assessment and associated recommendations	To present a clear and concise overview of the land quality issues facing the Site, including recommendations 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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BlueSky copyright and database rights 2023

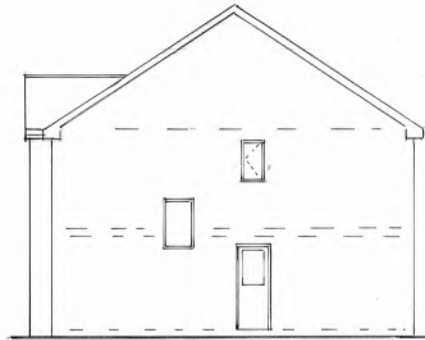
1.6 Proposed Site development plans



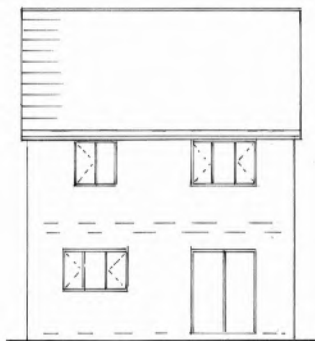
1.6 Proposed Site development plans



FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION



SIDE ELEVATION

BUILDING DESIGN SERVICES		
M. FAROOQ		
6 Stock Close, Shawclough, Rochdale OL12 6BB		
Tel: 01706 712231 Mob: 07967605763		
PROPOSED SINGLE DWELLING AT LAND ON		
NEW STREET DEARNLEY LITTLEBOROUGH		
OL15 8XL		
For: BURAQ DEVELOPMENT LTD		
Elevation	Scale 1:100	1702/2

2. Land quality assessment



2.1 Site details

Site name:	Land opposite 11-15 New Road	Current land cover:	100% unmanaged hardstanding (gravel). See photographs 1-3 in section 3.2.
Current use:	Undeveloped land		
Proposed use:	Residential	Site area:	0.01 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				
	1851	Site undeveloped.	Dearnley woollen mill mapped c. 10m west of the Site. Residential dwellings mapped c. 45m north. Surface water feature (confirmed to be a reservoir in later mapping) mapped c. 50m west. Stream mapped c. 90m south. Pond/surface water feature mapped c. 190m north west. Undefined (possibly agricultural) buildings mapped c. 215m north east. Cottage mapped c. 240m south.				
	1893	Small structure, mapped in the east of the Site. It is possible that the structure is an ancillary building of the nearby Mill.	Building associated with Dearnley woollen mill constructed adjacent to the south of the Site. Further residential development from c. 45m north along New Road. Secondary woollen mill mapped from c. 100m north, with associated reservoirs. Stubley Hall and ancillary buildings mapped c. 215m north east. Chimney mapped c. 160m north west. Reservoirs mapped from c. 190m north west.				
	1894	No discernible change on-Site.	No discernible change off-Site.		(continued)		

2.2 Conceptual understanding (potential sources of contamination)

 Site history (historical land use taken within 250m radius of the Site boundary)	Date	Description of land use	
		On-Site	Off-Site
	1910	No discernible change on-Site.	Dearnley mill mapped to be a 'bleaching, dyeing etc mill'. Saw mill mapped c. 100m north. Tanks mapped c. 115m north. Cemetery mapped c. 170m north west.
	1911	No discernible change on-Site.	Tanks mapped c. 45m south.
	1930	Undefined building constructed in the centre of the Site.	Embankment/area of raised ground mapped from c. 20m north east. Pit mapped c. 20m south of the Site, associated with Dearnley Mill. (Assumed) industrial development c. 25m east. Residential development c. 90m south east and c. 230m south west. Secondary saw mill mapped c. 100m north. Allotments and gardens mapped from c. 100m south.
	1932	No discernible change on-Site.	No discernible change off-Site.
	1937-1938	No discernible change on-Site.	No discernible change off-Site.
	1938	No discernible change on-Site.	No discernible change off-Site.
	1956	No discernible change on-Site.	No discernible change off-Site.
	1960	Building demolished on Site.	Small structure mapped c. 35m north. Allotments mapped c. 100m north west. Works mapped c. 120m north east. Dearnley Mill no longer mapped c. 10m west of the Site.
1961	No discernible change on-Site.	No discernible change off-Site.	
POTENTIAL SOURCES OF CONTAMINATION			
Source description			
(continued) Infilled ponds/reservoirs: Made Ground associated with former infilling activities. Any Made Ground/fill materials may contain a variety of inorganic and organic contaminants and could give rise to the generation of bulk gases and also leachate. Cemetery: Whilst the presence of a cemetery in the vicinity of the Site could give rise to anthropogenic sources of environmental contamination which could impact the underlying groundwater as the feature is located c.170m from the Site the risk is considered to be limited. Therefore, this has not been carried forward to the risk assessment. Electricity substation: Potential for Polychlorinated Biphenyls (PCB) contamination to have occurred.			
LOW LIKELIHOOD			
PROBABILITY OF CONTAMINATION			

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				
	1967-1968	No discernible change on-Site.	No discernible change off-Site.				
	1978-1979	No discernible change on-Site.	Further residential development from c. 115m south west and c. 200m north east. Buildings demolished c. 150m west.				
	1978-1984	No discernible change on-Site.	Hotel mapped c. 10m north. Electricity sub station mapped c. 35m north in an existing structure (constructed in 1960). Timber works mapped c. 90m north. Saw mills no longer mapped c. 100m north. Pit no longer mapped c. 25m south of the Site (likely infilled).				
	1987-1988	No discernible change on-Site.	(Assumed) industrial buildings demolished c. 25m east. Undefined buildings constructed c. 45m east.				
	1990	No discernible change on-Site.	No discernible change off-Site.				
	1992	No discernible change on-Site.	Works mapped c. 150m north.				
	1999	No discernible change on-Site.	Reservoirs no longer mapped c. 50m west (likely infilled). Hotel mapped c. 125m north east in the location of Stubley Hall.				
	2017 (aerial mapping)	No discernible change on-Site.	Shed/outbuilding mapped adjacent to the south eastern boundary of the Site. Photographs included in section 3.2 confirm that the current contents of the shed are unlikely to give rise to any significant sources of contamination. Reservoirs no longer mapped from c. 190m north west (likely infilled). Surface water feature/reservoir mapped c. 140m south.				

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				
	2023	No discernible change on-Site.	No discernible change off-Site.		As above		

2.2 Conceptual understanding (potential sources of contamination)

 Current land use	The Site is currently undeveloped land. There are no known buried storage tanks at the Site. There is no known bulk fuel or chemical storage on Site.			POTENTIAL SOURCES OF CONTAMINATION	The Site's current use is unlikely to have given rise to significant land contamination.	UNLIKELY																																																									
 Neighbouring industrial land uses <i>(see environmental data report in Section 3.3 for full listing)</i>	There are one or more potentially contaminative land uses are located within 250 m of the Site: <table><thead><tr><th>Distance from Site</th><th>Number of active industrial land uses</th><th>Number of inactive industrial land uses</th></tr></thead><tbody><tr><td>1 - 50 m</td><td>0</td><td>1</td></tr><tr><td>51 - 100m</td><td>0</td><td>1</td></tr><tr><td>101 - 250 m</td><td>1</td><td>4</td></tr></tbody></table> <table><thead><tr><th>Nr</th><th>Nearest distance</th><th>Land use / permitted activity / authorisation</th></tr></thead><tbody><tr><td>0</td><td>NA</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>0</td><td>NA</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></tbody></table>				Distance from Site	Number of active industrial land uses	Number of inactive industrial land uses	1 - 50 m	0	1	51 - 100m	0	1	101 - 250 m	1	4	Nr	Nearest distance	Land use / permitted activity / authorisation	0	NA	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	0	NA	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. Active contemporary trade directory entries: -Brookfield Engineering Co (general engineers) c. 135m north east.	LOW LIKELIHOOD
Distance from Site	Number of active industrial land uses	Number of inactive industrial land uses																																																													
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2.2 Conceptual understanding (potential sources of contamination)

 EA recorded pollution incidents <i>(see environmental data report in Section 3.3 for full listing)</i>	No Environment Agency pollution incidents have been recorded within 250 m of the Site.	POTENTIAL SOURCES OF CONTAMINATION	No potential for gross contamination has been identified in relation to any pollution incidents occurring near to the Site.	NEGLECTIBLE	PROBABILITY OF CONTAMINATION
 Landfills / waste sites <i>(taken within 500m radius of the Site boundary, see environmental data report in Section 3.3 for full listing)</i>	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: New Street/Land At Stubley Mill Road landfill site c. 185m south. Received deposited waste (including inert waste) between 1988 and 1990. There are one or more registered landfills located within 500 m of the Site. These include: New Street / Stubley Mill Road, Littleborough, Lancashire landfill site c. 225m south. Dated: 1st March 1988. Authorised waste: "ceramic material, Constr'N industrial waste containing only: fibreglass, glass, metals, plastics, similar non leachate forming materials, soil, clay, sand, stone, brick, concrete, slate and wood. Status: license lapsed/cancelled/defunct etc. 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.		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. Given the absence of any waste treatment, transfer or disposal sites within close proximity of the Site no associated contamination hazards have been identified.	LOW LIKELIHOOD	

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 diamicton and is classified as a Secondary (undifferentiated) Aquifer. British Geological Survey mapping indicates that the bedrock geology consists of Penine Lower Coal Measures (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, 2023). The risk of groundwater flooding at the Site is 'negligible'. The Site does not lie within a groundwater Source Protection Zone (SPZ). The following groundwater abstraction licences are held within 1 km of the Site: Nwwa Eastern Division groundwater abstraction (public water supply) c. 845m north east. Dates: unsupplied.	POTENTIAL RECEPTORS	A Secondary (Undifferentiated) Aquifer is assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type. 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 presence of one or more groundwater abstraction licences within close proximity of the Site indicates a reasonable groundwater resource potential.	MEDIUM POTENTIAL SEVERITY OF IMPACT
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Superficial Geology (BGS, 2023)



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Bedrock Geology (BGS, 2023)



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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 and is in a 'Development High Risk Area', also known as 'CON29M Coal and Brine Consultation Area'. There are no brine affected areas within 75 m of the Site. The following 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	Given the potential for worked coal seams beneath the Site, mine gas and ground stability/coal mining risk assessments should be considered as part of the redevelopment plans. The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues. -Newroad opencast mineral site (sandstone) c. 345m west. -Inconclusive coal mining has been identified on Site. BGS GeoIndex Onshore mapping does not have any artificial deposits recorded at the Site.	MEDIUM	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 ditch, located c. 60m south west of the Site 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: Boro Candlewick Textiles Ltd c. 400m east. Surface water abstraction (unspecified type). Falcon Trunking Systems Ltd c. 475m east. Surface water abstraction (unspecified type). Azlo Nobel Chemicals Ltd c. 830m east. Surface water abstraction (from a single point). Various dates. Nwwa Eastern Division c. 845m north east. Surface	POTENTIAL RECEPTORS	Given the distance from the Site and the nature of the local geology, the sensitivity of local surface waters is judged to be low.	MILD	POTENTIAL SEVERITY OF IMPACT
 Environmental designations <i>(see the environmental data report in Section 3.3 for full details)</i>	There are no environmentally sensitive land uses within 500 m of the Site.		No relevant environmentally designated sites/receptors have been identified.	NEGLIGIBLE	
 Human receptors	Proposed residents/users of the Site plus neighbouring residences.		Human receptors are proposed to be present on Site.	SEVERE	

2.4 Regulator perspective

Consultation date	Jul-23	Rochdale Metropolitan Borough Council
GeoSmart consultant	Rebecca Conway	Contaminated land department
Consultation outcome	The Council did not respond to GeoSmart within the time frame of this report.	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site and off-Site sources								
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	UNLIKELY	LOW RISK	Whilst the neighbouring land uses and potentially the Site itself was used in an industrial capacity historically, this may have given rise to inorganic and low volatility organic contaminants in the subsurface soils. However, it is noted that the proposed development is comprised of 100% hardstanding. Therefore, no routine exposure to any subsurface contamination is considered likely. However, it would be prudent to ensure any new water supply was installed in clean fill trenches utilising barrier pipework as a precaution.
2		Consumption of home grown produce	HH		MEDIUM	UNLIKELY	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.
5		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Devensian Till (a Secondary (undifferentiated) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The underlying superficial geology (till) is likely to offer some protection to the underlying groundwater.
6		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Penine Lower Coal Measures (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site and off-Site sources								
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 ditch (c. 60m south west)	MEDIUM	UNLIKELY	LOW RISK	The underlying superficial geology (till) is likely to offer some protection to the underlying groundwater.
8		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
9	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	UNLIKELY	LOW RISK	Whilst the neighbouring land uses and potentially the Site itself was used in an industrial capacity historically, this may have given rise to volatile organic contaminants in the subsurface soils. However, it is noted that the proposed development is comprised of 100% hardstanding. Therefore, no routine exposure to any subsurface contamination is considered likely. However, it would be prudent to ensure any new water supply was installed in clean fill trenches utilising barrier pipework as a precaution.
10		Consumption of home grown produce	HH		MEDIUM	UNLIKELY	LOW RISK	
11		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
12		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the potentially industrial history of the Site and immediate surrounding area, it is considered possible that there has been bulk storage of fuels/underground storage historically, which in the event of leaks or spills could pose a vapour risk to future Site users. However, it is noted that the source mass associated with any volatile contaminants that were originally present on-Site may have been significantly reduced due to the effects of volatilisation and degradation over time as the mill was last mapped c. 63 years ago.
13		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
14		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.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
15	Potential for volatile organic contaminants to be present within the subsurface soils	Dissolution into pore water/shallow groundwater and subsequent migration	CW	Devensian Till (a Secondary (undifferentiated) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The underlying superficial geology (till) is likely to offer some protection to the underlying groundwater.
16		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Penine Lower Coal Measures (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	
17		Dissolution into pore water/shallow groundwater and subsequent migration	CW	unnamed ditch (c. 60m south west)	MEDIUM	UNLIKELY	LOW RISK	
18		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
19	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	As a building was present on Site between c. 1930 and 1960, asbestos-containing material may be present within the building fabric and surrounding subsoils. However, it is noted that the proposed development is comprised of 100% hardstanding. Therefore, no routine exposure to any subsurface contamination is considered likely.
20	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 (undifferentiated) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The underlying superficial geology (till) is likely to offer some protection to the underlying groundwater.
21		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Penine Lower Coal Measures (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	
22		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	unnamed ditch (c. 60m south west)	MEDIUM	UNLIKELY	LOW RISK	
24	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	LOW LIKELIHOOD	MODERATE RISK	Based on the prevailing conceptual understanding an appreciable on-Site gas source is considered unlikely. However, because the Site is located within a coal mining area, there is potential for there to be a gas risk which could impact future Site users. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
25		Lateral migration towards off-Site buildings; potential to cause an explosion	HH	Off-Site properties and their occupants	SEVERE	LOW LIKELIHOOD	MODERATE RISK	
26	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	LOW LIKELIHOOD	MODERATE RISK	
27		Lateral migration towards off-Site buildings; potential to cause asphyxiation	HH	Occupants of off-Site buildings	SEVERE	LOW LIKELIHOOD	MODERATE RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
28	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/m3).
	OVERALL RISK RATING						MODERATE/LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources Infilled pit c. 25m south Infilled ponds/reservoirs from c. 45m west								
29	Potential for both inorganic and volatile organic contaminants to be present within the subsurface soils	Lateral and vertical migration into on-Site buildings; potential to cause an explosion	III	Future Site occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	Made Ground associated with potential infilling of the nearby pit (c. 25m south) and reservoirs c. 45m and c.190m from the Site could have given rise to the generation of bulk gases and also leachate. However, it is noted that the reservoirs located c. 45m from the Site were infilled ~24 years ago and the pit was likely infilled more than 55 years ago, therefore a gas risk is considered to be limited. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
30		Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation	III		SEVERE	UNLIKELY	MODERATE/LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources New Street / Stubley Mill Road landfill site c. 225m south (receiving waste between 1988 and 1990)								
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	III	On-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	Given there is a landfill recorded within 250 m, there is the potential for gas generation which could impact the Site. However, it is noted that infilling ceased in ~ 1990 making the material in the ground approximately 33 years old. 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 risk classification is based upon the consequence as opposed to the likelihood of occurrence.
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	III	Occupants of on-Site buildings	SEVERE	UNLIKELY	MODERATE/LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources Electricity substation c. 35m north								
36	Potential contaminant: polychlorinated biphenyls (PCBs)	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	As an electrical sub station is located within the vicinity of the Site, there is potential for Polychlorinated Biphenyls (PCB) contamination to have occurred. However, the proposed development also comprises 100% hardstanding and due to this and the relatively low mobility of PCB contaminants, it is unlikely that future Site occupants would be impacted.
37		Consumption of home grown produce	HH		MEDIUM	UNLIKELY	LOW RISK	
38		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	UNLIKELY	LOW RISK	
39		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	UNLIKELY	LOW RISK	
40		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
	OVERALL RISK RATING						MODERATE/LOW RISK	

2.6 Next Steps

✓	No immediate action but observe a watching brief		Given the known history of the Site and surrounding land uses, it is considered possible that significant contamination is present within the sub-surface. However, given that the proposed development comprises hardstanding across the entire Site, the preliminary risk assessment suggests that the risks posed by in situ land quality to human health is therefore likely to be moderate/low. A separate recommendation relating to the Moderate ground gas risk associated with being located within a Development High Risk Coal Mining area is included below. It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities will likely be sufficient. The watching brief should be maintained throughout the entire development phase of works and any possible evidence of contamination encountered during the redevelopment works should be alerted to the Local Authority. Appropriate actions would then be required to further inspect, sample and analyse any suspect materials, and formulate an appropriate remediation plan, as necessary.
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2.7 Other recommendations

✓	Coal Mining Risk		Given that the Site is located within an area which may be affected by coal mining activity it is recommended that this risk is investigated further.
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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 opposite 11-15 New Road, Rochdale OL15 8PJ. REF: 314513940_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
3.6	Topography maps

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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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- 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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Commercial Director
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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, 2023. GeoIndex Onshore (<http://mapapps2.bgs.ac.uk/geoindex/home.html>)

British Standards Institute, 2011. 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, 2020. Land Contamination Risk Management (LCRM)

GeoSmart Information Limited, 2023. 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, 2023. Landmark Envirocheck report Land opposite 11-15 New Road, Rochdale OL15 8PJ. REF: 314513940_1_1

3.2 Site photographs

Photograph 1: Site, facing south west



Photograph 2: Site, facing west. Including neighbouring shed/outbuilding



Photograph 3: Site, facing south



Photograph 4: Exsiting south eastern boundary



Photograph 5: Contents of neighbouring shed/outbuilding



Photograph 6: Google Streetviewer imagery of electricity sub station c. 35m west



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:

314513940_1_1

Customer Reference:

79954

National Grid Reference:

392620, 415950

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Land opposite 11-15 New Road

Rochdale

OL15 8PJ

Client Details:

Ms J Bayliff

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Bellstone

Shrewsbury

Shropshire

SY1 1HU

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Data Suppliers	54
Useful Contacts	55

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	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			4	11
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 5				10
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6				5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7			7	17
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 11				3
River Quality	pg 11			1	2
River Quality Biology Sampling Points	pg 12				1
River Quality Chemistry Sampling Points	pg 13				2
Substantiated Pollution Incident Register	pg 14			1	1
Water Abstractions	pg 15			2	6 (*26)
Water Industry Act Referrals	pg 23				4
Groundwater Vulnerability Map	pg 24	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 24	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 24	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 24		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 24		Yes	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 24		5	19	30

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 31				2
Historical Landfill Sites	pg 31		1		2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 31	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 32		1		1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 33				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 34				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 34				1
Planning Hazardous Substance Consents	pg 34				12
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 36	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 36			1	10
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 38	Yes	n/a	n/a	n/a
Mining Instability	pg 38	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 38	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 38		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 38	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 38	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 38	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 40		7	10	64
Fuel Station Entries	pg 47				2
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 48			1	
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 48				1
Special Areas of Conservation	pg 48				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 to Occur at Surface	A13SW (S)	0	1	392621 415950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SE)	0	1	392621 415952
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	290	1	392621 416250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	329	1	392350 415750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (NE)	408	1	392850 416300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	471	1	393100 415952
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (NE)	477	1	392900 416350
1	Discharge Consents Operator: Armour Hess Chemicals Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Armour Hess Chemicals Cloughfield Works, Brown Bank, Littleborough, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0168/816 Permit Version: 1 Effective Date: 7th July 1994 Issued Date: Not Supplied Revocation Date: 7th July 1994 Discharge Type: Trade Discharges - Cooling Water Discharge: Canal Environment: Receiving Water: Rochdale Canal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A14NW (E)	374	2	393000 416000
2	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Smith Bridge Road Cso 35051 Across From Yea Bridge, Smithy Road, Littleborough, Greater Manchester, OI15 8qf Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROC0122 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	395	2	392790 415590
2	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Littleborough Sw L5, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01roc0122 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: Not Supplied Revocation Date: 31st December 1994 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	395	2	392790 415590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Mr N.P. Jones Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 5 Dwellings At Jnc Smithy Bridge Rd, Littleborough, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992059 Permit Version: 1 Effective Date: 25th November 1986 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	440	2	392280 415660
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Smith Bridge Road Cso 35051 Across From Yea Bridge, Smithy Road, Littleborough, Greater Manchester, OL15 8qf Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016952065 Permit Version: 4 Effective Date: 21st May 2018 Issued Date: 21st May 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	614	2	392400 415370
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Smith Bridge Road Cso 35051 Across From Yea Bridge, Smithy Road, Littleborough, Greater Manchester, OL15 8qf Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016952065 Permit Version: 3 Effective Date: 1st April 2014 Issued Date: 28th March 2014 Revocation Date: 20th May 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	614	2	392400 415370
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Smith Bridge Road Cso 35051 Across From Yea Bridge, Smithy Road, Littleborough, Greater Manchester, OL15 8qf Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016952065 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 31st March 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	614	2	392400 415370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Smith Bridge Road Cso 35051 Across From Yea Bridge, Smithy Road, Littleborough, Greater Manchester, OL15 8qf Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016952065 Permit Version: 1 Effective Date: 15th December 1986 Issued Date: Not Supplied Revocation Date: 30th March 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	614	2	392400 415370
5	Discharge Consents Operator: T Partington & Son (Builders) Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Partington Ltd Res Development Swo Off New Estate Road, Starring Way, Littleborough, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991226 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Featherstall Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SE (N)	639	2	392780 416580
6	Discharge Consents Operator: Mr Julian Hodges Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 10 Smithy Bridge Rd, Littleborough, Lancashire, OL15 8qf Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0166/445 Permit Version: 1 Effective Date: 29th November 1966 Issued Date: 29th November 1966 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	642	2	392494 415314
7	Discharge Consents Operator: Partington Homes Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Partington Res Development Swo Starring Way, Littleborough, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992002 Permit Version: 1 Effective Date: 29th April 1986 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Featherstall Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SE (N)	645	2	392700 416600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Littleborough Urban District Council Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Council Offices Sso, Littleborough Council, Littleborough, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0172/1747 Permit Version: 1 Effective Date: 1st November 1996 Issued Date: Not Supplied Revocation Date: 1st November 1996 Discharge Type: Storm sewage overflow discharge Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8SW (S)	746	2	392570 415200
9	Discharge Consents Operator: Mr Paul Linkman Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Eafield Barn Eafield Road, Smithy Bridge, Littleborough, Rochdale, Lancashire, OL16 4bb Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993854 Permit Version: 2 Effective Date: 30th November 2012 Issued Date: 30th November 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	821	2	392250 415210
9	Discharge Consents Operator: Mr Paul Linkman Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Eafield Barn Eafield Road, Smithy Bridge, Littleborough, Rochdale, Lancashire, OL16 4bb Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993854 Permit Version: 1 Effective Date: 25th July 2006 Issued Date: 25th July 2006 Revocation Date: 29th November 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	821	2	392250 415210
10	Discharge Consents Operator: 14/16 Browfield Cottage Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: 14/16 Browfield Cottages Cote Lane, Shore, Littleborough, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990379 Permit Version: 1 Effective Date: 12th August 1982 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Featherstall Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A18NW (N)	993	2	392550 416950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AW1454 Dated: 3rd November 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	917	2	393520 415742
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BI3412 Dated: 5th September 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	2	393525 415737
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BJB448 Dated: 20th December 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	2	393525 415737
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, LANCASHIRE, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: Bi3148 Dated: 8th June 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (O) Inorganic Chemical processes within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	2	393525 415737
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BD6522 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	2	393525 415737
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AF6600 Dated: 26th June 1992 Process Type: Withdrawn IPC application Description: 1.1 A (A) Gasification and associated processes within the Fuel & Power Industry Status: Application deemed withdrawn Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	2	393525 415737
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AJ3948 Dated: 16th September 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (C) Combustion processes within the Fuel & Power Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A14SE (E)	924	2	393525 415732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, LANCASHIRE, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BG8181 Dated: 11th November 1999 Process Type: IPC new application Description: 4.5 A (O) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	928	2	393530 415737
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AG5552 Dated: 17th February 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.3 A (C) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	928	2	393530 415737
11	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AK3412 Dated: 21st February 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SE (E)	929	2	393530 415732
12	Local Authority Pollution Prevention and Controls Name: Gem Rochdale Ltd Mount Green Service Station Location: Halifax Road, Rochdale, OL16 2SN Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 107/11 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Application Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	573	3	392111 415673
13	Local Authority Pollution Prevention and Controls Name: Belden Cdt Location: Stockton Street, Littleborough, OL15 Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: P120/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	788	3	393329 416317
13	Local Authority Pollution Prevention and Controls Name: Raydex/Cdt Ltd Location: Python Mill, Littleborough, Lancashire, OL15 8YJ Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 120/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	788	3	393329 416318
14	Local Authority Pollution Prevention and Controls Name: Littleborough Service Station Murco Petroleum Ltd Location: 113 Church Street, Littleborough, MIDDLETON, Lancashire, OL15 8JA Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 77/09 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14NE (E)	868	3	393451 416233

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Local Authority Pollution Prevention and Controls Name: Carlisle It Location: Python Mill, Littleborough, Lancashire, OL15 8yj Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 120/14 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	871	3	393392 416375
	Nearest Surface Water Feature	A13SW (SW)	60	-	392588 415891
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 27th October 1993 Incident Reference: 93622014 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	365	2	392900 416200
17	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Featherstall Brook Incident Date: 1st June 1994 Incident Reference: 94621179 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	383	2	392800 416300
18	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 5th October 1994 Incident Reference: 94622216 Catchment Area: Roch Receiving Water: Groundwater Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	403	2	393000 415800
18	Pollution Incidents to Controlled Waters Property Type: Transport, Storage, Communications: Road & Rail Location: River Roch, Near Stubby Mill Lane, Lancashire Authority: Environment Agency, North West Region Pollutant: General Biodegradable : Vegetable Oils Note: Not Supplied Incident Date: 31st August 1999 Incident Reference: 31939 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	405	2	393000 415795
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 26th April 1995 Incident Reference: 95620917 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	491	2	393100 416095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Featherstall Bk; No Pollution Found Incident Date: 9th May 1995 Incident Reference: 95621072 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	493	2	393100 416100
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 13th March 1995 Incident Reference: 95620512 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	496	2	393100 415800
21	Pollution Incidents to Controlled Waters Property Type: Demolition Location: Albion Mill, William Street, LITTLEBOROUGH Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Spillage Of 150 Galls Bitumen Incident Date: 18th April 1998 Incident Reference: SO980704 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	531	2	393100 416200
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: No Pollution Found Incident Date: 4th November 1993 Incident Reference: 93622064 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	536	2	392100 416100
23	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Other Organic Note: Rochdale Canal; Stearic Acid Incident Date: 6th August 1995 Incident Reference: 95621999 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	592	2	393200 415800
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Not Supplied Incident Date: 29th June 1995 Incident Reference: 95621590 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	594	2	393200 415795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: River Roch Incident Date: 24th June 1994 Incident Reference: 94621385 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	598	2	393205 415795
24	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Rochdale Canal; Fatty Amine Incident Date: 2nd December 1993 Incident Reference: 93622226 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	626	2	393200 415700
25	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Septic Tank Effluent In Stream, LITTLEBOROUGH Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Roch; Septic Tank Effluent Incident Date: 18th June 1997 Incident Reference: 97621094 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	630	2	392300 415400
26	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Seen Incident Date: 20th October 1994 Incident Reference: 94622322 Catchment Area: Rochdale Canal Receiving Water: Groundwater Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	650	2	392700 415300
27	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Stubby Mill Brook, Near Hollingworth Park, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Other Pollutant Note: Not Supplied Incident Date: 29th November 1999 Incident Reference: 34291 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	672	2	393300 415995
27	Pollution Incidents to Controlled Waters Property Type: Manufacturing: Food & Beverage Manufacture Location: River Roch, Stubbley Mill Lane, Near Petrol Station, Greater Manchester Authority: Environment Agency, North West Region Pollutant: General Biodegradable : Vegetable Oils Note: Not Supplied Incident Date: 10th August 1999 Incident Reference: 31163 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	673	2	393300 416000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Pollution Seen Incident Date: 23rd May 1994 Incident Reference: 94621065 Catchment Area: Roch Receiving Water: Groundwater Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	686	2	393300 416095
28	Pollution Incidents to Controlled Waters Property Type: Demolition Location: Featherstall Brook, Shubby Mill Road Authority: Environment Agency, North West Region Pollutant: Oils - Black Fuel Oil Note: Not Supplied Incident Date: 20th April 1998 Incident Reference: SO980737 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	687	2	393300 416100
29	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 29th October 1993 Incident Reference: 93622029 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	753	2	392500 415200
30	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 13th March 1996 Incident Reference: 96620477 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	756	2	391900 415700
31	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Oily Substance Discharging To, Roch Stubbleby Mill La, Ltlbrh Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: River Roch; Not Known Incident Date: 18th July 1997 Incident Reference: 97621370 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	809	2	393400 416200
32	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: River Rochdale Canal Authority: Environment Agency, North West Region Pollutant: Other Sewage Note: Effluent In Canal Incident Date: 6th June 1998 Incident Reference: SO981026 Catchment Area: Rochdale Canal Receiving Water: Canal Cause of Incident: Ineffective Pumping Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	813	2	393400 415700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 16th May 1996 Incident Reference: 96621065 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	978	2	393500 416400
34	Registered Radioactive Substances Name: Rochdale Health Authority Location: Birch Hill Hospital, ROCHDALE, Lancashire, OL12 9QB Authority: Environment Agency, North West Region Permit Reference: AB9577 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Unknown	A12NE (W)	522	2	392092 415955
34	Registered Radioactive Substances Name: Rochdale Healthcare Nhs Trust Location: Birch Hill Hospital, Union Road, ROCHDALE, Lancashire, OL12 9QB Authority: Environment Agency, North West Region Permit Reference: AM0309 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA dated pre April 1991 Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (W)	538	2	392076 415974
34	Registered Radioactive Substances Name: Rochdale Healthcare Nhs Trust Location: Birch Hill Hospital, Union Road, ROCHDALE, Lancashire, OL12 9QB Authority: Environment Agency, North West Region Permit Reference: AL8738 Dated: 23rd May 1994 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A12NE (W)	543	2	392071 415979
	River Quality Name: Roch GQA Grade: River Quality B Reach: Akzo Chemie To Beal Estimated Distance (km): 2.5 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A8NW (S)	376	2	392581 415570
	River Quality Name: Roch GQA Grade: River Quality B Reach: Summit To Akzo Chemie Estimated Distance (km): 3.3 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A14SW (E)	570	2	393175 415793
	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	A9NW (SE)	621	2	393050 415500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	River Quality Biology Sampling Points Name: Roch Reach: Akzo Chemie To Beal Estimated Distance: 2.50 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade F - Bad Year: 1995 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2003 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade C - Fairly Good	A14SW (E)	592	2	393200 415800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	River Quality Chemistry Sampling Points Name: Roch Reach: Akzo Chemie To Beal Estimated Distance: 2.50 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A8NW (S)	571	2	392480 415390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	River Quality Chemistry Sampling Points Name: Roch Reach: Summit To Akzo Chemie Estimated Distance: 3.30 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A8NW (S)	571	2	392480 415390
37	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 6th April 2020 Incident Reference: 1795706 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	A13NE (NE)	412	2	392889 416276
38	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 3rd June 2007 Incident Reference: 499854 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	A14NE (E)	750	2	393360 416121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Water Abstractions Operator: Boro Candlewick Textiles Ltd. Licence Number: 2569002034 Permit Version: Not Supplied Location: Albion Mill, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 68 Yearly Rate (m3): 17275 Details: Additional Purpose - Boiler Feed. Featherstall Brook 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	A14NW (E)	398	2	393000 416100
40	Water Abstractions Operator: Falcon Trunking Systems Ltd Licence Number: 2569002262 Permit Version: Not Supplied Location: Featherstall Brook At , LITTLEBOROUGH, Lancashire Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 48 Yearly Rate (m3): 10000 Details: Featherstall Brook 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	A14NW (E)	473	2	393100 416000
41	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 4546 Yearly Rate (m3): 1654780 Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	827	2	393450 415860
41	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	827	2	393450 415860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	827	2	393450 415860
42	Water Abstractions Operator: Nwwa Eastern Division Licence Number: 2569002111 Permit Version: Not Supplied Location: Borehole, Python Mill, Church Street, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2728 Yearly Rate (m3): 1000120 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	A19SE (NE)	845	2	393400 416300
43	Water Abstractions Operator: Vita Thermoplastic Compounds Ltd Licence Number: 2569002250 Permit Version: 101 Location: Borehole At Stockton Street Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises, Stockton St, L'Boro Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th October 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (E)	937	2	393500 416300
43	Water Abstractions Operator: Jackdaw Polymers Licence Number: 2569002250 Permit Version: 100 Location: Borehole At Stockton Street Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 331 Yearly Rate (m3): 72730 Details: Land & Premises, Stockton St, L'Boro Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (E)	937	2	393500 416300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	1012	2	393630 416100
	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	1012	2	393630 416100
	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	1012	2	393630 416100
	Water Abstractions Operator: Quartgain Ltd Licence Number: 2569002087 Permit Version: Not Supplied Location: Premises, Shore, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Boiler Feed Abstraction Type: Not Supplied Source: River Daily Rate (m3): 5 Yearly Rate (m3): 1818 Details: Reservoir Fed By Surface Drainage 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	A23SE (N)	1154	2	392800 417100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cook Street Pallets Ltd Licence Number: 2569002146 Permit Version: 100 Location: Borehole At Premises, Wardle, Rochdale Authority: Environment Agency, North West Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 76 Yearly Rate (m3): 25458 Details: Premises At Wardle, Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th October 1990 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1483	2	391400 416800
	Water Abstractions Operator: Wardle Spring Water Co Ltd Licence Number: 2569002146 Permit Version: 102 Location: Borehole At Premises At Wardle, Rochdale Authority: Environment Agency, North West Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Wardle, Rochdale 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 10m	A16NE (NW)	1519	2	391370 416820
	Water Abstractions Operator: Cook Street Pallets Ltd Licence Number: 2569002146 Permit Version: 101 Location: Borehole At Premises At Wardle, Rochdale Authority: Environment Agency, North West Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Wardle, Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th March 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1519	2	391370 416820
	Water Abstractions Operator: John Sandiford & Sons Limited Licence Number: 2569002145 Permit Version: Not Supplied Location: Wardle Brook At Premises, Wardle, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 691 Yearly Rate (m3): 186386 Details: Additional Purposes: Boiler feed; Cooling; 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	A16NE (NW)	1542	2	391400 416900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Courtaulds Advanced Materials Licence Number: 2569002198 Permit Version: Not Supplied Location: Longclough Brook, Gale Mill, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 2 Yearly Rate (m3): 568 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	A24NW (N)	1551	2	393200 417400
	Water Abstractions Operator: Todmorden Anglers Society Licence Number: 2569002271 Permit Version: 5 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24NE (NE)	1590	2	393300 417400
	Water Abstractions Operator: Mr R Barber Licence Number: 2569002271 Permit Version: 4 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24NE (NE)	1590	2	393300 417400
	Water Abstractions Operator: R Barber Licence Number: 2569002271 Permit Version: 3 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24NE (NE)	1590	2	393300 417400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Littleborough Angling Society Licence Number: 2569001244 Permit Version: 100 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Amenity: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th July 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24NE (NE)	1590	2	393300 417400
	Water Abstractions Operator: Walsden Printing Co Ltd Licence Number: 2569002240 Permit Version: Not Supplied Location: Town House Brook , And Gale House Reservoir , Overflow At, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 455 Yearly Rate (m3): 104560 Details: Not Supplied 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	A25SW (NE)	1637	2	393800 417100
	Water Abstractions Operator: Jack Travis Licence Number: 2569002261 Permit Version: 100 Location: Ash Brook At Smallbridge, Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 12 Yearly Rate (m3): 4380 Details: Land At Roche Mill, Smallbridge Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th September 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	1670	2	391400 414800
	Water Abstractions Operator: Walsden Printing Co Ltd Licence Number: 2569002240 Permit Version: 100 Location: Town House Brook And Gale House Reservoir Overflow At Li Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 455 Yearly Rate (m3): 104560 Details: Land At Gale Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th December 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SW (NE)	1687	2	393800 417170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Harold Howarth Licence Number: 2569002215 Permit Version: 100 Location: Catchpit At Higher Gale, Gale, Near Littleborough Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 45 Yearly Rate (m3): 1659 Details: Premises At Gale, Nr Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th February 1974 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SE (NE)	1852	2	394000 417200
	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 101 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th June 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1872	2	394500 415900
	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 101 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th June 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1872	2	394500 415900
	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 100 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 136 Yearly Rate (m3): 35641 Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th June 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1872	2	394500 415900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 100 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th June 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1872	2	394500 415900
	Water Abstractions Operator: George Eaton Limited Licence Number: 2569002099 Permit Version: Not Supplied Location: Reservoir Fed By Spring At, Howarth Cross Mill, SMALLBRIDGE Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Slaughtering Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 1 Yearly Rate (m3): 236 Details: Additional Purpose: Slaughtering; 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	A1NW (SW)	1885	2	391200 414700
	Water Abstractions Operator: Strong International Ltd Licence Number: 2569002114 Permit Version: 101 Location: Reservoir On Trib Of R Roch At Wardle, Near Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Wardle Mill, Wardle Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th November 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SW (NW)	1902	2	391100 417100
	Water Abstractions Operator: Strong International Ltd Licence Number: 2569002114 Permit Version: 100 Location: Reservoir On Trib Of R Roch At Wardle, Near Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 909 Yearly Rate (m3): 122742 Details: Premises At Wardle Mill, Wardle Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th October 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SW (NW)	1902	2	391100 417100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Walsden Printing Co Ltd Licence Number: 2569002240 Permit Version: 100 Location: Town House Brook And Gale House Reservoir Overflow \$111 Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Land At Gale Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th December 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1941	2	394110 417210
	Water Abstractions Operator: Mr E Harrison Licence Number: 2569002062 Permit Version: 100 Location: Brick Lined Catchpit At Higher Gale, Gale, Littleborough 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): 3 Yearly Rate (m3): 996 Details: Lower Town House Farm, Gale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SE (NE)	1993	2	394100 417300
44	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: BB6718 Dated: 15th July 1998 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A19SE (NE)	933	2	393426 416440
44	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: Bw0347 Dated: 8th September 2003 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A19SE (NE)	936	2	393426 416445
44	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: Bv5424 Dated: 1st August 2003 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A19SE (NE)	936	2	393426 416445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: BB6696 Dated: 15th July 1998 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A19SE (NE)	937	2	393431 416440
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13SW (SE)	0	4	392621 415952
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SE)	0	4	392621 415952
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (SE)	0	4	392621 415952
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	196	2	392753 415805
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	198	2	392757 415805
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	60	5	392588 415891
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	62	5	392594 415887

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	62	5	392591 415888
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	97	5	392570 415860
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 208.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	177	5	392709 415794
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.0 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	316	5	392909 415810
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: Underground Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	318	5	392908 415803
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.1 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	325	5	392907 415789
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 464.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A8NW (S)	339	5	392598 415605
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	355	5	392911 415741
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A8NW (S)	375	5	392534 415579

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	375	5	392534 415579
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	380	5	392929 415723
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	383	5	392928 415717
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 227.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	384	5	392518 415573
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A13NE (NE)	400	5	392944 416202
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 169.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A13SE (SE)	402	5	392939 415701
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 227.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A14NW (NE)	403	5	392993 416128
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A13NE (NE)	409	5	392893 416268
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	442	5	392576 415505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 238.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A14SW (E)	443	5	393049 415816
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	462	5	392523 415492
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	471	5	392555 415477
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	496	5	392863 415515
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	503	5	392510 415453
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	503	5	392515 415452
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A18SE (NE)	505	5	392880 416396
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 443.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A8NW (S)	513	5	392488 415447
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A18SE (NE)	516	5	392880 416409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 2255.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A9NW (SE)	523	5	392980 415569
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: Underground Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A14NW (E)	537	5	393162 416016
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A14NW (E)	545	5	393171 416007
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	574	5	392328 415448
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	579	5	392220 415522
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	583	5	392202 415535
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	587	5	392300 415450
81	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	A8NW (SW)	587	5	392300 415450
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A18SE (N)	611	5	392853 416527

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 660.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A18SE (N)	619	5	392847 416537
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	628	5	393252 415886
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A14SW (E)	628	5	393252 415886
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A14SW (E)	641	5	393269 415930
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 284.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	646	5	392022 415688
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	658	5	392260 415391
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1232.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A7NE (SW)	700	5	392233 415359
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A14NE (E)	733	5	393346 416110
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 423.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A14NE (E)	738	5	393350 416114

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	822	5	392358 416737
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Middle Wood Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	822	5	392358 416737
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	840	5	392205 416687
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Middle Wood Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	895	5	392372 416818
96	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Middle Wood Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	957	5	392353 416877
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Middle Wood Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	963	5	392351 416883
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.9 Watercourse Level: Underground Permanent: True Watercourse Name: Middle Wood Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	975	5	392347 416894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	BGS Recorded Landfill Sites Site Name: Para Wales Location: Smithy Bridge, LITTLEBOROUGH, Lancs Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A8NE (SE)	528	-	392873 415484
100	BGS Recorded Landfill Sites Site Name: Clough Field Works Location: Canal Side, LITTLEBOROUGH, Lancs Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good	A14SW (E)	598	-	393187 415741
101	Historical Landfill Sites Licence Holder: Rochdale Borough Planning and Estates Officer Location: Off Littleborough, Rochdale, Greater Manchester Name: New Street/Land At Stubley Mill Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL15680 First Input Date: 31st March 1988 Last Input Date: 31st December 1990 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9238 BGS Ref: Not Supplied Other Ref: D033, RD/LIC/490/87	A13SW (S)	184	2	392621 415761
102	Historical Landfill Sites Licence Holder: MPB Auto Painters Location: Off Brown Lodge Drive, Smithy Bridge, Littleborough, Greater Manchester Name: Paragon Industrial Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL15683 First Input Date: 1st May 1984 Last Input Date: 31st December 1984 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9126 BGS Ref: 500 Other Ref: RD/LIC/321/83, D052	A8NE (SE)	510	2	392894 415517
103	Historical Landfill Sites Licence Holder: Not Supplied Location: Canal Side, Littleborough, Lancashire Name: Clough Field Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL32091 First Input Date: 31st December 1835 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 504 Other Ref: Not Supplied	A14SW (E)	599	2	393188 415742
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		0	3	392621 415952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	Registered Landfill Sites Licence Holder: Rochdale M.B.C. Licence Reference: 00490/87/M1 Site Location: New Street / Stubley Mill Road, Littleborough, Lancashire Licence Easting: 392600 Licence Northing: 415720 Operator Location: Municipal Offices, Smith Street, ROCHDALE, Lancashire, OL16 1JH Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1988 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 Materials Constr'N Ind. Wastes Containing Only Fibreglass Glass Metals Plastics Similar Non Leachate Forming Materials Soil,Clay,Sand, Stone,Brick,Concrete,Slate Wood Prohibited Waste: Animal Flesh Chemical Waste Of Any Nature Foodstuffs Paper/Cardboard Plasterboard Sawdust Textiles Vegetable Matter Waste Forming Polluting Leachate Waste In Liquid Or Sludge Form	A13SW (S)	225	2	392600 415720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	Registered Landfill Sites Licence Holder: M.P.B. Auto Painters Licence Reference: 00321/831 Site Location: Unit 1 Paragon Industrial Works, Smithy Bridge, Littleborough, Lancashire Licence Easting: 392870 Licence Northing: 415460 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 Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Metal Scrap Non Leachate Forming Waste Other Resins And Polymeric Materials 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	A8NE (SE)	547	2	392870 415460
106	Registered Waste Treatment or Disposal Sites Licence Holder: Rochdale Health Care Nhs Trust Licence Reference: 00566 Site Location: Birch Hill Hospital Incinerator, ROCHDALE, Lancashire, OL12 9QB Operator Location: Estates Dept, Birch Hill Hosp, Rochdale, Lancashire Authority: Environment Agency - North West Region, South Area Site Category: Incineration - with transfer 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 lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1992 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 Clinical - As In Coll/Disp. Regs Of '88 Commercial Waste Ex Rochdale Health Au Laboratory Chemicals Max. Waste Permitted By Licence - Stated Pharmaceutical Waste Prohibited Waste Explosive Waste Malodorous Waste Pressurised Waste Pretreated Waste Not Permit. By Lic. Radioactive Wastes Violently Reactive Wastes Waste In Drums Waste N.O.S.	A12NE (NW)	572	2	392100 416200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Control of Major Accident Hazards Sites (COMAH) Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Rochdale, Lancashire, OL15 0BA Reference: 6552 Type: Upper Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	6	393525 415737
108	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Akzo Chemie (UK) Limited Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Status: Not Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	929	6	393530 415732
109	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Rochdale, Lancashire, OL15 0ba Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Extremely flammable (extremely flammable gases and liquids with a flash point <21C and boiling point at normal pressure <=35C, and gaseous substances flammable in contact with air at ambient temperature and pressure excluding extremely flammable gases and natural gas, and flammable liquid substances maintained at a temperature above their boiling point) Maximum Quantity: 52 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	760	7	393295 415590
109	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Rochdale, Lancashire, OL15 0ba Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Methanol Maximum Quantity: 5 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	764	7	393305 415600
110	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Lancashire, OL15 0ba Authority: Rochdale Metropolitan Borough Council Application Ref: 01/D38893 Hazardous Substance: Toxic Maximum Quantity: 35 Application date: 30th January 2001 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A14SE (E)	869	7	393467 415726
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Nickel compounds in inhalable powder form (nickel monoxide, nickel dioxide, nickel sulphide, trinickel disulphide, dinickel trioxide) Maximum Quantity: 3.5 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Hydrogen Maximum Quantity: 2.8 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 2 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Toxic Maximum Quantity: 60 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Oxidising Maximum Quantity: 15 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Flammable (flammable liquids with flash point $\geq 21^{\circ}\text{C}$ and $\leq 55^{\circ}\text{C}$ supporting combustion) Maximum Quantity: 200 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Highly flammable (highly flammable liquids which have a flash point $< 21^{\circ}\text{C}$ and which are not extremely flammable) Maximum Quantity: 52 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Dangerous for the environment (toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment) Maximum Quantity: 3200 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	7	393525 415737
111	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, ROCHDALE, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 92/D28806 Hazardous Substance: Part A, Toxic Substance, Acrylonitrile, where amount held is greater than or equal to 20 tonnes Maximum Quantity: 44 Application date: 17th November 1992 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	948	7	393549 415730

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)	A13SW (SE)	0	1	392621 415952
112	BGS Recorded Mineral Sites Site Name: Newroad Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96209 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SE (W)	344	1	392270 415934
113	BGS Recorded Mineral Sites Site Name: Starring Stoneware Works Location: Wardle, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15036 Type: Underground And Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	512	1	392200 416250
114	BGS Recorded Mineral Sites Site Name: Starring Sanitary Pipe Works Location: Wardle, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96265 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	574	1	392167 416309
115	BGS Recorded Mineral Sites Site Name: Brown Brow Hill Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96208 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	621	1	393072 415521
116	BGS Recorded Mineral Sites Site Name: Elmore Wood Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96198 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	732	1	392736 416683

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	BGS Recorded Mineral Sites Site Name: Clough Field Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96207 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	796	1	393412 415812
118	BGS Recorded Mineral Sites Site Name: Starring Wood Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96197 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	829	1	392076 416581
119	BGS Recorded Mineral Sites Site Name: Bench Carr Location: Wardle, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96247 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	938	1	391813 416436
120	BGS Recorded Mineral Sites Site Name: Lower Shore Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96191 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	953	1	392646 416913
121	BGS Recorded Mineral Sites Site Name: Starring Wood Location: Wardle, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96246 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	971	1	391982 416687
122	BGS Recorded Mineral Sites Site Name: Lower Shore Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96190 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	985	1	392901 416905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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.	A13SW (SE)	0	8	392621 415952
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SE)	0	-	392621 415952
	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	A13SW (SE)	0	1	392621 415952
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	87	1	392638 415860
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	392650 415806
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	392621 415952
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	87	1	392638 415860
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	392650 415806
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	173	1	392780 415873
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	208	1	392830 415905
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	392621 415952
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	392621 415952
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	36	1	392598 415913
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	133	1	392497 416012
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	392621 415952
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	87	1	392638 415860
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	392650 415806
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	208	1	392830 415905
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	392621 415952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	173	1	392780 415873
	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	A13SW (SE)	0	1	392621 415952
	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	A13SW (SE)	0	1	392621 415952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Contemporary Trade Directory Entries Name: Fr Joinery & Construction Services Location: New Rd, Littleborough, Lancashire, OL15 8LX Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	46	-	392620 416006
124	Contemporary Trade Directory Entries Name: The Sherpley Motor Co Location: James Street, Littleborough, Lancashire, OL15 8LT Classification: Car Kit Assemblers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NW (N)	98	-	392597 416054
125	Contemporary Trade Directory Entries Name: Jo'S Textiles Location: Unit 1, Drydock Mill, New Road, Littleborough, Lancashire, OL15 8LX Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	129	-	392671 416081
125	Contemporary Trade Directory Entries Name: Starwood Mouldings Ltd Location: Unit 1, Drydock Mill, New Road, Littleborough, Lancashire, OL15 8LX Classification: Wood Products, Except Furniture - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	129	-	392671 416081
125	Contemporary Trade Directory Entries Name: Sphinx Bathroom Ltd Location: Drydock Mill, New Road, Littleborough, Lancashire, OL15 8LX Classification: Bathroom Fixtures - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	130	-	392671 416081
125	Contemporary Trade Directory Entries Name: Brookfield Engineering Co Location: 13 James Street, Littleborough, Lancashire, OL15 8LT Classification: Engineers - General Status: Active Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	134	-	392676 416084
126	Contemporary Trade Directory Entries Name: Gale Motors Location: Harwood Street Garage, Harwood Street, Littleborough, OL15 8NA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	156	-	392584 416110
127	Contemporary Trade Directory Entries Name: Vogue Recovery Location: The Barn, Bents Farm, Starring Way, Littleborough, Lancashire, OL15 8RE Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	276	-	392708 416223
128	Contemporary Trade Directory Entries Name: Auto Recovery Location: 124, New Road, Littleborough, OL15 8NL Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	284	-	392350 415841
129	Contemporary Trade Directory Entries Name: David Royds Location: 2, Farm Walk, Littleborough, Lancashire, OL15 8LJ Classification: Plastics - Raw Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	312	-	392614 416271
130	Contemporary Trade Directory Entries Name: Littleborough Removals Location: 3, Beaumont Close, Littleborough, Lancashire, OL15 8NR Classification: Boxes & Cartons Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	315	-	392797 416223
131	Contemporary Trade Directory Entries Name: Broadfield Plastics Ltd Location: Foxcroft Street, Littleborough, Lancashire, OL15 8LB Classification: Glass Fibre Moulding, Materials & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	379	-	392878 416242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Contemporary Trade Directory Entries Name: Scratchworks Location: 7, Mill Fold Gardens, Littleborough, Lancashire, OL15 8SA Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	403	-	393023 415871
133	Contemporary Trade Directory Entries Name: Hilton Docker Mouldings Location: Fredo Mill, Foxcroft Street, Littleborough, OL15 8LB Classification: Glass Fibre Moulding, Materials & Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	420	-	392928 416250
134	Contemporary Trade Directory Entries Name: G W Damproofing Location: 1, Starring Way, Littleborough, Lancashire, OL15 8LP Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	477	-	392529 416427
135	Contemporary Trade Directory Entries Name: David Wetton Location: 17, Union Road, Rochdale, Lancashire, OL12 9QA Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	500	-	392123 415849
135	Contemporary Trade Directory Entries Name: David Wetton Location: 17, Union Road, Rochdale, Lancashire, OL12 9QA Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	500	-	392123 415849
135	Contemporary Trade Directory Entries Name: Wetton D Service Engineer Location: 17, UNION ROAD, WARDLE, ROCHDALE, OL12 9QA Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	501	-	392123 415849
136	Contemporary Trade Directory Entries Name: Birch Hill Hospital Location: Birch Hill Hospital, Union Road, Rochdale, Lancashire, OL12 9QB Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	543	-	392071 415979
137	Contemporary Trade Directory Entries Name: Falcon Trunking Systems Ltd Location: Butterworth Street, Littleborough, Lancashire, OL15 8JS Classification: Plastics - Extrusion Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	566	-	393183 416071
137	Contemporary Trade Directory Entries Name: Mayplas Ltd Location: Butterworth Street, Littleborough, Lancashire, OL15 8JS Classification: Insulation Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	566	-	393183 416071
137	Contemporary Trade Directory Entries Name: J Priestley & Son Location: William Street, Littleborough, Lancashire, OL15 8JP Classification: Woodworking Machinery Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	574	-	393180 416114
138	Contemporary Trade Directory Entries Name: Cooke Petroleum Ltd Location: Mount Green Garage, Halifax Road, Rochdale, Lancashire, OL16 2SN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	578	-	392113 415660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	Contemporary Trade Directory Entries Name: Mpb Location: Paragon Industrial Estate, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	582	-	392783 415387
139	Contemporary Trade Directory Entries Name: E K Motors Location: Unit 2, Paragon Industrial Estate, Smithy Bridge Road, Littleborough, OL15 8QF Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	582	-	392783 415387
139	Contemporary Trade Directory Entries Name: Bu-Val Buses Ltd Location: Paragon Industrial Estate, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	583	-	392783 415387
139	Contemporary Trade Directory Entries Name: E K Motors Location: Paragon Ind Est, Smithy Bridge Rd, Littleborough, Lancashire, OL15 8QF Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	583	-	392782 415386
139	Contemporary Trade Directory Entries Name: Abbie Comp (Uk) Location: Paragon Industrial Estate, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Screen Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	583	-	392783 415387
140	Contemporary Trade Directory Entries Name: Rossi Gear Motors Ltd Location: 17, Lime Grove, Littleborough, Lancashire, OL15 8RP Classification: Gearboxes Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	619	-	392824 416546
141	Contemporary Trade Directory Entries Name: Anderson Presswork Location: Ending Rake Works, Duke Street, Littleborough, Lancashire, OL15 8DL Classification: Metal Workers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	629	-	393210 416197
142	Contemporary Trade Directory Entries Name: S P C Sheet Metal Location: Henderson Street, Littleborough, Lancashire, OL15 8DT Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	634	-	393109 416370
142	Contemporary Trade Directory Entries Name: Ellidge Ltd Location: Henderson Street, Littleborough, Lancashire, OL15 8DT Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	634	-	393109 416370
142	Contemporary Trade Directory Entries Name: A A A Pest Control Services Ltd Location: Henderson Street, Littleborough, Lancashire, OL15 8DT Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	634	-	393109 416370
143	Contemporary Trade Directory Entries Name: Falcon Reclamation Service Location: Butterworth St, Littleborough, Lancashire, OL15 8JS Classification: Reclamation Centres Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	635	-	393234 416149

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	Contemporary Trade Directory Entries Name: Cjc Location: Butterworth St, Littleborough, Lancashire, OL15 8JS Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	647	-	393246 416148
143	Contemporary Trade Directory Entries Name: V-Plas Location: Butterworth St, Littleborough, Lancashire, OL15 8JS Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	647	-	393246 416150
143	Contemporary Trade Directory Entries Name: Mikrospin Location: Mikrospin House, William Street, Littleborough, Lancashire, OL15 8JP Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	675	-	393276 416149
143	Contemporary Trade Directory Entries Name: Mikrospin Ltd Location: Mikrospin House, William Street, Littleborough, Lancashire, OL15 8JP Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	675	-	393276 416149
144	Contemporary Trade Directory Entries Name: Paragon Car Sales Location: 14, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	653	-	392502 415301
145	Contemporary Trade Directory Entries Name: N H Fabrications Location: Old Road, Rochdale, Lancashire, OL16 2SJ Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	655	-	392049 415616
145	Contemporary Trade Directory Entries Name: Inspired Fires Location: 634, Halifax Road, Rochdale, Lancashire, OL16 2SQ Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	673	-	392019 415633
146	Contemporary Trade Directory Entries Name: Mobilmech Location: 71, Brown Lodge Drive, Littleborough, Lancashire, OL15 0ET Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	670	-	392885 415331
147	Contemporary Trade Directory Entries Name: Tech Trim Ltd Location: 10, Sorrel Drive, Littleborough, Lancashire, OL15 8RU Classification: Textile Manufacturing Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	678	-	392936 416563
148	Contemporary Trade Directory Entries Name: Fuelmaster & G B Location: 28, Brookfield Drive, Littleborough, Lancashire, OL15 8RH Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	698	-	392456 416637
148	Contemporary Trade Directory Entries Name: Creative Polymer Developments Location: 24, Brookfield Drive, Littleborough, OL15 8RH Classification: Plastics - Coating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	703	-	392482 416648
148	Contemporary Trade Directory Entries Name: Creative Polymer Developments Location: 24, Brookfield Drive, Littleborough, Lancashire, OL15 8RH Classification: Plastics - Coating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	703	-	392482 416648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Contemporary Trade Directory Entries Name: Al-Ex Services Location: 24, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	728	-	392558 415219
149	Contemporary Trade Directory Entries Name: Sutcliffe'S Motor Bodies Location: 4, Barke Street, Littleborough, Lancashire, OL15 8QN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	735	-	392529 415215
149	Contemporary Trade Directory Entries Name: Extrusion Press Services Uk Ltd Location: 30-32, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	738	-	392577 415208
149	Contemporary Trade Directory Entries Name: Decorative Leaded Windows Location: 30-32, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Leaded Lights & Windows Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	738	-	392577 415208
149	Contemporary Trade Directory Entries Name: E P S Control Technology Ltd Location: 30-32, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	738	-	392577 415208
149	Contemporary Trade Directory Entries Name: Roche-Man Projects Location: 30-32, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	738	-	392577 415208
149	Contemporary Trade Directory Entries Name: Develop Sales Location: 30-32, Smithy Bridge Road, Littleborough, Lancashire, OL15 8QF Classification: Photocopiers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	738	-	392577 415208
150	Contemporary Trade Directory Entries Name: Goodliff Location: Eafield Road, Littleborough, Lancashire, OL15 8HS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	758	-	392398 415218
151	Contemporary Trade Directory Entries Name: Belden Location: Stockton Street, Littleborough, Lancashire, OL15 8YJ Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	772	-	393344 416247
152	Contemporary Trade Directory Entries Name: Stephen Graham Sales Ltd Location: Unit 3a-3b Stockton Street, Littleborough, Lancashire, OL15 8YJ Classification: Hardware Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	788	-	393329 416318
152	Contemporary Trade Directory Entries Name: Carlisle Location: Stockton Street, Littleborough, OL15 8YJ Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	788	-	393329 416318
153	Contemporary Trade Directory Entries Name: Active Stairlift Ltd Location: 60, Bridge Bank Road, Littleborough, Lancashire, OL15 8QU Classification: Stairlifts - Manufacturers & Installers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	792	-	393034 415272

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	Contemporary Trade Directory Entries Name: Pressing Matters Location: 1, Edward Avenue, Littleborough, Lancashire, OL15 8QW Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	794	-	392821 415178
155	Contemporary Trade Directory Entries Name: Rebel Gadgets Location: 667, Halifax Road, Rochdale, OL12 9QZ Classification: Computer Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	803	-	391888 415603
156	Contemporary Trade Directory Entries Name: Roses Venetian Blind Centre Location: 14, Highlands, Littleborough, Lancashire, OL15 0DS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	819	-	393158 415331
157	Contemporary Trade Directory Entries Name: McCormick Location: 138, Whitelees Road, Littleborough, Lancashire, OL15 8BZ Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	832	-	393299 416450
157	Contemporary Trade Directory Entries Name: McCormick Location: 138, Whitelees Road, Littleborough, OL15 8BZ Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	833	-	393299 416450
158	Contemporary Trade Directory Entries Name: Elite Kleen Location: 98, BIRCH ROAD, WARDLE, ROCHDALE, OL12 9QN Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	840	-	391780 416053
159	Contemporary Trade Directory Entries Name: Littleborough Sheet Metal Ltd Location: 14, Charles Street, Littleborough, Lancashire, OL15 8HH Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	843	-	393444 416168
159	Contemporary Trade Directory Entries Name: D Lorimer Location: 16, Charles Street, Littleborough, Lancashire, OL15 8HH Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	843	-	393444 416168
160	Contemporary Trade Directory Entries Name: Texaco Location: Church Street, Littleborough, OL15 8AB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A14NE (E)	868	-	393451 416236
161	Contemporary Trade Directory Entries Name: W Pickersgill & Sons Location: Stott St, Hurstead, Rochdale, Lancashire, OL16 2SB Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	874	-	391866 415494
162	Contemporary Trade Directory Entries Name: Tuf Towers Location: 15, Broadfield Drive, Littleborough, Lancashire, OL15 0EU Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	891	-	392582 415054
163	Contemporary Trade Directory Entries Name: Tilestar Location: 29, Shore Mount, LITTLEBOROUGH, Lancashire, OL15 8EN Classification: Tile Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	921	-	392994 416804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Contemporary Trade Directory Entries Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Lancashire, OL15 0BA Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	923	-	393525 415737
165	Contemporary Trade Directory Entries Name: Birch Hill Hospital Location: Birch Hill Hospital, Birch Road, Rochdale, Lancashire, OL12 9QB Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (W)	933	-	391745 416291
166	Contemporary Trade Directory Entries Name: Jackdaw Polymers Ltd Location: Stockton Street, Littleborough, Lancashire, OL15 8YJ Classification: Plastics - Raw Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	936	-	393426 416445
167	Contemporary Trade Directory Entries Name: Harris Associates Ltd Location: 22, Laurels Drive, Littleborough, OL15 0DU Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	948	-	392843 415024
168	Contemporary Trade Directory Entries Name: Breda Garage Location: Albert Street, Littleborough, OL15 8BS Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	948	-	393491 416350
169	Contemporary Trade Directory Entries Name: Littleborough Car Sales Location: 9, Ribble Avenue, Littleborough, Lancashire, OL15 8ET Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	954	-	392737 416907
170	Contemporary Trade Directory Entries Name: Thimble Cleaning Services Location: 57, Thimble Close, Rochdale, Lancashire, OL12 9QP Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	960	-	391690 415688
171	Contemporary Trade Directory Entries Name: Rochdale Ironing Service Location: 52, Little Clegg Road, Littleborough, Lancashire, OL15 0EF Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	985	-	392630 414960
172	Contemporary Trade Directory Entries Name: Eco Bins Location: 65, Shore Mount, Littleborough, Lancashire, OL15 8EW Classification: Wheelie Bin Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	996	-	392913 416914
173	Contemporary Trade Directory Entries Name: Freelance Electronic Solutions Location: 53, Wordsworth Crescent, Littleborough, OL15 0RB Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	999	-	392799 414962
173	Contemporary Trade Directory Entries Name: Littleborough Location: 53, Wordsworth Crescent, Littleborough, Lancashire, OL15 0RB Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	1000	-	392799 414962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	Fuel Station Entries Name: Gem Rochdale Location: Halifax Road , Wardle , Rochdale, Greater Manchester, OL16 2SQ Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	578	-	392105 415673
175	Fuel Station Entries Name: Mfg Littleborough Location: Church Street , , Littleborough, Greater Manchester, OL15 8JA Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A14NE (E)	867	-	393449 416236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	Areas of Adopted Green Belt Authority: Rochdale Metropolitan Borough Council Plan Name: Rochdale Unitary Development Plan Status: Adopted Plan Date: 30th June 2006	A18SW (NW)	422	10	392429 416333
177	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	A9NW (SE)	517	9	392971 415569
178	Special Areas of Conservation Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 261103.36 Source: Natural England Reference: UK0030266 Status: Designated	A9NW (SE)	517	9	392971 415569

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Calderdale Metropolitan Borough Council - Environmental Health Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department	June 2020 October 2017 October 2017 October 2017 October 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually
Discharge Consents Environment Agency - North East Region Environment Agency - North West Region	April 2023 April 2023	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region Environment Agency - North West Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - North East Region Environment Agency - North West Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region Environment Agency - North West Region	January 2023 January 2023	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	July 2014 March 2015 May 2016 October 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	July 2014 March 2015 May 2016 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	July 2014 March 2015 May 2016 October 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	May 2023	
Pollution Incidents to Controlled Waters Environment Agency - North East Region Environment Agency - North West Region	December 1998 January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North East Region Environment Agency - North West Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North East Region Environment Agency - North West Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - North East Region Environment Agency - North West Region	June 2016 June 2016	As notified As notified
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	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2023 April 2023 April 2023 April 2023 April 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - North East Region Environment Agency - North West Region	April 2023 April 2023	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - North East Region Environment Agency - North West Region	October 2017 October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2023	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	March 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region Environment Agency - North West Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2023 January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2023 January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Calderdale Metropolitan Borough Council - Environmental Health Lancashire County Council - Waste Management Group Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Calderdale Metropolitan Borough Council - Environmental Health Lancashire County Council - Waste Management Group Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2006 March 2006 March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2018 April 2018 April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	June 2015 June 2015 June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	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 Lancashire County Council Calderdale Metropolitan Borough Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	April 2023 February 2016 February 2016 May 2023 May 2023	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Calderdale Metropolitan Borough Council Lancashire County Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016	Variable 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	June 2023	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	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	February 2023	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Calderdale Metropolitan Borough Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Calderdale Metropolitan Borough Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	March 2023	Bi-Annually
Marine Nature Reserves Natural England	April 2023	Bi-Annually
National Nature Reserves Natural England	February 2023	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 March 2023	Bi-Annually
Ramsar Sites Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2023	Bi-Annually
Special Areas of Conservation Natural England	April 2023	Bi-Annually
Special Protection Areas Natural England	April 2023	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
-	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.

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

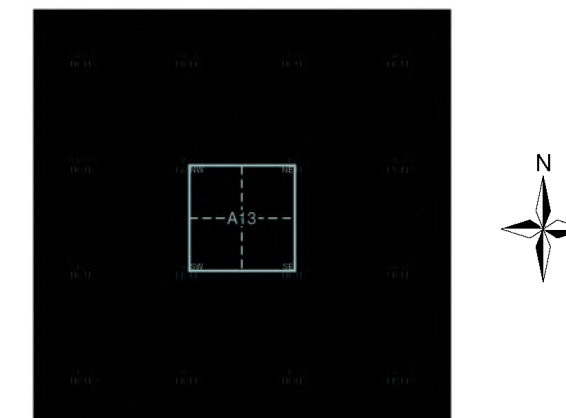
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A



Order Details

Order Number: 314513940_1_1
 Customer Ref: 79954
 National Grid Reference: 392620, 415950
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ

Industrial Land Use Map

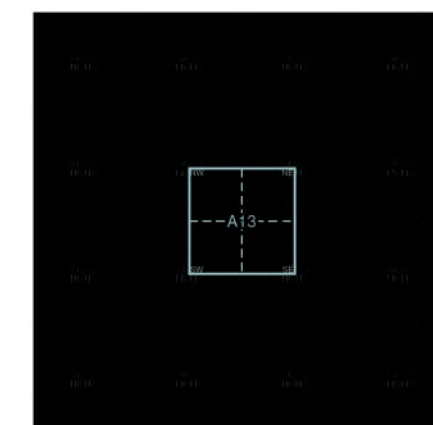
General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ

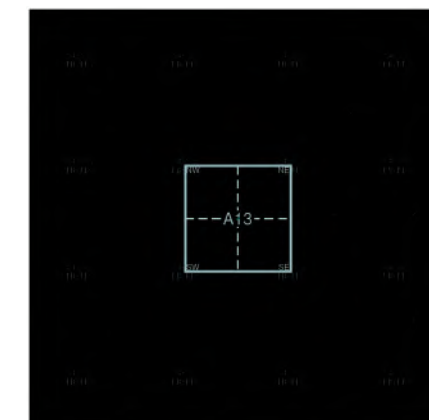
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A

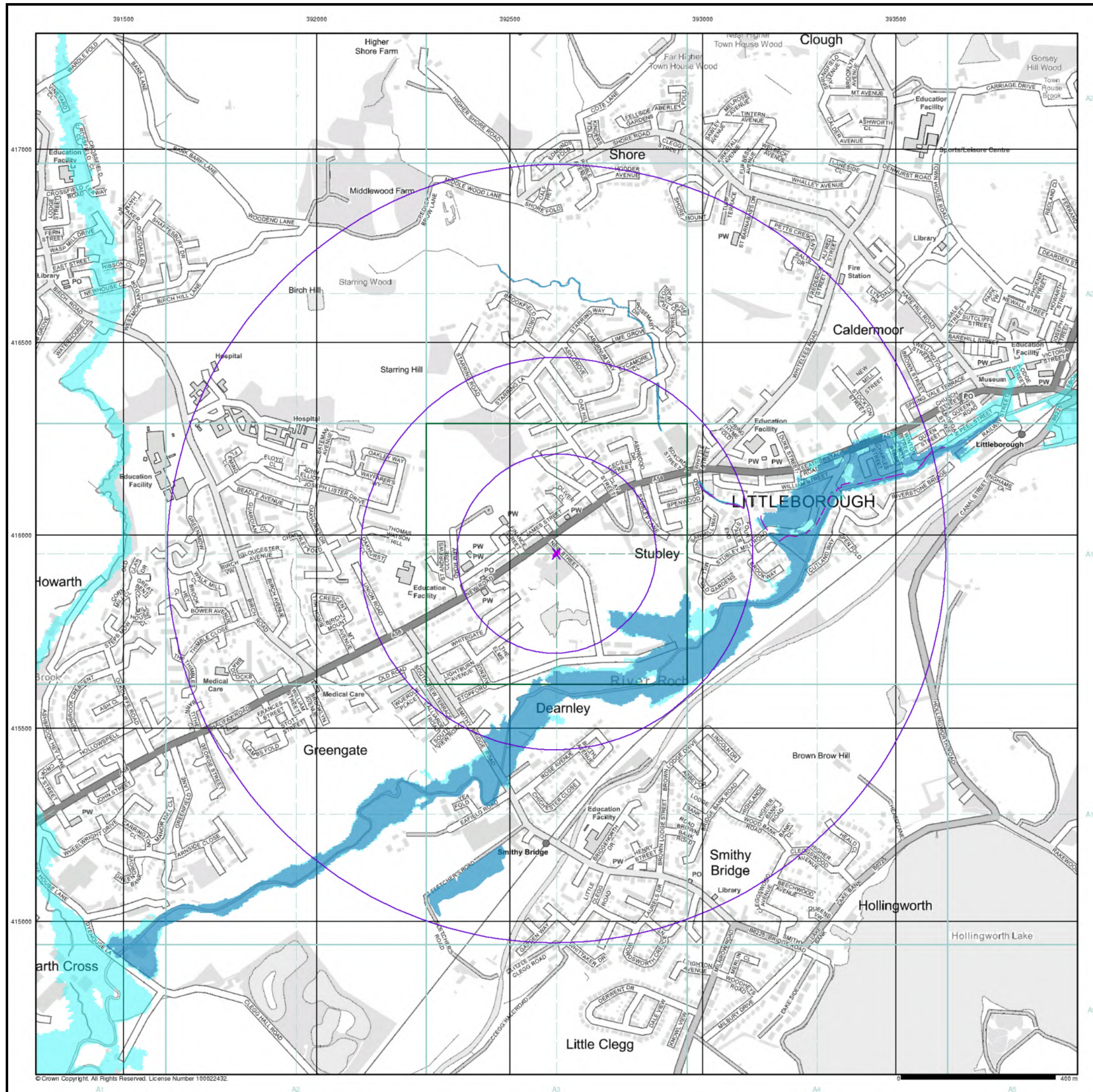


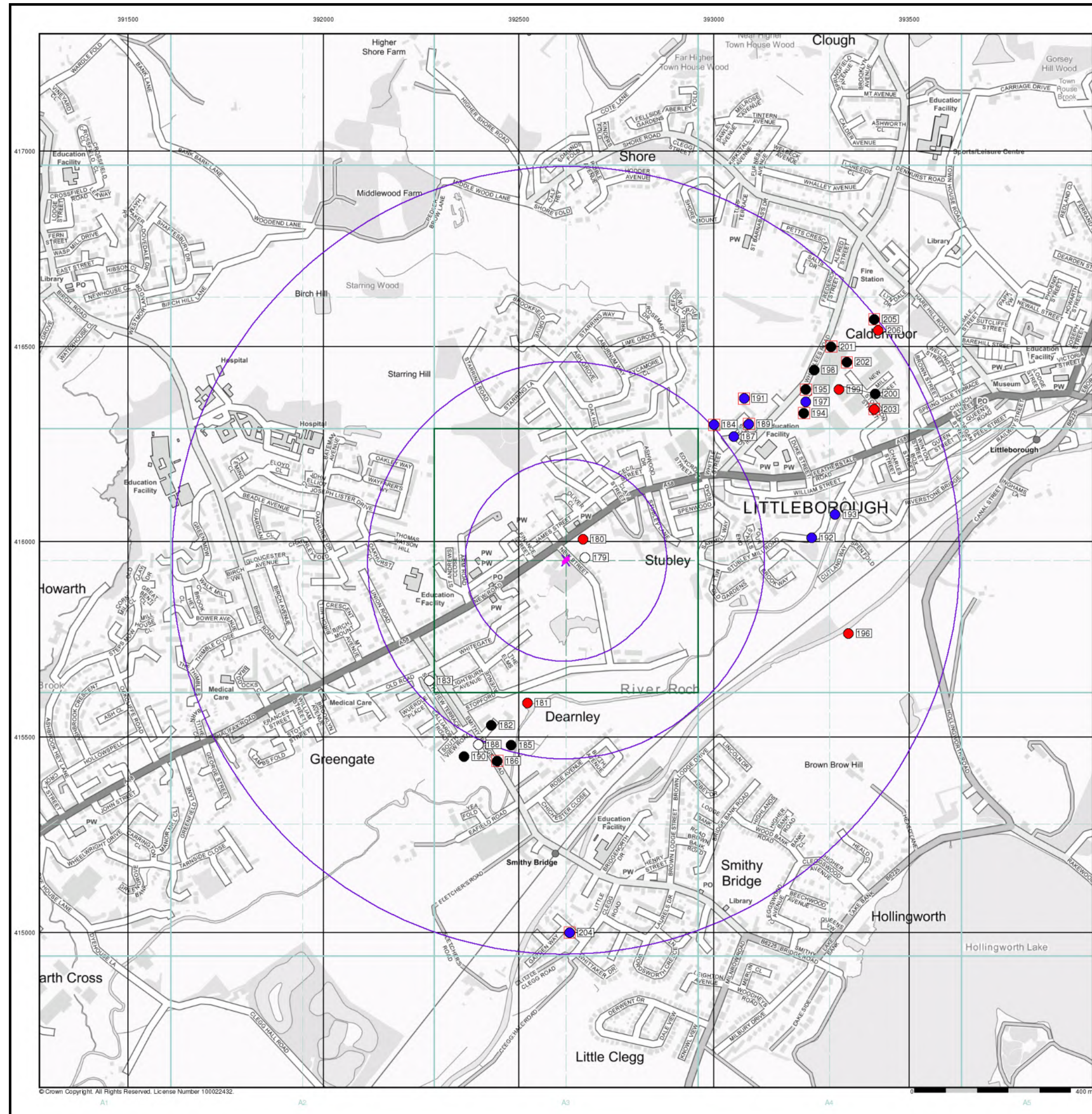
Order Details

Order Number: 314513940_1_1
 Customer Ref: 79954
 National Grid Reference: 392620, 415950
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ





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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

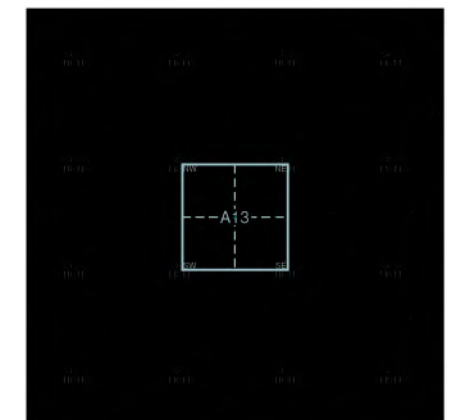
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

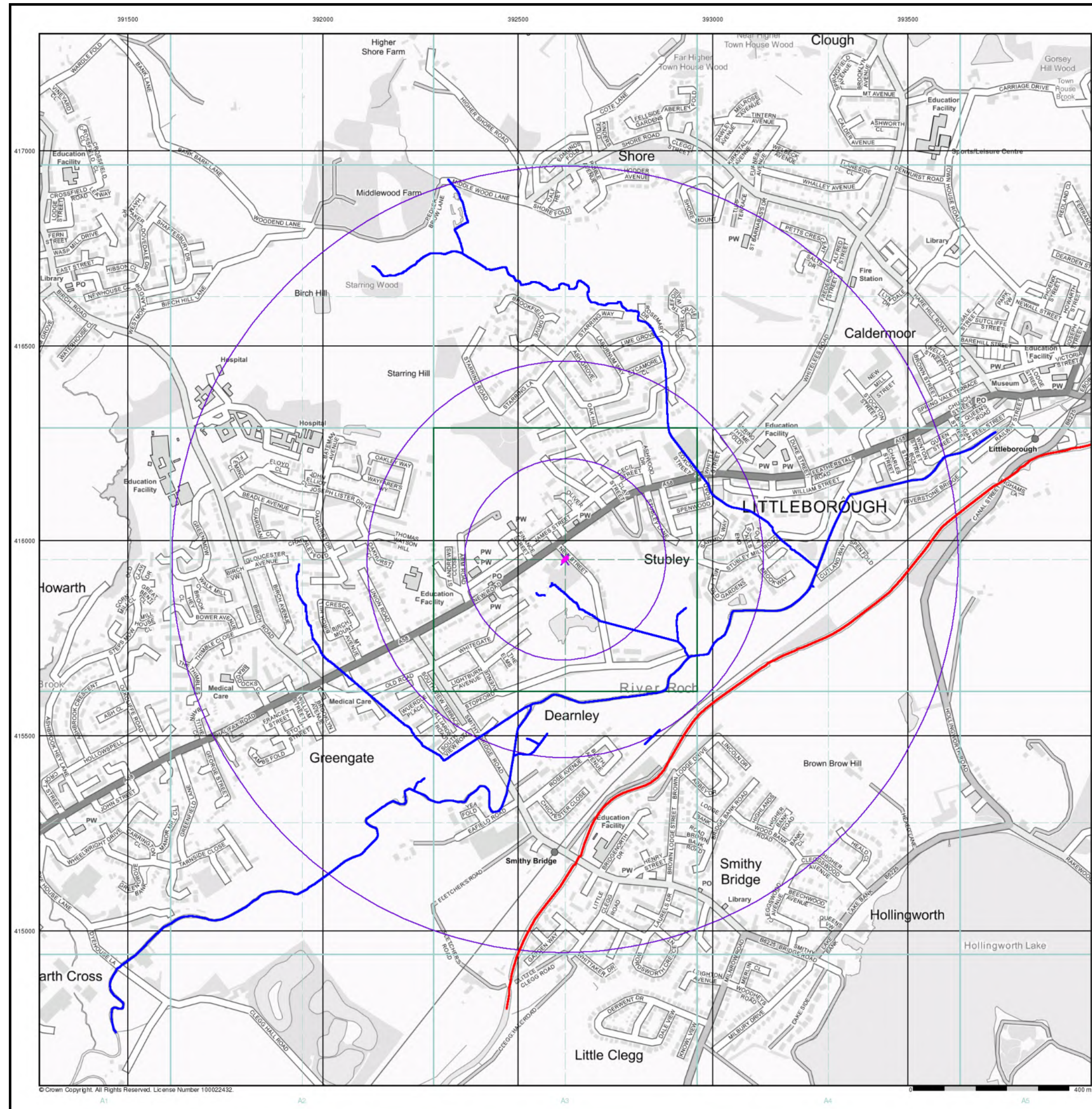


Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



General

Localities

Localities

Localities

OS Water Network Data

Mains

Sewers

Surface Water

Flood Defense

Tidal River

Inland River

Main

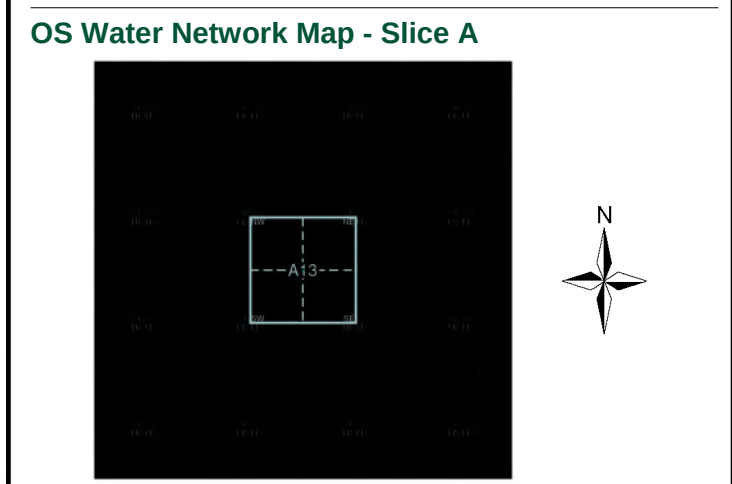
Sewer

Surface Water

Flood Defense

Tidal River

Inland River



Order Details

Order Number: 314513940_1_1

Customer Ref: 79954

National Grid Reference: 392620, 415950

Slice: A

Site Area (Ha): 0.01

Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ

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

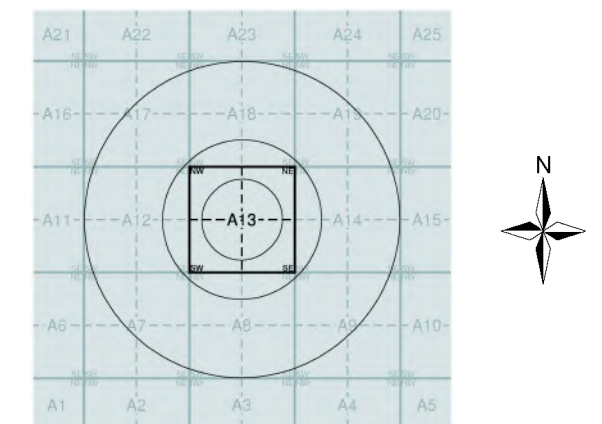
1:10,000 Raster Mapping

	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	1851	2
Yorkshire	1:10,560	1854	3
Lancashire And Furness	1:10,560	1894	4
Yorkshire	1:10,560	1894 - 1895	5
Yorkshire	1:10,560	1910 - 1911	6
Yorkshire	1:10,560	1910 - 1911	7
Lancashire And Furness	1:10,560	1911	8
Lancashire And Furness	1:10,560	1932	9
Lancashire And Furness	1:10,560	1938	10
Ordnance Survey Plan	1:10,000	1956	11
Ordnance Survey Plan	1:10,000	1967 - 1968	12
Ordnance Survey Plan	1:10,000	1978 - 1979	13
Ordnance Survey Plan	1:10,000	1990	14
10K Raster Mapping	1:10,000	1999	15
Street View	Variable		16

Historical Map - Slice A

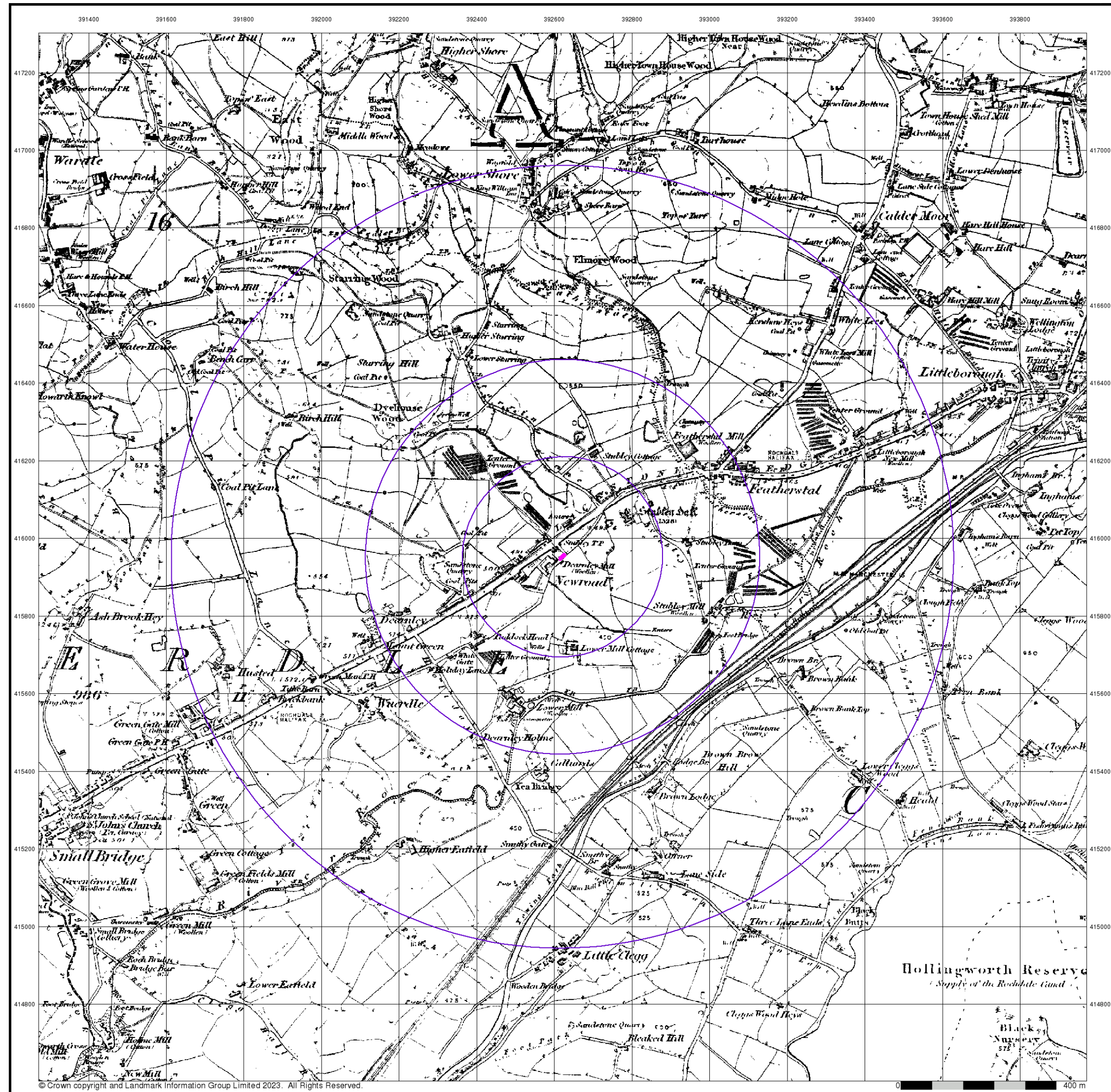


Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

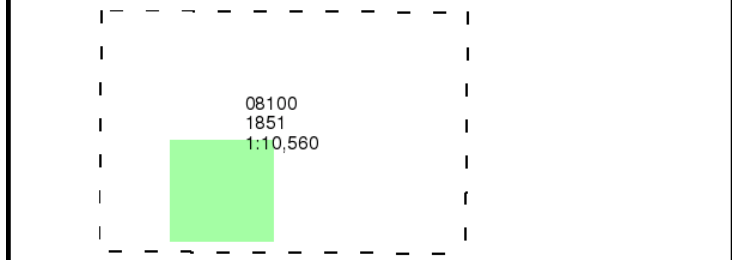
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



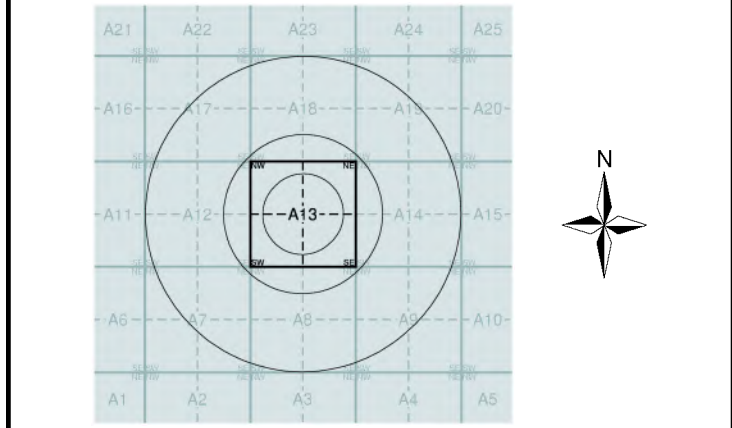
Lancashire And Furness
Published 1851
Source map scale - 1:10,560

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)

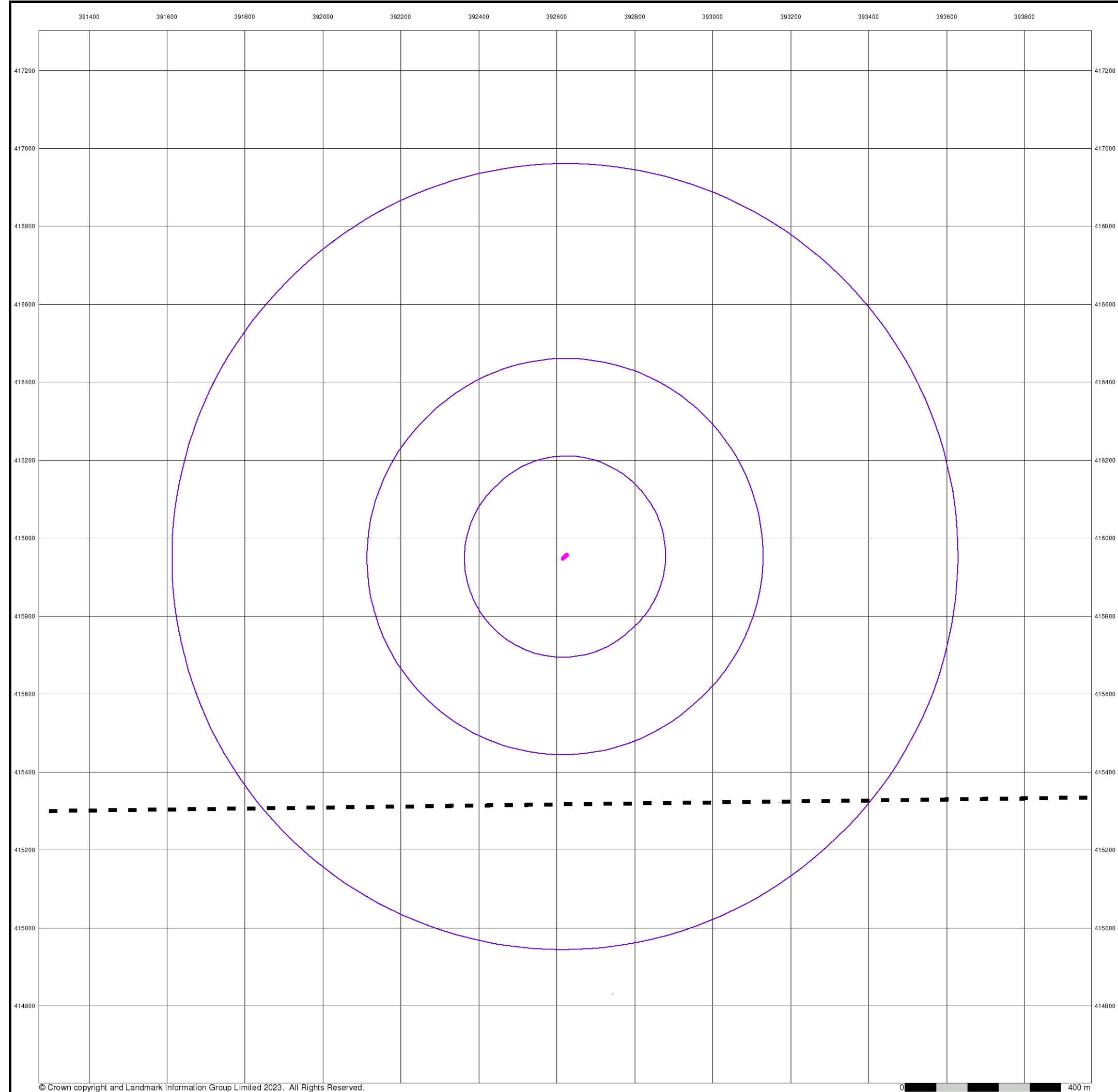


Historical Map - Slice A



Order Details	
Order Number:	314513940_1_1
Customer Ref:	79954
National Grid Reference:	392620, 415950
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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)

24400
1854
1:10,560

25800
1854
1:10,560

Historical Map - Slice A

A detailed view of a historical map slice, labeled 'A'. It shows a grid of squares with labels A1 through A25. Concentric circles are drawn over the grid, centered on a square labeled A13. A north arrow is located to the right of the grid.

Order Details

Order Number:	314513940_1_1
Customer Ref:	79954
National Grid Reference:	392620, 415950
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ

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A Landmark Information Group Service v50.0 20-Jul-2023 Page 3 of 16



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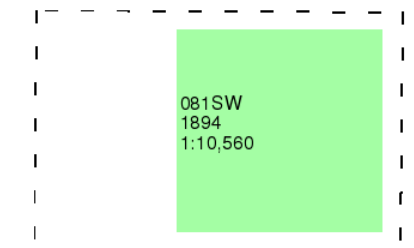
Lancashire And Furness

Published 1894

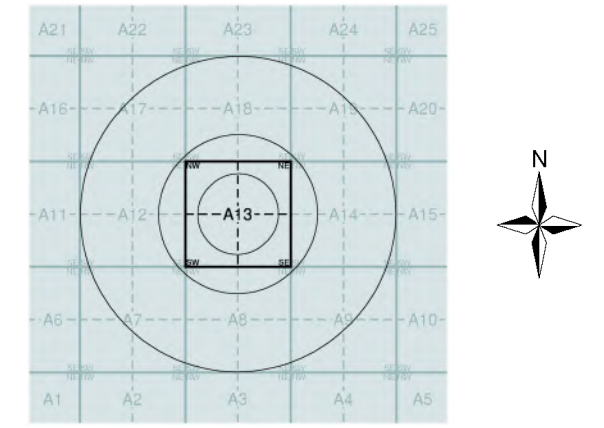
Source map scale - 1:10,560

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

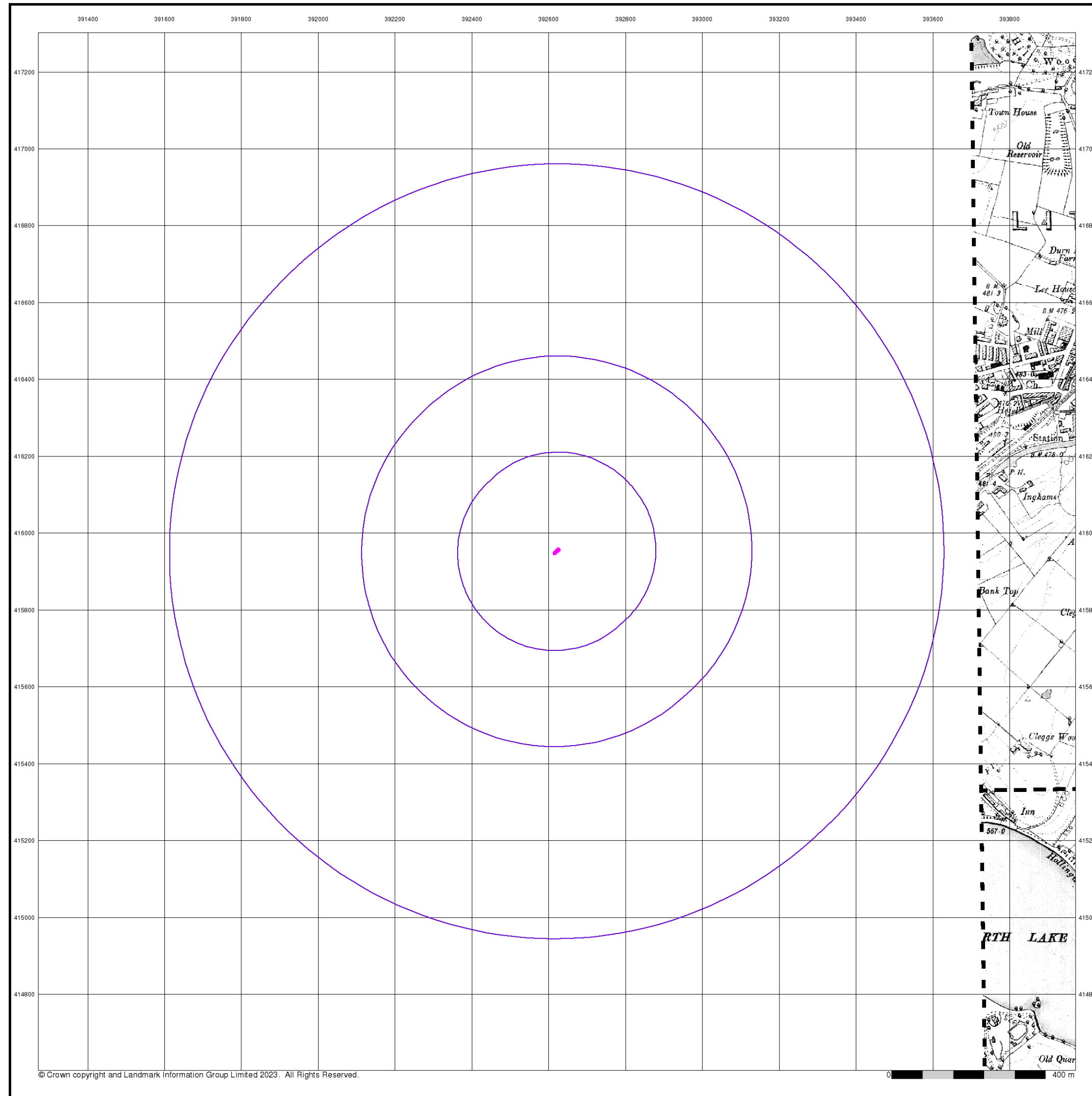


Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



Yorkshire

Published 1894 - 1895

Source map scale - 1:10,560

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Map Name(s) and Date(s)

244SE
1894
1:10,560

258NE
1895
1:10,560

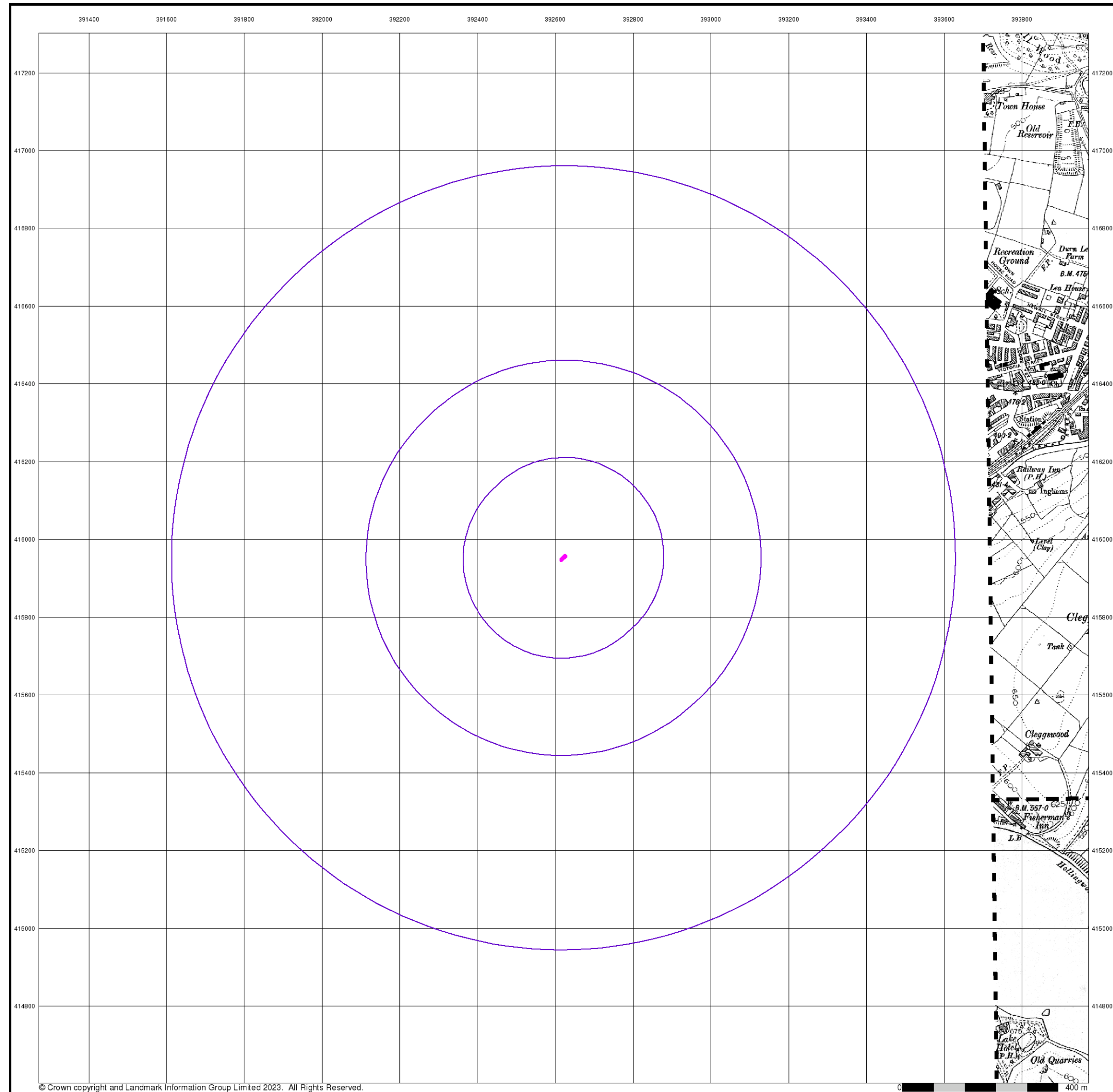
Historical Map - Slice A

Order Details

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Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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Yorkshire

Published 1910 - 1911

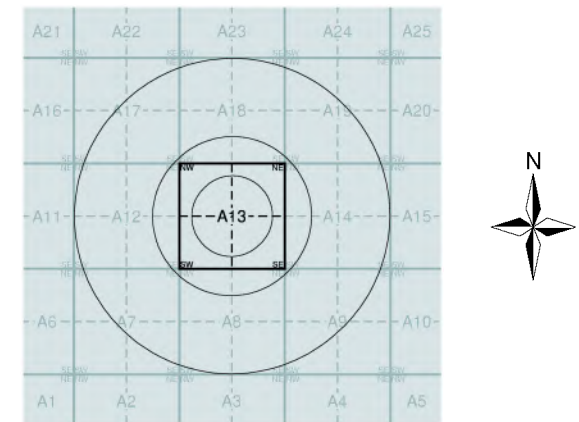
Source map scale - 1:10,560

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)

244SE
1911
1:10,560
258NE
1910
1:10,560

Historical Map - Slice A



Order Details

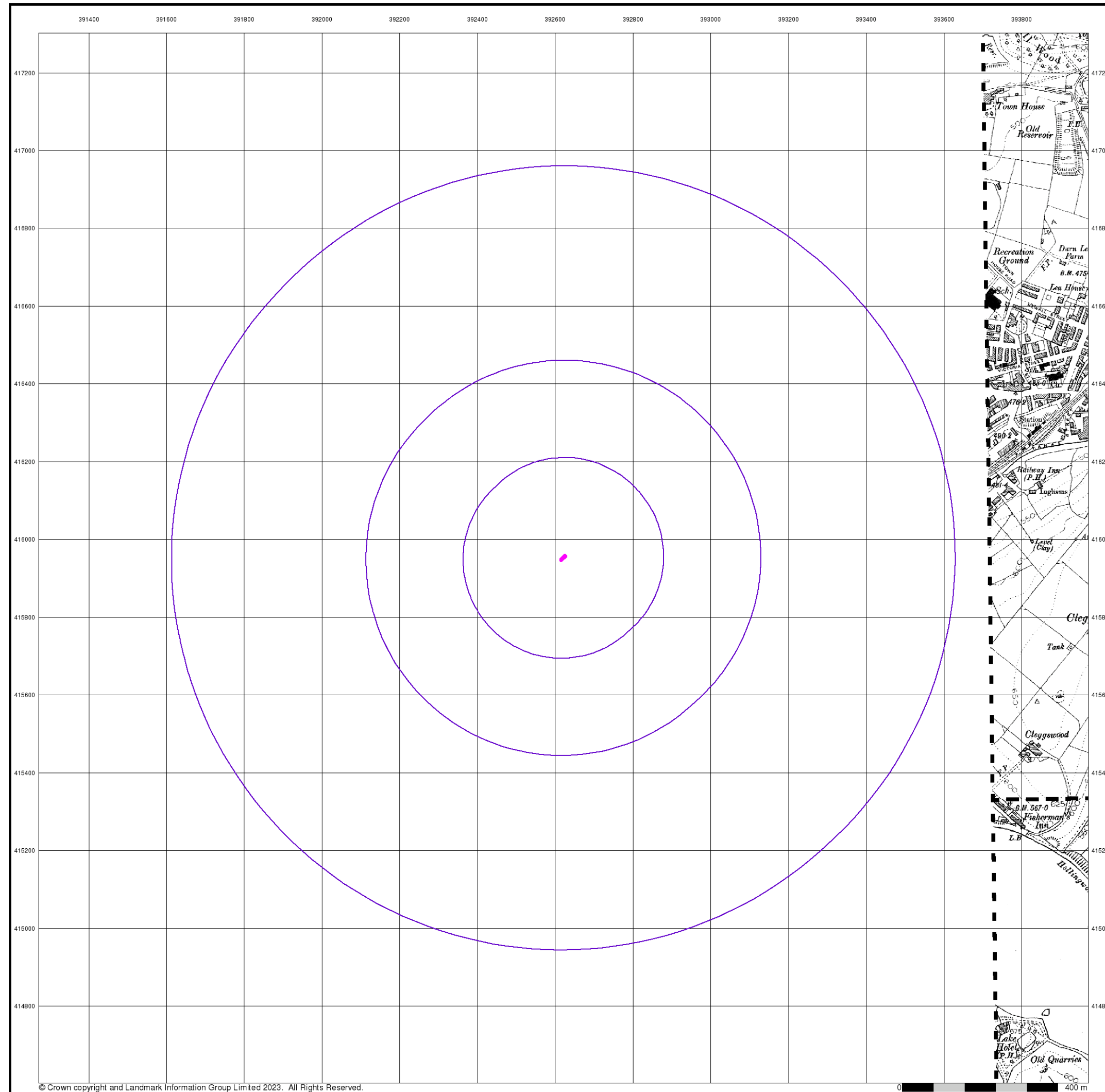
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National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

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Yorkshire

Published 1910 - 1911

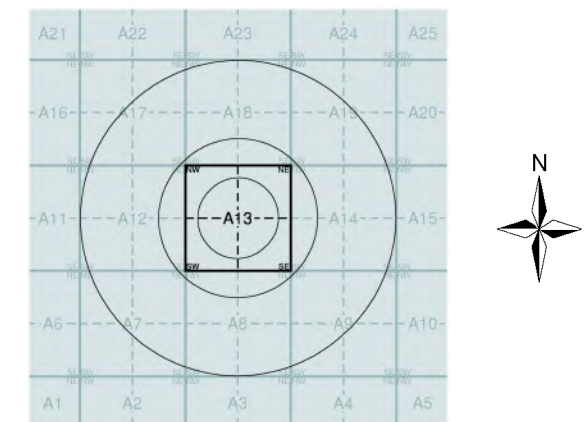
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Map Name(s) and Date(s)

244SE
1911
1:10,560
258NE
1910
1:10,560

Historical Map - Slice A



Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
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Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ

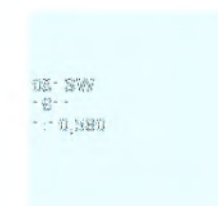
Lancashire And Furness

Published 1911

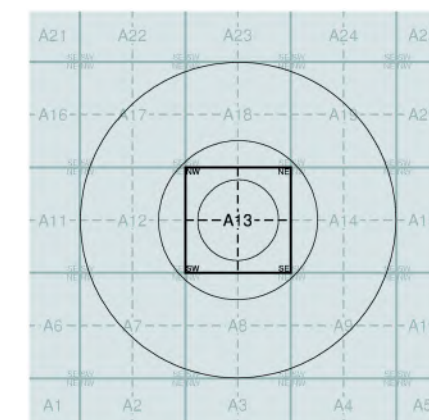
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



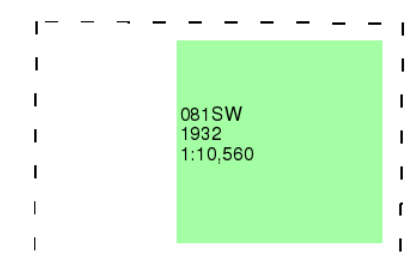
Lancashire And Furness

Published 1932

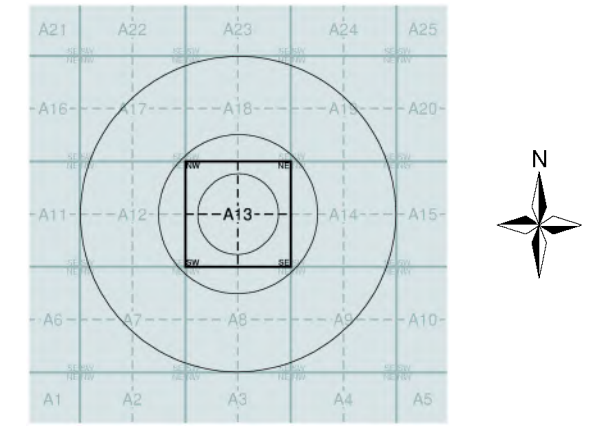
Source map scale - 1:10,560

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

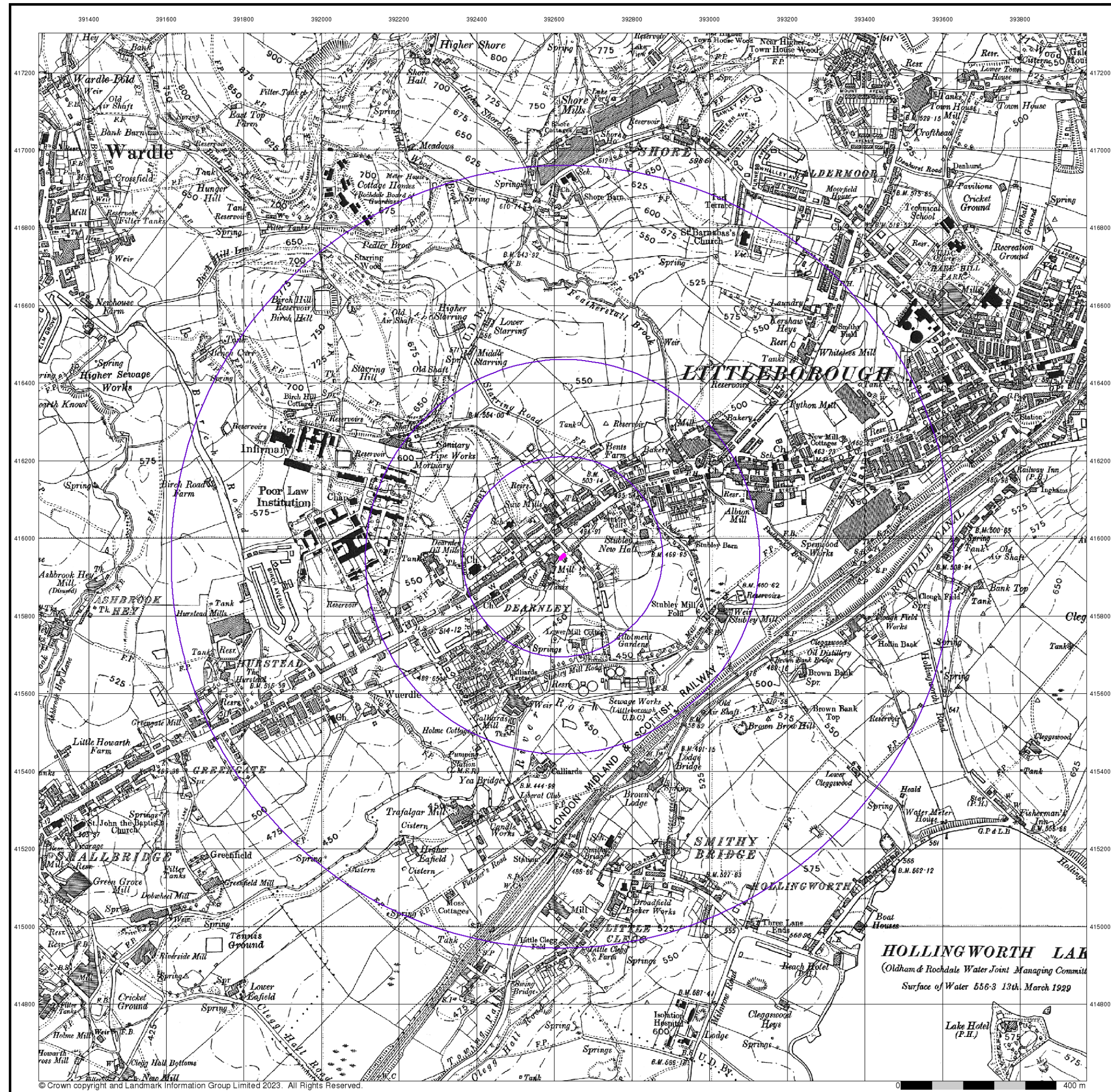


Order Details

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Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
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Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ

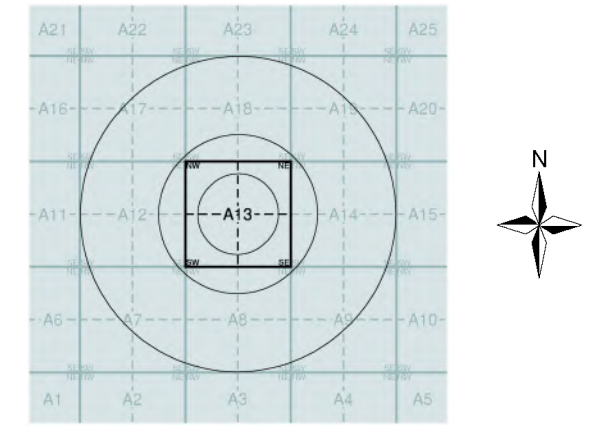


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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

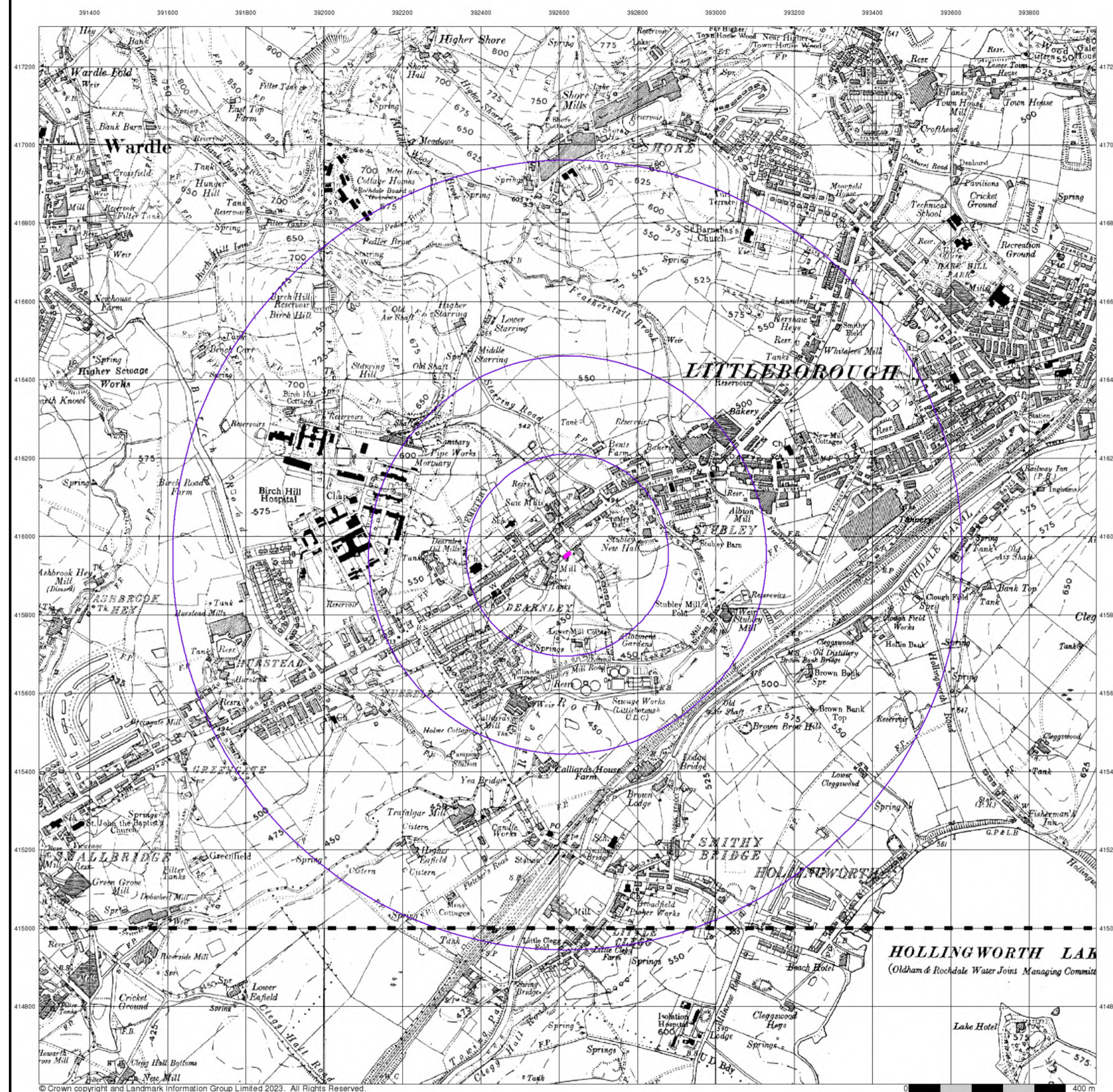


Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



Ordnance Survey Plan

Published 1956

Source map scale - 1:10,000

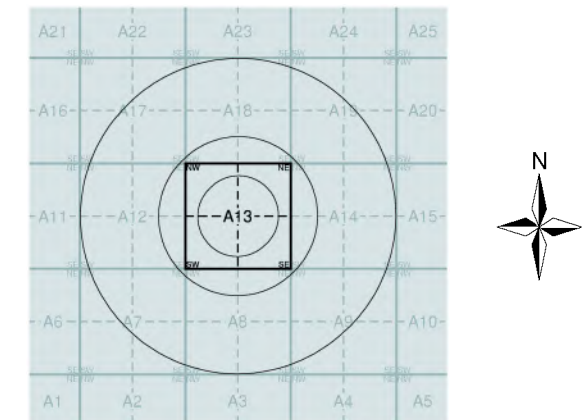
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)

SD91NW
1956
1:10,560

SD91SW
1956
1:10,560

Historical Map - Slice A



Order Details

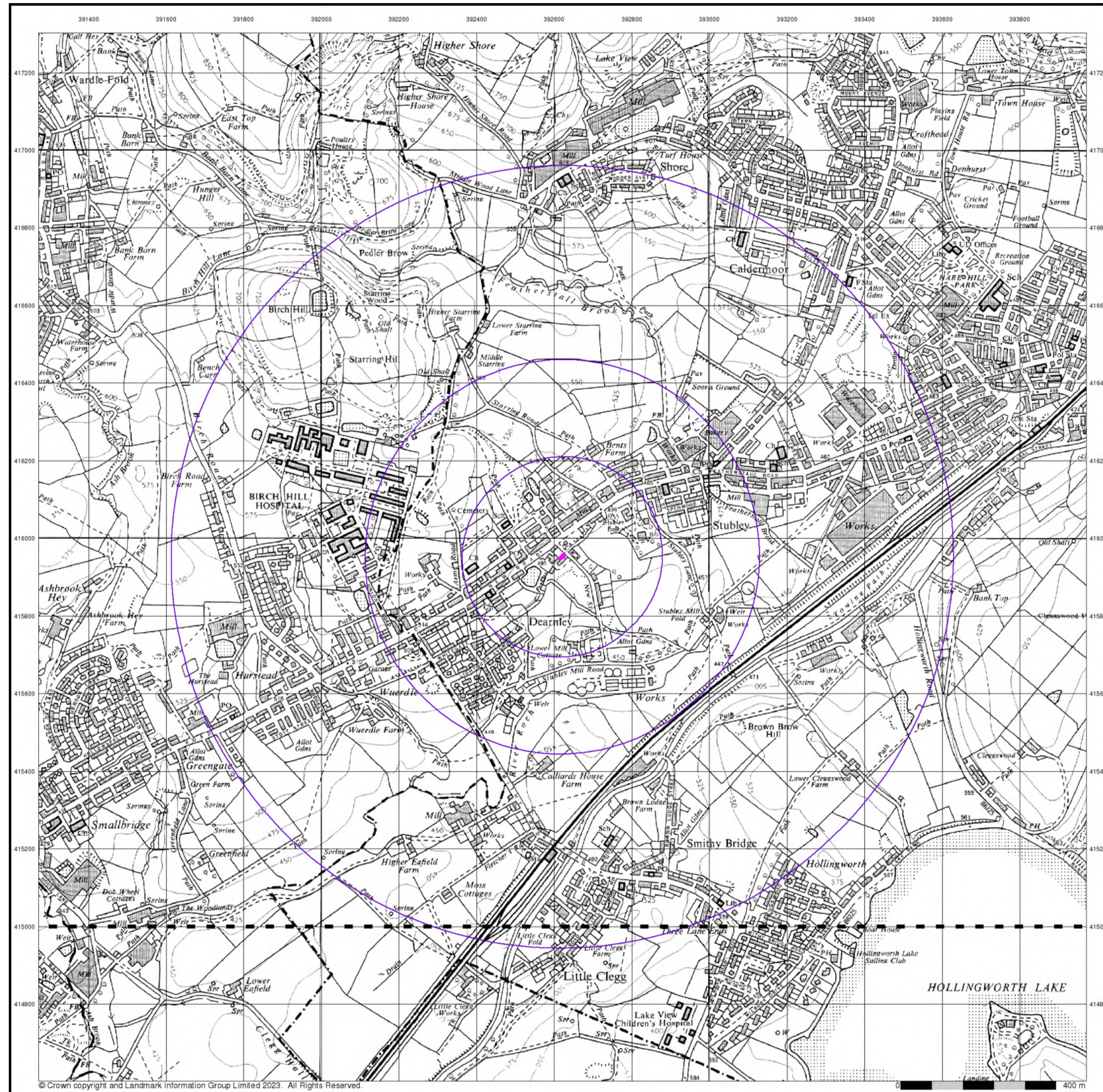
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Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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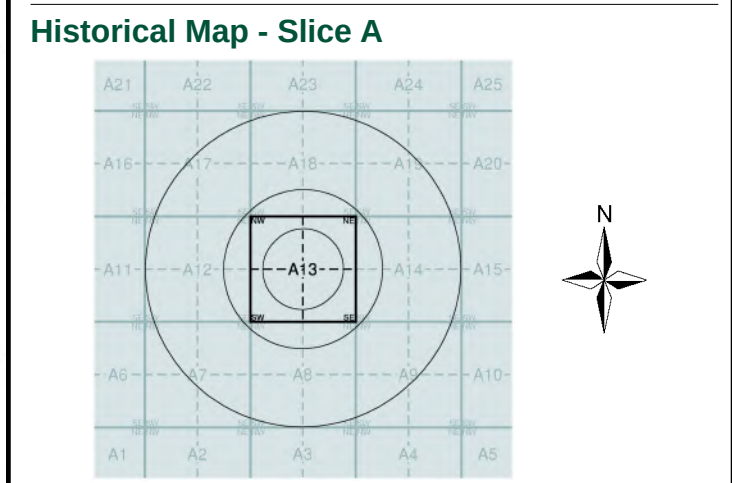
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Ordnance Survey Plan
Published 1967 - 1968
Source map scale - 1:10,000

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)

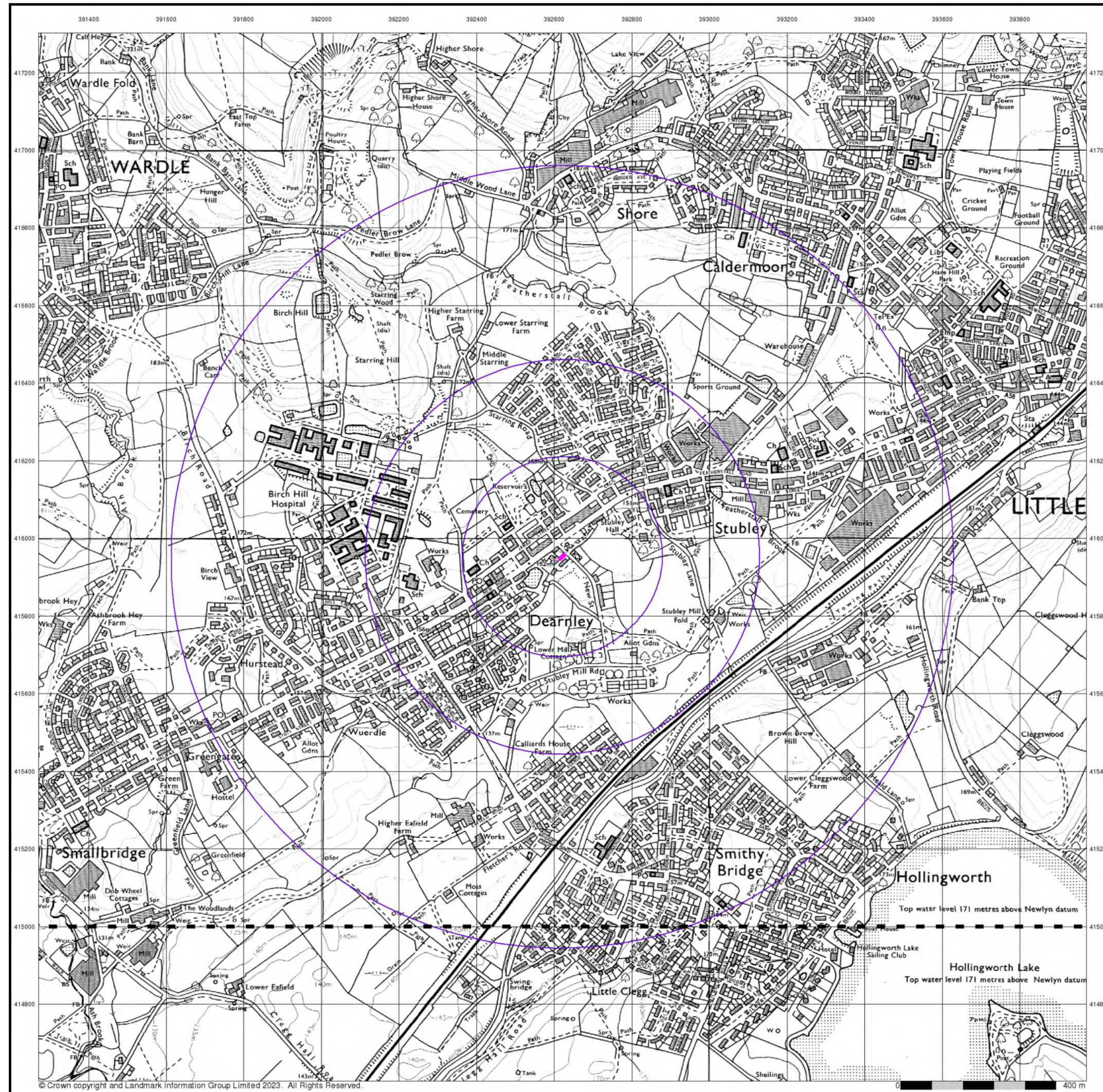
SD91NW	1968
1:10,560	
SD91SW	1967
1:10,560	



Order Details

Order Number:	314513940_1_1
Customer Ref:	79954
National Grid Reference:	392620, 415950
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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Ordnance Survey Plan

Published 1978 - 1979

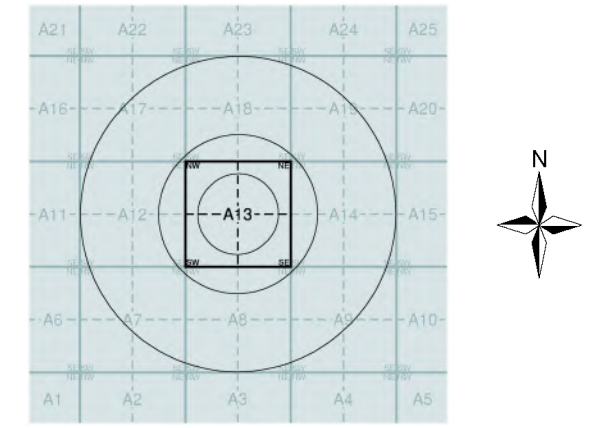
Source map scale - 1:10,000

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)

SD91NW	1978
1:10,000	
SD91SW	1979
1:10,000	

Historical Map - Slice A



Order Details

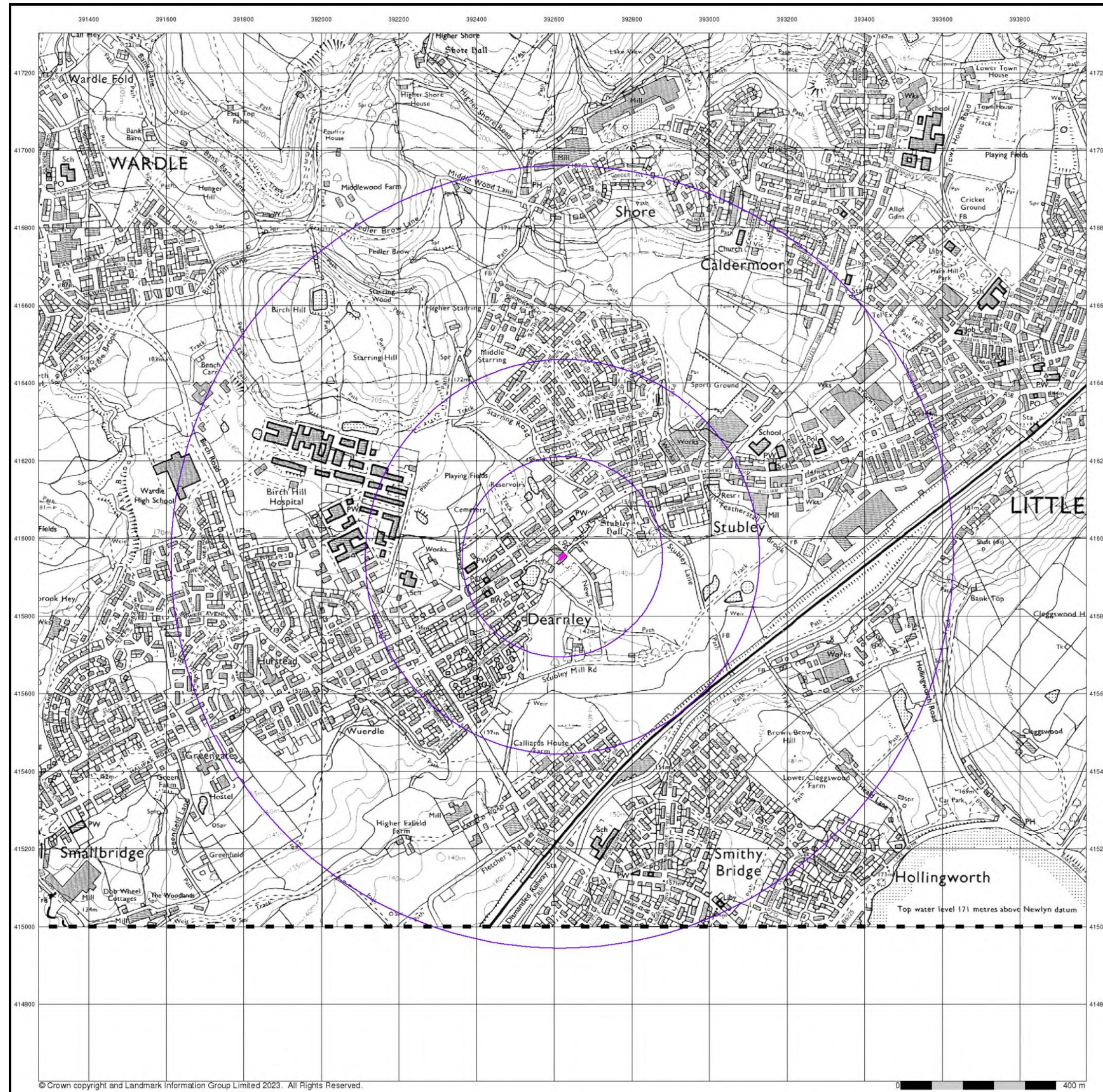
Order Number:	314513940_1_1
Customer Ref:	79954
National Grid Reference:	392620, 415950
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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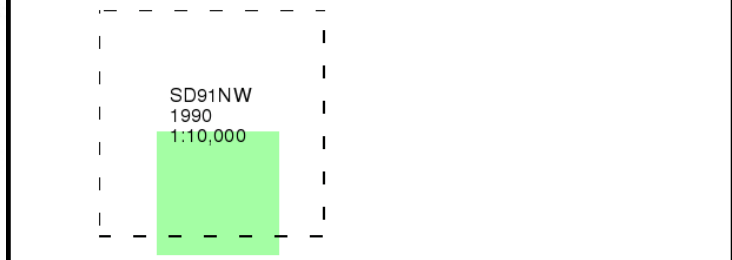
Ordnance Survey Plan

Published 1990

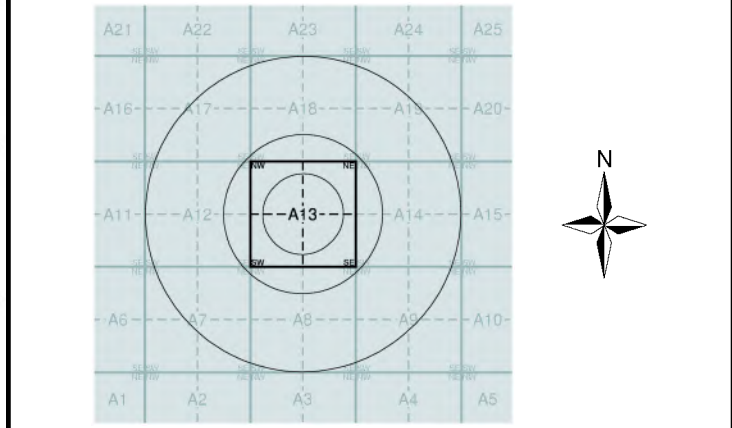
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details	
Order Number:	314513940_1_1
Customer Ref:	79954
National Grid Reference:	392620, 415950
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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

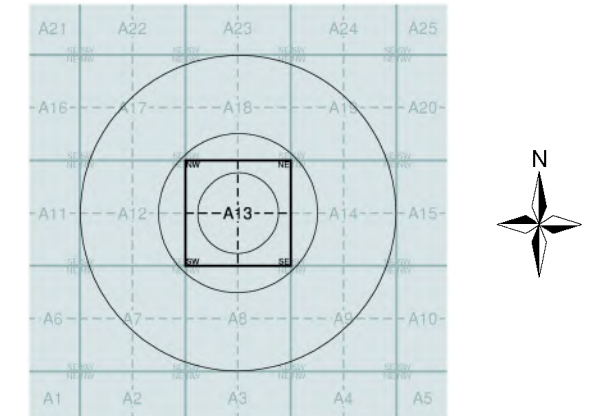
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

SD91NW
1999
1:10,000

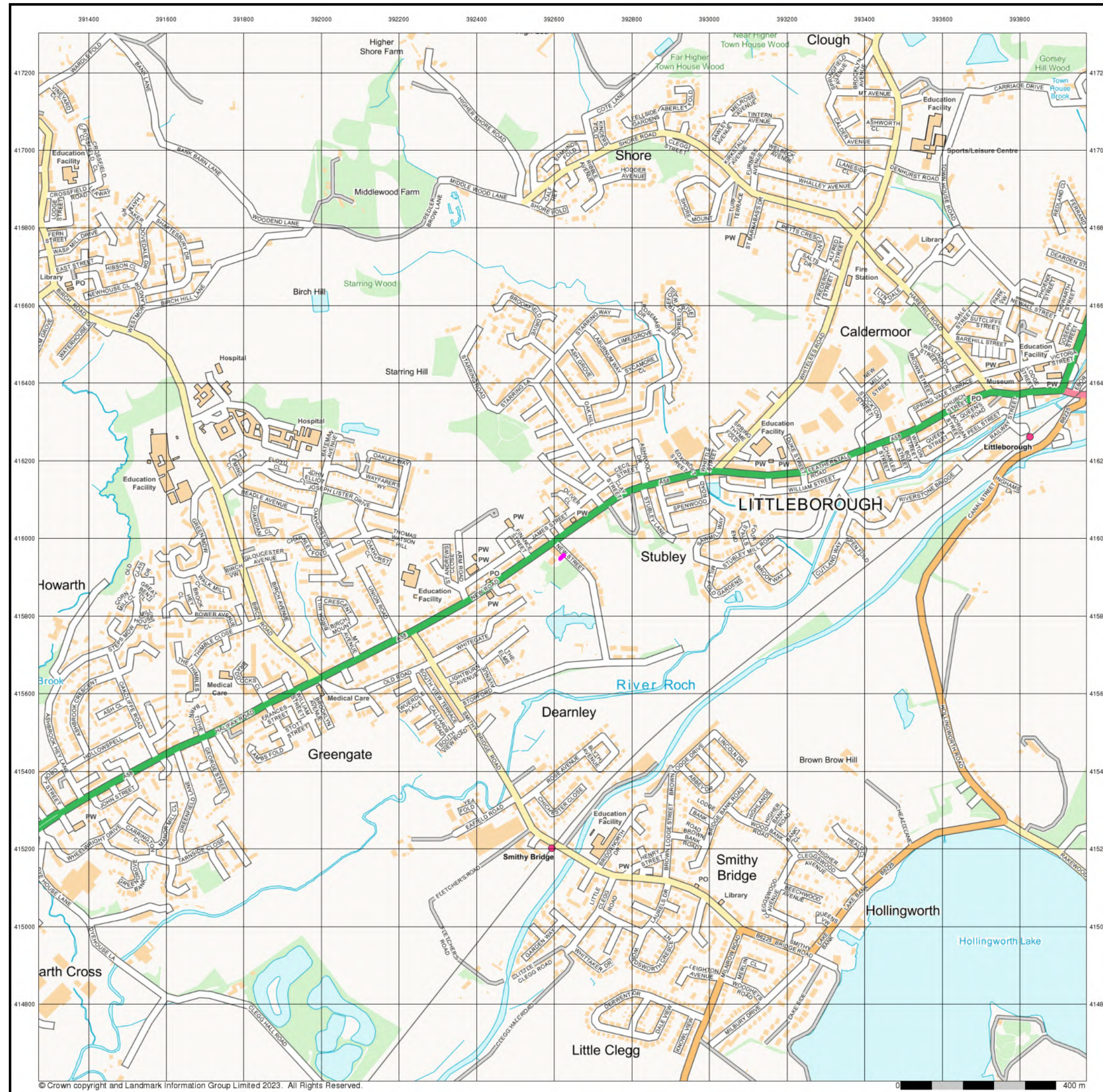
SD91SW
1999
1:10,000

Historical Map - Slice A



Order Details
Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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Street View

Published 2023

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

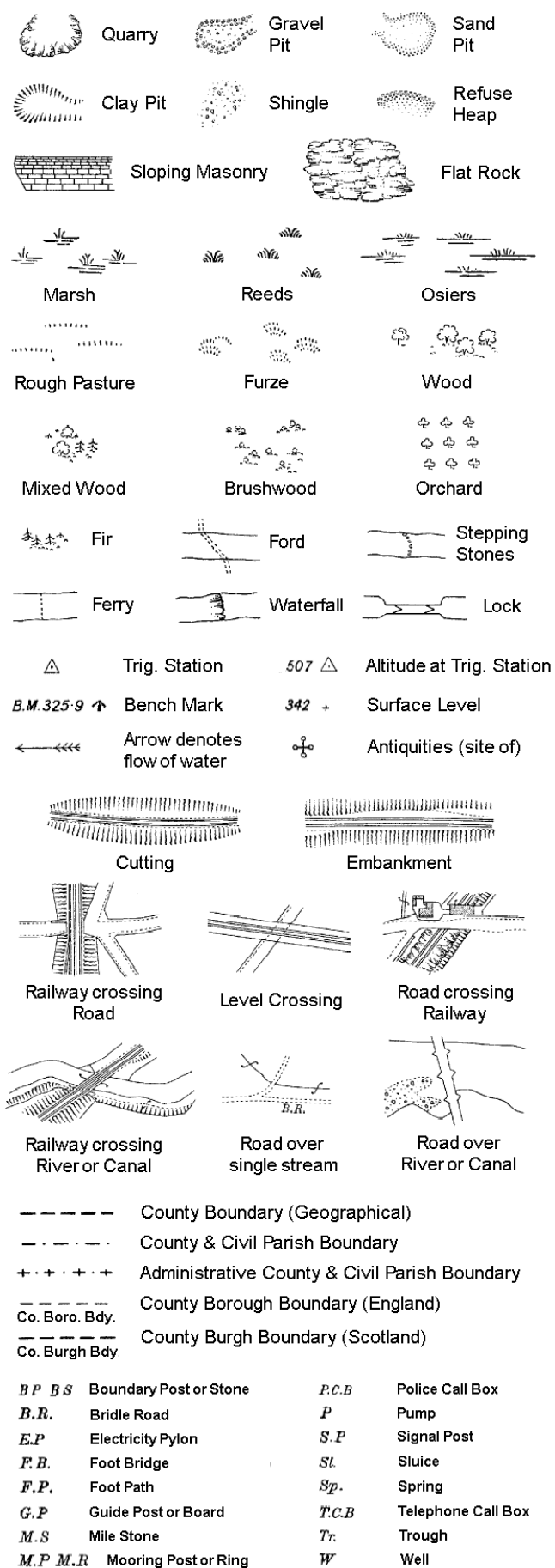
Order Number:	314513940_1_1
Customer Ref:	79954
National Grid Reference:	392620, 415950
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

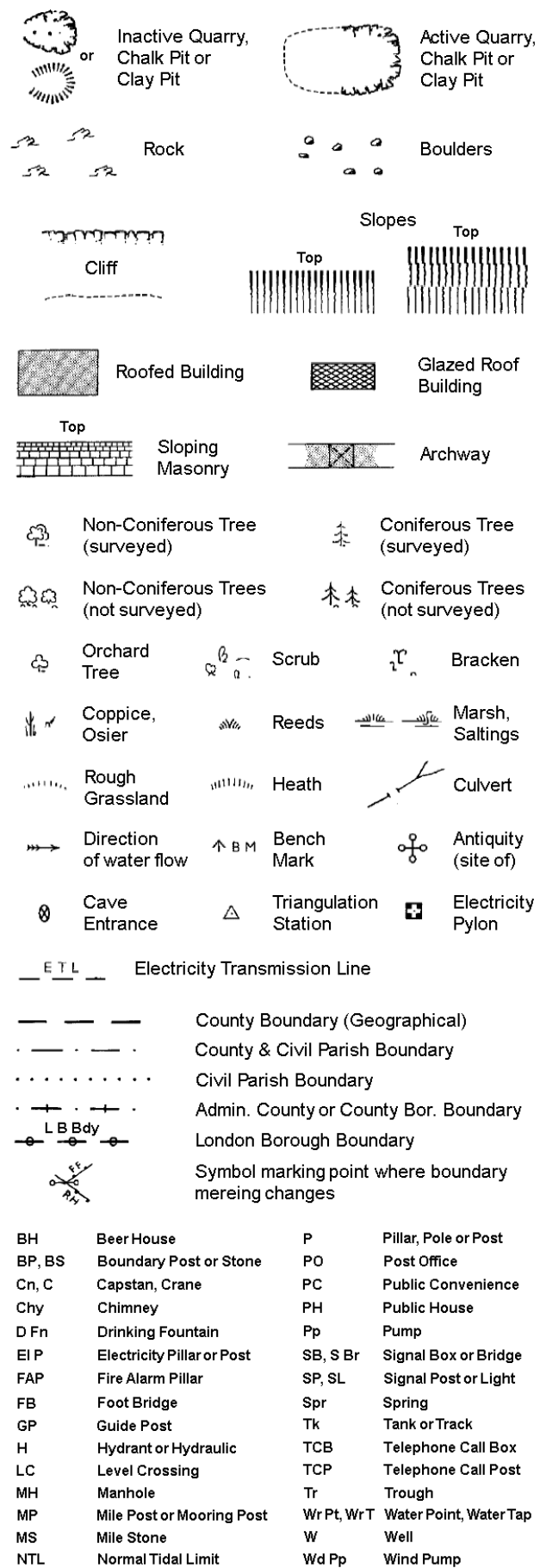
Land opposite 11-15 New Road, Rochdale, OL15 8PJ

Historical Mapping Legends

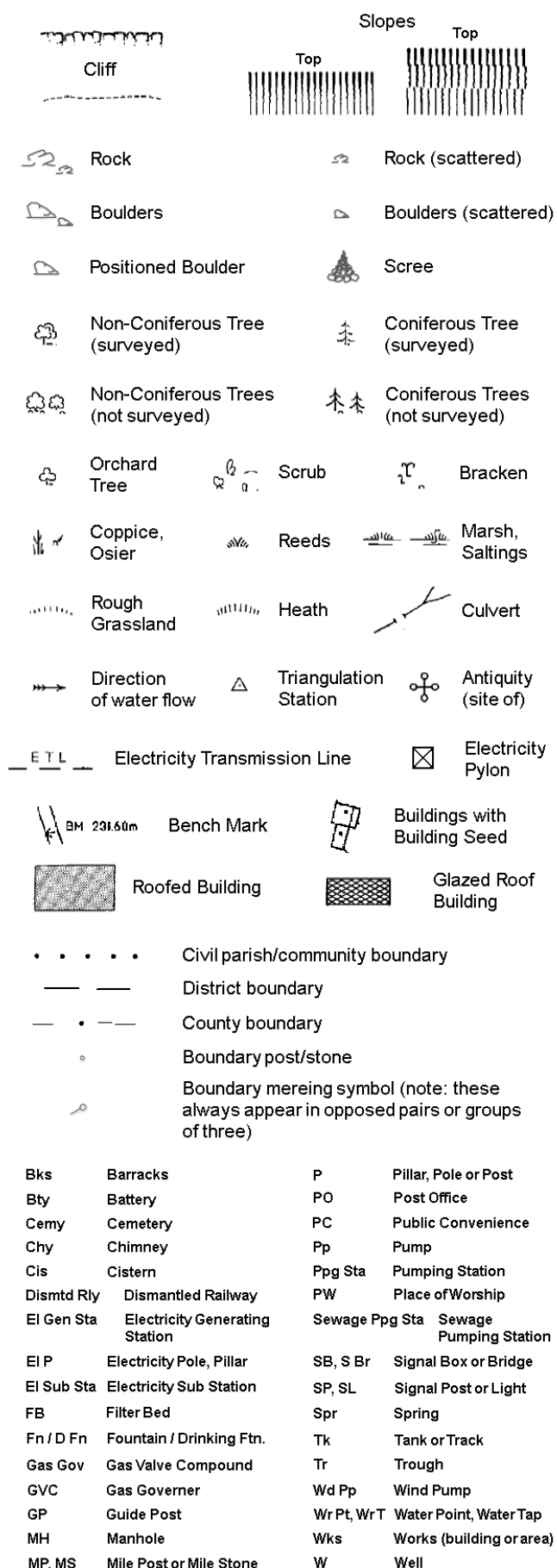
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



Ordinance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information



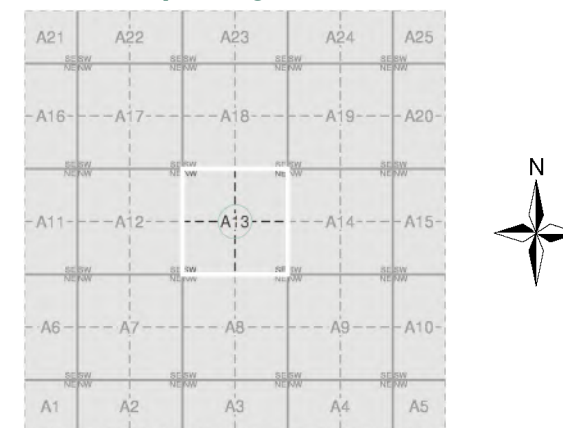
Large-Scale National Grid Data 1:2,500 and 1:1,250



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	1930	4
Lancashire And Furness	1:2,500	1937 - 1938	5
Ordnance Survey Plan	1:1,250	1960	6
Ordnance Survey Plan	1:2,500	1961	7
Ordnance Survey Plan	1:1,250	1971 - 1974	8
Additional SIMs	1:1,250	1978 - 1984	9
Additional SIMs	1:1,250	1987 - 1988	10
Large-Scale National Grid Data	1:1,250	1992	11
Large-Scale National Grid Data	1:1,250	1994	12
Large-Scale National Grid Data	1:1,250	1996	13

Historical Map - Segment A13



Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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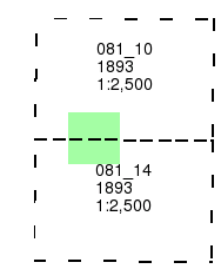
Lancashire And Furness

Published 1893

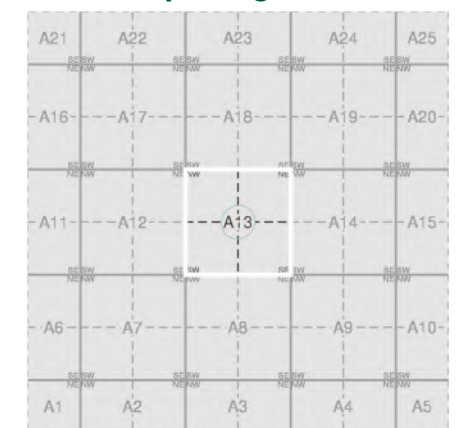
Source map scale - 1:2,500

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

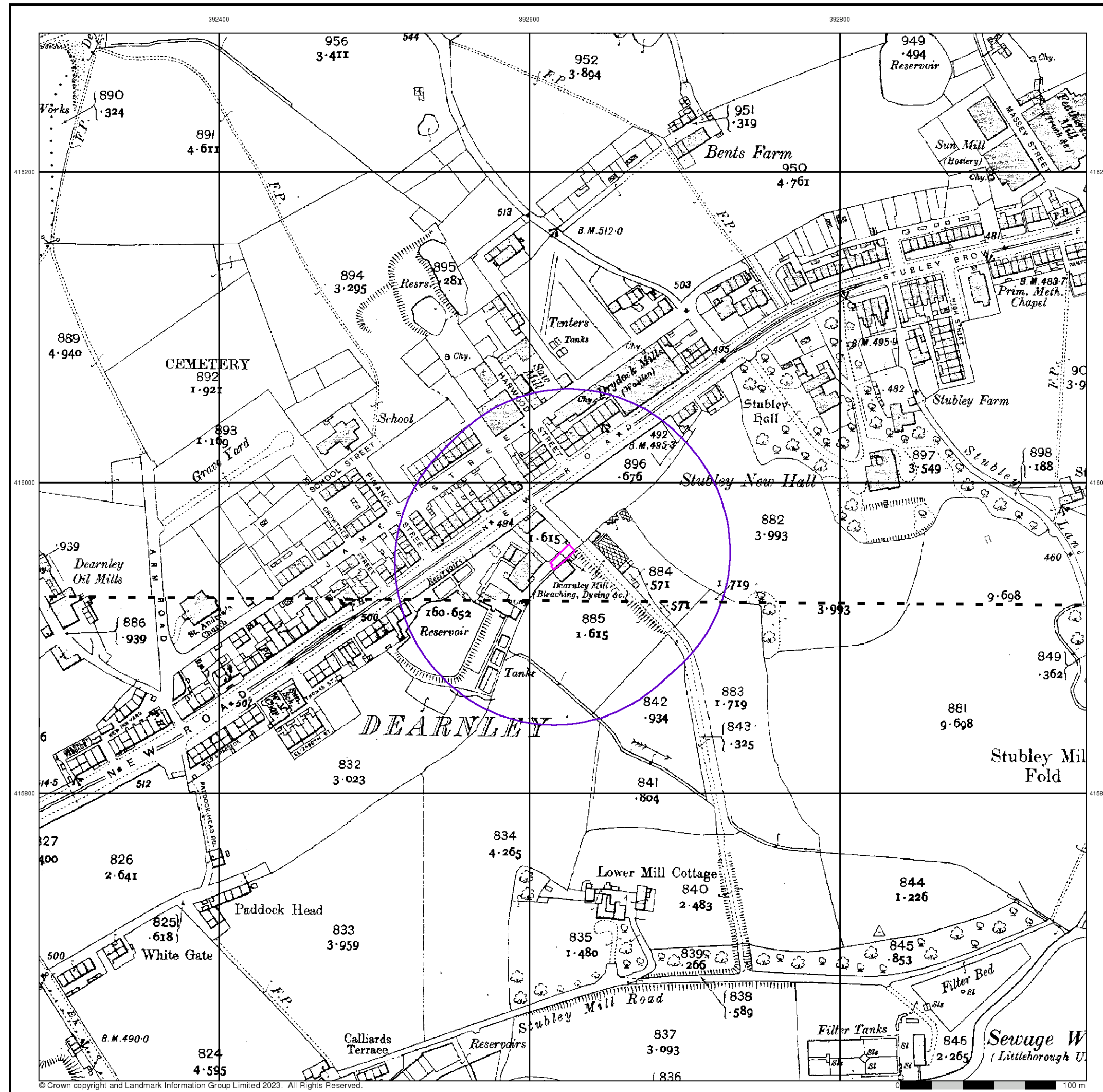


Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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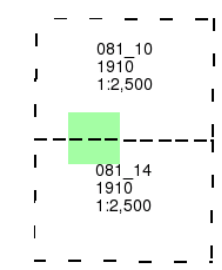
Lancashire And Furness

Published 1910

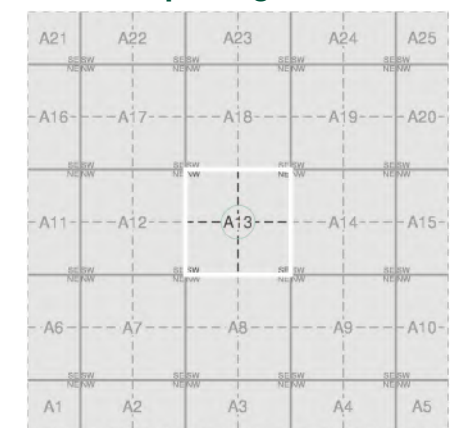
Source map scale - 1:2,500

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: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

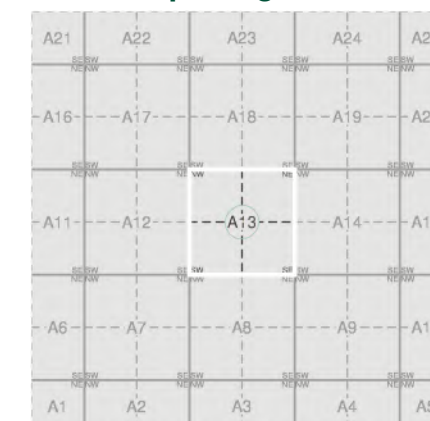
Land opposite 11-15 New Road, Rochdale, OL15 8PJ

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)

081_10
1930
1:2,500
081_14
1930
1:2,500

Historical Map - Segment A13

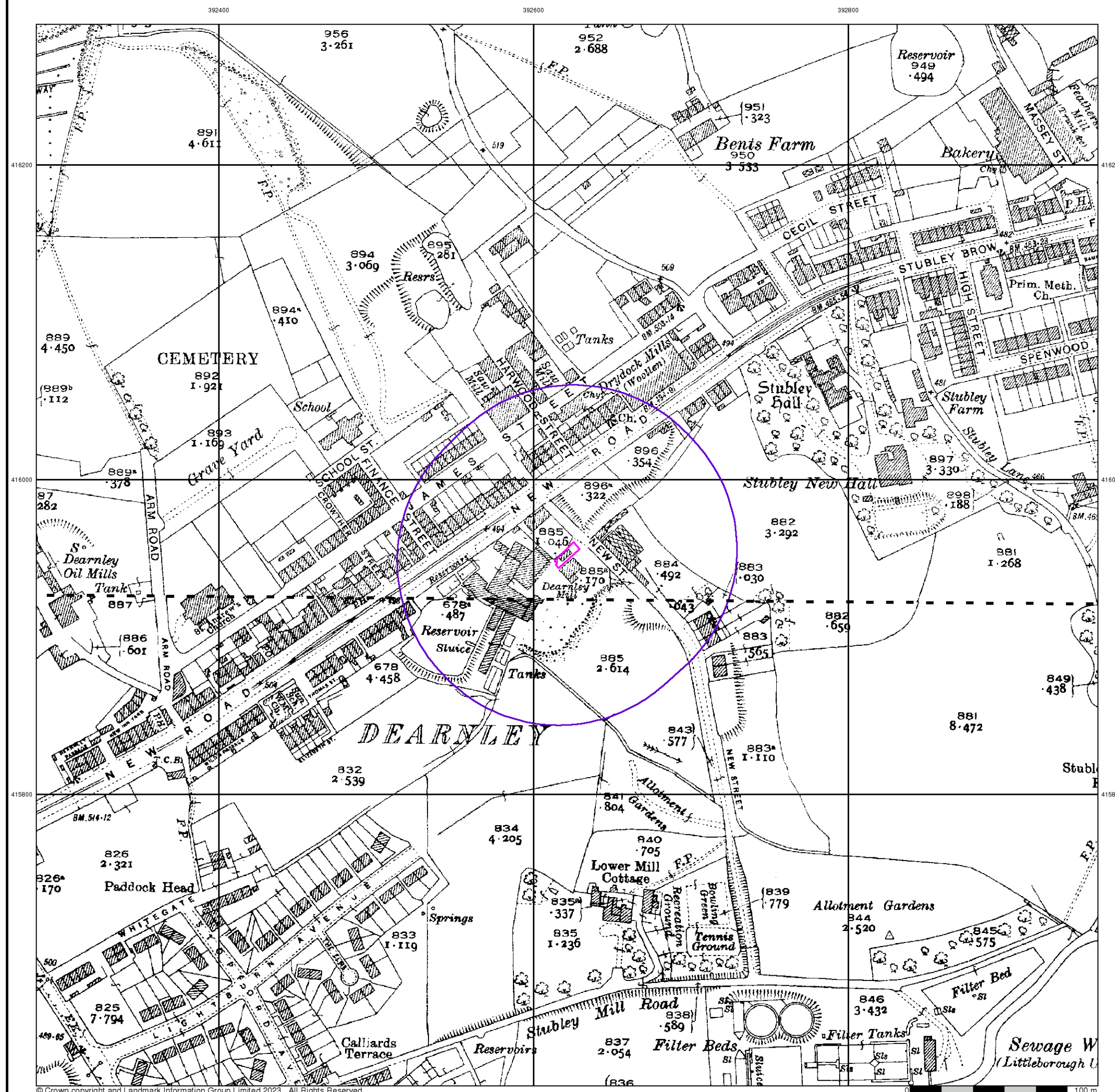


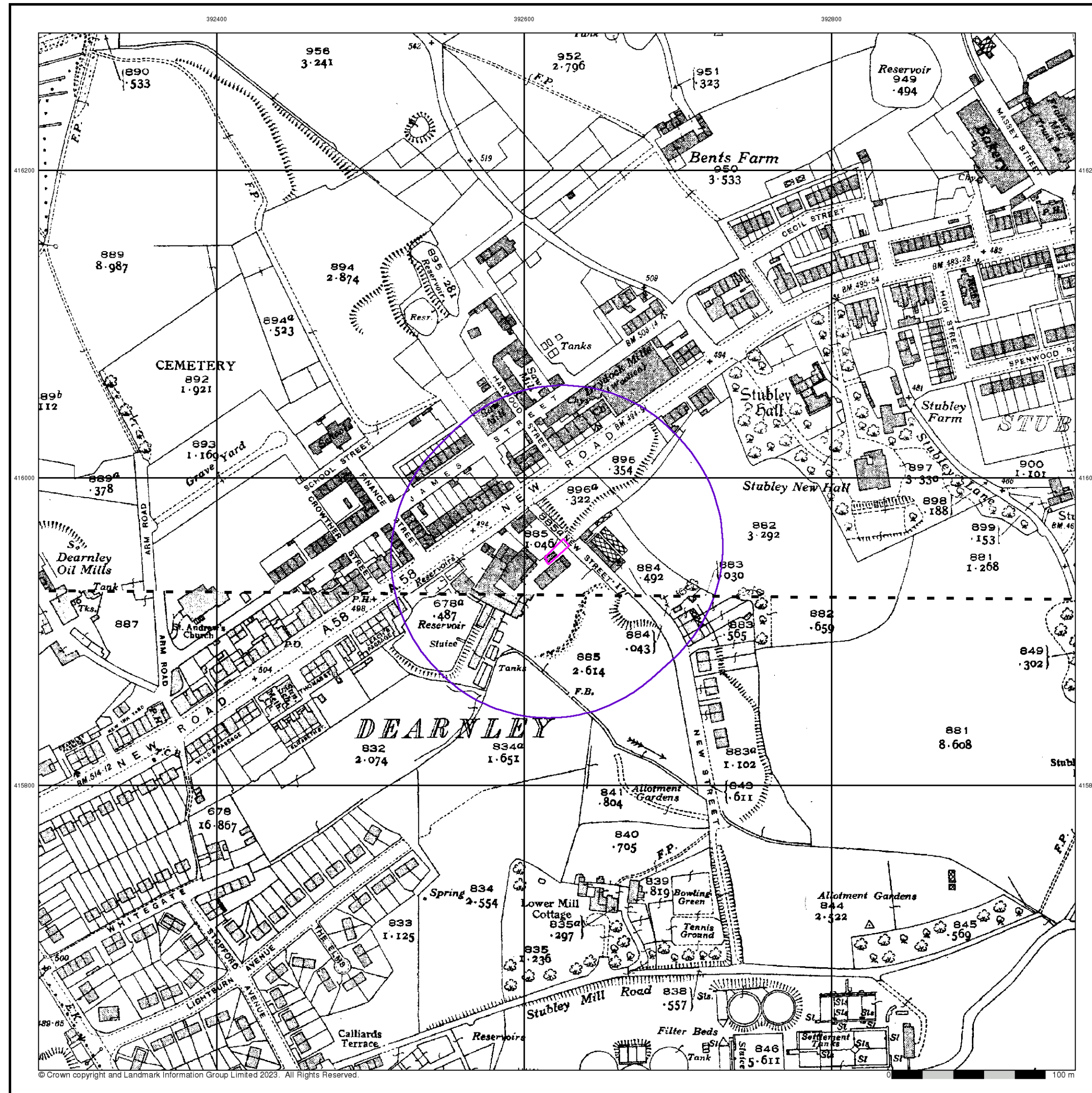
Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ





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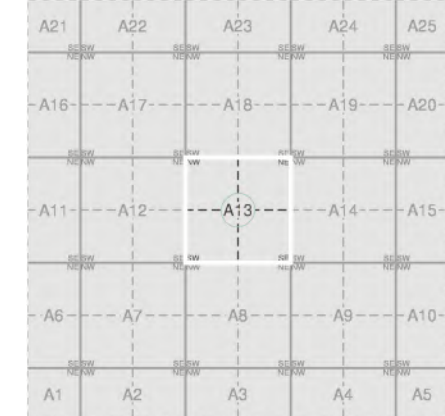
Lancashire And Furness
Published 1937 - 1938
Source map scale - 1:2,500

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)

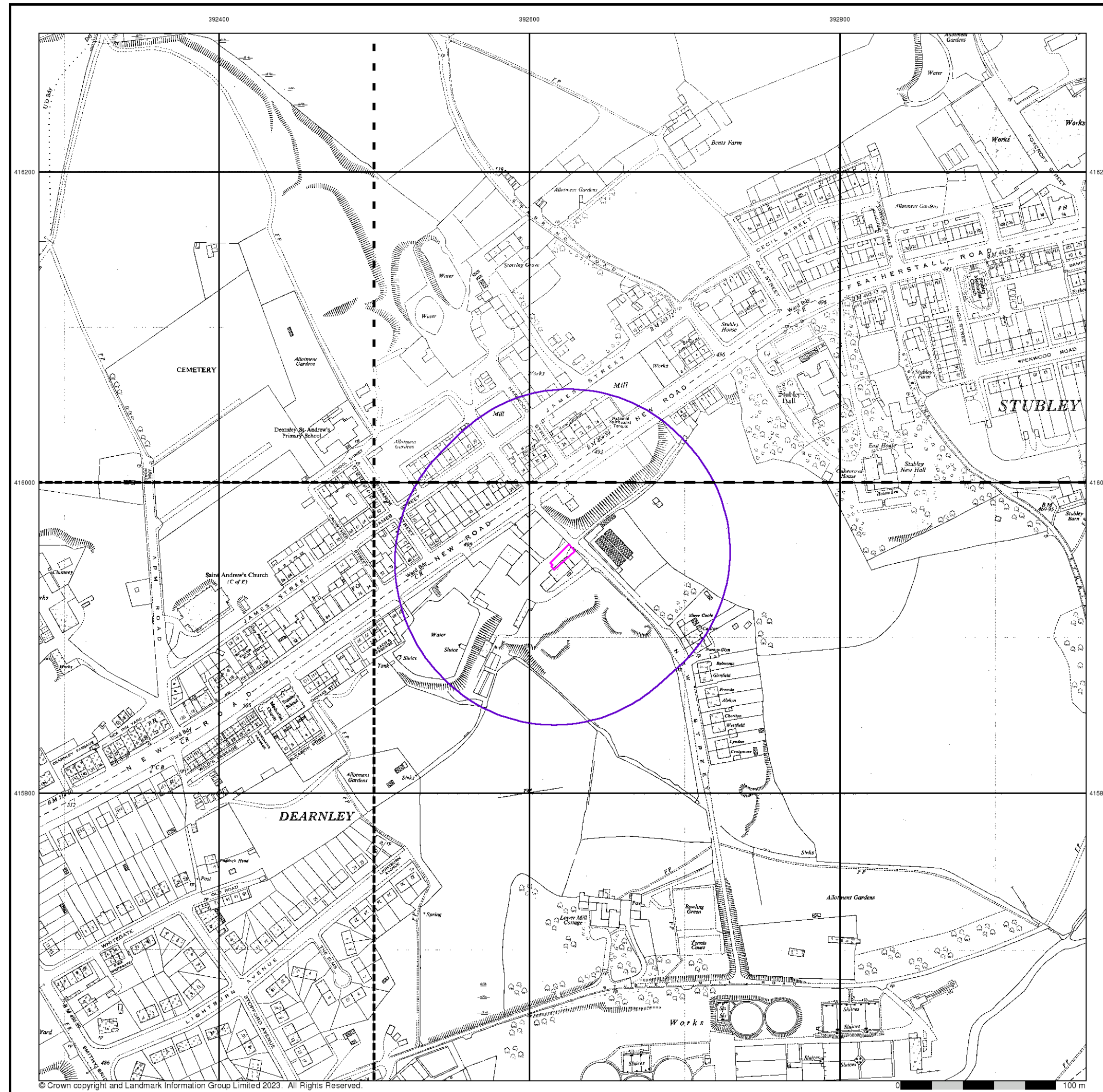
081_10
1937
1:2,500
081_14
1938
1:2,500

Historical Map - Segment A13



Order Details
Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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Ordinance Survey Plan

Published 1960

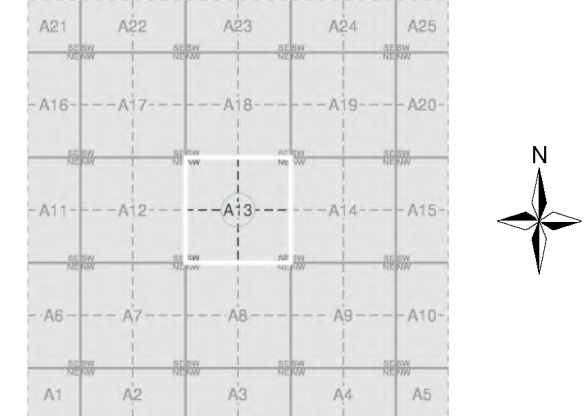
Source map scale - 1:1,250

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)

SD9216SW	SD9216SE
1960	1960
1:1,250	1:1,250
SD9215NW	SD9215NE
1960	1960
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 314513940_1_1

Customer Ref: 79954

National Grid Reference: 392620, 415950

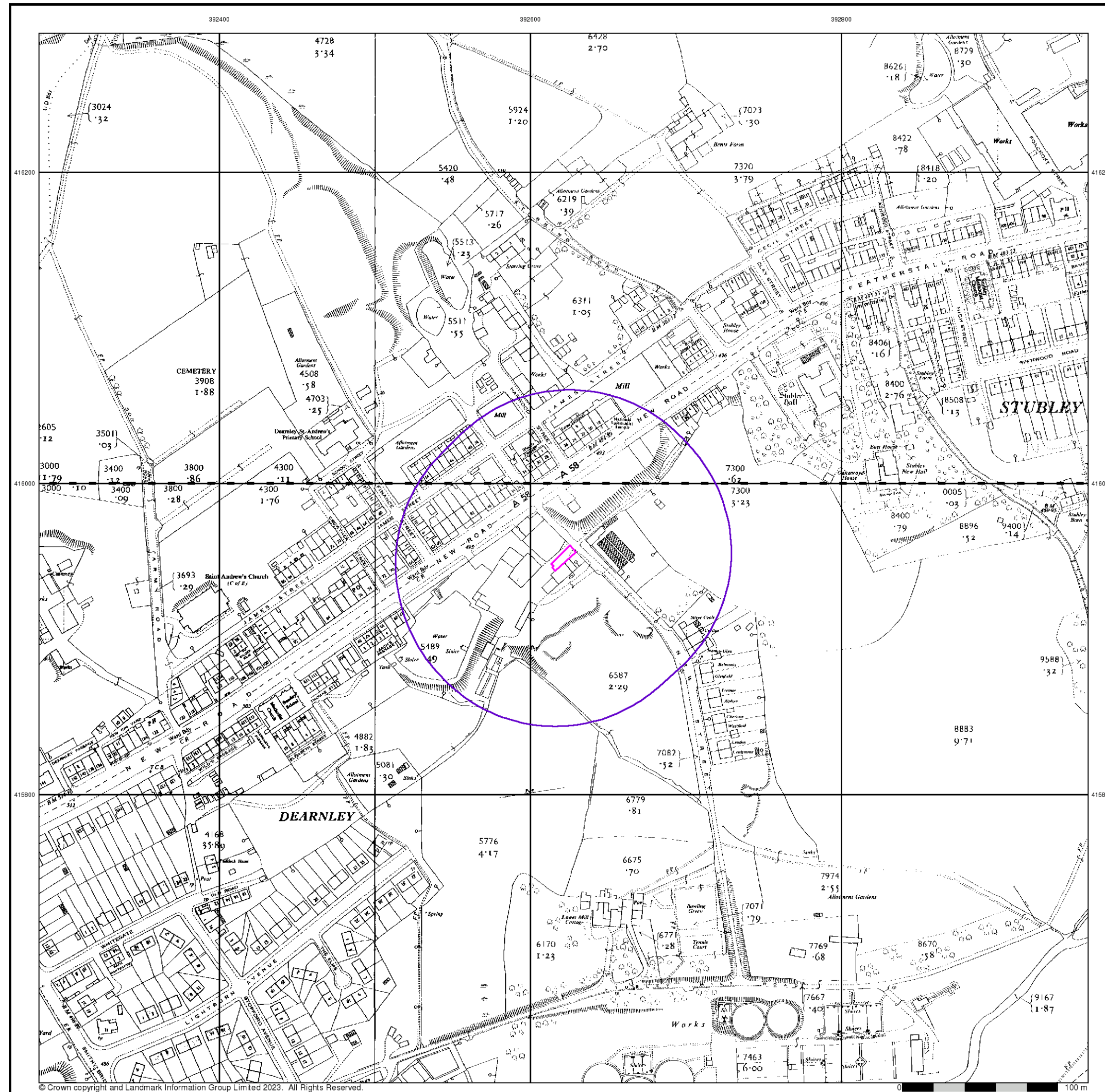
Slice: A

Site Area (Ha): 0.01

Search Buffer (m): 100

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



Ordnance Survey Plan

Published 1961

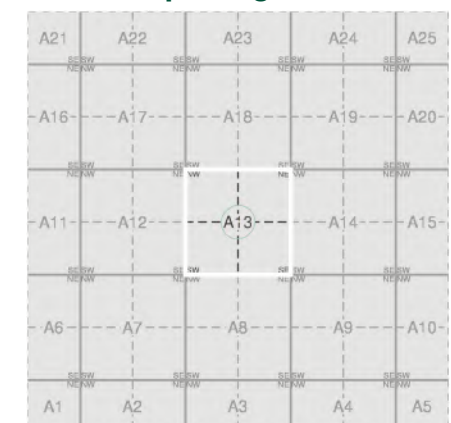
Source map scale - 1:2,500

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)

SD9216
1961
1:2,500
SD9215
1961
1:2,500

Historical Map - Segment A13

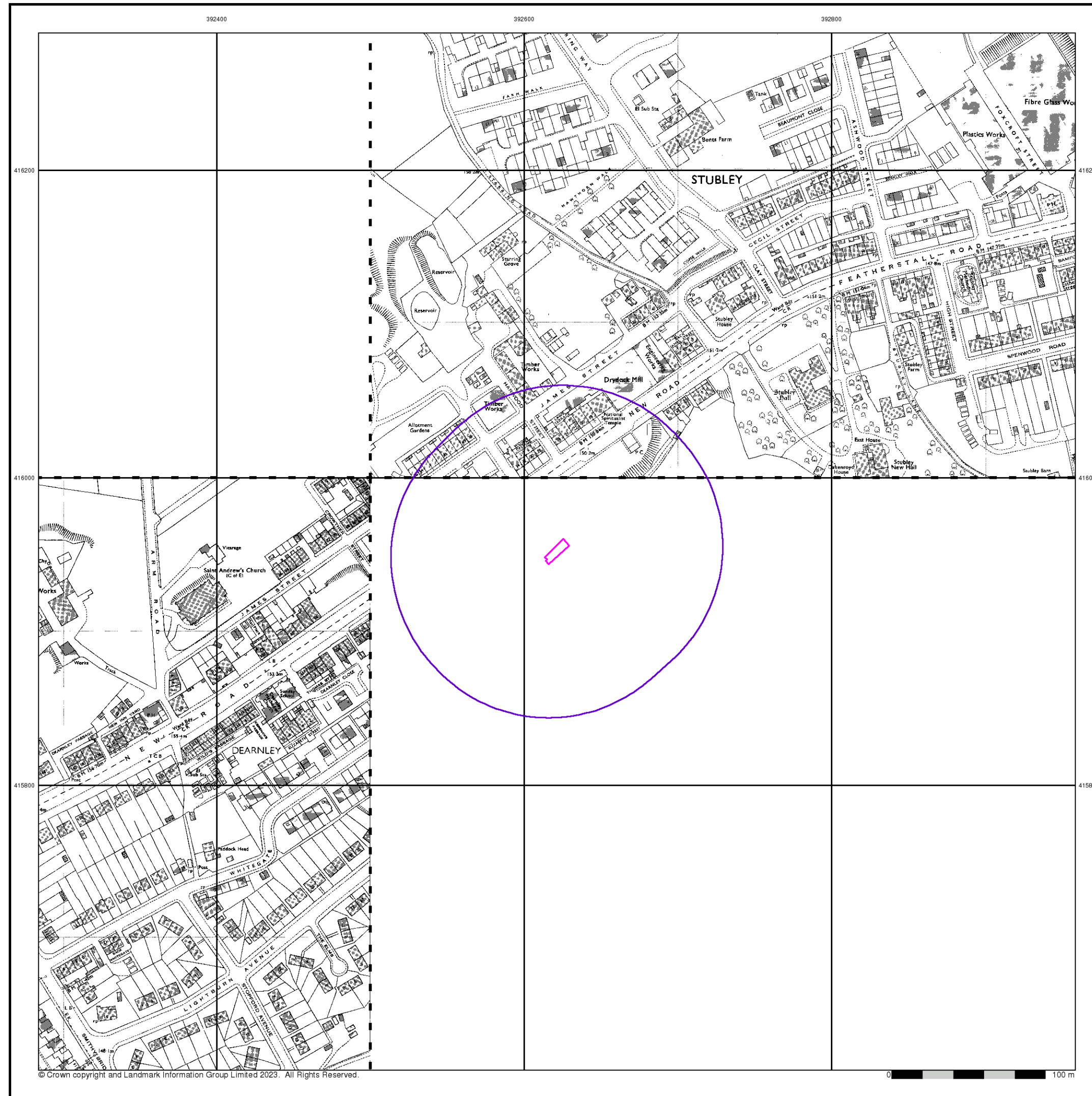


Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1971 - 1974

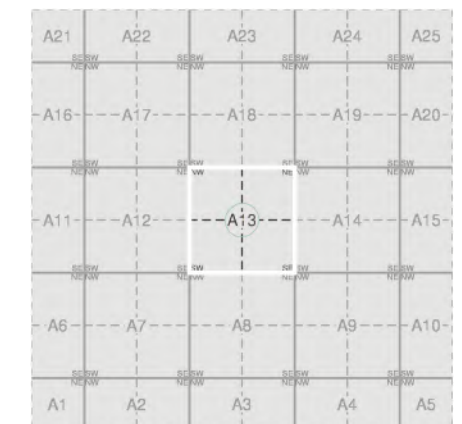
Source map scale - 1:1,250

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)

SD9216SE
1971
1:1,250
SD9215NW
1974
1:1,250

Historical Map - Segment A13



Order Details

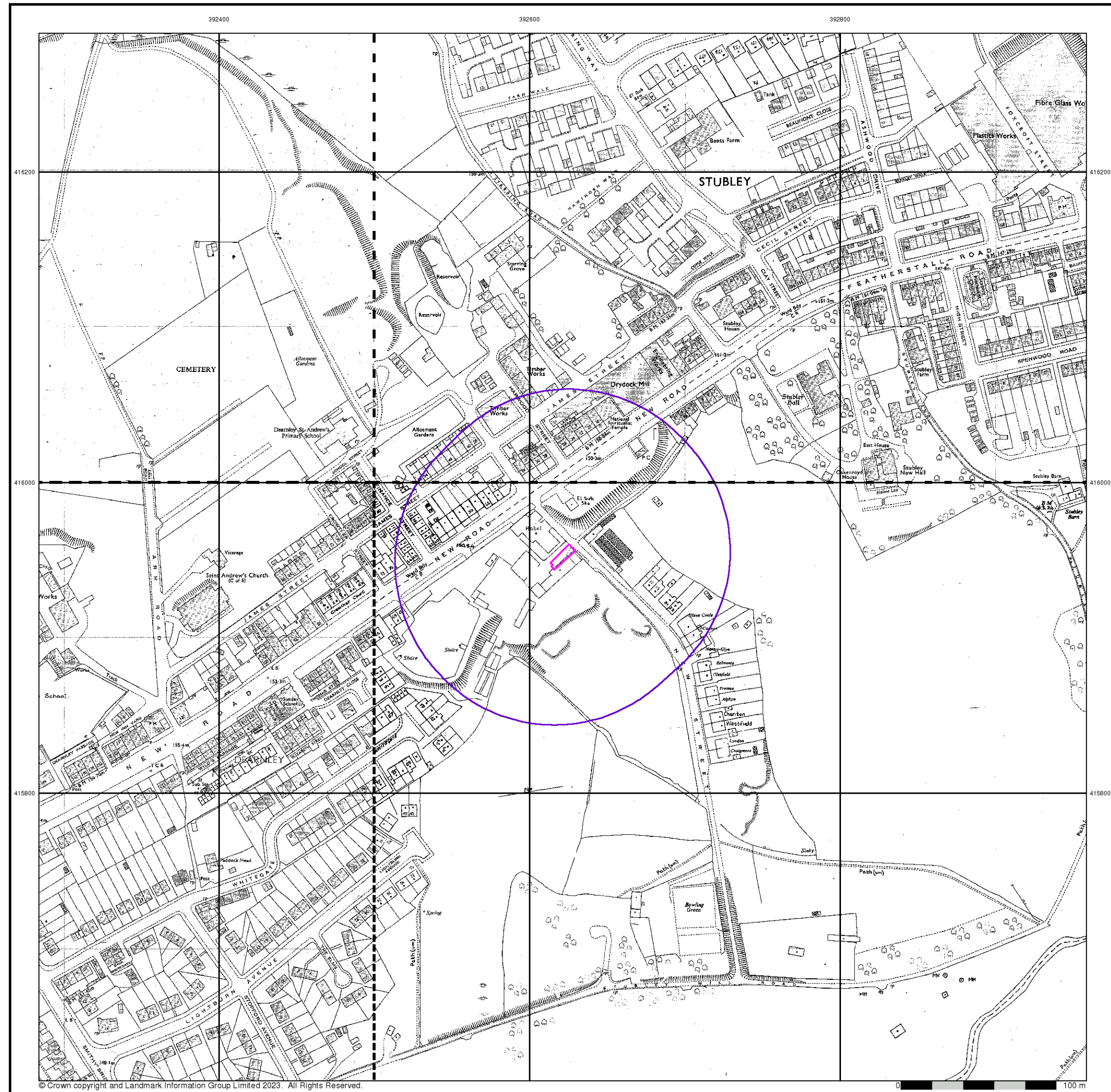
Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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Additional SIMs
Published 1978 - 1984
Source map scale - 1:1,250

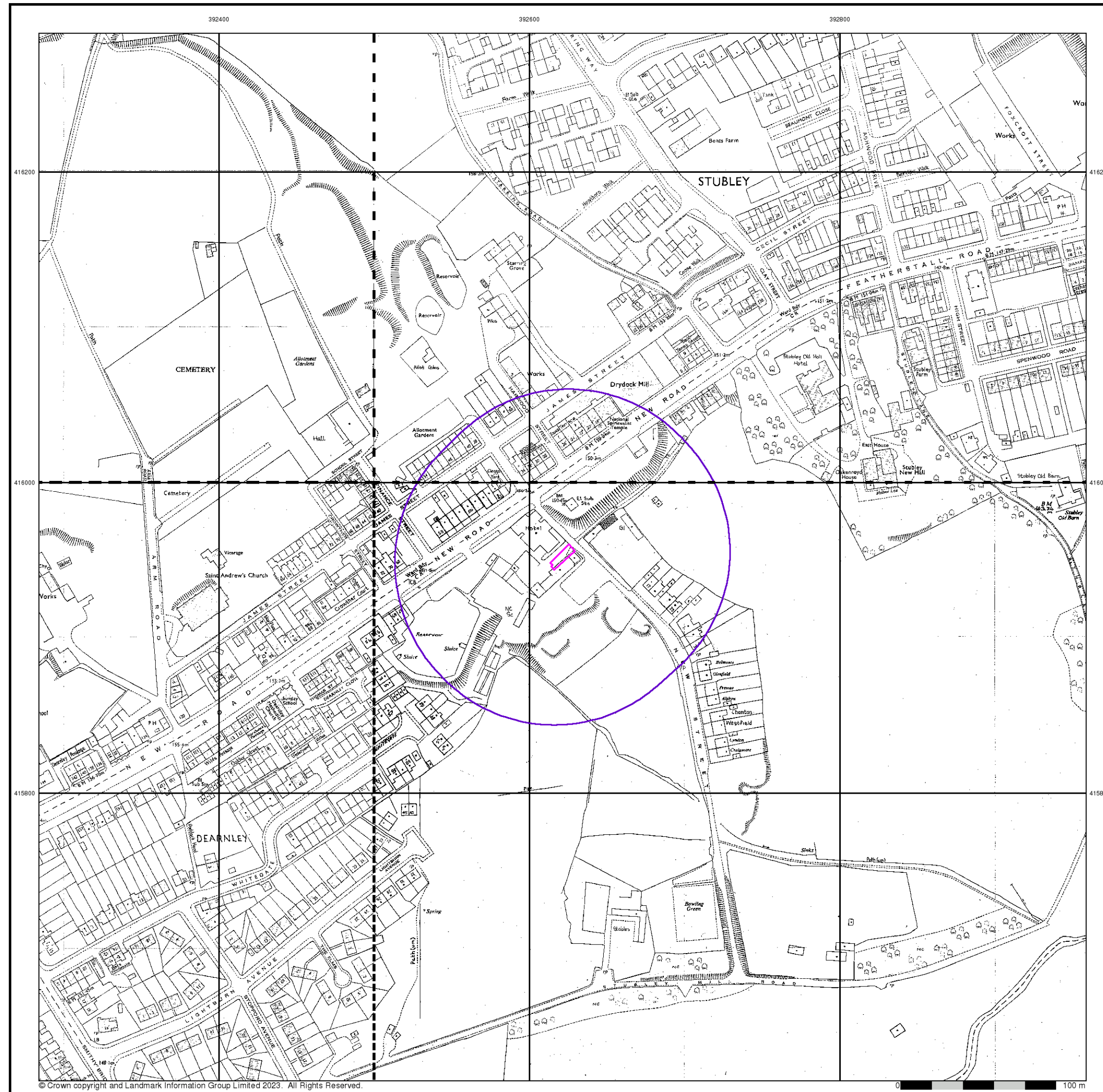
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)			
SD9216SW	SD9216SE		
1980	1978		
1:1,250	1:1,250		
SD9215NW	SD9215NE		
1979	1984		
1:1,250	1:1,250		

Historical Map - Segment A13

Order Details
Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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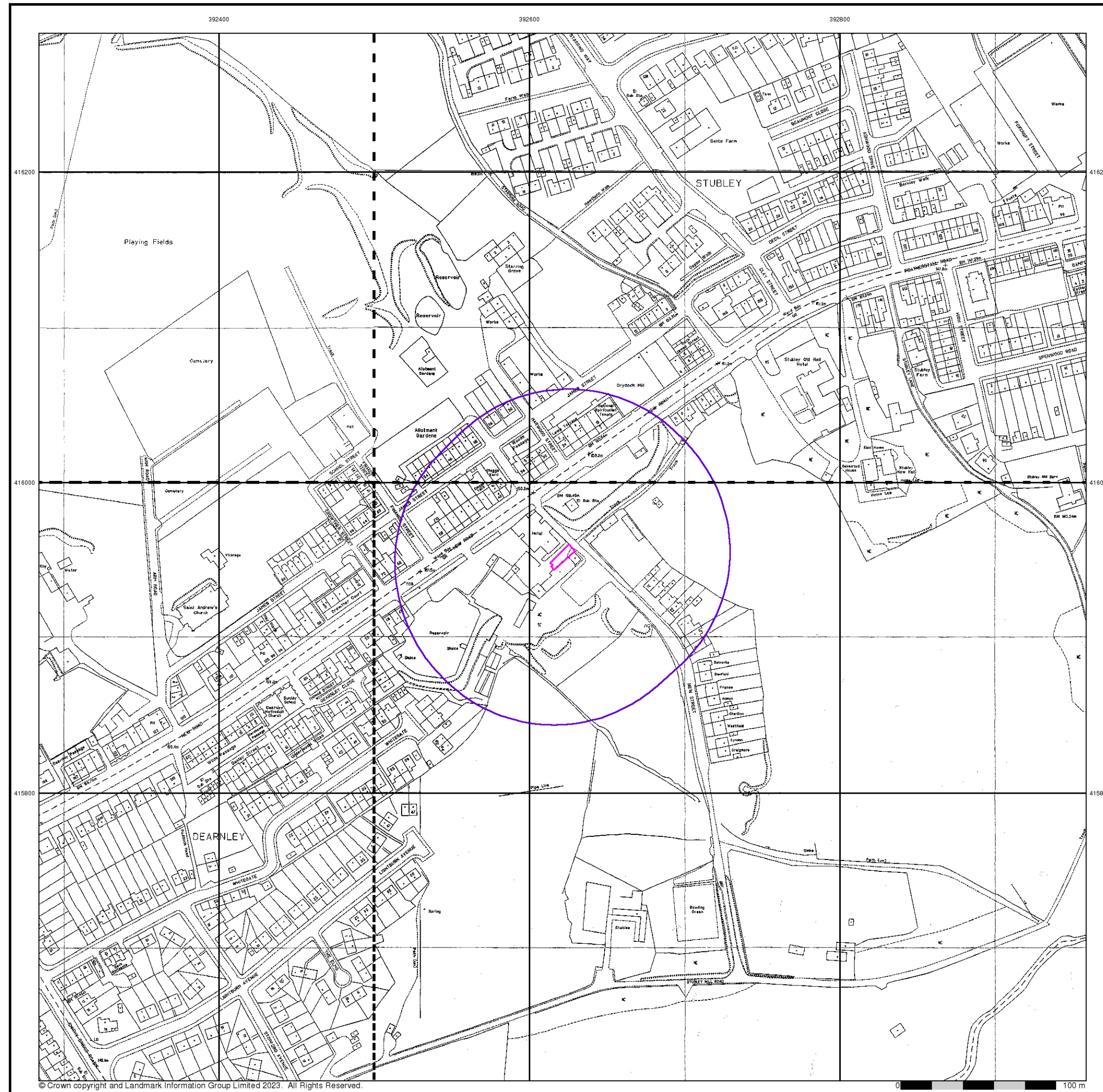
Additional SIMs
Published 1987 - 1988
Source map scale - 1:1,250
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain 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)	
SD9216SW	SD9216SE
1987	1988
1:1,250	1:1,250
SD9215NW	SD9215NE
1988	1988
1:1,250	1:1,250

Historical Map - Segment A13

Order Details
Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details
Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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Large-Scale National Grid Data

Published 1992

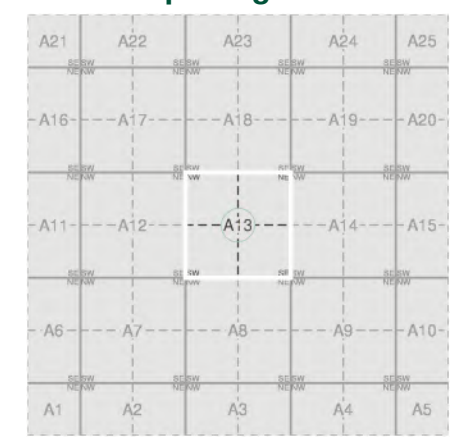
Source map scale - 1:1,250

'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)

SD9216SW	SD9216SE
1992	1992
1:1,250	1:1,250
SD9215NW	SD9215NE
1992	1992
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

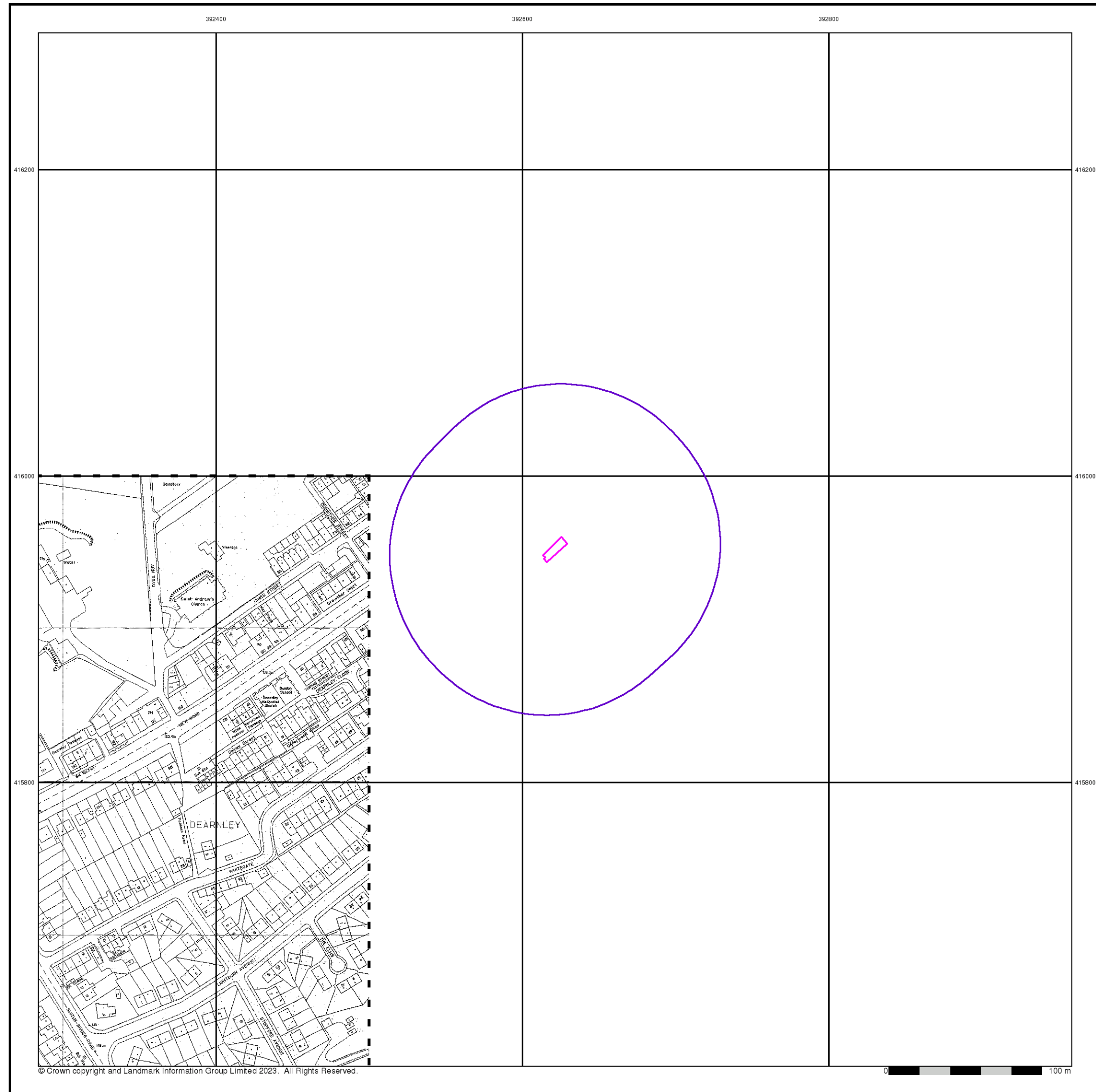
Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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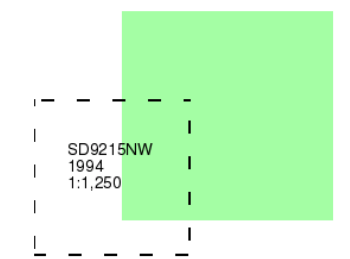
Large-Scale National Grid Data

Published 1994

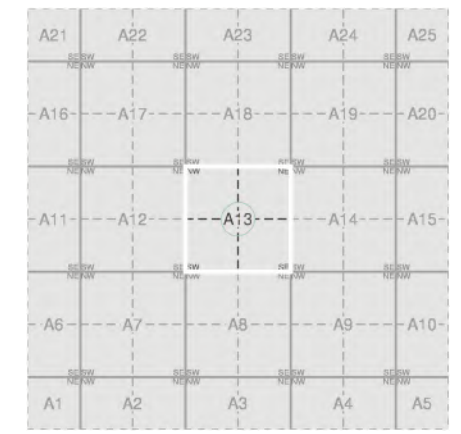
Source map scale - 1:1,250

'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)



Historical Map - Segment A13



Order Details

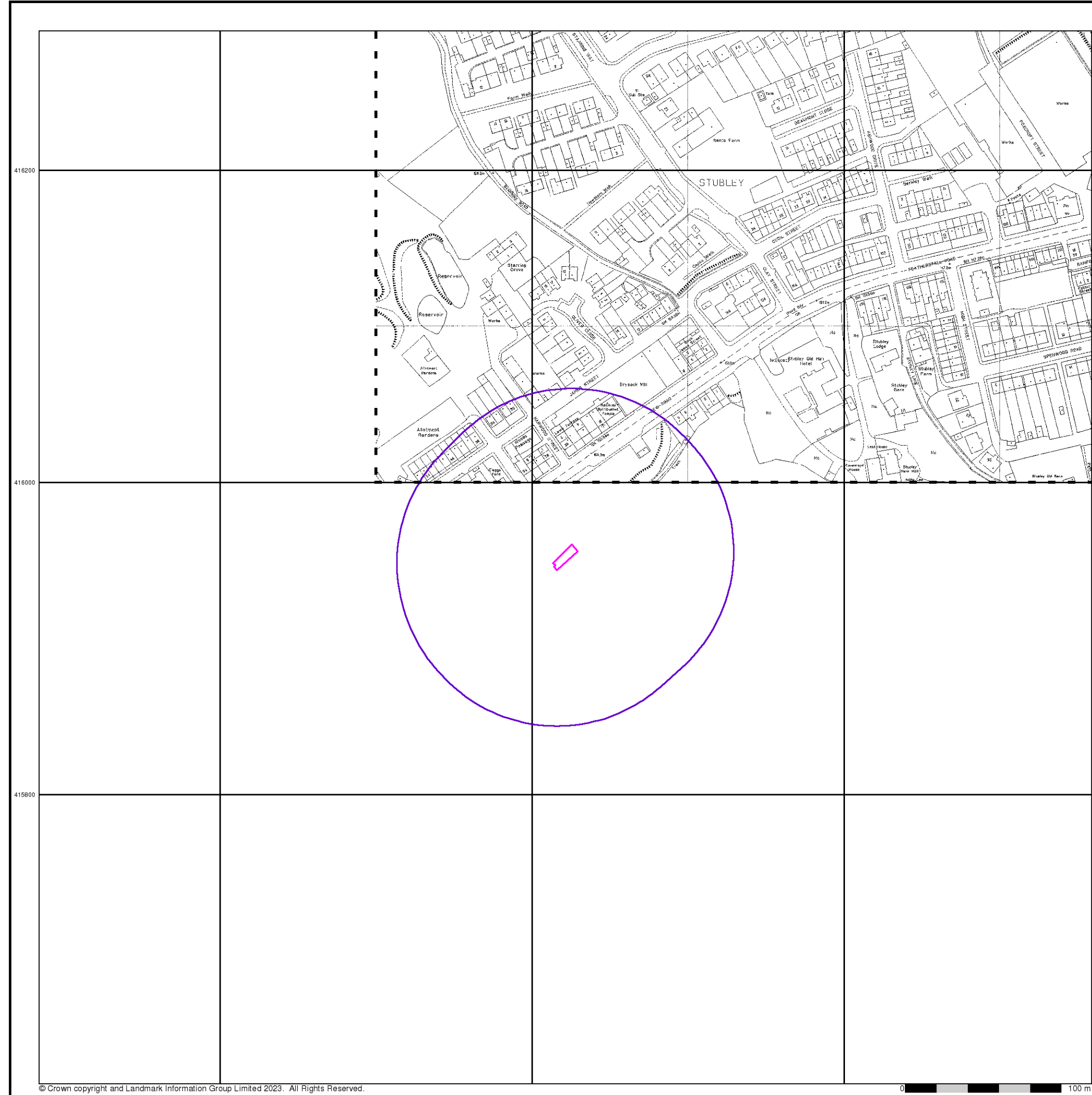
Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ



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Fax: 0844 844 9951
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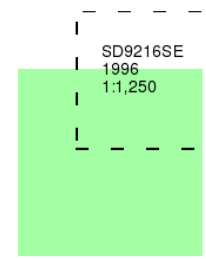
Large-Scale National Grid Data

Published 1996

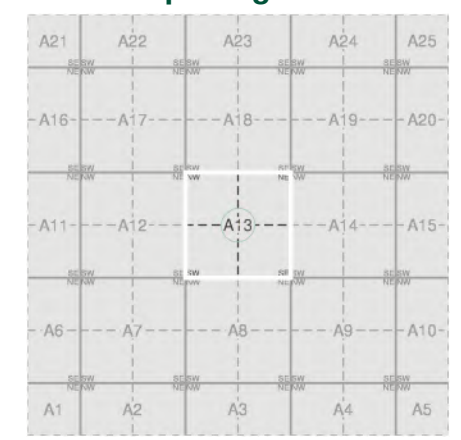
Source map scale - 1:1,250

'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)



Historical Map - Segment A13



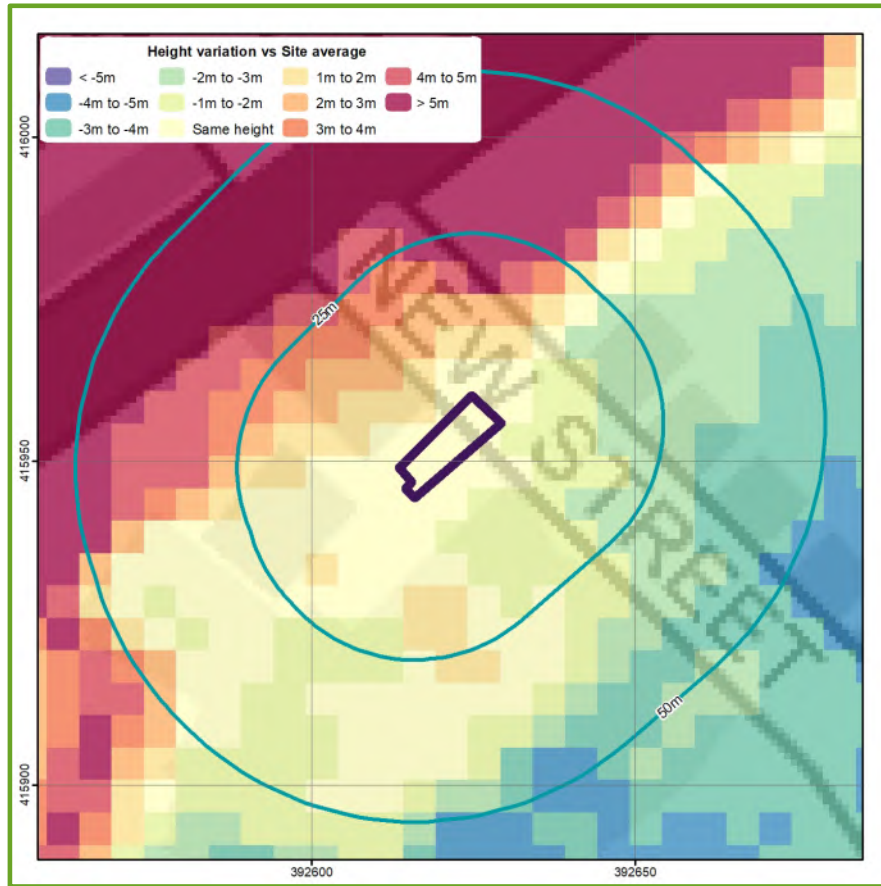
Order Details

Order Number: 314513940_1_1
Customer Ref: 79954
National Grid Reference: 392620, 415950
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

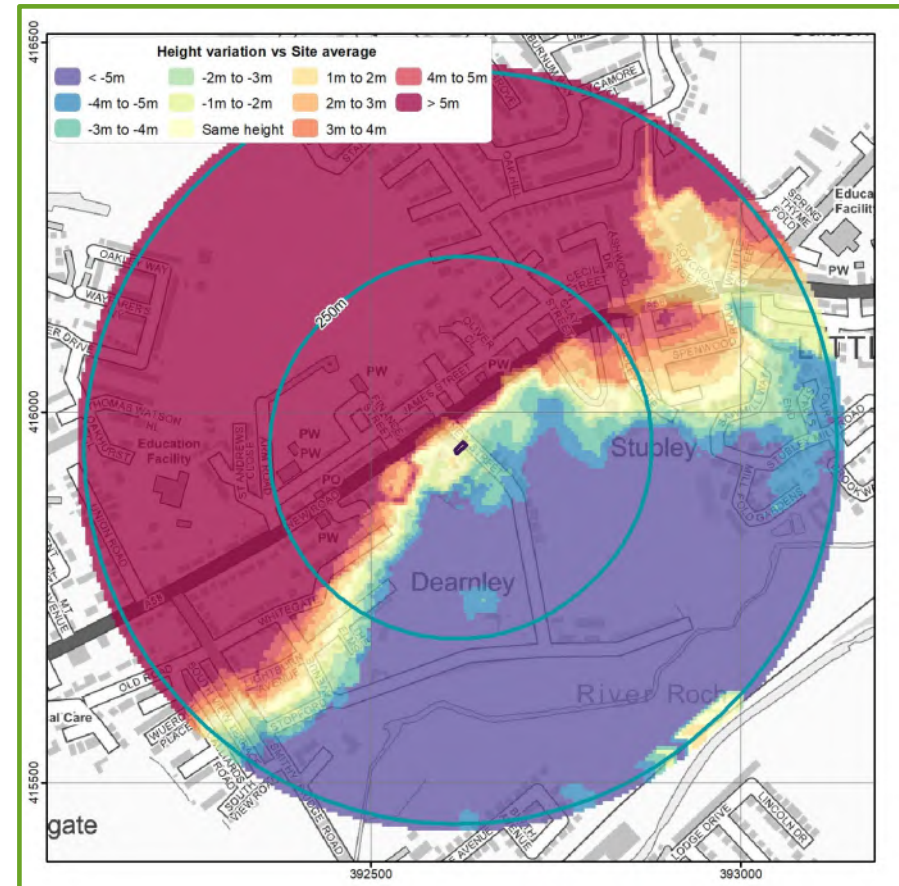
Site Details

Land opposite 11-15 New Road, Rochdale, OL15 8PJ

3.6 Topography Maps



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