



Lidl Great Britain Ltd

Geo-Environmental Desk Study Report

Lidl, Hollinwood Avenue, Moston, Manchester

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Issued by: Obsidian Geo-Consulting Limited
Unit C4
Castle Vale Enterprise Park
Park Lane
Birmingham
B35 6LJ

T: 0121 747 2288
M: 0771 552 7530
W: www.obsidian-geoconsulting.co.uk

Prepared by:



Dan Hind BSc (Hons) AMIEnvSc FGS
Graduate Geo-Environmental Engineer

Reviewed and Approved for Release by:



Steven Dempsey BSc(Hons) MSc CGeol EurGeol FGS
Director



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7123-SMR-66-ZZ-DR-A-8003-S2-P3	Proposed Site Plan

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Appendix A	Photographs
Appendix B	Historical Maps
Appendix C	Environmental Database Report
Appendix D	Consultants Coal Mining Report
Appendix E	Preliminary UXO Risk Assessment



Summary

Development Proposals	The site currently comprises a large industrial/warehouse unit and associated offices that occupy a large proportion of the site in the east, a substantial hardstanding area in the west, parking areas in the south and south-west and a smaller garage/warehouse unit in the north-western corner. The proposals are to demolish the existing buildings to construct a Lidl store with associated infrastructure including access and parking areas.
Site Setting	The site area is approximately 0.81 hectares, centred around National Grid Reference: 388570, 403200. It is irregular in shape and is shown on the appended Site Location Plan 24-1990-P/001/A.
Site History	A review of the historical maps indicates that the site was present as open fields at the time of the first mapping series in 1848 and remained this way until the 1933 mapping when the 'Atlas engineering works' were first mapped on site. The mapping series reflects that since this initial development, the site has operated as an industrial unit with a slight expansion highlighted in the 1951-1952 mapping series, with the works footprint expanding and outbuildings being added. In the 1986 mapping, the works were relabelled as warehouses and expanded to a larger footprint with a more broadly square shape, suggesting possible demolition and redevelopment. As well as this, tanks are listed in the north-west of the site, adjacent to the outbuilding in the north-westerly corner. Later mapping series show the site being used by HGVs since at least 2000, presumably earlier than this also. There is evidence of historical vehicle maintenance on site in the north-west corner and bulk fuel storage for these vehicles has also been maintained on site, currently and historically.
Geology & Hydrogeology	<p>Mapped superficial deposits on site are Devensian Till. The bedrock is the Pennine Middle Coal Measures Formation. The bedrock strata are designated as a Secondary 'A' Aquifers, with the superficial strata listed as secondary undifferentiated aquifers. The site is not located within a Source Protection Zone. The nearest groundwater abstraction is approximately 354m to the south of the site.</p> <p>There is a geological fault mapped running from the north-west to the south-east corner of site, as well as other faults approximately 200m east and 900m south-west of the site.</p>
Hydrology	The nearest surface water feature is located approximately 154m east of the site. The site is not considered to be at risk of flooding from rivers or sea without defences and is not located within an area benefiting from flood defences. There is a potential for groundwater flooding of property situated below ground level across the entire site area.
Radon	The site is in a lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level), the Envirocheck report indicates that no radon protective measures are necessary for the construction of new dwellings or extensions on site.
Potential Contaminants	Potential contaminants include metals, PAH's, TPH, BTEX, VOC's, PCB's and asbestos. Associated ground gases such as methane, carbon dioxide, hydrogen sulphide, and carbon monoxide may also be present. Elevated pH and water-soluble sulphate concentrations may also be present within the Made Ground and natural strata.
Environmental Assessment	<p>Potential, predominantly low to medium level risks have been identified at the site relating to identified receptors. Potential risks are posed by the presence of metals, cyanide, phenol, PAH, TPH, BTEX, VOC's, PCB's, asbestos, pH, water-soluble sulphate, and ground gases. It should be noted that to determine the presence of these contaminants a targeted ground investigation will be required to identify if previous land uses and areas where features such as the historic tanks and industrial buildings have introduced higher levels of contaminants with respect to human health.</p> <p>These risks cannot be removed through a desk-based risk assessment alone and hence it is recommended that these potential risks are assessed further through an appropriate intrusive investigation which should be sufficient in scope to assess the potential risks and enable the development of a remedial strategy for the site if required.</p>
Geotechnical Assessment and Conclusions	<p>Based on the anticipated geology, conventional strip or trench fill foundations may be appropriate, however if significant depths of Made Ground are encountered or if soft or loose natural strata with poor bearing characteristics are encountered, it may be the case that deeper piled foundations may be necessary, this will be subject to confirmation after a targeted ground investigation has taken place.</p> <p>Elevated pH and water-soluble sulphates can arise from Made Ground and natural strata; this is deemed to be low to medium risk.</p>



	<p>There is a likelihood of limited tree/hedgerow influence with tree growth bounding the majority of the border of the site. Therefore, the potential for heave should be considered dependent upon the near surface strata present on site.</p> <p>The identified fault line will be present within the deeper, bedrock geology. Given the absence of any proposed, deep basement type structures, it is unlikely that this will require further investigation, unless it is evident that its presence has resulted in a significant impact on the near surface geology.</p>
Ground Investigation Recommendations	<p>Given the development proposals, anticipated geology and significant constraints that will be imposed by undertaking an investigation at preacquisition stage, whilst the existing structures are in place, it is considered that an appropriate, initial phase of investigation would comprise window sample boreholes. This will enable investigation externally and internally within the existing warehouse buildings. It may be the case that the ground conditions may require deeper exploratory holes and the therefore larger equipment, such as cable percussive drilling for piled foundation design, however given the existing buildings cover a large proportion of the proposed building footprint, these may need to be undertaken post demolition.</p> <p>The investigation should include appropriate testing, interpretation, and assessment to clarify the environmental and human health risks identified within the desk study, as well as geotechnical analysis to assist in foundation and floor slab design. The necessity and appropriateness for further investigative works including soakaway testing, plate bearing tests and the potential for deeper boreholes should be considered once an initial assessment of parameters across the site has been completed.</p>



1 Introduction

Obsidian Geo-Consulting Ltd (Obsidian) was commissioned by Lidl Great Britain Ltd (the Client) to carry out a Geo-Environmental Desk Study for a proposed store at 440 Hollinwood Avenue, Moston, Manchester.

The site currently comprises a large industrial/warehouse unit and associated offices that occupy a large proportion of the site in the east, a substantial hardstanding area in the west, parking areas in the south and south-west and a smaller garage/warehouse unit in the north-western corner. The proposals are to demolish the existing buildings to construct a Lidl store with associated infrastructure including access and parking areas.

For the preparation of this document, we have been provided with the following plans and documents:

- Proposed site plan 7123-SMR-66-ZZ-DR-A-8003-S2-P3
- Coal Mining Search (500883786.1)
- Drainage and Water Search (500981792.1)
- Enviro Flood Combined Search (500934611.1)
- Groundwise Utility Report 35185DM – GWS
- Local Search (500935522.1)

1.1 Objective

The objective of this assessment is to identify any potentially significant constraints to future proposed developments associated with the likely ground conditions prevalent beneath the site and the surrounding area and to identify any potential areas of environmental liability associated with the site and the surrounding area.

1.2 Scope

This assessment was carried out to an agreed brief as set out in Obsidian's proposal referenced SD/24-1990-Q/L001 and dated 12th August 2024. The scope of works for the assessment includes review and inclusion of the following:

- A desk-based review of available geological, hydrogeological, and hydrological information, commercially available environmental database information, and historical plans.
- A site walkover to assess site constraints and potential areas of contamination.
- The development of a preliminary conceptual site model to consider any potentially complete pollutant linkages.
- The preliminary identification of any potential ground conditions which may lead to geotechnical constraints for the proposed development.
- Desk-based coal mining risk assessment.
- Preliminary UXO risk assessment
- Petroleum Licensing Search



1.3 Limitations

This report has been prepared by Obsidian with all reasonable skill, care, and attention within the terms of the Contract with the Client and taking account of the information made available by the Client, as well as the manpower and resources devoted to it by agreement with the Client. Obsidian disclaims any responsibility to the Client and others in respect of any matters outside the scope of the above Contract.

This report has been produced on behalf of the Client and no responsibility is accepted to any Third Party for all or any part. This report should not be relied upon or transferred to any other parties without the express written authorisation of Obsidian. If any unauthorised Third Party comes into possession of this report, they rely on it at their own risk and the authors owe them no duty of care or skill.

The desk study information has been obtained from a variety of sources, which Obsidian believes are reliable. Nevertheless, Obsidian cannot and does not guarantee the authenticity or reliability of the information it has relied upon from these sources.

Any plans appended to this report should not be used for scaling purposes.

2 The Site

2.1 Site Location

The site area is approximately 0.81 hectares, centred around National Grid Reference: 388570, 403200. It is irregular in shape and is shown on the appended Site Location Plan 24-1990-P/001/A.

2.2 Site Description

A site walkover was undertaken by Obsidian Geo-Consulting Ltd on 13th September 2024, which covered site access, features, and any potential sources or evidence of contamination or constraint.

The site is accessed through a double gate located on the southern boundary of the site, connecting with Hollinwood Avenue to the south. A car park covers the majority of the southern area of the site with peripheral soft landscaping the south and east. A large building comprising both offices and warehousing then covers the majority of the central, northern and eastern areas of the site with offices present within the southern third of the building and warehousing occupying the remainder.

The western area of the site is predominantly covered with concrete hardstanding. A former vehicle repair building is also located in the north-western corner of the site. We understand from anecdotal evidence that this was more recently used for storage and warehousing. There were former, above ground fuel storage tanks (AGST's) located immediately to the east of the small building; comprising a 20,000-litre diesel tank and along the northern boundary a 4000-litre liquid petroleum gas tank, however these have since been removed. There is however a newer AGST located adjacent to the western elevation of the main warehouse building comprising a 10,000-litre diesel tank within an Enviro Cube, with AdBlue tanks also present.

We have been made aware of a planning application for the installation of a below ground fuel storage tank (BGST), however there was no obvious surface evidence of its presence. Anecdotal evidence from the vendors representative on site at the time of the walkover suggests that although planning was granted, it was never installed.

Some vegetation is present around the boundary of the site, with an area of landscaping along the eastern boundary and the eastern half of the northern boundary. The majority of the mature trees found on site are located along the eastern boundary.



The surrounding land uses are predominantly residential and light commercial.

Photographs of the site walkover are presented in Appendix A.

3 Desk Study

The following information sources have been consulted as part of the desk study:

- Envirocheck Database Report
- Historical Ordnance Survey plans
- British Geological Survey 1:50,000 Map and BGS online Lexicon
- BR 211 Radon; Guidance on Protective Measures for New Dwellings, 2015 Edition
- Mining and Ground Stability Database Report
- Consultants Coal Mining Report
- Preliminary UXO assessment
- Petroleum licensing search

3.1 Site History

The site history has been reviewed using historical Ordnance Survey mapping to identify any previous potentially significant contaminative activities, located either on-site or off-site. The findings are summarised in Table 3.1.

Potential on-site contamination sources may present a risk to human health and controlled water receptors. Potential off-site contamination sources may also present a risk to soils and, if present, groundwater underlying the site through cross-boundary migration.

Copies of the inspected historical maps are presented in Appendix B. The account presented in this report is restricted by specific time periods represented by these maps only.

Table 3.1: Site History

Map Edition	Key Features	
	On Site	Off Site
1848 (1:10,560)	<p>The site straddles two open and undeveloped fields, with a field boundary and footpath running from its south-westerly to north-easterly corner.</p> <p>An area of land in the south-eastern corner of the site is slightly raised above the level of the site.</p>	<p>The site has a farm approximately 200m to the east and is bounded by woodland that contacts its western boundary in places.</p> <p>A railway embankment is mapped approximately 400m to the east.</p> <p>A coalpit and engine house are mapped approximately 800m to the south of the site boundary.</p> <p>'Wash Pits' are mapped approximately 600m to the north.</p> <p>The Rochdale canal runs 900m north-east of the site boundary.</p> <p>The surrounding area is largely undeveloped.</p>
1893 (1:2,500)	No significant changes recorded.	<p>The woodland to the west of the site is no longer present, and a small cluster of residential dwellings is mapped (approximately 50m from the site boundary).</p> <p>A cotton waste mill is mapped approximately 250m south-west of the site boundary.</p>



Map Edition	Key Features	
	On Site	Off Site
1894-95 (1:10,560)	No significant changes recorded.	Moston Collieries is mapped approximately 700m to the south, a significant expansion from the coalpit and engine house previously listed. Two reservoirs are mapped approximately 300m south of the site boundary, and another is mapped 750m south. Chain Bar is mapped as a settlement to the south-west, approximately 250m away from the site boundary.
1909 (1:2,500)	No significant changes recorded.	Further domestic developments occur approximately 50m south of the site boundary, south of 'Moston Lane'.
1910 (1:10,560)	No significant changes recorded.	A brickworks is listed adjacent to Moston collieries. Oldham corporation sewage works is mapped approximately 1200m to the north-west.
1922-1923 (1:10,560)	No significant changes recorded.	Moston mill is mapped/labelled 400m to the south of the site boundary. Clay pits are labelled 800m to the east of the site boundary. Cotton waste mill labelled as a sponge cloth mill
1932 (1:2,500)	No significant changes recorded.	No significant changes recorded.
1933 (1:10,560)	Two large industrial units are mapped on site, labelled as the 'Atlas engineering works'	Extensive domestic developments are mapped to the west, south and east. Moston Lane appears to have been expanded. An 'old shaft' is mapped approximately 400m south of the site boundary. H.M stationary office is mapped approximately 1000m to the north-east of the site boundary. A brickworks is appended to the mapped clay pits.
1938 (1:10,560)	No significant changes recorded.	Middlegate north and south crescents are mapped <100m north of the site boundary. Sewage works expands further, labelled as Chadderton U.D.J.C. A large industrial unit is mapped approximately 300m to the north of the site boundary. A school is mapped approximately 200m north-east of the site boundary
1951-1952 (1:1,250) 1952 (1:2,500)	The Atlas Engineering Works appears to have slightly expanded, connecting the two main industrial units. Several outbuildings are now present in the north-east and north-west of the site. Moston lane is renamed 'Hollinwood Avenue.'	A clay pit is mapped approximately 220m to the north-west of the site boundary.
1956 (1:10,000)	No significant changes recorded.	A large Industrial unit approximately 250m to the north of the site boundary is listed as a



Map Edition	Key Features	
	On Site	Off Site
		factory, and building immediately to the west of this is labelled as a brickworks. Only one reservoir remains to the south of the site boundary (approximately 350m).
1957 (1:1,250)	Onsite units now listed as 'works.'	St Margaret Mary's church is mapped approximately 80m to the north-east of the site boundary.
1966 (1:10,000)	No significant changes recorded.	A generating station is now mapped 800m north-east of the site boundary.
1970 1975 1976 (1:1,2,500) 1975 (1:25,000)	No significant changes recorded.	The Clay pit 220m north-west of the site boundary is no longer mapped in the 1970 mapping.
1978 (1:10,000)	No significant changes recorded.	Moston Collieries are no longer present. The Generating station is labelled as a power station with three cooling towers.
1982 (1:10,000)	No significant changes recorded.	No significant changes recorded.
1986 (1:1,250)	Works on site are now listed as warehouses, occupying a larger, more square-shaped footprint, suggesting demolition and reconstruction. 'Tanks' are listed next to the outbuilding in the north-west of site.	No significant changes recorded.
1990 (1:10,000)	No significant changes recorded.	Significant electrical substation mapped approximately 300m to the north-west of the site boundary. Pit to north-east of site boundary marked as disused. Power station no longer labelled as such. Last reservoir no longer mapped.
1992 1993 (1:1,250)	No significant changes recorded.	No significant changes recorded.
1999 (1:10,000)	No significant changes recorded.	Disused pit and surrounding area marked as brownfield site.
2000 (Aerial Photo.)	Site hardstanding and parking areas clearly used by HGVs.	Motorway visible south of the factory to the north of the site boundary (approximately 200m)
2006 (1:10,000)	No significant changes recorded.	Mill to the south of the site boundary replaced by housing.
2024 (1:10,000)	On-site warehouse marked as depot.	No significant changes recorded.



3.2 Geology, Hydrogeology and Hydrology

3.2.1 Geology

The mapped superficial and bedrock geology is summarised in Table 3.2 below:

Table 3.2: Geology

Geology	Age	Stratigraphic Name	Description
Superficial Deposits	Devensian Stage (QD)	Devensian Till	Sand and gravel, locally with lenses of silt, clay or organic material.
Bedrock	Duckmantian substage (CB) – Bolsovian Substage (CC)	Pennine Middle Coal Measures Formation	Interbedded grey mudstone, siltstone, pale grey sandstone and commonly coal seams.

There is a geological fault mapped running from the north-west to the south-east corner of site, as well as other faults approximately 200m east and 900m south-west of the site.

A borehole record from approximately 100m west of the site boundary held by the British Geological Survey (BGS) dated 1981 identifies Made Ground materials to 0.50m below ground level (bgl) underlain by soft to stiff clay to 3.20m bgl.

The Envirocheck report indicates a number of background estimated soil chemistry values, summarised in table 3.3 below:

Table 3.3: Background Estimated Soil Chemistry Values.

Element	Concentration (mgkg ⁻¹)
Arsenic	15-25
Cadmium	<1.8
Chromium	90-120
Lead	<100
Nickel	15-30

The nearest mapped area of Made Ground is identified by the Envirocheck report as potentially infilled land (water) associated with a pond, marsh, river, stream or similar is located approximately 40m north-west of the site.

3.2.2 Hydrogeology

The bedrock geology is designated as a Secondary Aquifer 'A' and the superficial strata is designated as a Secondary Aquifer.

The site is not located within a Source Protection Zone. The nearest groundwater abstraction is approximately 354m to the south of the site boundary, however this permit is currently listed as revoked.

3.2.3 Hydrology

The nearest surface water feature is located approximately 154m east of the site.

The site is considered to not be at risk of flooding from rivers or sea without defences and is not located within an area benefiting from flood defences.

There is a potential for groundwater flooding of property situated below ground level across the entire site area.

3.3 Mining and Ground Stability

The Envirocheck database report (referenced: 349450514_1_1) comprises a summary of statutory data held on public registers. The data can be used to identify potential mining and ground stability



issues on the site and within a search radius of 1km. The database report is presented as Appendix C and the salient issues relating to the site and surrounding area are summarised in the following sections.

3.3.1 BGS Recorded Mineral Sites

There are no BGS Recorded Mineral Sites within 500m of the site.

3.3.2 Extractive Industries or Potential Excavations

There are no records of Extractive Industries or Potential Excavations within 100m of the site dated between 1855 and 1980.

3.3.3 General Quarrying

There are no records for quarrying within 500m of the site.

3.3.4 Mineral Railway

There are no records of Mineral Railways within 500m of the site.

3.3.5 Mining of Coal & Lignite

There are two records of Mining of coal & lignite within 500m of the site. The closest record is located approximately 303m to the south of the site boundary and was mapped from 1848 to 1956.

3.3.6 Potentially Infilled Land (Non-Water)

There are four records of Potentially Infilled Land (Non-Water) within 500m of the site, the closest being 252m north-west of the site boundary, mapped in 1956.

3.3.7 Potentially Infilled Land (Water)

There are thirty-six records of Potentially Infilled Land (Water) within 500m of the site, the closest being 40m north-west of the site boundary, mapped in 1910.

3.3.8 Ground Stability Hazards

The site is deemed to have a very low to no hazard potential for the following Ground Stability Hazards:

- Collapsible Ground
- Landslide Potential
- Running Sand Potential
- Compressible Ground
- Ground Dissolution Potential
- Shrinking and Swelling Clays.

The site does not fall within the brine compensation or subsidence solution area.

3.3.9 Consultants Coal Mining Report

Given the nature of the above mining and ground stability information, a Consultants Coal Mining Report was obtained from the Coal Authority, referenced: 51003452078001, and reviewed by Obsidian in order to assess the risks which may be posed to the proposed Lidl development by the presence of shallow, worked coal seams. The report is included as Appendix D.

The coal report has highlighted one past underground mining seam within close proximity to the site, at a depth of 274m beneath the site in the Roger seam, with an extraction thickness of 3.00m. The report also indicates that it is unlikely for there to be any unrecorded shallow workings beneath the site. There are no recorded mine entries within 100m of the site boundary, as well as no spine roadways recorded at shallow depth.



There are two outcrops within close proximity of the site, with an outcrop relating to the Crombouke seam being along the southern site boundary, and an outcrop relating to the roger seam being 58m to the north-west.

There are no recorded licenses for future underground mining at the site. There are also no recorded mine gas issues at the site.

Based on the obtained information we consider there to be no need to further investigate the risk posed by historical mining.

3.3.10 Preliminary UXO Risk Assessment

A preliminary unexploded ordnance (UXO) Risk Assessment was obtained from 1st Line Defence to further investigated the risk posed to the future development by UXO within the site. The report is included as Appendix E.

During the second world war, the site was situated within the County Borough of Manchester and according to official Home Office bombing statistics this borough sustained an overall low-moderate density of bombing; with an average of 27 items of ordnance per 1,000 acres. Manchester Bomb mapping does not plot any bomb strikes on site. This lack of bombing is corroborated by a lack of major structural changes between pre and post-war OS mapping editions. As the site was occupied by Atlas Engineering Works, it is considered that, the site would have been subject to a good level of access and observation.

The report concluded that no further action was required.

3.3.11 Petroleum Licencing Search

Given the presence of former and current AGST's and the granted permission for a BGST. An enquiry has been made for petroleum licencing records for the site from the Greater Manchester Fire and Rescue Service. However, at the time of issuing this report, the information had not been released to Obsidian, as official permission from the site owner was still being sought, which is a pre-requisite for the information to be released to a third party.

3.4 Environmental Considerations

The Envirocheck database report (referenced: 349450514_1_1) comprises a summary of statutory data held on public registers. The data can be used to identify potential sources of contamination on the site and within a search radius of 1km. In addition, the report data can be used to identify potential receptors of contamination on the site and within 1km of the site. The database report is presented as Appendix C and the salient issues relating to the site and surrounding area are summarised in the following sections.

3.4.1 Local Authority Pollution Prevention and Controls

There is one Local Authority Pollution Prevention and Controls recorded within 500m of the site. The closest records relate to the PG6/40 coating and recoating of aircraft and aircraft components, located approximately 348m north of the site.

3.4.2 Water Abstractions

There is one water abstraction licence recorded within 500m of the site. The closest records relate to the boiler feed borehole for Moston mill, located approximately 354m south of the site boundary. This has been since revoked.

3.4.3 OS Water Network Lines

There are seven OS Water Network Lines within 500m of the site. The closest is an inland river within the Mersey catchment located approximately 154m east of the site.



3.4.4 Historic Landfill Sites

There are two Historic Landfill Sites located within 500m of the site, the closest is related to the former Chadderton landfill site for the deposition of waste including inert and industrial waste approximately 361m north-west of the site, which operated from 1948.

3.4.5 Licenced Waste Management Facilities (Landfill boundaries)

There is one Licenced Waste Management Facility (Landfill boundaries) located within 500m of the site, the closest record relates to a facility approximately 361m north-west of the site with the licence status 'Closure'.

3.4.6 Contemporary Trade Directory Entries

There are twenty-one contemporary trade directory entries within 500m of the site. The closest being a car dealers, approximately 49m west of the site boundary.

3.4.7 Fuel Station Entries

There is one fuel station entry within 500m of the site, relating to Moston service station, approximately 154m south-east of the site boundary.

3.4.8 Points of Interest – Commercial Services

There are eleven points of interest relating to commercial services within 500m of the site, with four within the site itself, all four of which relate to Barr soft drinks/ AG Barr PLC and the transport, haulage and delivery of their products.

3.4.9 Points of Interest – Manufacturing

There are ten points of interest relating to manufacturing within 500m of the site, with three within the site itself, all of which relate to the production of Tanks (generic).

3.4.10 Points of Interest – Public Infrastructure

There are two points of interest relating to Public Infrastructure within 500m of the site, both of which refer to Moston Rail Station, approximately 228m to the south-east of the site boundary.

3.4.11 Other Activities and Records

There are other significant activities and records that the Envirocheck Report indicates as not being present within 500m of the site. These include:

- Pollution incidents to controlled waters.
- Discharge Consents.
- Integrated Pollution Prevention and Control
- Integrated Pollution Controls
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcements
- Pollution Incidents to Controlled Waters
- Substantiated Pollution Incident Register
- Licensed Waste Management Facilities (Locations)
- Local Authority Recorded Landfill Sites
- Registered Waste Transfer Sites
- BGS Recorded Landfill Sites
- Potentially Infilled Land (Water)
- Registered Landfill Sites
- Registered Waste Treatment or Disposal Sites
- Control of Major Accident Hazards Sites (COMAH)
- Planning Hazardous Substance Consents



3.4.12 Radon

The site is in a lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level), the Envirocheck report indicates that no radon protective measures are necessary for the construction of new dwellings or extensions on site.

3.4.13 Nitrate Vulnerable Zones

The site is located within a nitrate-vulnerable zone.

4 Preliminary Conceptual Site Model

The Contaminated Land (England) Regulations provide a risk-based approach to contaminated land in England. The government has adopted a 'suitable for use' criteria under the Regulations. This means that remediation is only required to the standard that is acceptable for the use of a site.

Land is only defined as 'contaminated' under the Regulations where it appears to the regulatory authority that:

- Significant environmental harm is being caused, or is likely to be caused; or
- Significant pollution of controlled waters is being caused or is likely to be caused.

Risk is defined as the combination of:

- The probability, or frequency of occurrence of a defined hazard; and
- The magnitude (including the seriousness) of the consequences.

For a risk of environmental harm or pollution to occur as a result of contaminated land, all the following elements must be present:

- A **Source**, i.e., a contaminant which could cause harm to health and/or the environment. Sources include current and historical uses, activities, and events either on the site or in the surrounding area.
- A **Receptor**, i.e., a target which could be harmed by the contaminant. Receptors include both human and non-human organisms, 'controlled waters' (groundwater and surface water) and building materials (concrete and plastic); and
- A **Pathway**, i.e., a route by which contaminants could move from a source to a receptor.

A **Pollutant Linkage** occurs when a contaminant is able to move from a source, via a pathway to a receptor. Each element may exist in isolation and pose no environmental risk. It is only when all three elements are linked to each other that a pollution linkage exists and poses an environmental risk. If all three elements are present, then the magnitude of the risk is a function of the mobility of the source, the sensitivity of the receptor, and the nature of the pathway.

Environmental risks associated with pollutant linkages at a site are assessed on the basis of information obtained from the desk study, site observations, and laboratory testing results and are ranked into the following categories:

- **High:** A pollutant linkage is present, and this poses a significant risk to the identified receptor(s). Action must be taken to remove the pollutant linkage and/or reduce the risk.
- **Medium:** A pollutant linkage is present and there is sufficient evidence to suggest that this is likely to pose a significant risk to the identified receptor(s). Further investigation and assessment should be undertaken to confirm this.



- **Low:** A pollutant linkage is present and there is sufficient evidence to suggest that this is unlikely to pose a significant risk to the identified receptor(s). Further investigation and assessment may be undertaken to confirm this.
- **Negligible:** A pollutant linkage may be present, but this poses no significant risk to the identified receptor(s).

4.1 Potential Sources of Contamination

A review of the historical maps indicates that the site was present as open fields at the time of the first mapping series in 1848 and remained this way until the 1933 mapping when the 'Atlas engineering works' were first mapped on site. The mapping series reflects that since this initial development, the site has operated as an industrial unit with a slight expansion highlighted in the 1951-1952 mapping series, with the works footprint expanding and outbuildings being added. In the 1986 mapping, the works were relabelled as warehouses and expanded to a larger footprint with a more broadly square shape, suggesting possible demolition and redevelopment. As well as this, tanks are listed in the north-west of the site, adjacent to the outbuilding in the north-westerly corner. Later mapping series show the site being used by HGVs since at least 2000, presumably earlier than this also. There is evidence of historical vehicle maintenance on site in the north-west corner and bulk fuel storage for these vehicles has also been maintained on site, currently and historically.

Historical activities on site will have given rise to the potential for metals, TPH, BTEX, phenol, cyanide, PAH, VOC's and asbestos to be on site. The tanks listed on site relating to the railway developments provide another potential source of contamination. Typical potential contaminants for these tanks include hydrocarbons and asbestos.

The construction of residential units in close proximity to the site may present a source of contamination, as these will likely have been cleared and levelled during construction, which may have involved the placement of Made Ground. The longstanding railway and embankment to the east of site may also provide a source of contamination. The roads adjacent to the site may also represent an issue with surface water run-off into the site, as well as the nearby construction of the M60.

Typically, Made Ground can contain concentrations of contaminants such as metals, PAH's, TPH, and asbestos. Associated ground gases such as methane, carbon dioxide, hydrogen sulphide and carbon monoxide may also be present. Elevated pH and water-soluble sulphate concentrations may also be present within the Made Ground and natural strata.

Hence, the following potential **on-site** sources of contamination have been identified:

- Low to medium level metals, phenol cyanide, PAH, TPH, BTEX, VOC's and asbestos.
- Low to medium level ground gas generation from Made Ground and natural strata.
- Medium level PAH, TPH, BTEX and VOCs from 'tanks' mapped on site.
- Elevated pH and water-soluble sulphate within Made Ground and natural strata.

The following potential **off-site** sources of contamination have been identified:

- Low level ground gas generation from Made Ground and natural strata.
- Low level metal, TPH, BTEX, VOC's, PAH, and PCB contamination from Made Ground deposits and off-site activities.



4.2 Potential Migration Pathways

The following potential migration pathways have been identified:

- **Inhalation:** Breathing dust and vapours from contaminated soil in outdoor air. Vapours can also migrate into buildings resulting in inhalation by the occupants.
- **Ingestion:** Eating and swallowing of contaminated soil either by deliberate consumption, indirectly by eating or smoking with dirty hands or by ingestion of fugitive dust.
- **Dermal Contact:** Direct contact with contaminated soil and groundwater, causing skin conditions such as dermatitis etc. Certain contaminants can be absorbed into the body through the skin or enter directly through open cuts or abrasions.
- **Migration of Dissolved Phase/Aqueous Contaminants:** Mobile contaminants such as hydrocarbons can migrate through near surface materials both laterally and vertically and impact adjoining land and groundwater.
- **Migration of Ground Gas/Vapours:** Ground gases/vapours can migrate laterally or vertically through permeable or voided ground and accumulate within unprotected buildings.
- **Aggressive Attack/Direct Contact:** Building materials can be damaged by direct contact with aggressive ground conditions, for example sulphate attack on concrete.

4.3 Potential Receptors of Contamination

The following potential human health and environmental receptors have been identified:

- Future Site Workers
- Customers
- Construction Workers
- Buried Concrete (e.g., concrete foundations)
- Drinking Water Pipes
- Aquifers including Secondary Aquifer 'A' (Bedrock)

It should be noted at this stage, we do not consider there to be a significant risk to identified controlled water receptors given the anticipated geology and the distance to identified controlled water receptors. This position should be reviewed following the initial findings of the intrusive investigation.

4.4 Preliminary Source-Pathway-Receptor Relationships

The preliminary Source-Pathway-Receptor relationships identified for the site bearing in mind the proposed development proposals are summarised as follows:

Table 4.1: Preliminary Source-Pathway-Receptor Relationships

Source Material/Activity	Potential Contaminant	Pathways	Receptor	Risk
Made Ground associated with potential infilled area, access areas and built structures	Metals, PAH, TPH, BTEX, VOC's	Inhalation, Ingestion, Dermal contact	Future site workers, Construction workers, Customers	Low to Medium
	Asbestos containing materials.	Inhalation	Future site workers, Construction workers, Customers	Low to Medium



Source Material/Activity	Potential Contaminant	Pathways	Receptor	Risk
	pH Water-soluble Sulphate	Aggressive attack	Buried concrete	Low to Medium
	PAH, TPH, BTEX VOC's	Direct Contact	Water Supply Pipes	Low to Medium
	Methane, Carbon Dioxide, Carbon Monoxide, Hydrogen Sulphide	Migration of Ground Gas/Vapours	Future site workers, Construction workers, Customers	Low to Medium
	Metals, PAH, TPH, BTEX, VOC's	Migration of Dissolved Phase/Aqueous Contaminants	Secondary A Aquifers	Low
Natural Strata Across Site	pH Water-soluble Sulphate	Aggressive attack	Buried concrete	Low to Medium
	Methane, Carbon Dioxide, Carbon Monoxide, Hydrogen Sulphide	Migration of Ground Gas/Vapours	Future site workers, Construction workers, Customers	Low to Medium
'Tanks' Mapped on Site	PAH, TPH, BTEX VOC's	Direct Contact, Inhalation, Ingestion, Dermal contact	Future site workers, Construction workers, Customers	Medium
Made Ground on Adjacent Sites	Methane, Carbon Dioxide, Carbon Monoxide, Hydrogen Sulphide	Migration of Ground Gas/Vapours	Future site workers, Construction workers, Customers	Low
	Metals, PAH, TPH, BTEX, VOC's, PCB's	Inhalation, Ingestion, Dermal contact	Future site workers, Construction workers, Customers	Low
	PAH, TPH, BTEX VOC's	Direct Contact	Water Supply Pipes	Low
	Metals, PAH, TPH, BTEX, VOC's	Migration of Dissolved Phase/Aqueous Contaminants	Secondary A Aquifers	Low
Natural Strata on Adjacent Sites	Methane, Carbon Dioxide, Carbon Monoxide, Hydrogen Sulphide	Migration of Ground Gas/Vapours	Future site workers, Construction workers, Customers	Low



5 Conclusions and Recommendations

5.1 Development Proposals

The proposals are to demolish the existing buildings and construct a Lidl store with associated infrastructure including access and parking areas.

5.2 Environmental Assessment

Potential, predominantly low to medium level risks have been identified at the site relating to identified receptors. Potential risks are posed by the presence of metals, cyanide, phenol, PAH, TPH, BTEX, VOC's, PCB's, asbestos, pH, water-soluble sulphate, and ground gases. It should be noted that to determine the presence of these contaminants a targeted ground investigation will be required to identify if previous land uses and areas where features such as the historic tanks and industrial buildings have introduced higher levels of contaminants with respect to human health.

These risks cannot be removed through a desk-based risk assessment alone and hence it is recommended that these potential risks are assessed further through an appropriate intrusive investigation which should be sufficient in scope to assess the potential risks and enable the development of a remedial strategy for the site if required.

5.3 Geotechnical Assessment

Based on the anticipated geology, conventional strip or trench fill foundations may be appropriate, however if significant depths of Made Ground are encountered or if soft or loose natural strata with poor bearing characteristics are encountered, it may be the case that deeper piled foundations may be necessary, this will be subject to confirmation after a targeted ground investigation has taken place.

Elevated pH and water-soluble sulphates can arise from Made Ground and natural strata; this is deemed to be low to medium risk.

There is a likelihood of limited tree/hedgerow influence with tree growth bounding the majority of the border of the site. Therefore, the potential for heave should be considered dependent upon the near surface strata present on site.

The identified fault line will be present within the deeper, bedrock geology. Given the absence of any proposed, deep basement type structures, it is unlikely that this will require further investigation, unless it is evident that its presence has resulted in a significant impact on the near surface geology.

5.4 Proposed Investigation

Given the development proposals, anticipated geology and significant constraints that will be imposed by undertaking an investigation at preacquisition stage, whilst the existing structures are in place, it is considered that an appropriate, initial phase of investigation would comprise window sample boreholes. This will enable investigation externally and internally within the existing warehouse buildings. It may be the case that the ground conditions may require deeper exploratory holes and the therefore larger equipment, such as cable percussive drilling for piled foundation design, however given the existing buildings cover a large proportion of the proposed building footprint, these may need to be undertaken post demolition.

The investigation should include appropriate testing, interpretation, and assessment to clarify the environmental and human health risks identified within the desk study, as well as geotechnical analysis to assist in foundation and floor slab design. The necessity and appropriateness for further investigative works including soakaway testing, plate bearing tests and the potential for deeper

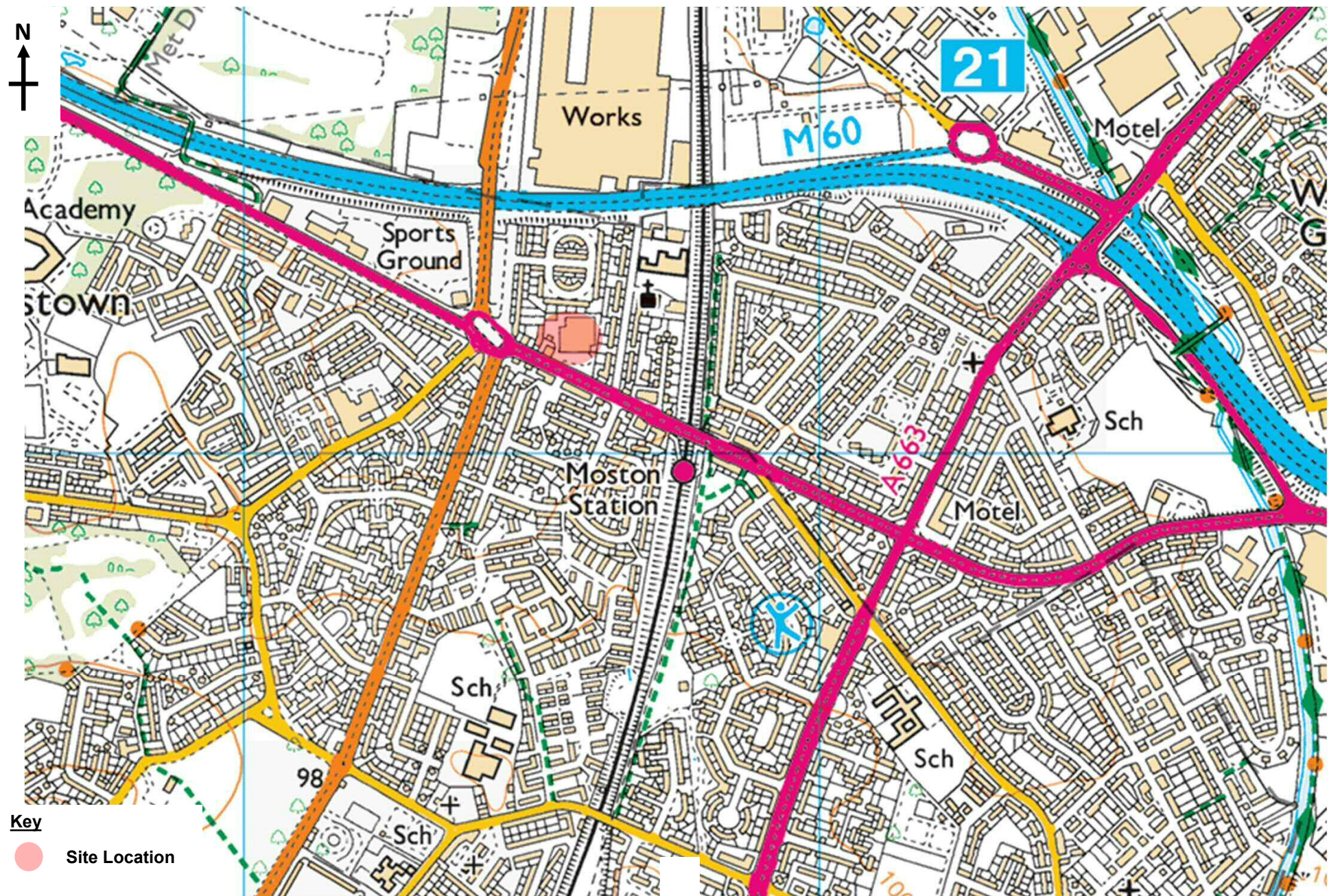


boreholes should be considered once an initial assessment of parameters across the site has been completed.



Drawings





PLANT ON ROOF

LAYOUT SUBJECT TO
RECEIPT OF FULL
TOPOGRAPHICAL &
UTILITES SURVEY TO
DETERMINE EXISTING
LEVELS AND SITE UTILITIES

SERVICE YARD AND HGV
TURNING ZONE SUBJECT
TO HIGHWAYS INPUT AND
TRACKING

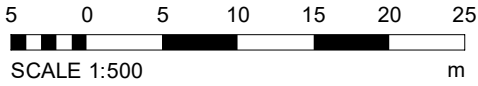
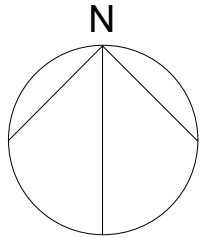
PARENT & CHILD PARKING
SPACES

SITE LOCATED IN FLOOD
ZONE 1 (LOW RISK)

2NO. EVC PARKING SPACES

LIDL FLAGPOLE

EXISTING ACCESS/EGREES
WIDENED AS PER LIDL
SPEC- SUBJECT TO
HIGHWAYS REVIEW AND
LPA APPROVAL



ASSUMED SITE BOUNDARY

ROOF MOUNTED PLANT
AREA

M.O.E ROUTE

ST MARGARETS ROAD

HOLLINWOOD AVENUE

106.7m

HOLLINWOOD AVENUE

Shelter

Health Centre

411

405 to 407

403

397

36

24

27

13

1

408

402

2

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For other information refer to the latest revision of any cross referenced drawings.
To be read in conjunction with relevant design standards/protocols

This is a colour drawing. In order to ensure any subsequent reproduction is viewed correctly it should be printed in full colour.

FEASIBILITY CHECKLIST

☒	Initial Client Brief
☒	Ordinance Survey Map
☐	Legal Input to include Title Information
☐	Topographical Information Incorporation
☐	Client Review
☐	Highways Input / Review
☐	Structural Input / Review
☐	Landscape Design Input / Review
☐	Existing Statutory Services / Utilities Review
☐	Planning Consultant Guidance / Input
☐	Cost Managment Advice - Budget Determined

SITE AREAS			
	SITE BOUNDARY	ACRES	HECTARES
	ASSUMED SITE BOUNDARY	1.99	0.81

PARKING SCHEDULE OPTION 2	
PARKING TYPE	QUANTITY
EVC SPACES	2
LIDL ACCESSIBLE SPACES	6
LIDL PARENT & CHILD SPACES	9
LIDL STANDARD SPACES	92
	109

LIDL BBS 23/24 - LIDL TYPE 1300		
	SQM	SQFT
SALES AREA	1334	14,359
WAREHOUSE	410	4413
ANCILLARY (INCL INT WALLS)	218	2346
GIA	1961	21,108

C1	UPDATED AREA SCHEDULE TO LATEST LAYOUT	25.07.24	MN	NP
P2	OVERLAY OF THE SITE ACCESS ARRANGEMENTS DRAWING	26.04.24	MN	NP
P1	FIRST ISSUE	27.03.24	JM	NP
Rev	Description	Date	Drm	Ckd

Status

SKETCH - NOT FOR CONSTRUCTION

SMR

SMALLEY MARSEY RISPIN

ARCHITECTS

Floor10 The Exchange Station Parade Harrogate HG1 1TS
01423 707 757 admin@smrarchitects.co.uk

Project

HOLLINWOOD AVENUE, MOSTON

Client



Drawing Title

PROPOSED SITE PLAN OPTION 2

Proj Ref	Origin	Zone	Level	Type	Role	Num	Status	Rev
7123 - SMR	-	66	-	ZZ	-	DR - A - 8003	-	S2 - C1
SMR Job Ref	Sheet	Scale	Drawn					
7123-66-8003	A2	1 : 500	SP					

Appendix A

Photographs





Photograph 1 – A view of the offices and southern car park from the site entrance.



Photograph 2 – A view east across the southern car park.



Photograph 3 – A view west across the southern car park.



Photograph 4 – A typical view inside the offices.



Photograph 5 – A typical view inside the offices.



Photograph 6 – A typical view inside the offices.



Photograph 7 – A view east, inside the main, central warehouse.



Photograph 8 – A view west, inside the main, central warehouse.



Photograph 9 – A view west, inside the smaller, northern warehouse.



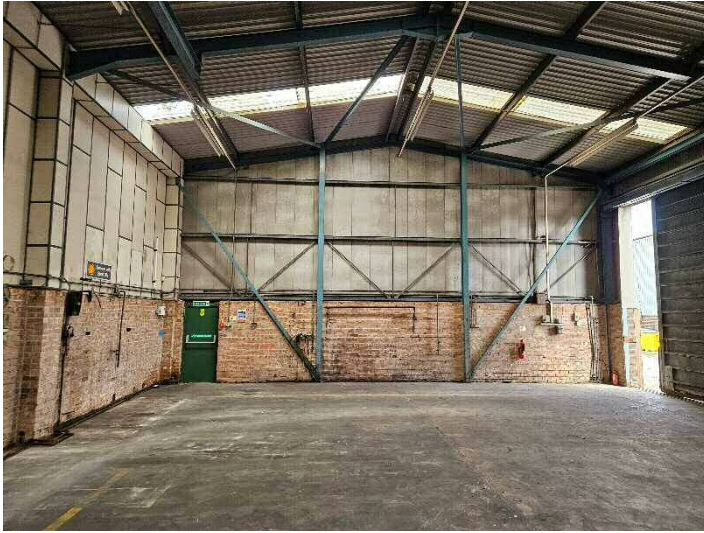
Photograph 10 – A view of the AGST an IBC's adjacent to the western elevation of the main warehouse.



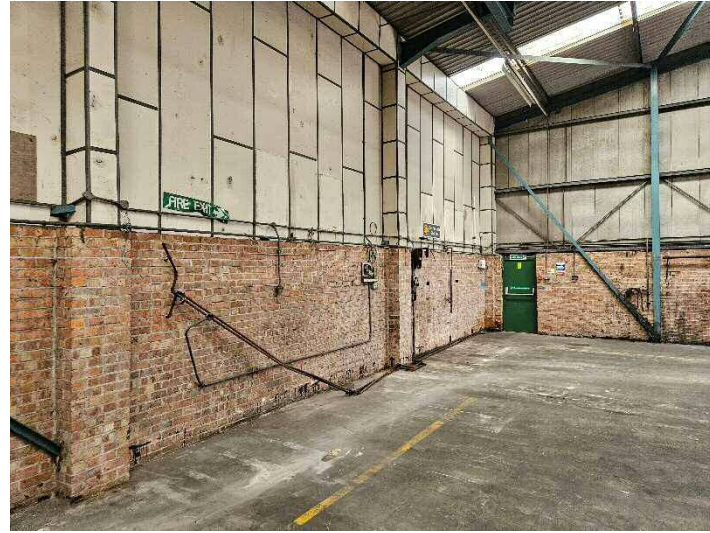
Photograph 11 – A view east, across the western yard area towards the main building.



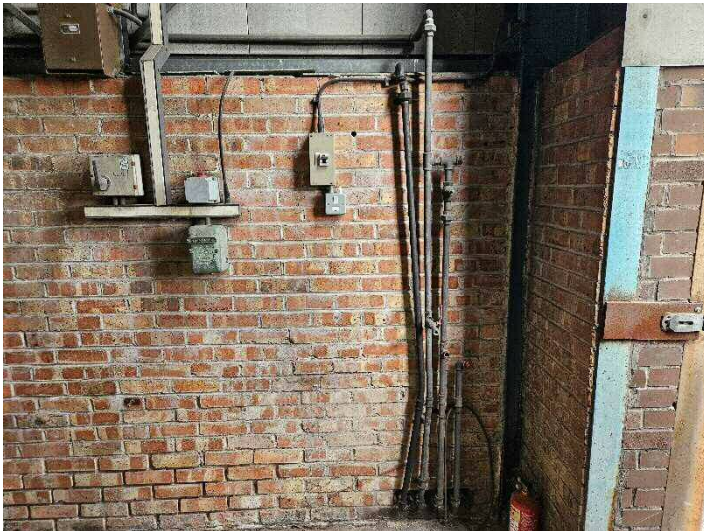
Photograph 12 – A view north, across the western yard area with the former vehicle repair building in the west.



Photograph 13 – A view inside the former vehicle repair building.



Photograph 14 – A view of the redundant pipe work within the former vehicle repair building.



Photograph 15 – A view of the pipe work connecting through the external wall of the vehicle repair building.



Photograph 16 – A view of pipe work exiting the building and potentially connecting with buried infrastructure..



Photograph 17 – A view of the former location of AGST's and holes within the former vehicle maintenance building wall for now removed, connecting pipe work.



Photograph 18 – A view along the northern site boundary.



Photograph 19 – A view along the eastern site boundary.



Photograph 20 – A south along the internal access road towards the site entrance.

Appendix B

Historical Maps



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		
	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		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

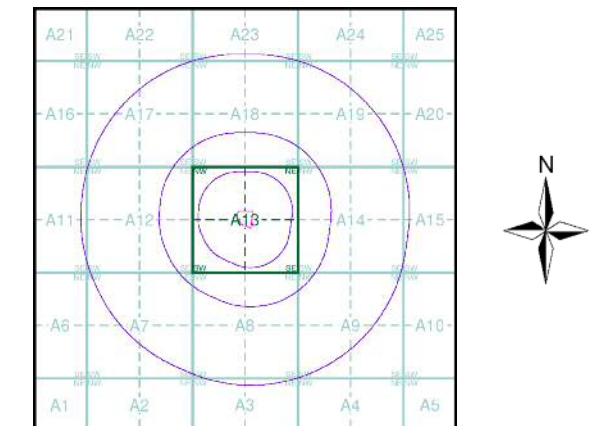
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Yorkshire	1:10,560	1854	4
Cheshire	1:10,560	1882	5
Lancashire And Furness	1:10,560	1894 - 1895	6
Lancashire And Furness	1:10,560	1910	7
Lancashire And Furness	1:10,560	1922 - 1923	8
Lancashire And Furness	1:10,560	1933	9
Lancashire And Furness	1:10,560	1938	10
Ordnance Survey Plan	1:10,000	1956	11
Ordnance Survey Plan	1:10,000	1966	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1978	14
Ordnance Survey Plan	1:10,000	1982	15
Ordnance Survey Plan	1:10,000	1990	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2024	19

Historical Map - Slice A



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

Non-fireproof Building Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale Hydroelectric Power Station

Radio Station, drawn to scale Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry Open-pit Salt Mine

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

Factory or Mill Chimney Factory or Mill with Chimney Factory or Mill without Chimney Mine or Open Pit Mine

Operating Shaft or Mine Non-Operating Shaft or Mine Salt Mine Tailings Pile

Pit Stone Quarry Gas Pump or Service Station Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick Small Hydroelectric Power Station Power Station Transformer Station

Cemetery Burial Mound (height in metres) Triangulation Point on Burial Mound Triangulation Point

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

Telegraph/Telephone Lines Main Highway Highway under Construction Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station Dismantled Railroad Railroad Under Construction

Shore Embankment River or Ditch with Embankment Direction and velocity of current Water Gauge

Well Water Reservoir or Rain Water Pit Spring Isobath with value

Heavy (Index) Contour Line Contour Line and Value Half Contour Line Spot Elevation Value

Coniferous Deciduous Mixed Scrub

Key to Numbers on Mapping

SD80_Manchester

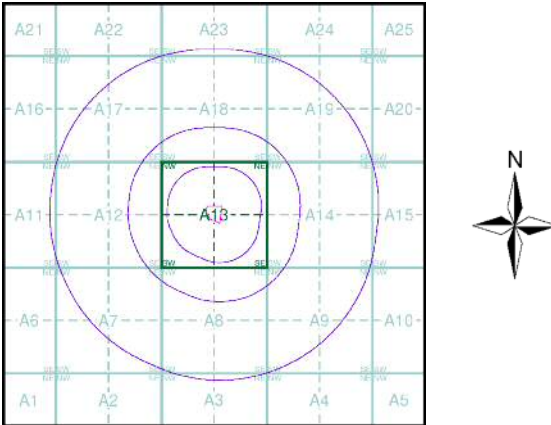
No.	Description
44	Factory (Aircraft)
246	Power Station (Electric)



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Yorkshire	1:10,560	1854	4
Cheshire	1:10,560	1882	5
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10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2024	19

Russian Map - Slice A



Order Details

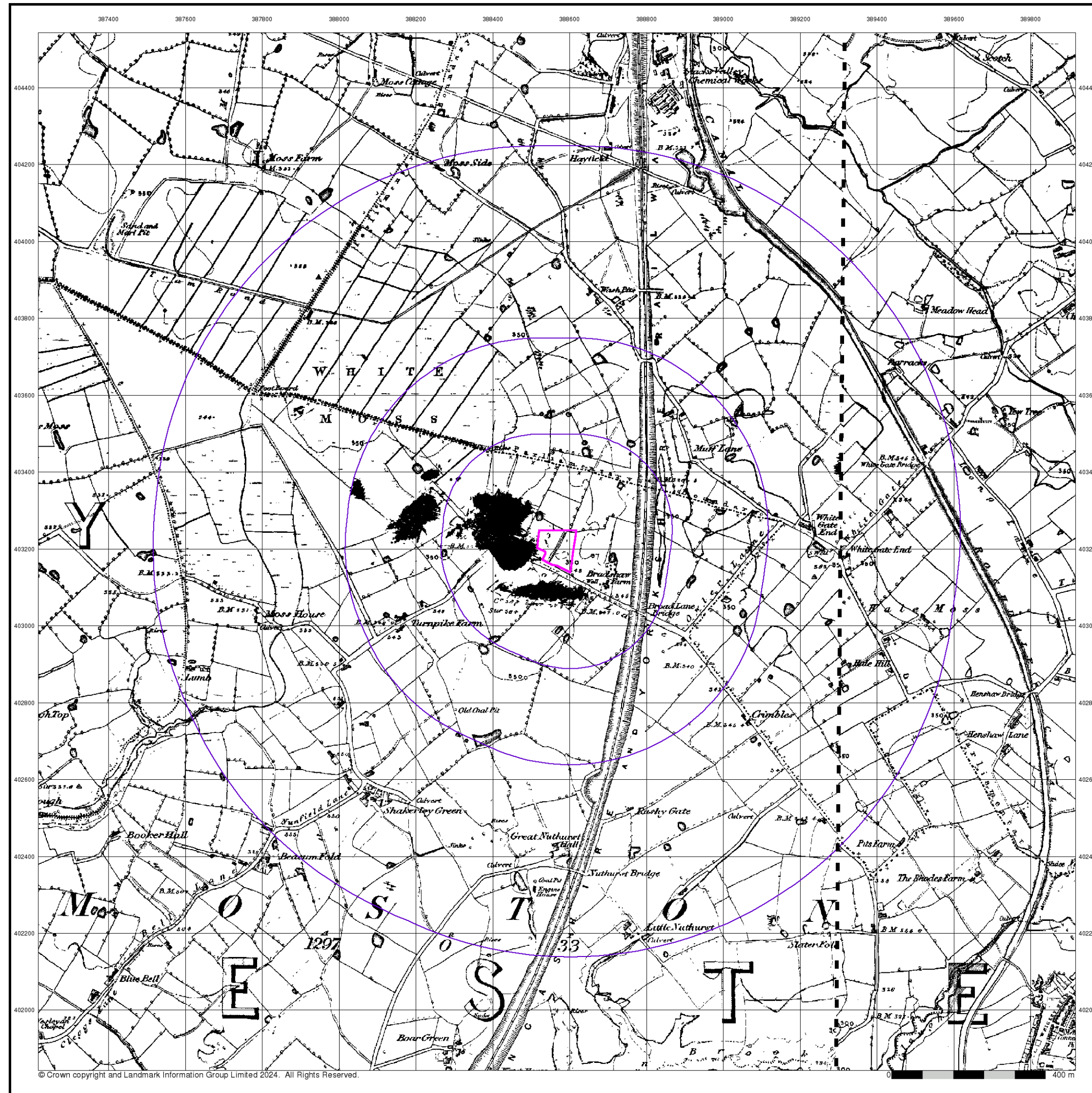
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Slice: A
Site Area (Ha): 0.81
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Site Details

440 Hollinwood Avenue, Manchester



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



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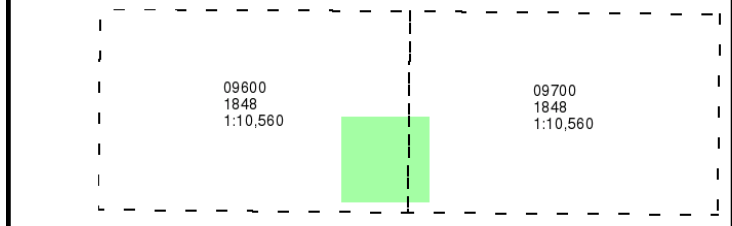
Lancashire And Furness

Published 1848

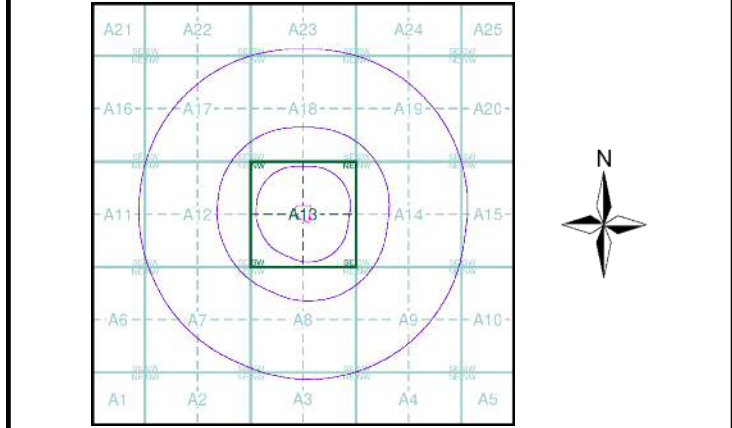
Source map scale - 1:10,560

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:	356020297_1_1
Customer Ref:	24-1990-P
National Grid Reference:	388570, 403200
Slice:	A
Site Area (Ha):	0.81
Search Buffer (m):	1000

Site Details
440 Hollinwood Avenue, Manchester



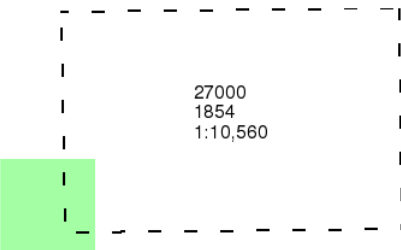
Yorkshire

Published 1854

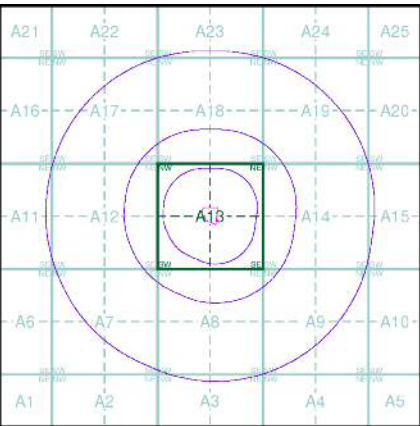
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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: 356020297_1_1
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Site Details

440 Hollinwood Avenue, Manchester

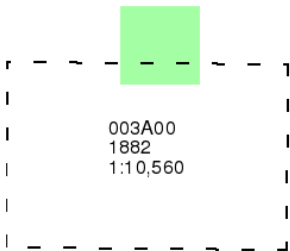
Cheshire

Published 1882

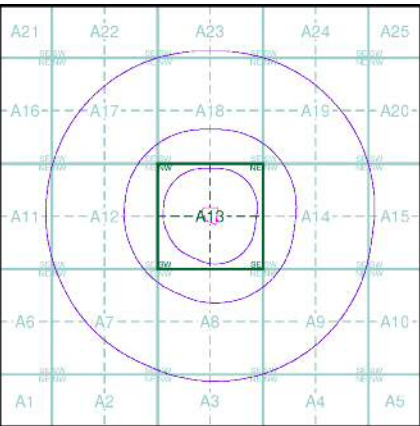
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

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Customer Ref:

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National Grid Reference:

388570, 403200

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Site Area (Ha):

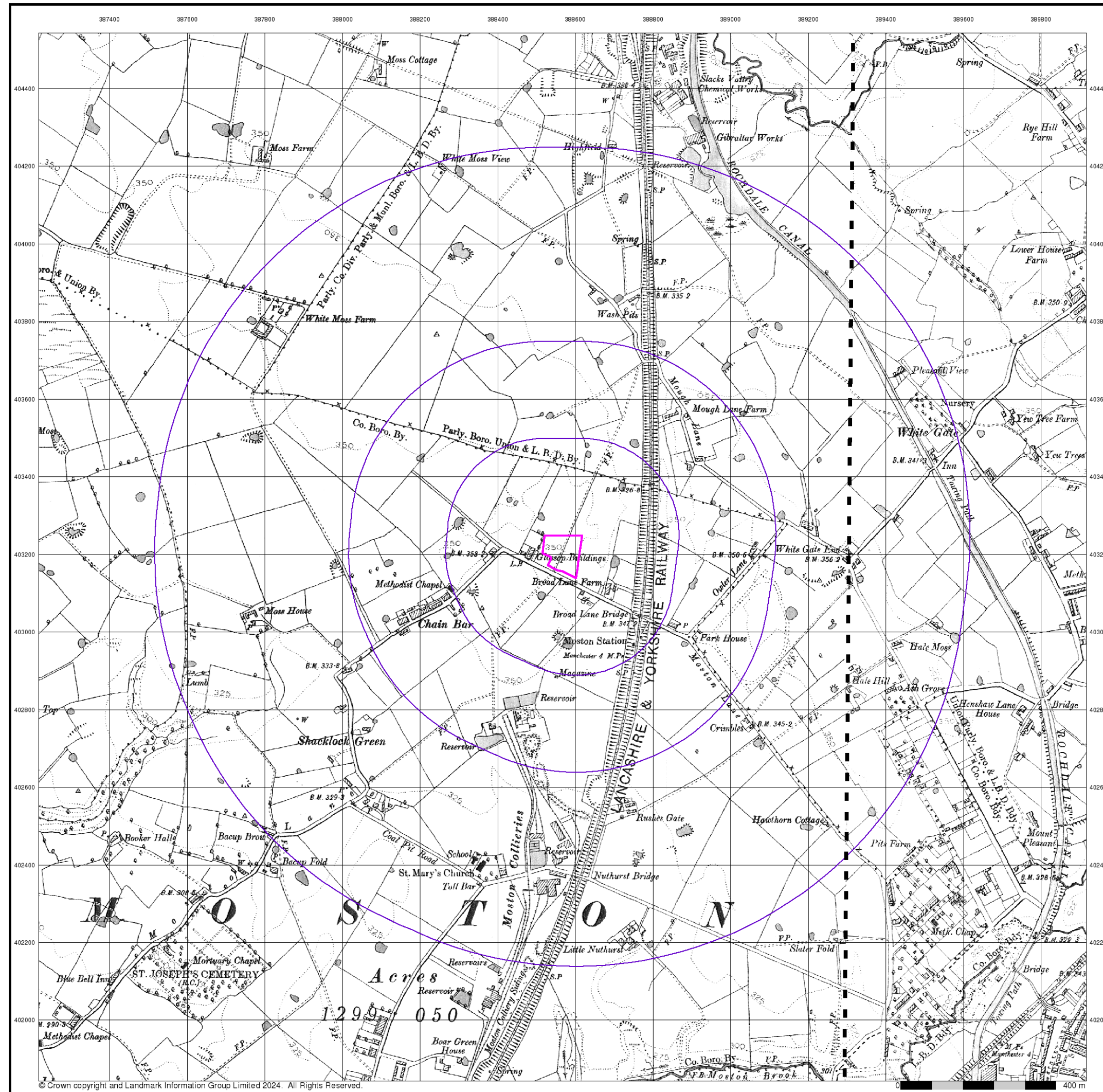
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Search Buffer (m):

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Site Details

440 Hollinwood Avenue, Manchester



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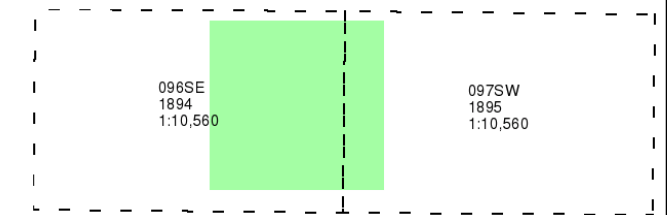
Lancashire And Furness

Published 1894 - 1895

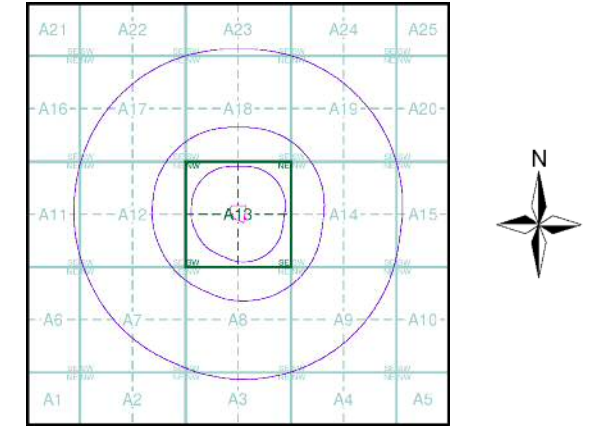
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

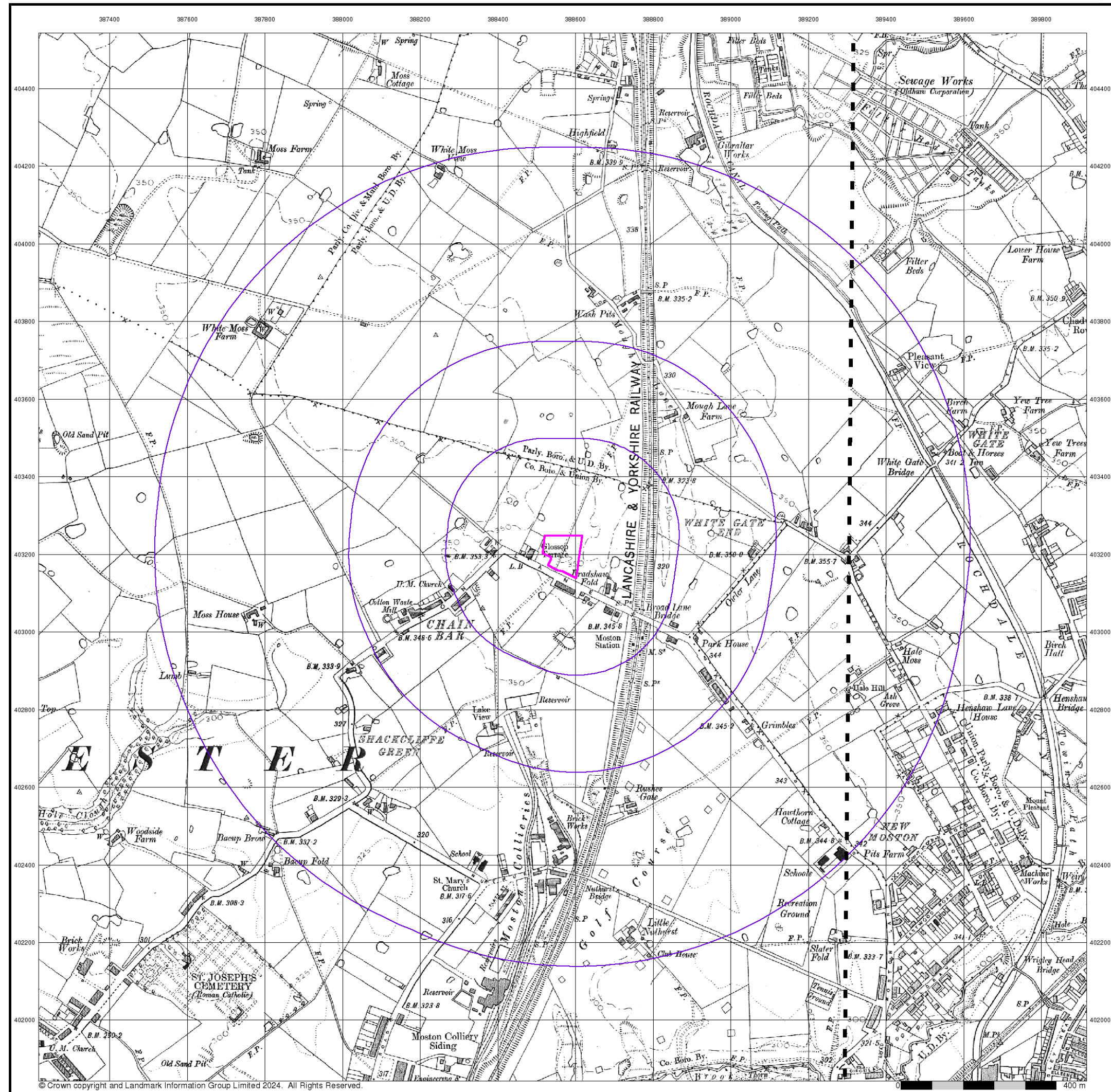
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Site Details

440 Hollinwood Avenue, Manchester



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Web: www.envirocheck.co.uk



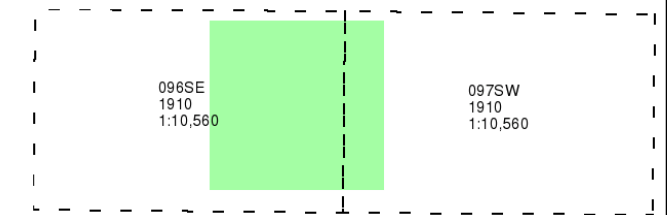
Lancashire And Furness

Published 1910

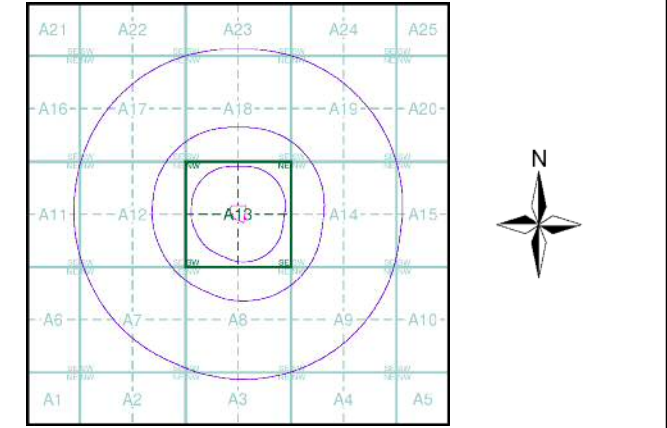
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

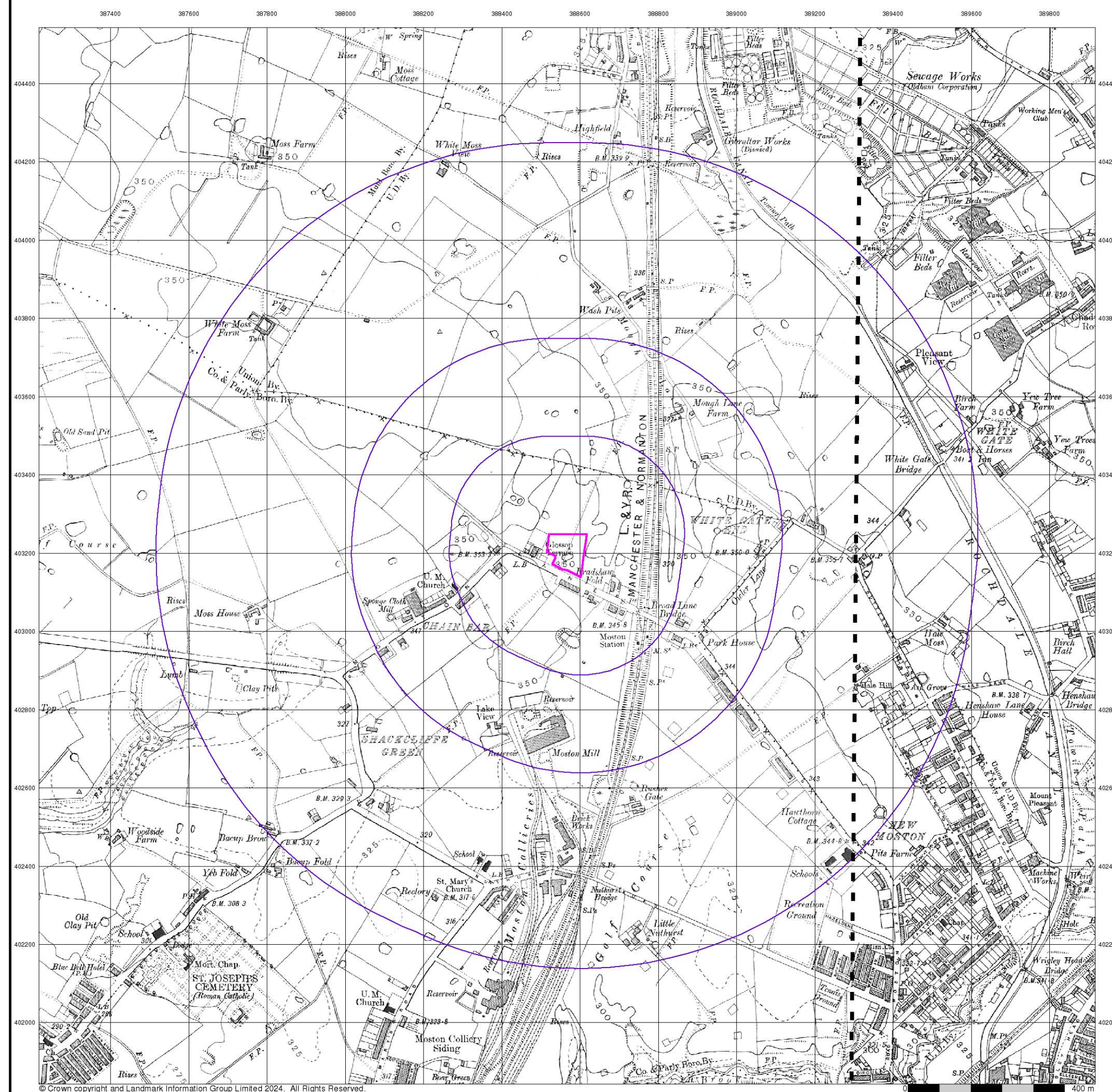
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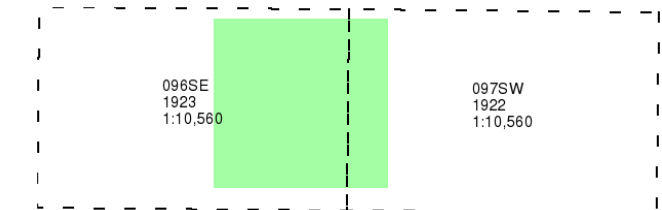
Lancashire And Furness

Published 1922 - 1923

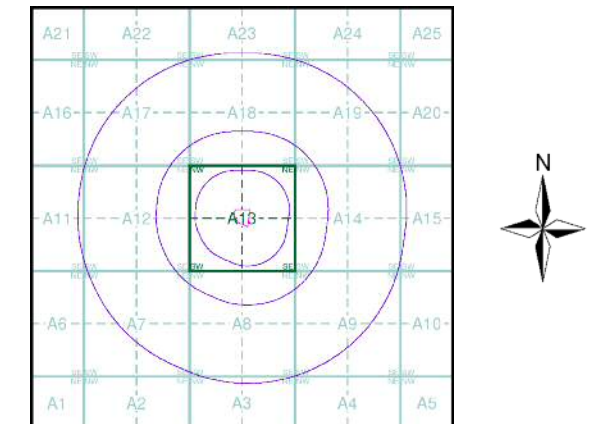
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

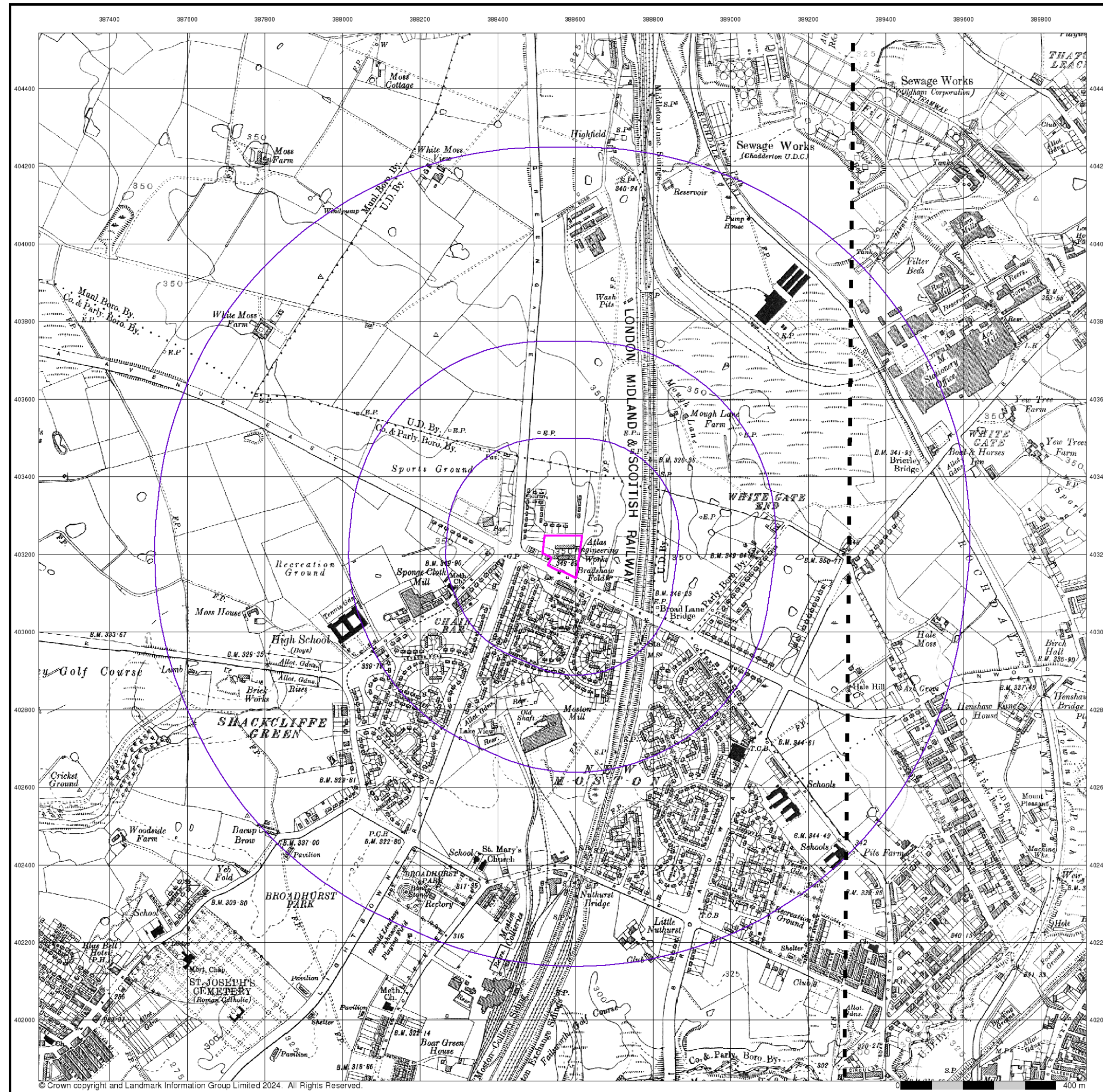
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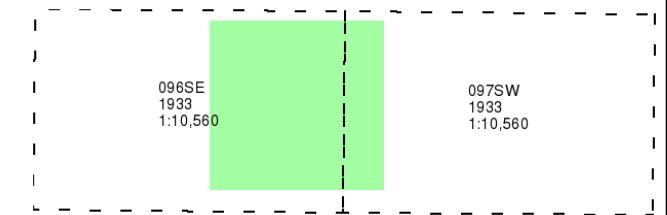
Lancashire And Furness

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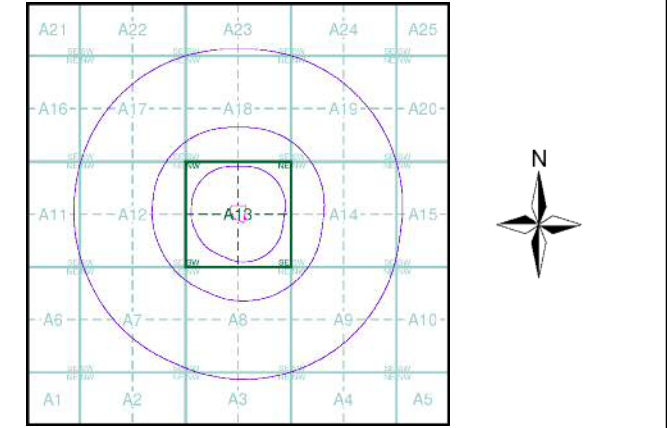
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Map Name(s) and Date(s)



Historical Map - Slice A



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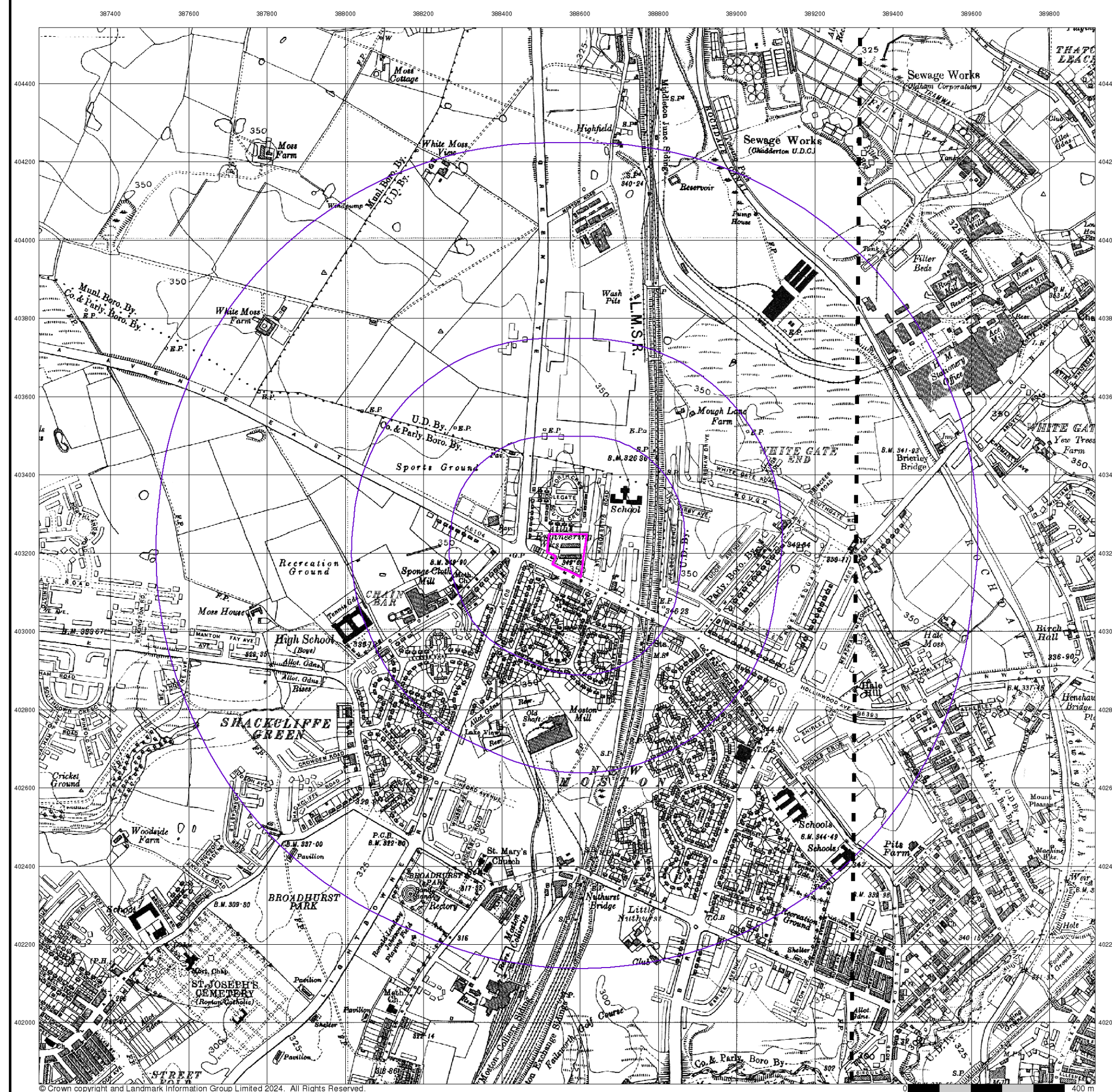
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Site Details

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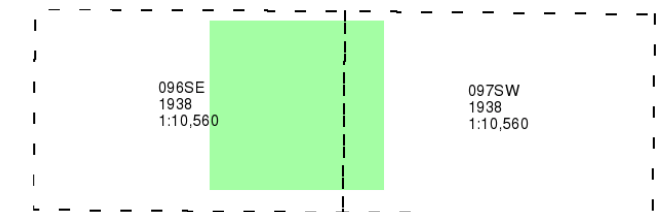
Lancashire And Furness

Published 1938

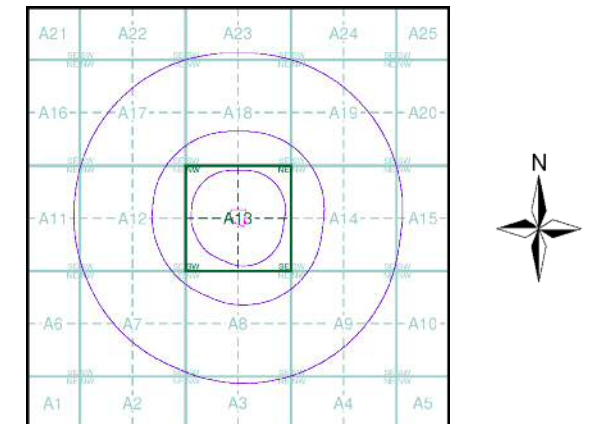
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

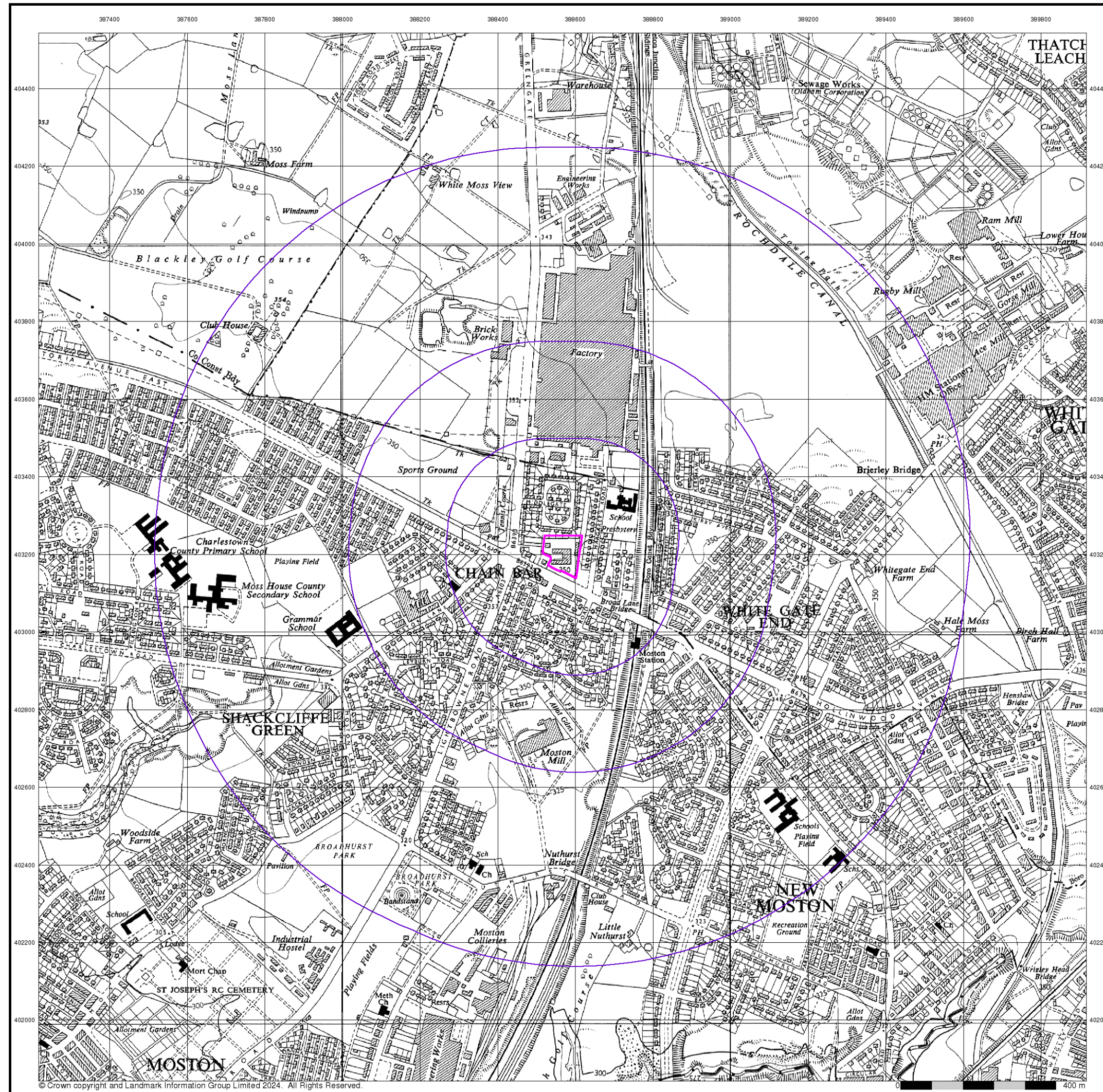
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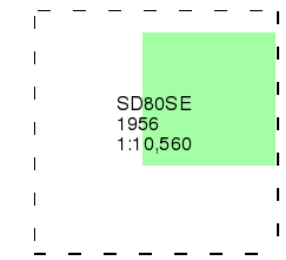
Ordnance Survey Plan

Published 1956

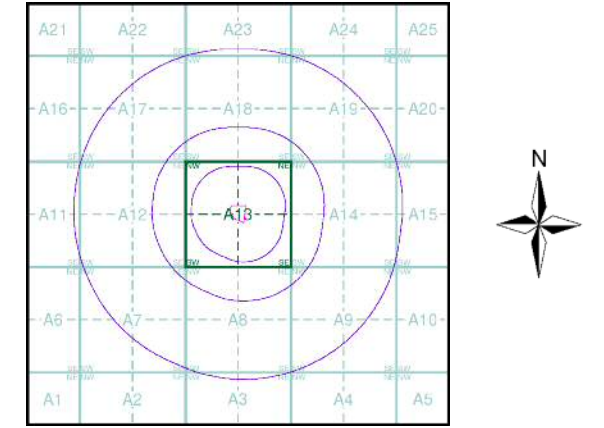
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

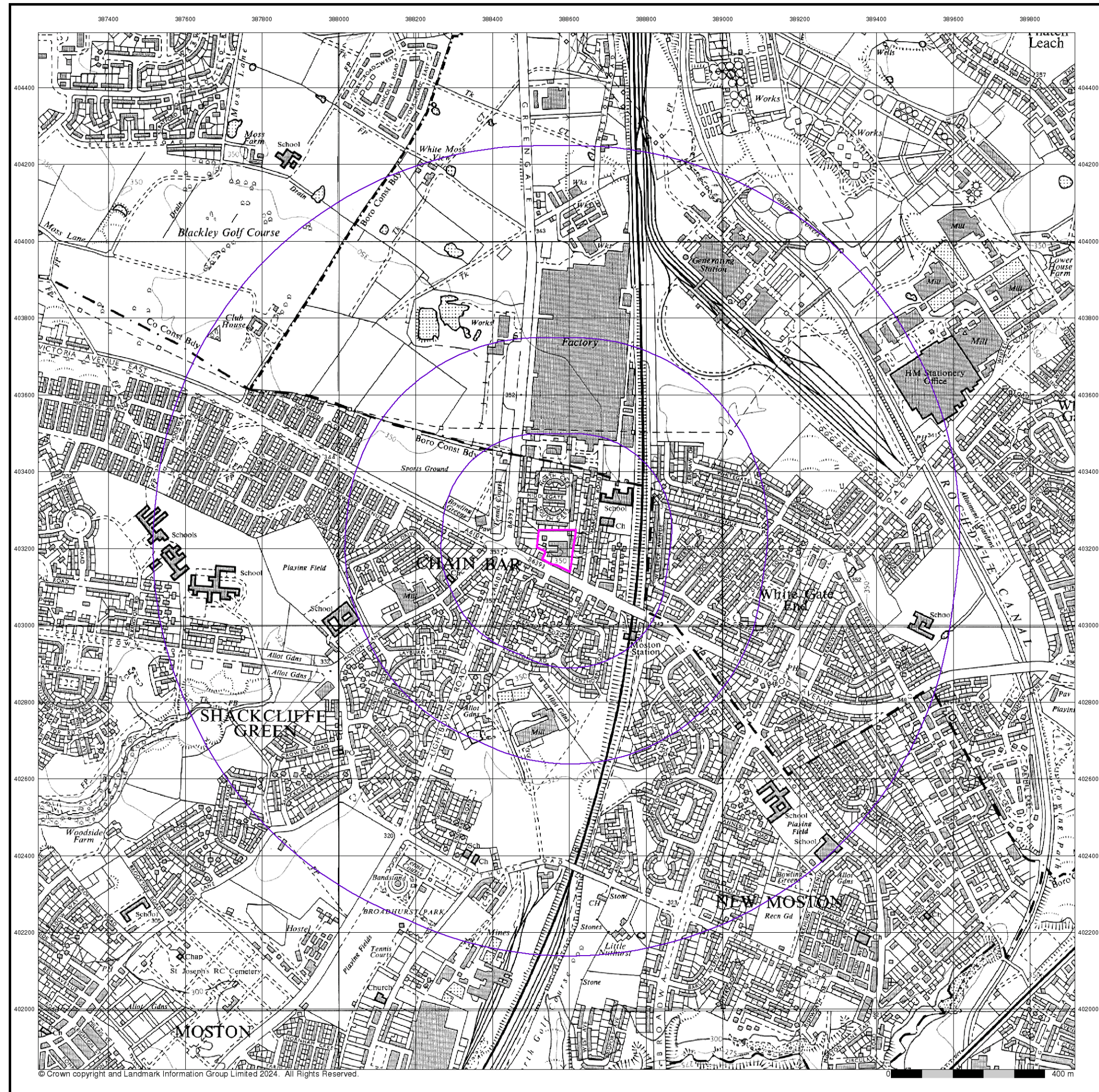
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Site Details

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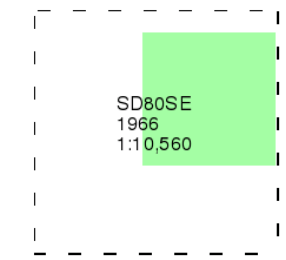
Ordnance Survey Plan

Published 1966

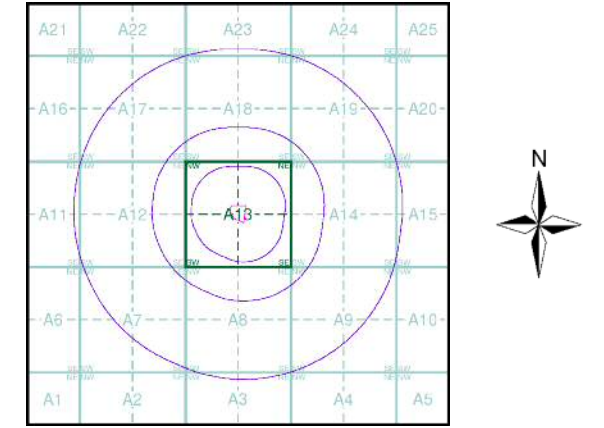
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Historical Map - Slice A



Order Details	
Order Number:	356020297_1_1
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Slice:	A
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440 Hollinwood Avenue, Manchester

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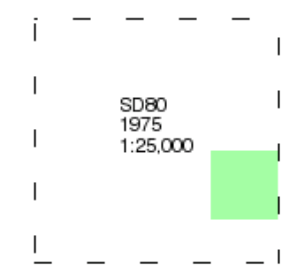
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Published 1975

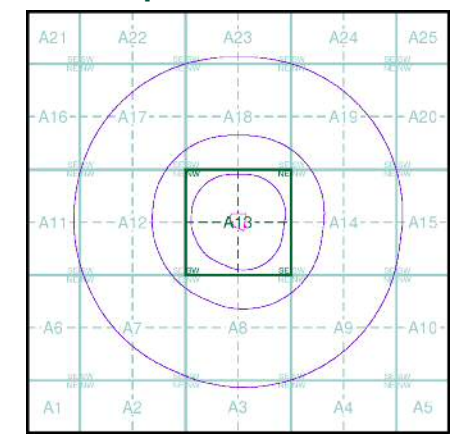
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

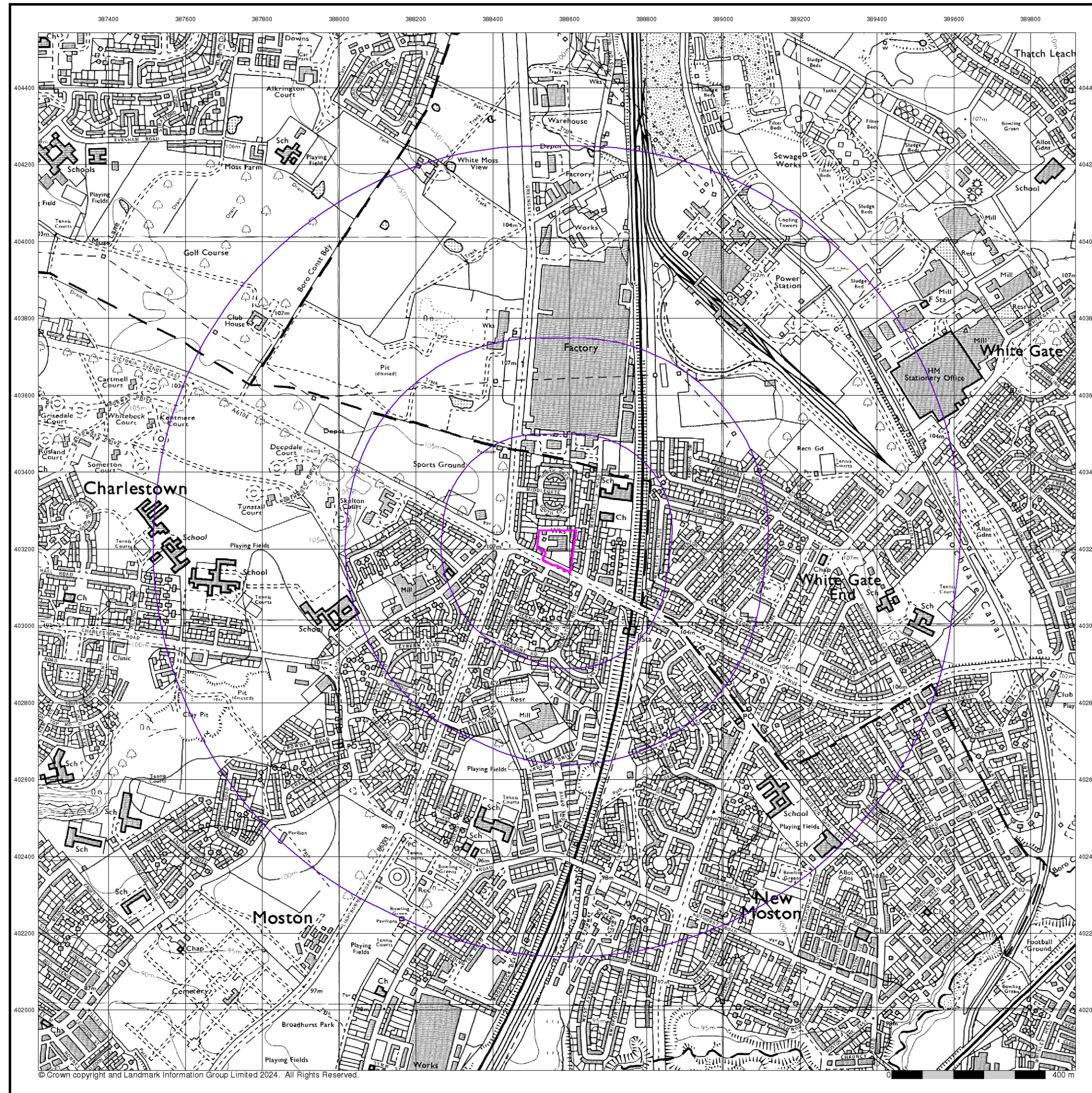
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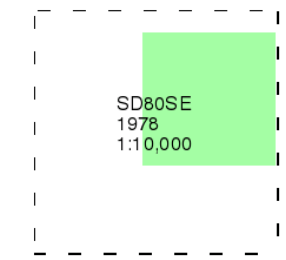
Ordnance Survey Plan

Published 1978

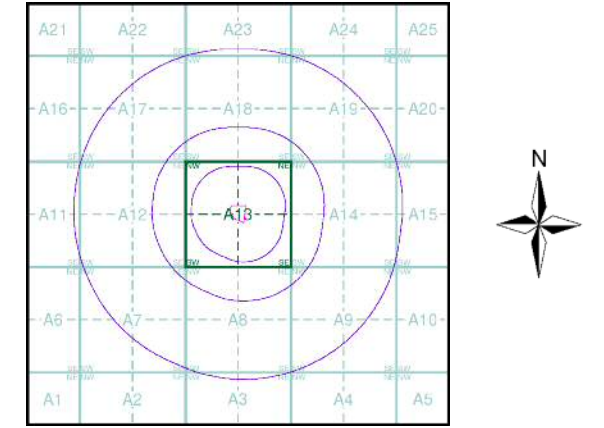
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Historical Map - Slice A



Order Details

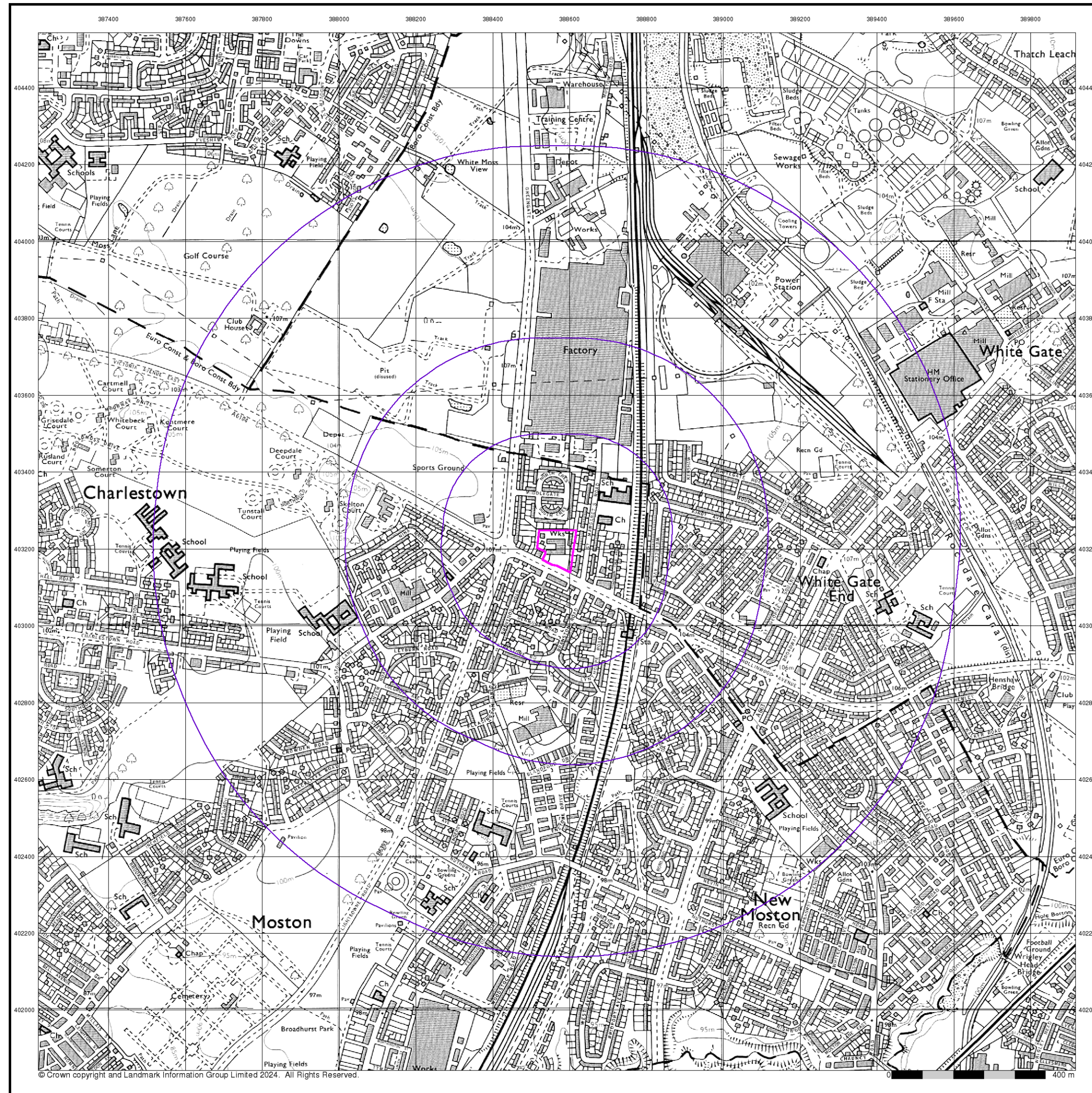
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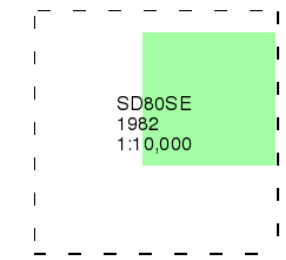
Ordnance Survey Plan

Published 1982

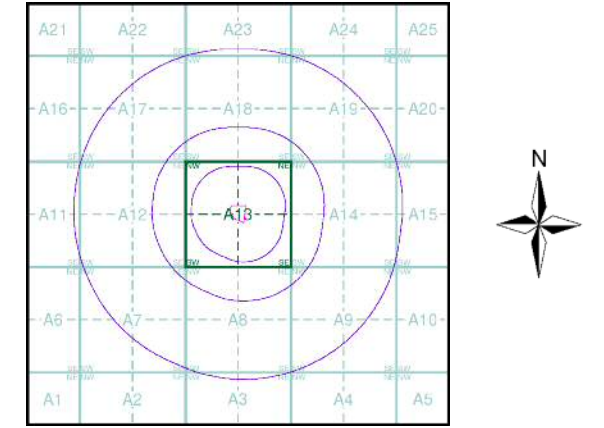
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Historical Map - Slice A



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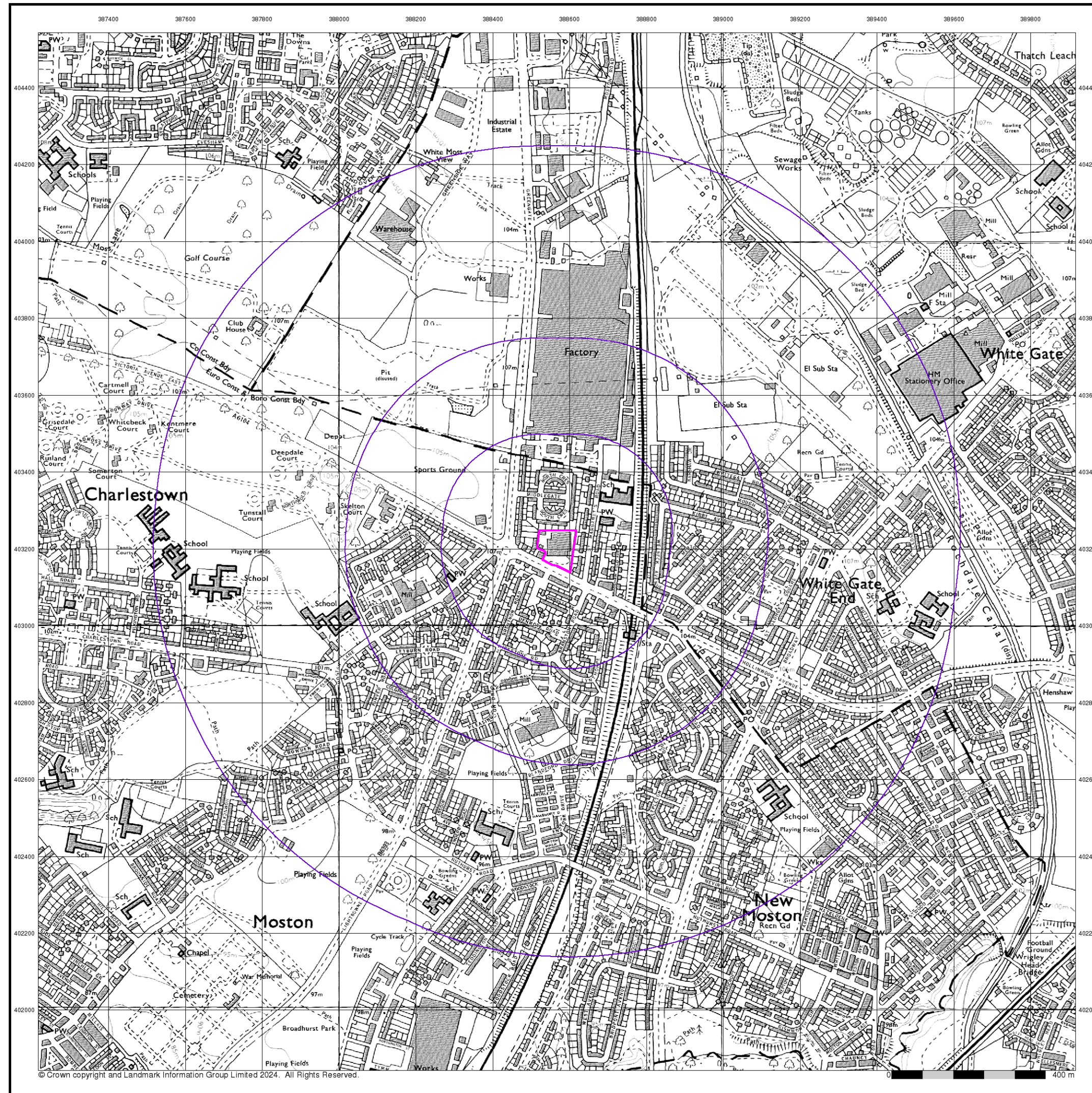
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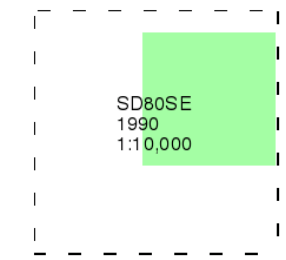
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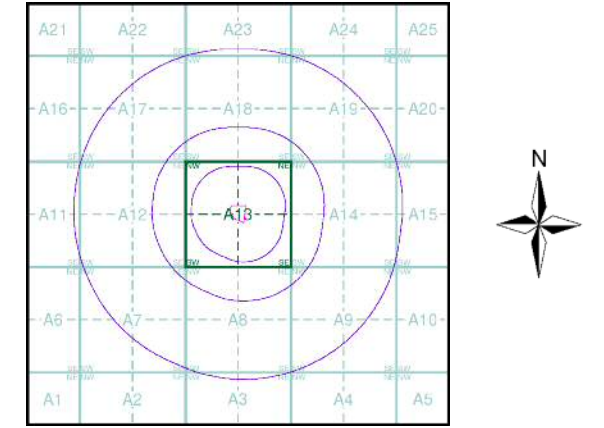
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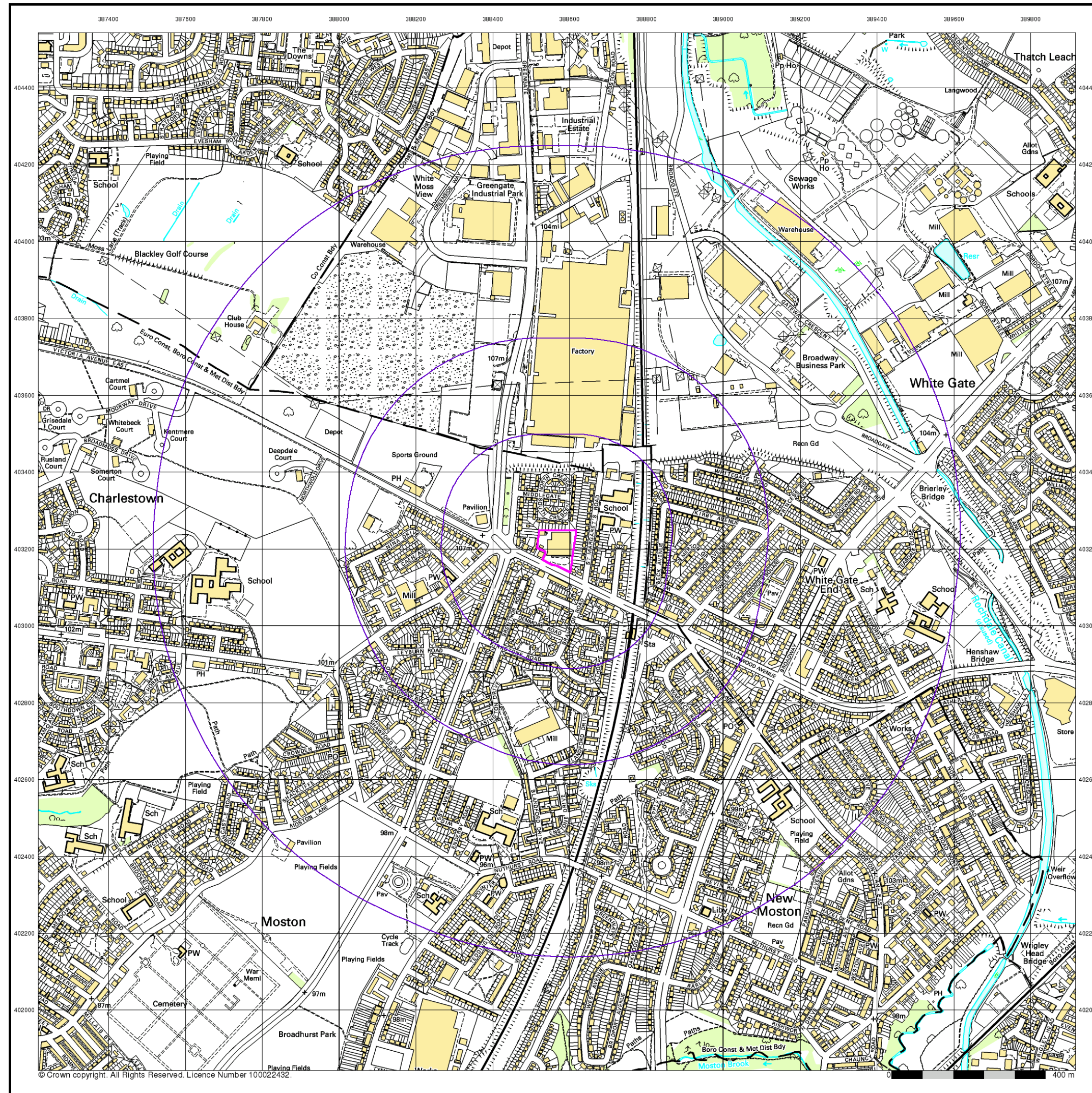


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Site Area (Ha): 0.81
Search Buffer (m): 1000

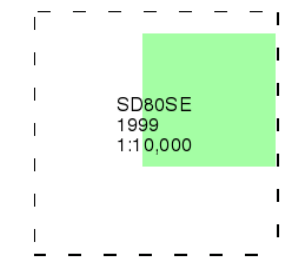
Site Details
440 Hollinwood Avenue, Manchester



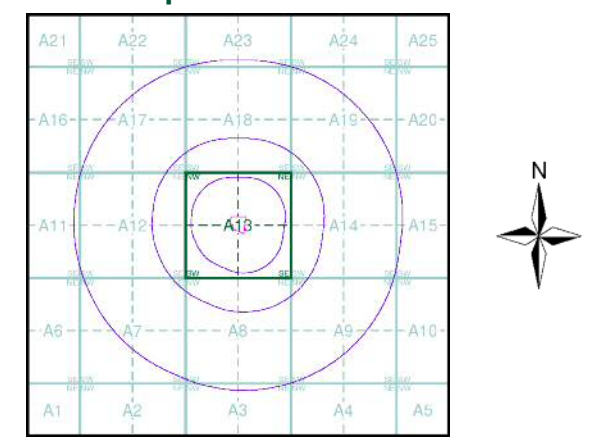
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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)

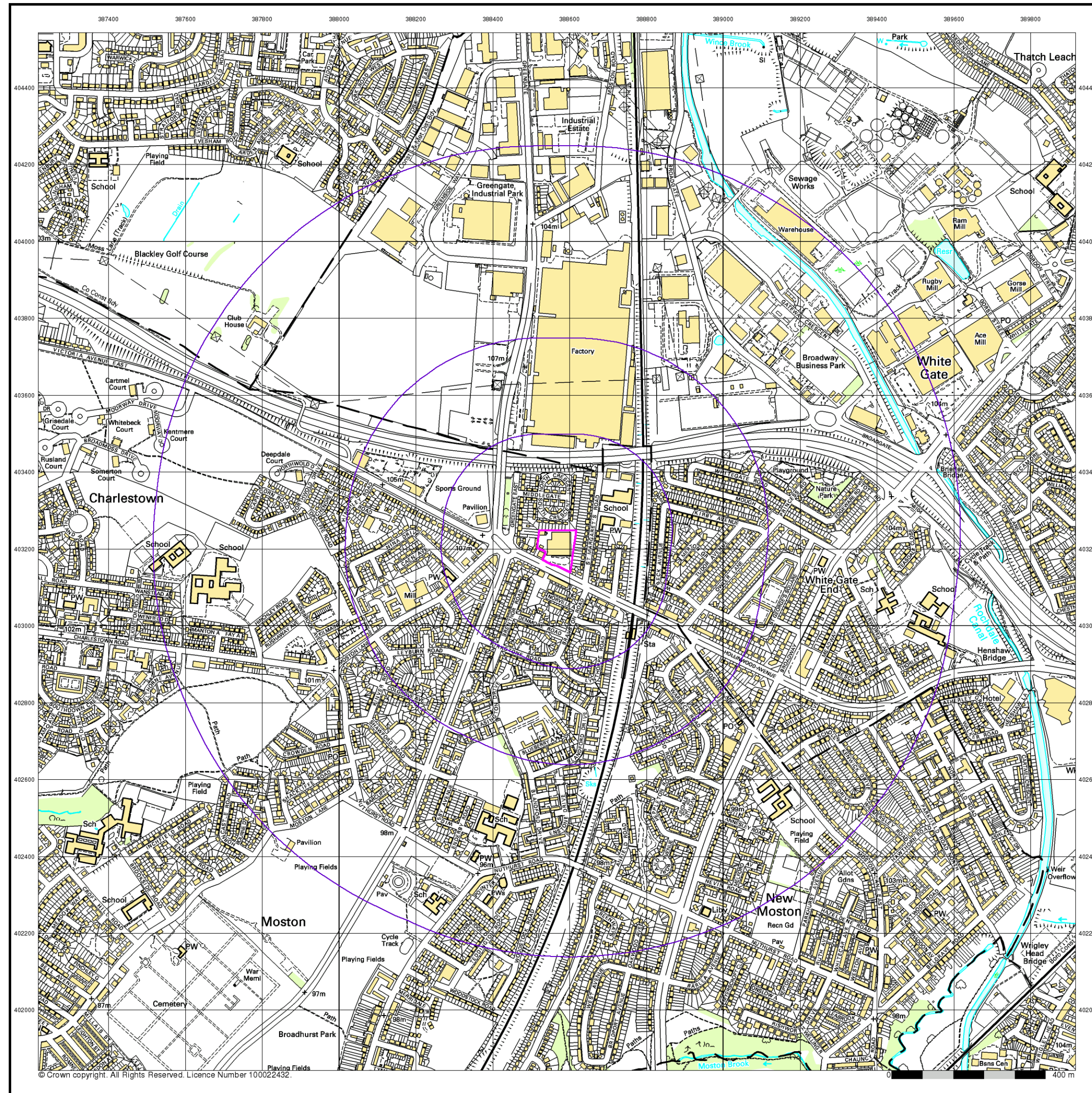


Historical Map - Slice A



Order Details	
Order Number:	356020297_1_1
Customer Ref:	24-1990-P
National Grid Reference:	388570, 403200
Slice:	A
Site Area (Ha):	0.81
Search Buffer (m):	1000

Site Details
440 Hollinwood Avenue, Manchester



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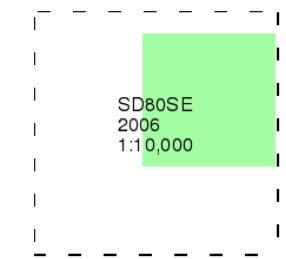
10k Raster Mapping

Published 2006

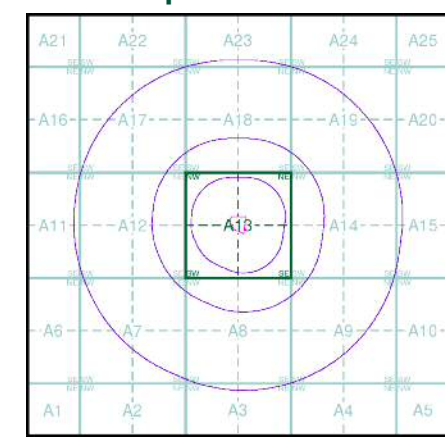
Source map scale - 1:10,000

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)



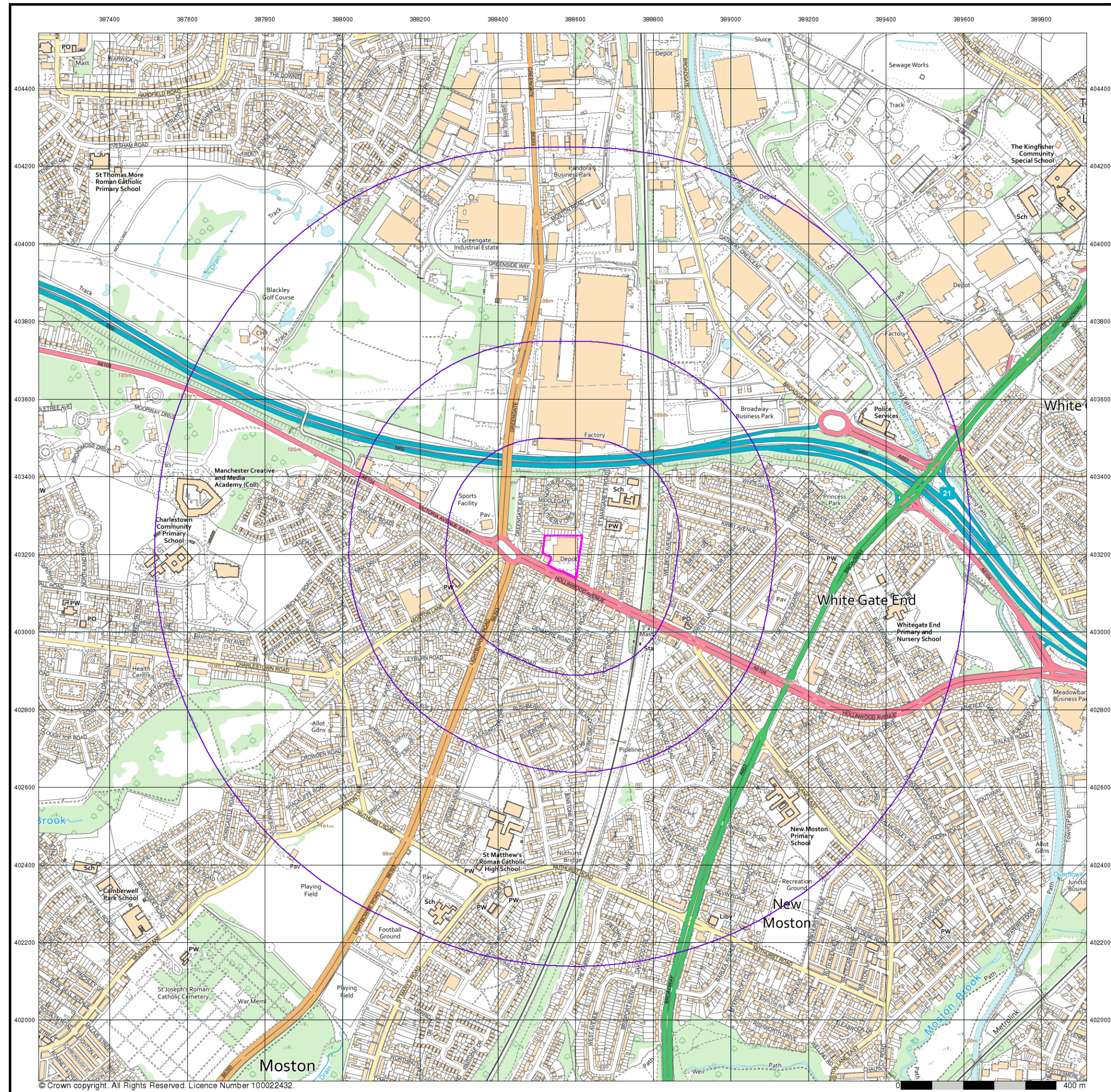
Historical Map - Slice A



Order Details	
Order Number:	356020297_1_1
Customer Ref:	24-1990-P
National Grid Reference:	388570, 403200
Slice:	A
Site Area (Ha):	0.81
Search Buffer (m):	1000

Site Details
440 Hollinwood Avenue, Manchester

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





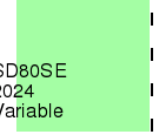
VectorMap Local

Published 2024

Source map scale - 1:10,000

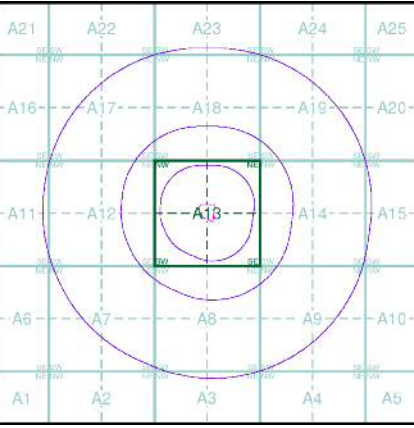
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



SD80SE
2024
Variable

Historical Map - Slice A



Order Details

Order Number:	356020297_1_1
Customer Ref:	24-1990-P
National Grid Reference:	388570, 403200
Slice:	A
Site Area (Ha):	0.81
Search Buffer (m):	1000

Site Details

440 Hollinwood Avenue, Manchester

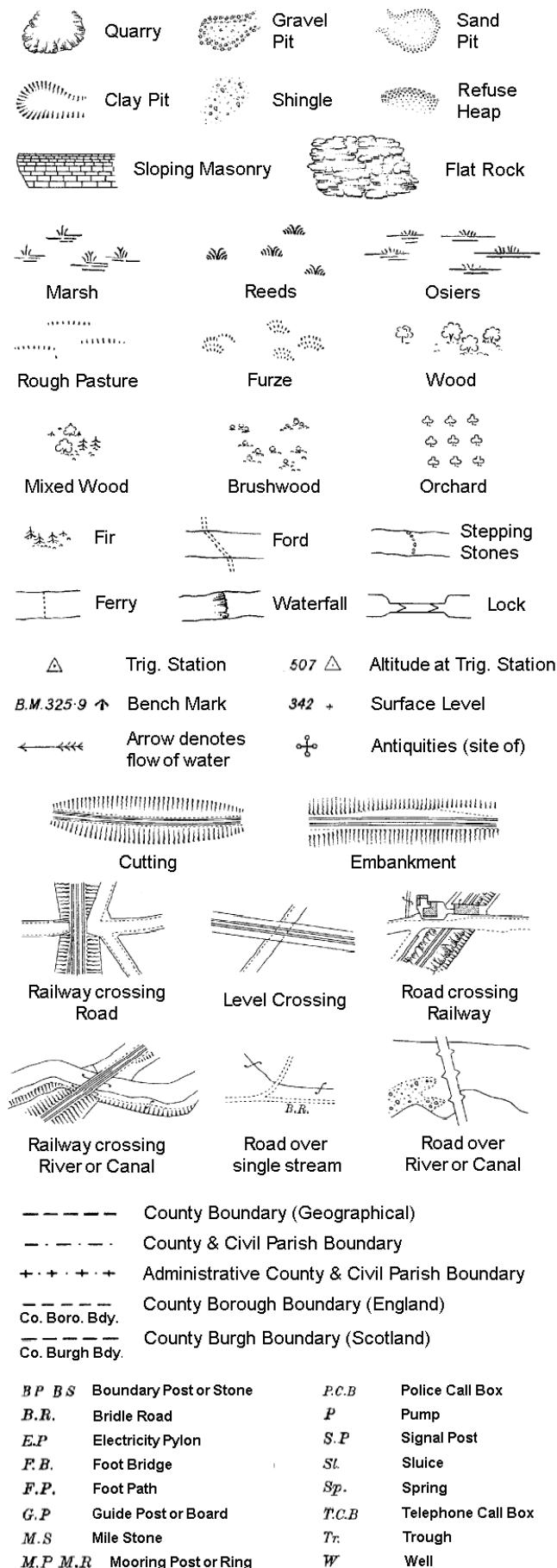


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

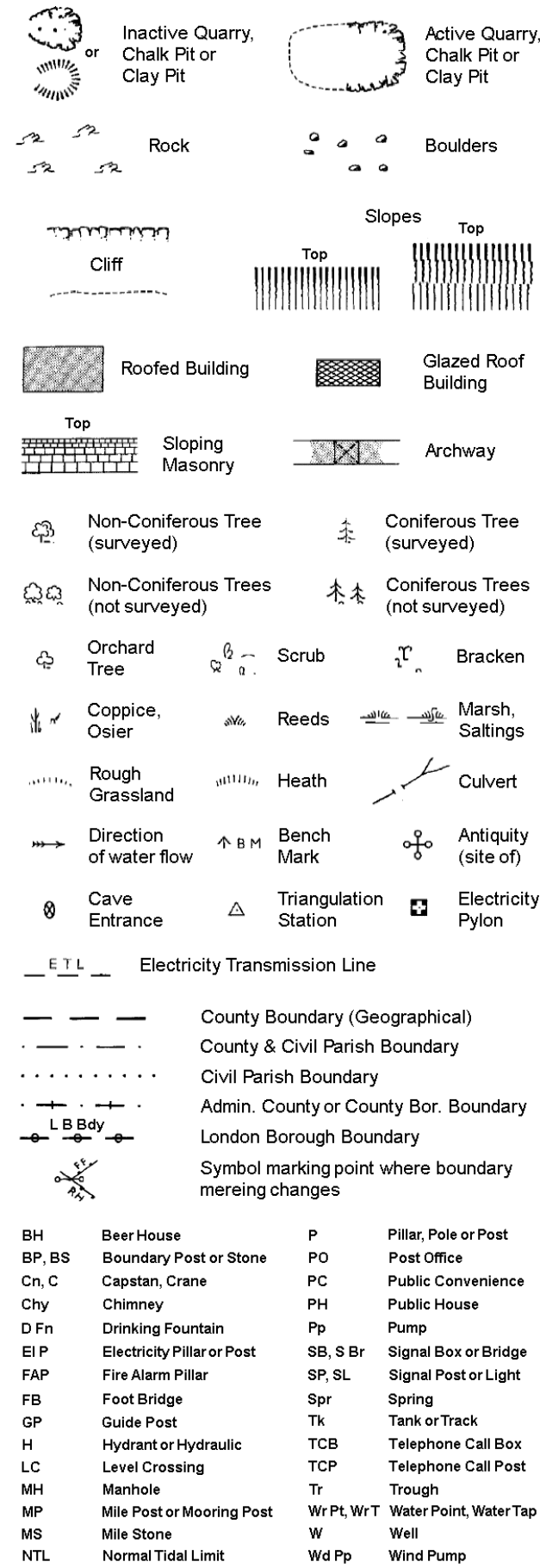
A Landmark Information Group Service v50.0 19-Aug-2024 Page 19 of 19

Historical Mapping Legends

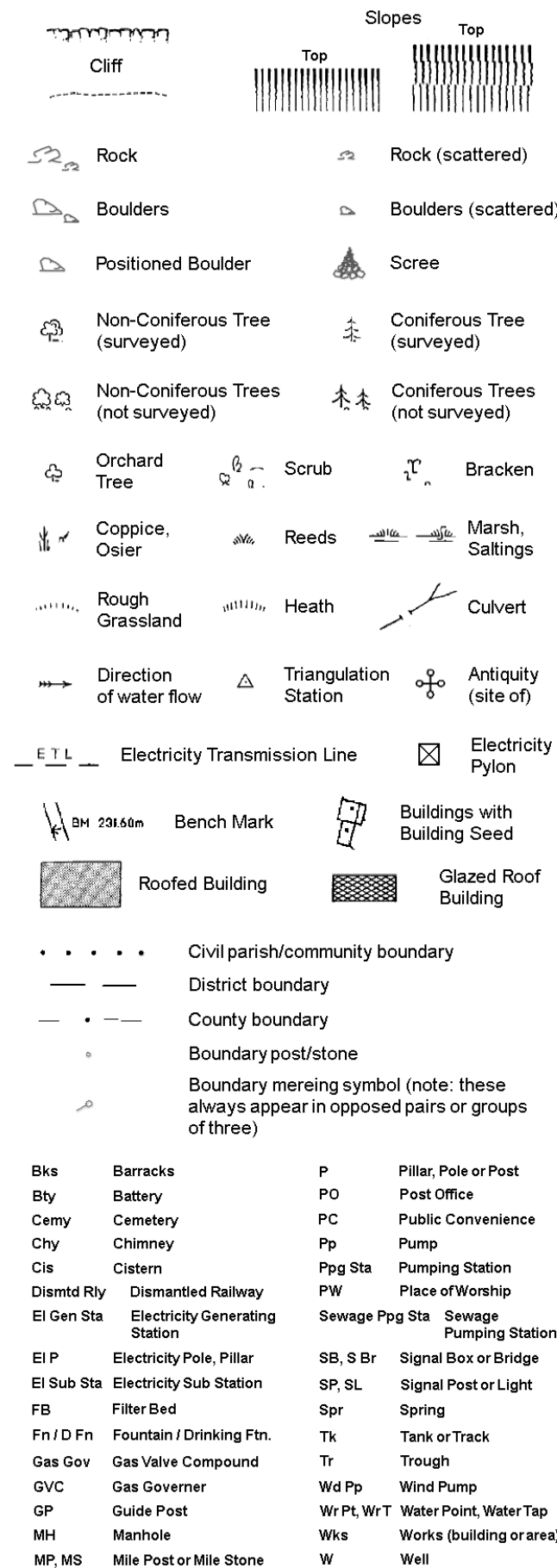
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



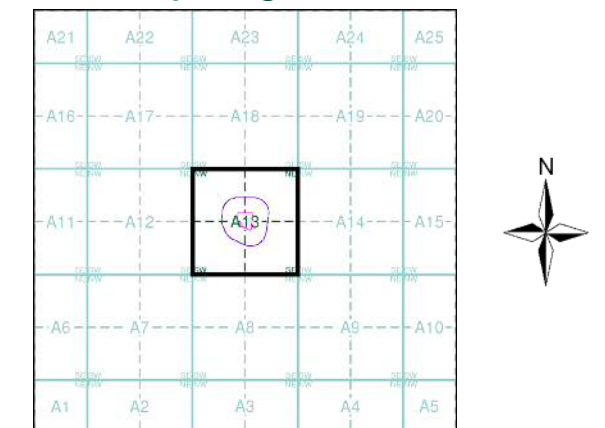
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1909	3
Lancashire And Furness	1:2,500	1932 - 1933	4
Ordnance Survey Plan	1:1,250	1951 - 1952	5
Ordnance Survey Plan	1:2,500	1952	6
Ordnance Survey Plan	1:1,250	1957 - 1970	7
Ordnance Survey Plan	1:2,500	1970	8
Supply of Unpublished Survey Information	1:1,250	1975	9
Ordnance Survey Plan	1:1,250	1976	10
Additional SIMs	1:1,250	1980 - 1986	11
Additional SIMs	1:1,250	1990	12
Large-Scale National Grid Data	1:1,250	1992	13
Large-Scale National Grid Data	1:1,250	1993	14
Large-Scale National Grid Data	1:1,250	1996	15
Historical Aerial Photography	1:2,500	2000	16

Historical Map - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester

Lancashire And Furness

Published 1893

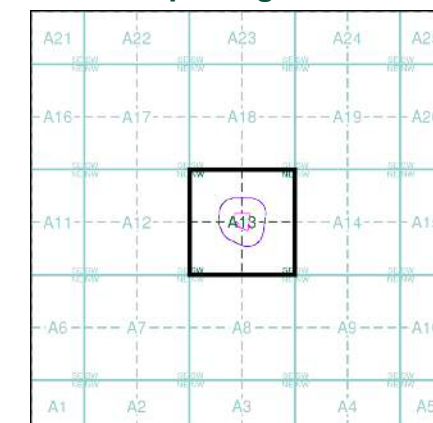
Source map scale - 1:2,500

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)

096_12	1893	1:2,500
096_16	1893	1:2,500

Historical Map - Segment A13

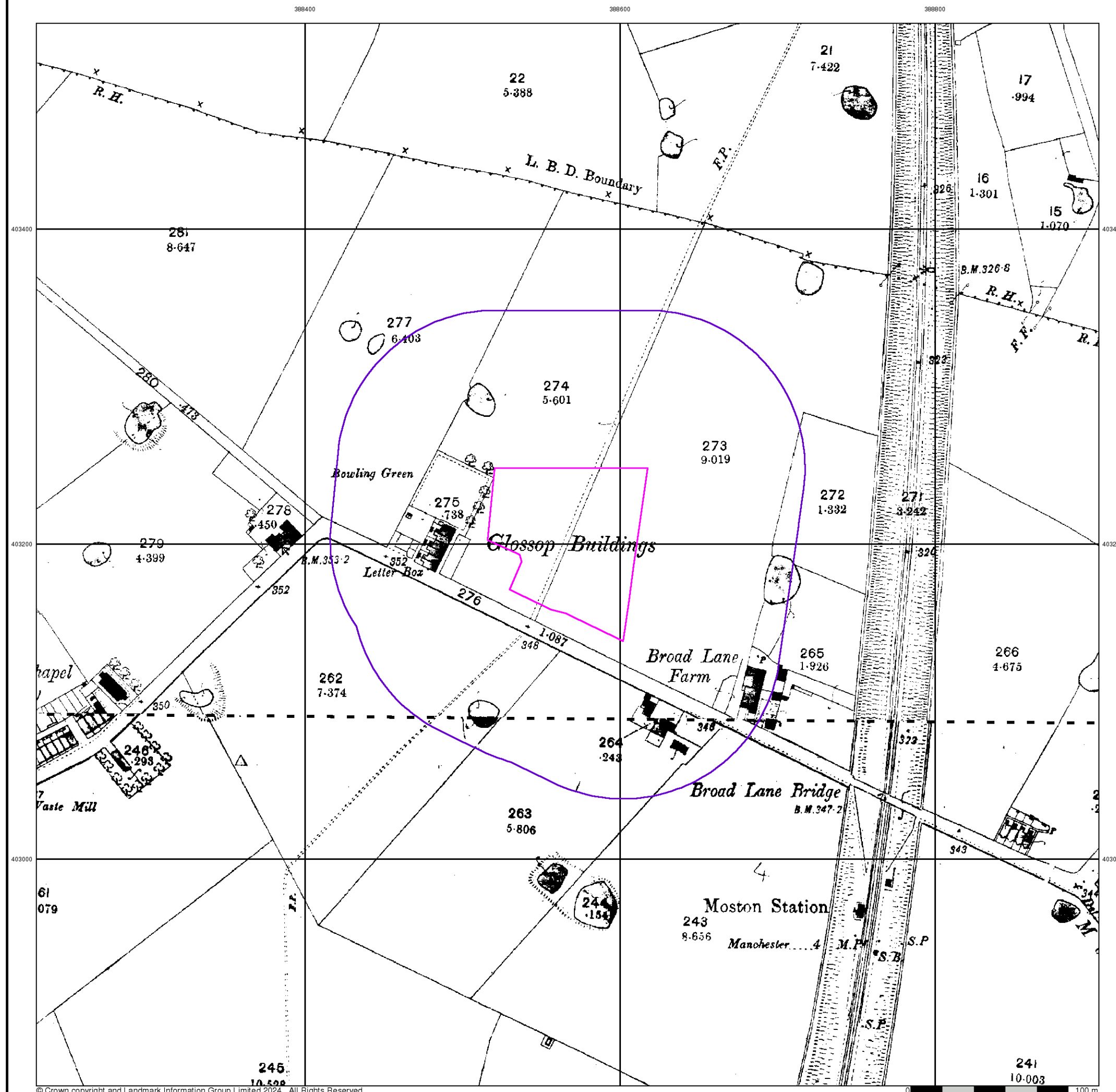


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



Lancashire And Furness

Published 1909

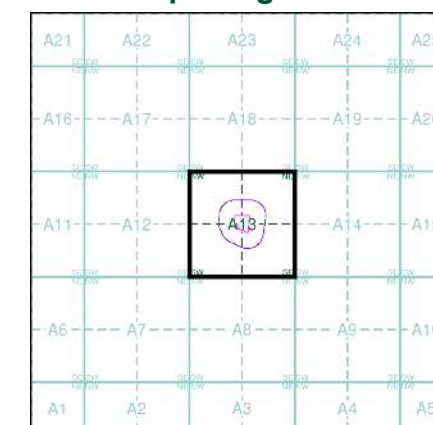
Source map scale - 1:2,500

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)

096_12	1909	1:2,500
096_16	1909	1:2,500

Historical Map - Segment A13

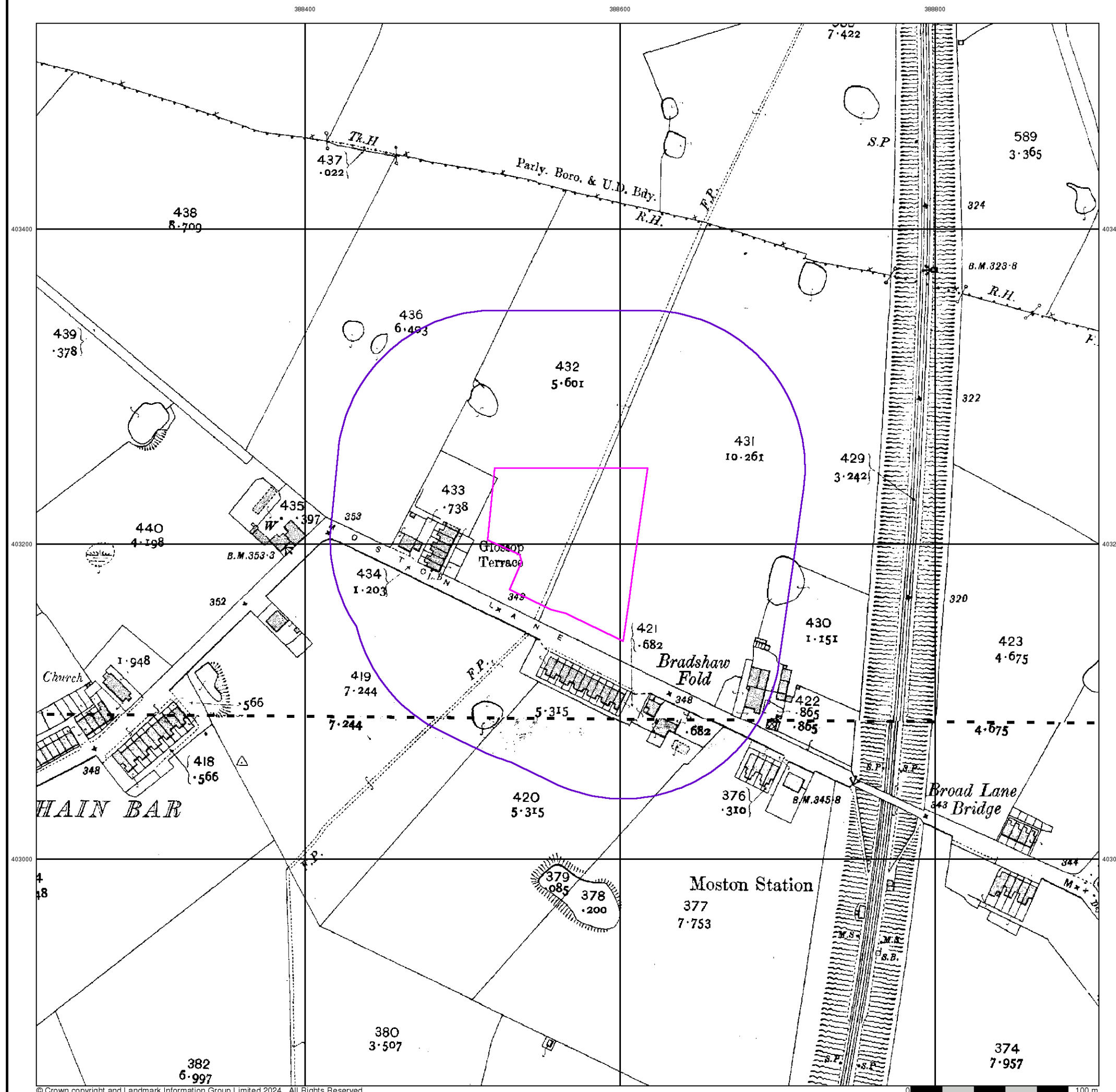


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



Lancashire And Furness

Published 1932 - 1933

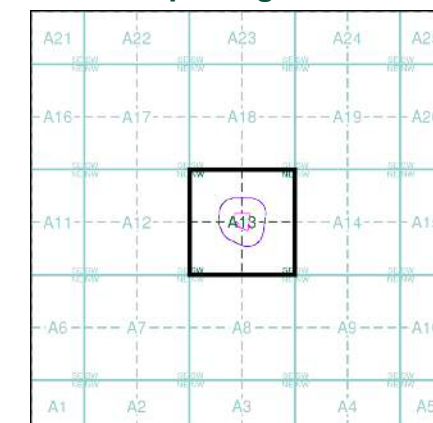
Source map scale - 1:2,500

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)

096_12	1932	1:2,500
096_16	1933	1:2,500

Historical Map - Segment A13

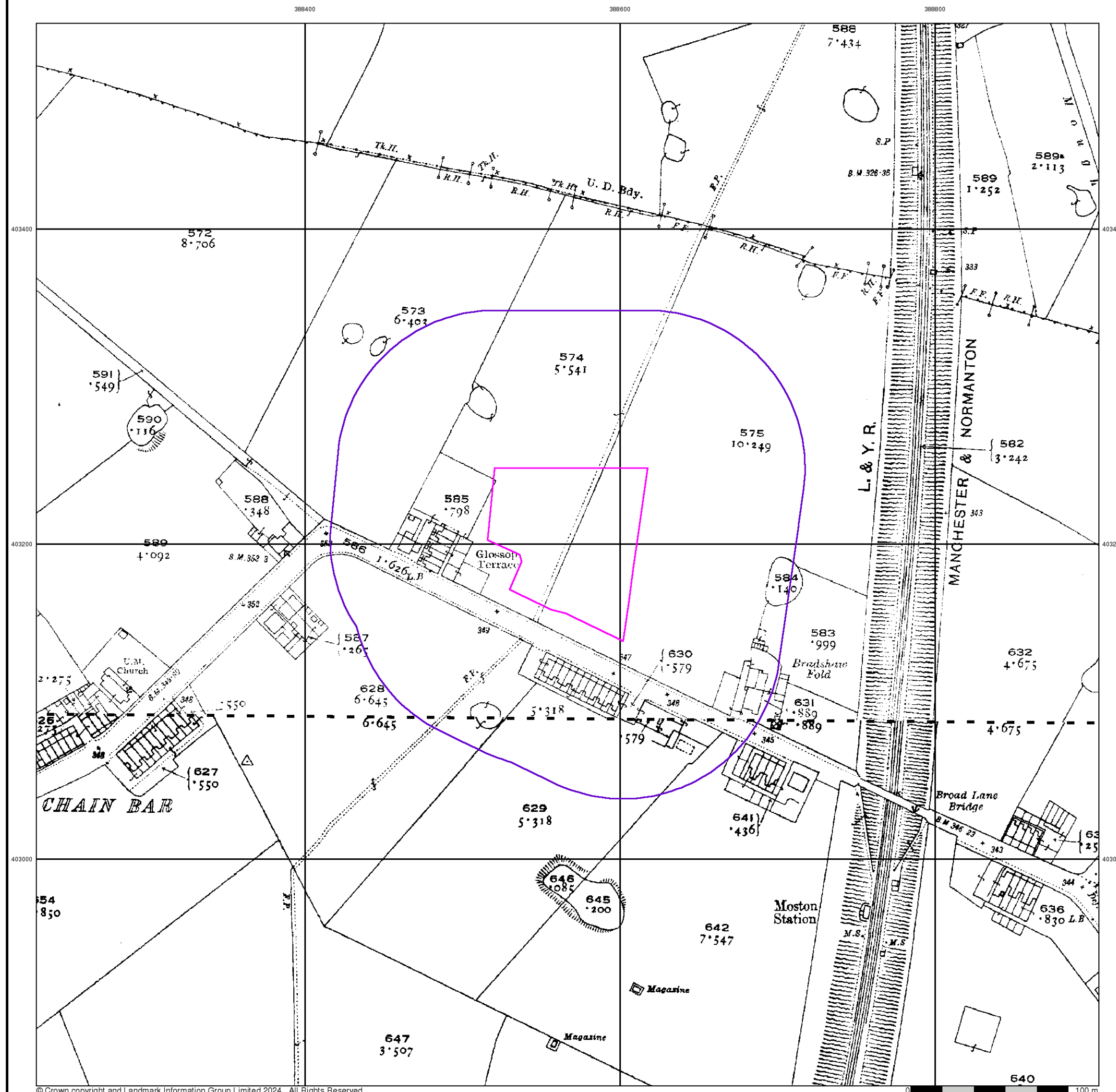


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



Ordnance Survey Plan

Published 1951 - 1952

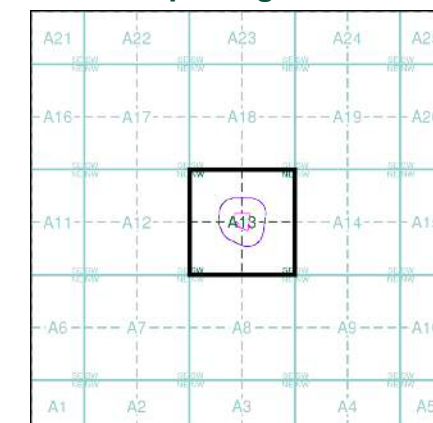
Source map scale - 1:1,250

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)

JD8803NVSD8803NE	952	1952
1:1,250	1:1,250	
JD8803SVSD8803SE	952	1952
1:1,250	1:1,250	
JD8802NVSD8802NE	951	1951
1:1,250	1:1,250	

Historical Map - Segment A13

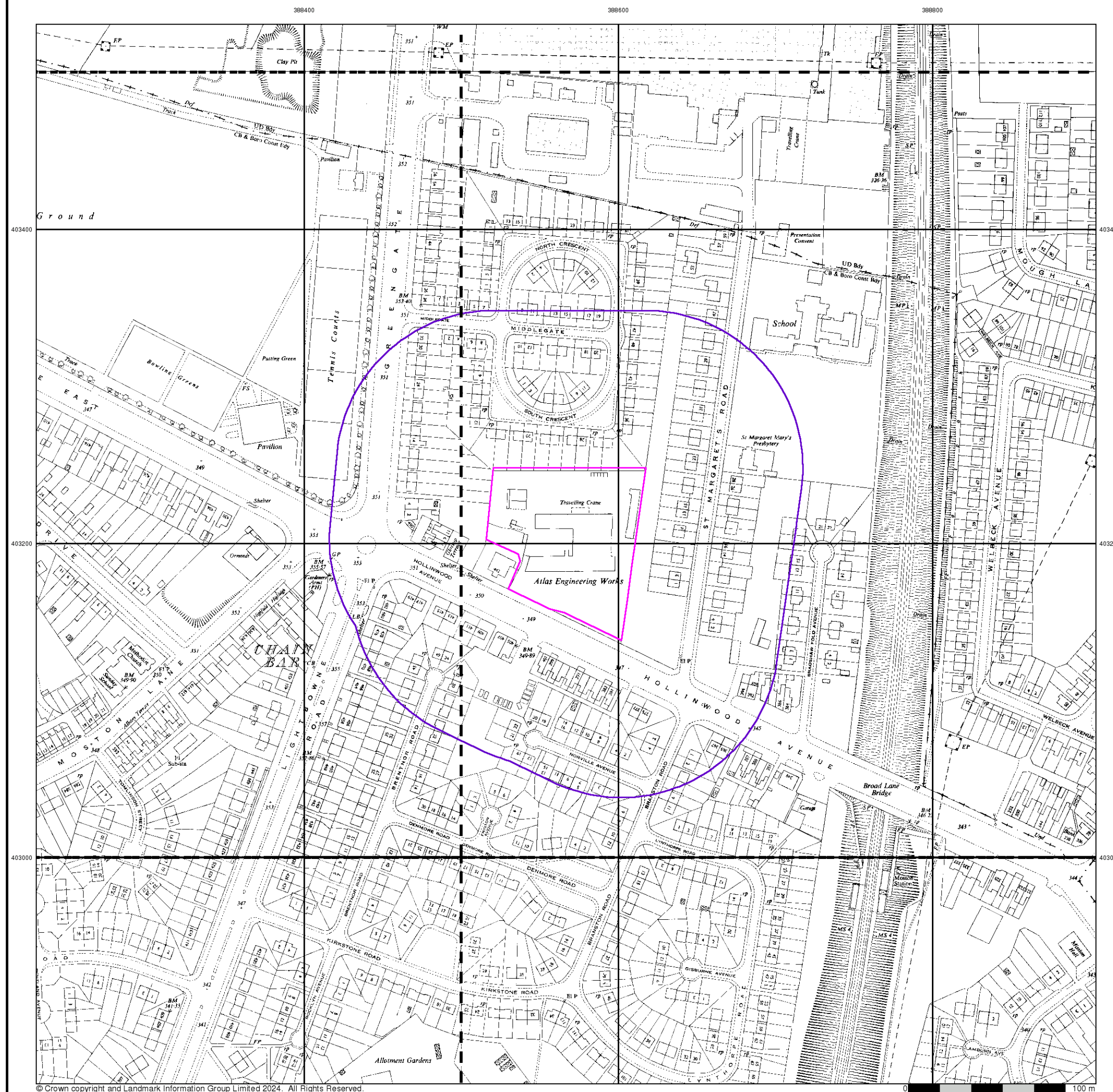


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 100

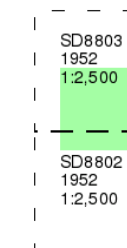
Site Details

440 Hollinwood Avenue, Manchester

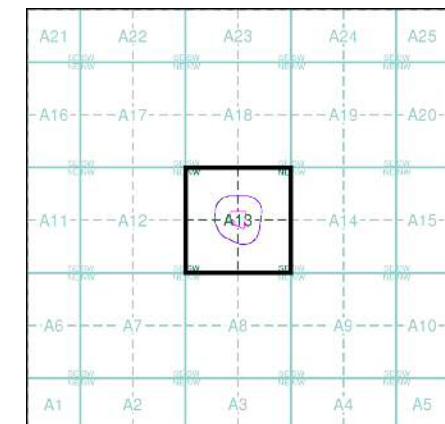




Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester

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INFORMATION GROUP

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Ordnance Survey Plan

Published 1957 - 1970

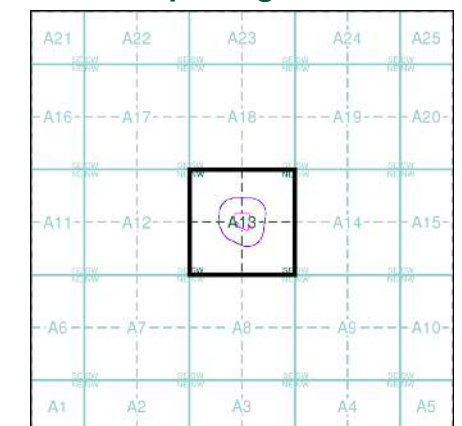
Source map scale - 1:1,250

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)

D8803NVD8803NE	
967	1966
1:1,250	1:1,250
D8803SWD8803SE	
958	1957
1:1,250	1:1,250
D8802NVD8802NE	
970	1967
1:1,250	1:1,250

Historical Map - Segment A13

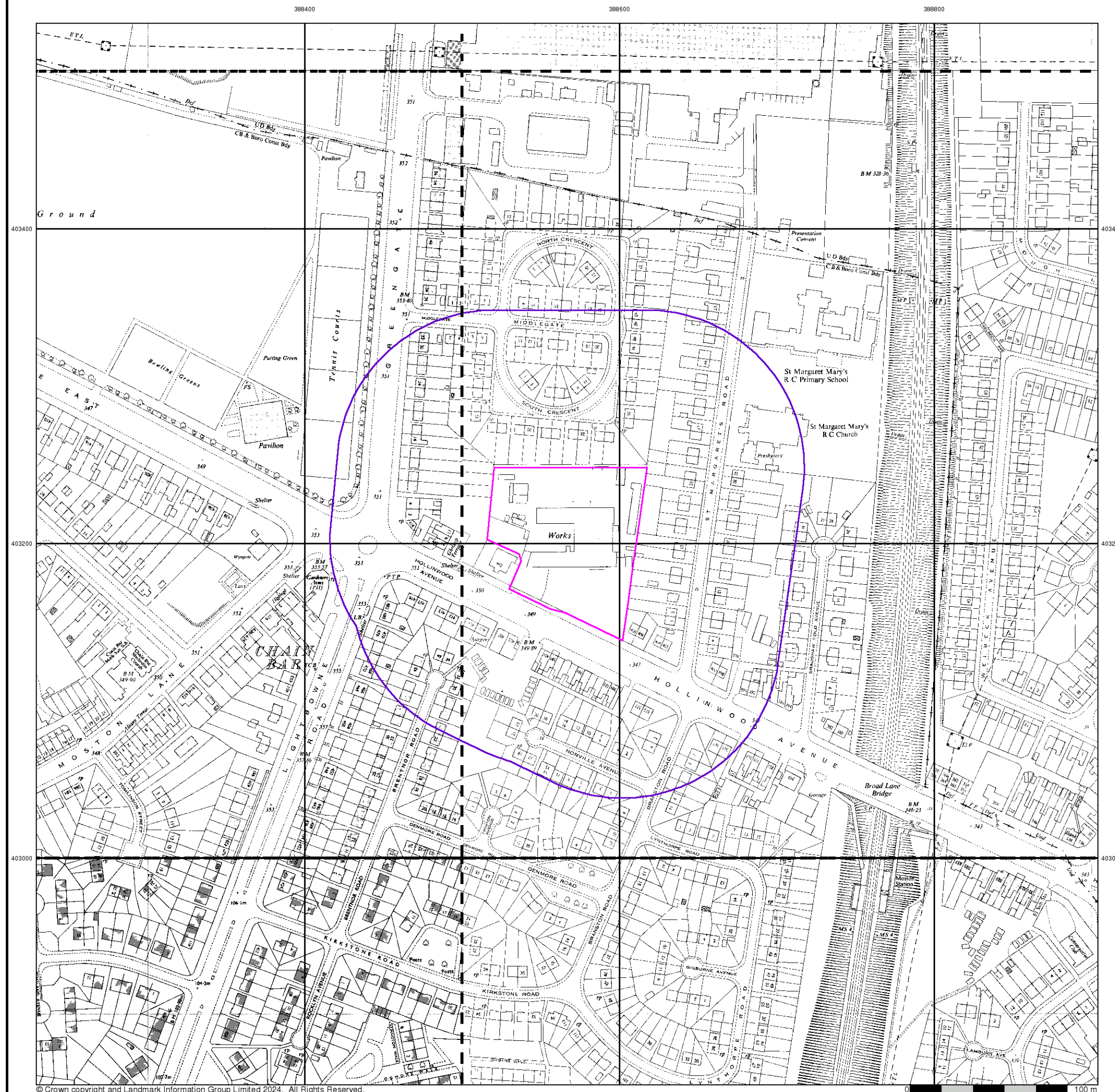


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



Ordnance Survey Plan

Published 1970

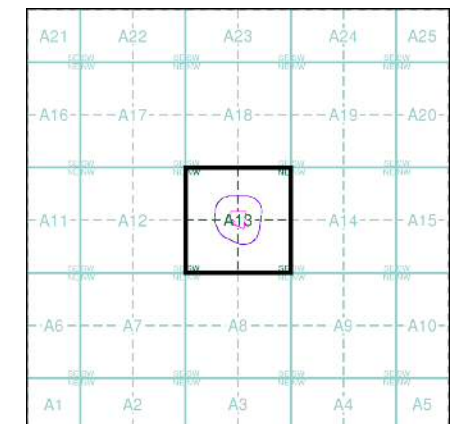
Source map scale - 1:2,500

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)

SD8803
1970
1:2,500
SD8802
1970
1:2,500

Historical Map - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester

Supply of Unpublished Survey Information

Published 1975

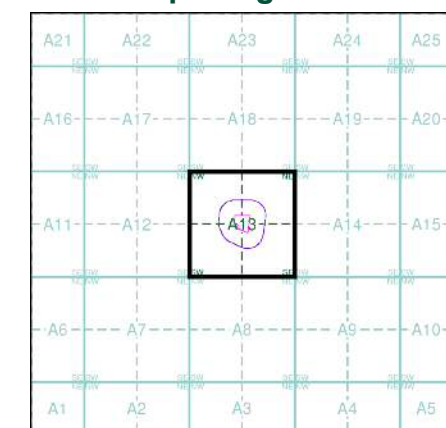
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

ID8803NW	ID8803NE
975	975
1:1,250	1:1,250
ID8803SW	ID8803SE
975	975
1:1,250	1:1,250
ID8802NW	
975	
1:1,250	

Historical Map - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester

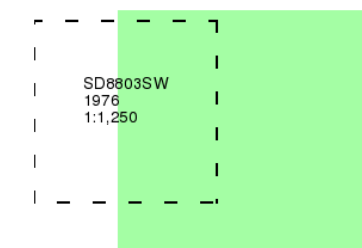
Ordnance Survey Plan

Published 1976

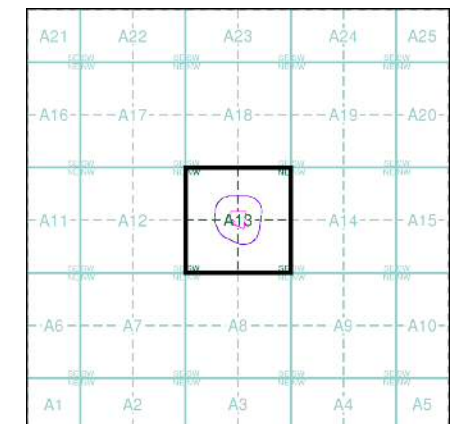
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester

Additional SIMs

Published 1980 - 1986

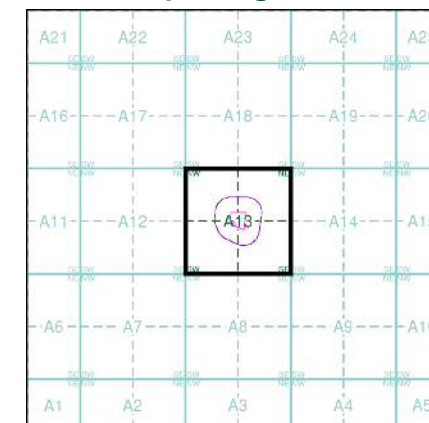
Source map scale - 1:1,250

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)

SD8803NW	
1985	
1:1,250	
SD8803SW	SD8803SE
1980	1986
1:1,250	1:1,250

Historical Map - Segment A13

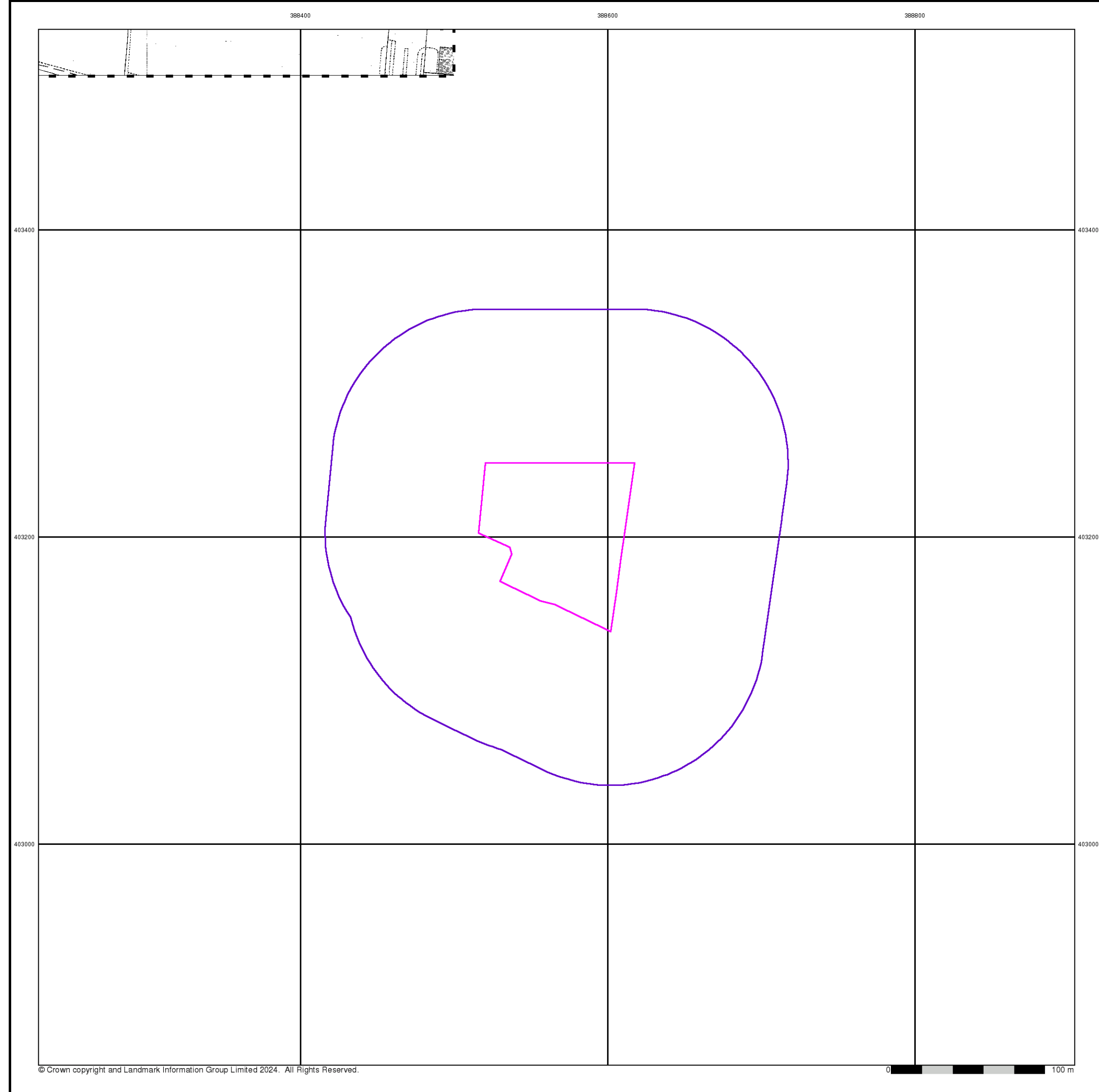


Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



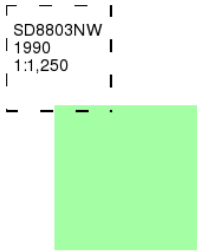
Additional SIMs

Published 1990

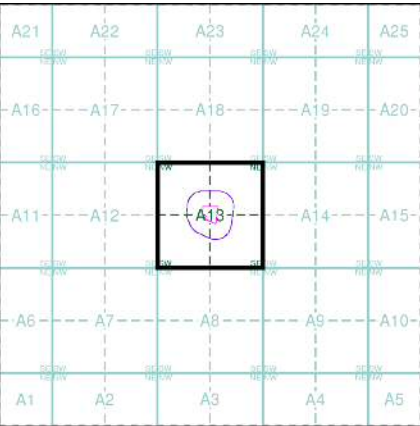
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



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Fax: 0844 844 9951
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Large-Scale National Grid Data

Published 1992

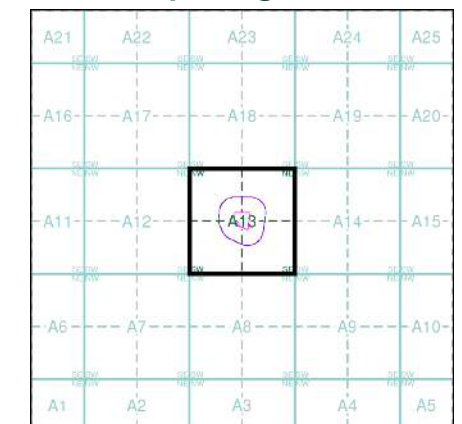
Source map scale - 1:1,250

'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)

ID8803NV	ID8803NE
992	992
1:1,250	1:1,250
ID8803SV	ID8803SE
992	992
1:1,250	1:1,250
ID8802NV	ID8802NE
992	992
1:1,250	1:1,250

Historical Map - Segment A13

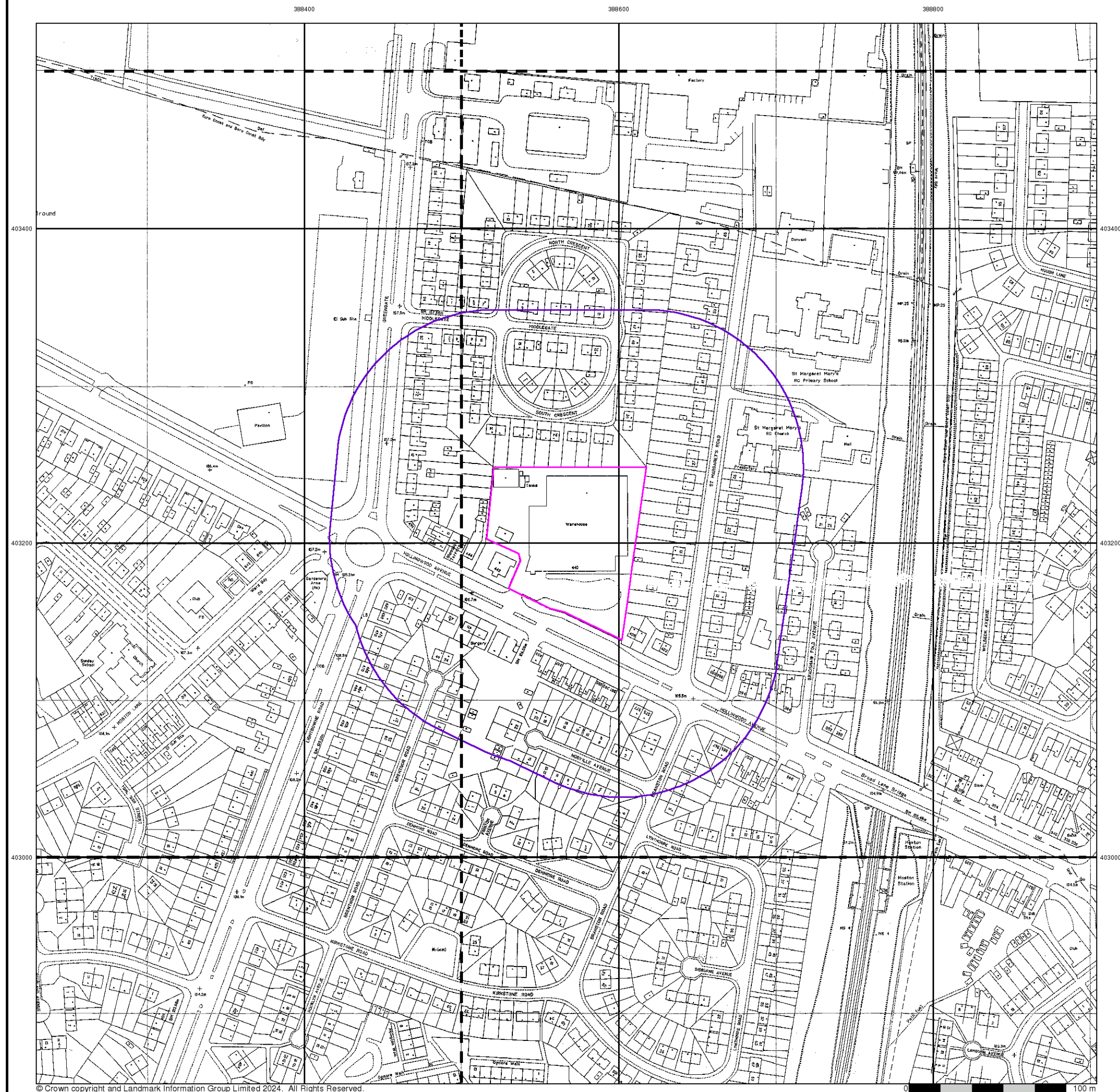


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



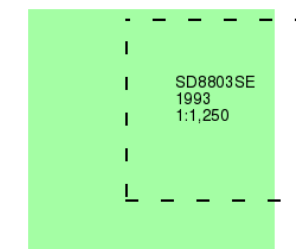
Large-Scale National Grid Data

Published 1993

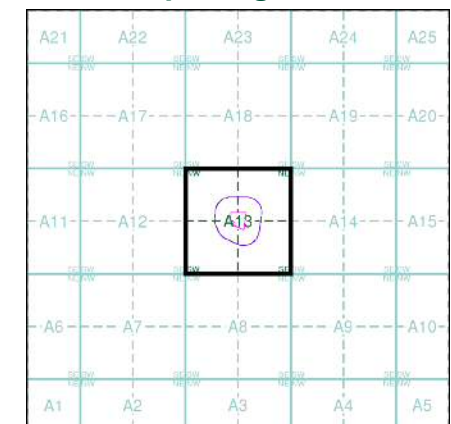
Source map scale - 1:1,250

'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

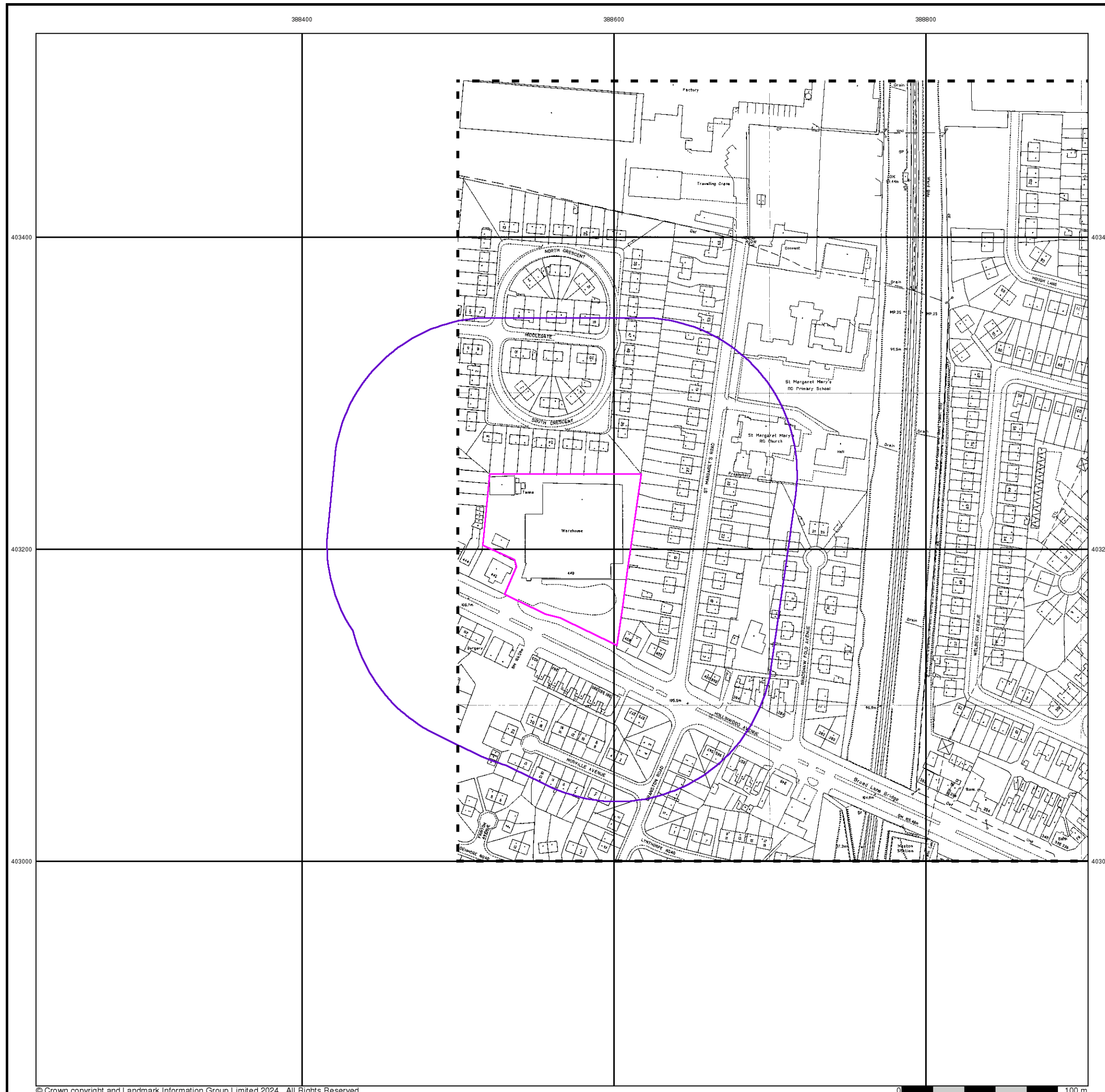


Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



Large-Scale National Grid Data

Published 1996

Source map scale - 1:1,250

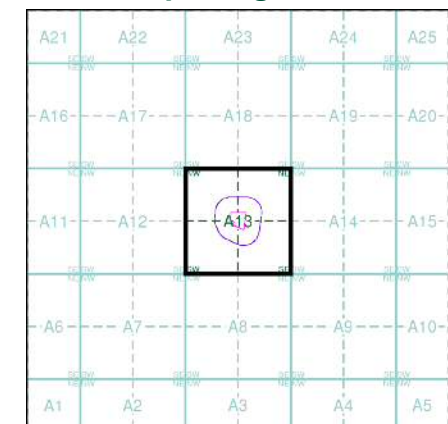
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SD8803NE
1996
1:1,250



Historical Map - Segment A13

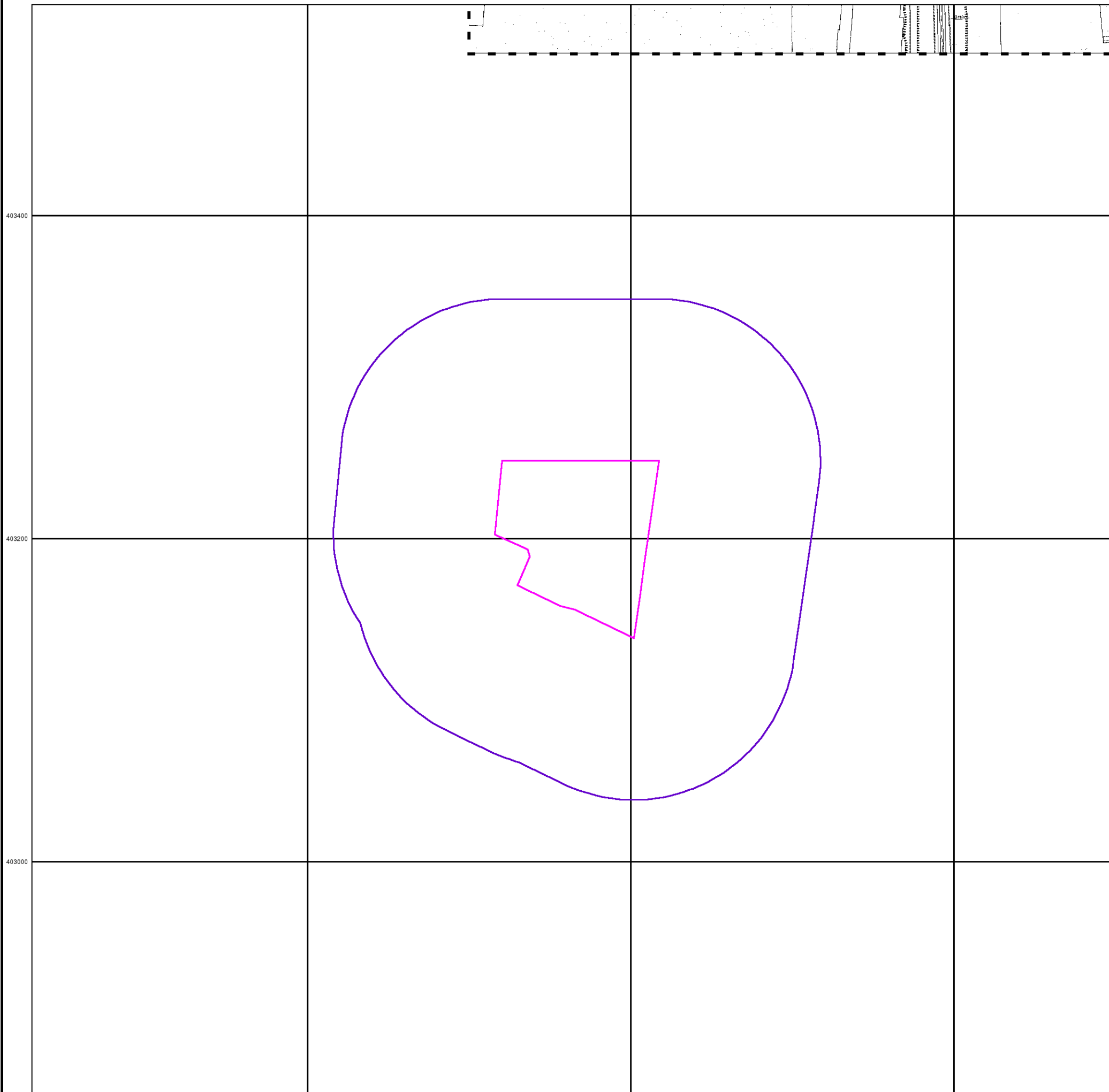


Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester

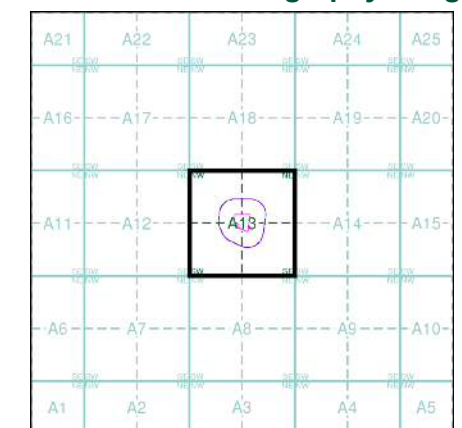


Historical Aerial Photography

Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester

Appendix C

Environmental Database Report



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

356020297_1_1

Customer Reference:

24-1990-P

National Grid Reference:

388570, 403200

Slice:

A

Site Area (Ha):

0.81

Search Buffer (m):

1000

Site Details:

440 Hollinwood Avenue
Manchester

Client Details:

Mr S Dempsey
Obsidian Geo-Consulting Ltd
65 Cheswood Drive
Sutton Coldfield
B76 1XU

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	9
Hazardous Substances	22
Geological	23
Industrial Land Use	27
Sensitive Land Use	44
Data Currency	45
Data Suppliers	52
Useful Contacts	53

Introduction

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

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Report Version v53.0

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 9				2
Historical Landfill Sites	pg 9			2	4
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 10			1	1
Licensed Waste Management Facilities (Locations)	pg 11				4
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 12			4	3
Potentially Infilled Land (Water)	pg 12		9	27	59
Registered Landfill Sites	pg 17				4
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 21				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 22				2
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 22				4
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 23	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 23	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 25				2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 26	Yes	n/a	n/a	n/a
Mining Instability	pg 26	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 26	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 26		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 26	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 26	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 26	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
Industrial Land Use					
Contemporary Trade Directory Entries	pg 27		3	19	83
Fuel Station Entries	pg 36		1		
Points of Interest - Commercial Services	pg 36	4		7	18
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 38	4	1	5	15
Points of Interest - Public Infrastructure	pg 41		2		5
Points of Interest - Recreational and Environmental	pg 41				6
Gas Pipelines					
Underground Electrical Cables	pg 42			12	3

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
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	pg 44	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 44				1
Special Areas of Conservation	pg 44				1
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (SE)	0	1	388571 403203
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	21	1	388500 403250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	37	1	388500 403150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	120	1	388400 403250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	122	1	388500 403050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	252	1	388600 403500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	258	1	388700 402900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	367	1	388150 403200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	420	1	388100 403150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	441	1	389000 402950
1	Integrated Pollution Prevention And Control Name: Chadderton Generation Limited Location: Broadgate (Land At Whitegate End, Adjacent To Chadderton Grid Station) - Epr/Ap3109pv, Broadgate (Land At Whitegate End, Adjacent To Chadderton Grid Station), Broadgate (Land At Whitegate End, Adjacent To Chadderton Grid Station) - Epr/Ap3109pv, Chadderton,, Environment Agency, North West Region Authority: Environment Agency, North West Region Permit Reference: AP3109PV Original Permit Ref: Ap3109pv Effective Date: 24th January 2020 Status: Effective Application Type: New App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 25A (a) Activity Description: New Medium Combustion Plant Before 20Th December 2018 - 25A(A) & 12(1A)(A) Primary Activity: Y Activity Code: 25B (3)(1)(a) Activity Description: Tranche B SG permitting date 1st January 2019 Primary Activity: N	A18NE (N)	932	2	388839 404153
2	Integrated Pollution Prevention And Control Name: Conrad (Middleton Junction) Limited Location: Middleton Junction Epr/Lp3308lb, Greengate, Middleton Junction Epr/Lp3308lb, Pandora Business Park, Middleton,, Manchester, M24 1RU Authority: Environment Agency, North West Region Permit Reference: LP3308LB Original Permit Ref: Lp3308lb Effective Date: 14th September 2022 Status: Effective Application Type: New App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 100m Activity Code: 25A (a) Activity Description: New Medium Combustion Plant Before 20Th December 2018 - 25A(A) & 12(1A)(A) Primary Activity: Y	A18NE (N)	953	2	388660 404200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Local Authority Pollution Prevention and Controls Name: Bae Systems Location: Chadderton Works, Greengate, Middleton, MANCHESTER, Lancashire, M24 1SA Authority: Oldham Metropolitan Borough Council, Environmental Health Department Permit Reference: 3-031-1 Dated: 25th September 1992 Process Type: Local Authority Air Pollution Control Description: PG6/40 Coating and recoating of aircraft and aircraft components Status: Authorised Positional Accuracy: Manually positioned to the address or location	A18SE (N)	348	3	388615 403596
4	Local Authority Pollution Prevention and Controls Name: Pullman Fleet Services Ltd Location: Broadgate, Broadway Business Park, Chadderton, OLDHAM, OL9 9XA Authority: Oldham Metropolitan Borough Council, Environmental Health Department Permit Reference: 4-032 Dated: 13th August 2004 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	742	3	388933 403919
5	Local Authority Pollution Prevention and Controls Name: F&G Commercials Location: Broadgate, Chadderton, OLDHAM, OL9 9NL Authority: Oldham Metropolitan Borough Council, Environmental Health Department Permit Reference: 4-031 Dated: 12th May 2004 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	811	3	389136 403871
6	Local Authority Pollution Prevention and Controls Name: Hatton Service Station Location: Greengate, MIDDLETON, Lancashire, M24 1RU Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 72/12 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	820	4	388501 404068
7	Local Authority Pollution Prevention and Controls Name: Pentagon Vauxhall Centre Location: Green Side Way, Greengate, Middleton, MANCHESTER, Lancashire, M24 1SW Authority: Oldham Metropolitan Borough Council, Environmental Health Department Permit Reference: 3-035-1 Dated: 10th August 1998 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	898	3	388266 404109
	Nearest Surface Water Feature	A13NE (E)	154	-	388770 403266
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Combined System; None Pollution Found Incident Date: 1st August 1996 Incident Reference: 96611698 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	552	2	388600 403800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: Wince Brook, MIDDLETON Authority: Environment Agency, North West Region Pollutant: Chemicals - Other Inorganic Note: Milky Colour Incident Date: 2nd January 1998 Incident Reference: SO980019 Catchment Area: Irk Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	663	2	388400 403900
10	Pollution Incidents to Controlled Waters Property Type: Tip Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Tip Leachate Note: Not Supplied Incident Date: 28th February 1995 Incident Reference: 95610417 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	803	2	389200 403800
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Smell Incident Date: 30th August 1995 Incident Reference: 95612213 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	844	2	389000 404000
12	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Storm Sewage Note: Moston Brook Incident Date: 19th January 1995 Incident Reference: 95610086 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: High Flow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	937	2	387700 403700
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: CHADDERTON Authority: Environment Agency, North West Region Pollutant: Oils - Gas Oil Note: Rochdale Canal; Red Diesel Incident Date: 7th April 1997 Incident Reference: 97610563 Catchment Area: Irk Receiving Water: Canal Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	949	2	389500 403595
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Rochdale Canal; Oil Incident Date: 16th June 1996 Incident Reference: 96611307 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	A19SE (NE)	951	2	389500 403600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Pollution Incidents to Controlled Waters Property Type: Demolition Location: River Rochdale Canal, Broadway, Chadderton, OLDHAM Authority: Environment Agency, North West Region Pollutant: Oils - Black Fuel Oil Note: Not Supplied Incident Date: 23rd January 1998 Incident Reference: SO980167 Catchment Area: Rochdale Canal Receiving Water: Canal Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	953	2	389505 403595
14	Pollution Incidents to Controlled Waters Property Type: Construction Location: CHADDERTON Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Rochdale Canal; Silt Soil Incident Date: 28th February 1997 Incident Reference: 97610348 Catchment Area: Irk Receiving Water: Canal Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	979	2	389100 404100
	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	A19SE (NE)	836	2	389257 403786
15	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 15th September 2022 Incident Reference: 2099820 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: Organic Chemicals/Products: Other Organic Chemical Or Product	A18SW (N)	636	2	388367 403865
16	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 21st July 2008 Incident Reference: 606370 Water Impact: Category 1 - Major 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	A19SE (NE)	885	2	389378 403699
17	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 14th April 2023 Incident Reference: 2143287 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: Oils - Unknown	A14NE (E)	932	2	389517 403491

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Water Abstractions Operator: Pifco Ltd Licence Number: 2569005024 Permit Version: Not Supplied Location: Borehole, Moston Mill, Moston, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Boiler Feed Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 27 Yearly Rate (m3): 9928 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	A8NW (S)	354	2	388500 402800
	Water Abstractions Operator: Doubletex Ltd Licence Number: 2569005049 Permit Version: Not Supplied Location: Rochdale Canal At Junction Mill, Middleton Junction Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 91 Yearly Rate (m3): 22730 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1776	2	388901 405001
	Water Abstractions Operator: Courtaulds Ltd Licence Number: 2569005027 Permit Version: Not Supplied Location: Reservoir Fed By Surface Drainage, Holinwood, OLDHAM, Lancashire Authority: Environment Agency, North West Region Abstraction: Boiler Feed Abstraction Type: Not Supplied Source: River Daily Rate (m3): 23 Yearly Rate (m3): 4964 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	(E)	1800	2	390400 403000
19	Water Industry Act Referrals Name: Bae Systems (Chadderton) Location: BAE SYSTEMS (CHADDERTON), BAE SYSTEMS (CHADDERTON), GREENGATE, MIDDLETON, MANCHESTER, MANCHESTER, M24 1SA Authority: Environment Agency, North West Region Permit Reference: By2081 Dated: 3rd August 2004 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 cancelled Positional Accuracy: Automatically positioned to the address	A18SE (N)	616	2	388646 403863
19	Water Industry Act Referrals Name: Bae Systems (Investments) Ltd Location: BAE SYSTEMS (CHADDERTON), GREENGATE, MIDDLETON, MANCHESTER, M24 1SA Authority: Environment Agency, North West Region Permit Reference: Bj4574 Dated: 8th September 2000 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	A18SE (N)	616	2	388646 403863

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Water Industry Act Referrals Name: Biffa Waste Services Ltd Location: BIFFA WASTE SERVICES LTD, CHADDERTON LANDFILL SITE, GREENSIDE WAY, CHADDERTON IND EST, MIDDLETON, MANCHESTER, M24 1SW Authority: Environment Agency, North West Region Permit Reference: Bm2268 Dated: 26th September 2001 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: Manually positioned to the address or location	A17SE (NW)	680	2	388180 403836
20	Water Industry Act Referrals Name: Uk Waste Management Ltd Location: UK WASTE MANAGEMENT LTD, CHADDERTON LANDFILL SITE, GREENSIDE WAY, CHADDERTON IND EST, MIDDLETON, MANCHESTER, M24 1SW Authority: Environment Agency, North West Region Permit Reference: AG4840 Dated: 16th September 1992 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 cancelled Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	680	2	388180 403836
21	Water Industry Act Referrals Name: Brimar Ltd Location: BRIMAR LTD, GREENSIDE WAY, GREENSIDE WAY, MIDDLETON, MANCHESTER, M24 1SN Authority: Environment Agency, North West Region Permit Reference: Bj3276 Dated: 21st August 2000 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: Manually positioned to the road within the address or location	A18NW (N)	766	2	388258 403967
22	Water Industry Act Referrals Name: United Utilities Plc Location: UNITED UTILITIES PLC, GREENSIDE WAY, MIDDLETON, MANCHESTER, MANCHESTER, M24 1RX Authority: Environment Agency, North West Region Permit Reference: AB8333 Dated: 18th December 1991 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 cancelled Positional Accuracy: Manually positioned to the road within the address or location	A23SW (N)	983	2	388334 404213
	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	A13NE (SE)	0	5	388571 403203
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (SE)	0	5	388571 403203
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (SE)	0	5	388571 403203
	Extreme Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (E)	154	6	388770 403266
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (E)	179	6	388794 403274
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (E)	181	6	388787 403153
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	199	6	388775 403369
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	295	6	388778 403496
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	328	6	388798 403522
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	329	6	388800 403522
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	510	6	388667 402633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	540	6	388657 402601
32	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 2062.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A19SE (NE)	882	6	389408 403639

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	BGS Recorded Landfill Sites Site Name: Shackliffe Green Tip Location: Blackley, MANCHESTER, Gt Manchester 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	A12SW (SW)	772	-	387818 402872
34	BGS Recorded Landfill Sites Site Name: Concil Tip Location: Brecken St, CHADDERTON, 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	A18NE (N)	838	-	388782 404070
35	Historical Landfill Sites Licence Holder: George Wimpey and Company Limited Location: Off Greenside Way, Chadderton, Oldham, Greater Manchester Name: Chadderton Landfill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD17935 First Input Date: 31st December 1948 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9209 BGS Ref: Not Supplied Other Ref: G011, RD/LIC/107/77, 0570	A13NW (NW)	361	2	388258 403495
36	Historical Landfill Sites Licence Holder: G Wimpey and Company Limited Location: Off Greengate, Chadderton, Oldham, Greater Manchester Name: Greengate Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16273 First Input Date: 31st December 1948 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9209 BGS Ref: Not Supplied Other Ref: RD/LIC/107/77, G011	A17SE (NW)	437	2	388191 403534
37	Historical Landfill Sites Licence Holder: UK Waste Management Limited Location: Greengate, Chadderton, Oldham, Greater Manchester Name: Greengate Industrial Estate Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15599 First Input Date: 31st December 1983 Last Input Date: 31st December 1987 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9196 BGS Ref: Not Supplied Other Ref: WML 0570, RD/LIC/287/83, G032, 4200/9104	A18SW (N)	525	2	388440 403767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Historical Landfill Sites Licence Holder: Not Supplied Location: Charlestown, Manchester, Greater Manchester Name: Land Off Charlestown Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16344 First Input Date: 20th April 1964 Last Input Date: 31st December 1974 Specified Waste: Deposited Waste included Commercial and Household Waste, and Liquid Sludge Type: Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 583 Other Ref: F004	A7NE (SW)	658	2	387955 402853
39	Historical Landfill Sites Licence Holder: Not Supplied Location: Greenside Way, Chadderton, Oldham, Greater Manchester Name: Land off Greenside Way Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16280 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: G384	A18SW (NW)	658	2	388296 403866
40	Historical Landfill Sites Licence Holder: Oldham Metropolitan Borough Council Location: Grimshaw Lane, Chadderton, Oldham, Greater Manchester Name: Land off Grimshaw Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16195 First Input Date: 31st December 1965 Last Input Date: 31st December 1968 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge Type: Special Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9736 BGS Ref: 2537 Other Ref: G053	A18NE (N)	837	2	388778 404069
41	Licensed Waste Management Facilities (Landfill Boundaries) Name: Chadderton Landfill Site Licence Number: 53651 Location: BIFFA WASTE SERVICES LIMITED, Chadderton Landfill Site, Greenside Way, Chadderton, Middleton, Oldham, Lancashire, M24 1SW Licence Holder: Biffa Waste Services Limited Authority: Environment Agency - North West Region, South Area Site Category: Co-disposal Landfill Sites Max Input Rate: Not Supplied Licence Status: Closure Issued: 14th July 1995 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NW (NW)	361	2	388261 403498
42	Licensed Waste Management Facilities (Landfill Boundaries) Name: Oldham Wastewater Treatment Works Landfill Site Licence Number: 53956 Location: UNITED UTILITIES WATER LIMITED, Foxdenton Lane, Chadderton, Oldham, Lancashire, OL9 9QR Licence Holder: United Utilities Water Limited Authority: Environment Agency - North West Region, South Area Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Closure Issued: 28th April 1983 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A19SE (NE)	912	2	389326 403822

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Licensed Waste Management Facilities (Locations) Licence Number: 53651 Location: Chadderton Landfill Site, Greenside Way, Chadderton, Middleton, Oldham, Lancashire, M24 1SW Operator Name: BIFFA WASTE SERVICES LIMITED Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Co-disposal Landfill Sites Licence Status: Closed Issued: 14th July 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	669	2	388083 403754
44	Licensed Waste Management Facilities (Locations) Licence Number: 100041 Location: Chadderton Industrial Estate, Greenside Way, Middleton, Manchester, Greater Manchester, M24 1SN Operator Name: JACQUES PRODUCTS LIMITED Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Physical Treatment Facilities Licence Status: Issued Issued: 10th March 2008 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	670	2	388457 403915
45	Licensed Waste Management Facilities (Locations) Licence Number: 104364 Location: Oldham Broadway Business Park, Gateway Crescent, Chadderton, Oldham, Lancashire, OL9 9XB Operator Name: ELECTRICITY NORTH WEST LIMITED Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Physical Treatment Facilities Licence Status: Issued Issued: 24th October 2012 Last Modified: 24th October 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	823	2	389295 403715
46	Licensed Waste Management Facilities (Locations) Licence Number: 104892 Location: Greengate Metals Ltd, Moston Road, Middleton, Manchester, Greater Manchester, M24 1SF Operator Name: GREENGATE METALS LIMITED Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Vehicle Depollution Facility <5000 tps Licence Status: Issued Issued: 2nd January 2013 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	841	2	388632 404089
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	7	388571 403203
	Local Authority Landfill Coverage Name: Oldham Metropolitan Borough Council - Has not been able to supply Landfill data		159	8	388622 403410
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		832	4	387815 403688

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1956	A13NW (NW)	252	12	388408 403473
48	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NW (S)	303	12	388512 402850
49	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NW (SW)	452	12	388302 402781
50	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NW (S)	465	12	388394 402723
51	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12SW (SW)	781	12	387812 402865
52	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8SW (S)	810	12	388509 402334
53	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18NE (N)	887	12	388621 404135
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NW (NW)	40	12	388516 403287
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SW (S)	77	12	388530 403086
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SE (E)	100	12	388708 403172
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NE (NE)	159	12	388725 403365
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SE (S)	166	12	388580 402974
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NE (N)	205	12	388637 403452
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NW (W)	227	12	388297 403281
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NE (N)	228	12	388635 403475
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	242	12	388404 402965
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	268	12	388353 403457
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NE (NE)	272	12	388755 403482
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (NE)	274	12	388749 403488

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	278	12	388358 402953
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	280	12	388377 402937
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (E)	281	12	388898 403259
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SW (N)	302	12	388538 403549
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SE (N)	306	12	388592 403554
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SW (E)	306	12	388908 403114
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (E)	336	12	388953 403248
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	355	12	388202 403405
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	358	12	388264 403497
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	365	12	388535 403612
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NW (NW)	368	12	388254 403502
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12NE (NW)	372	12	388201 403438
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (E)	373	12	388987 403299
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (NE)	385	12	388848 403556
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12SE (W)	403	12	388114 403176
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	414	12	388166 403462
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	425	12	388190 403515
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	442	12	389021 403427
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A18SE (N)	446	12	388664 403691
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8NW (S)	448	12	388416 402731
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (NE)	454	12	389027 403443

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (SE)	463	12	389039 402986
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	465	12	389053 403031
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	492	12	388121 403535
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SW (NE)	520	12	389041 403550
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SW (NE)	520	12	389037 403555
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SW (N)	526	12	388382 403755
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A18SE (NE)	530	12	388821 403737
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (E)	542	12	389151 403158
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	563	12	388101 403623
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A19SW (NE)	567	12	388988 403677
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SW (E)	568	12	389161 403043
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12SE (W)	574	12	387993 402967
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SW (N)	588	12	388422 403827
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	613	12	387907 403136
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	636	12	389251 403202
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	648	12	388102 403743
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	649	12	389080 402701
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	652	12	389243 403428
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	656	12	388483 403903
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A19SW (NE)	681	12	389059 403766
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	692	12	388392 402479

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18NW (N)	699	12	388563 403946
109	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (NW)	707	12	388259 403905
110	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SE (SE)	714	12	388883 402482
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SW (NE)	718	12	389140 403740
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SE (E)	720	12	389329 403141
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	731	12	389271 402845
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SE (S)	736	12	388769 402422
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A19SW (NE)	740	12	389123 403788
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	745	12	388282 403953
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19NW (NE)	754	12	388995 403901
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	755	12	388601 402384
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	760	12	388857 402422
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	767	12	388294 403980
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	783	12	389323 402836
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	788	12	387776 403504
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	793	12	388269 402419
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	797	12	389322 402797
125	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	813	12	389100 402496
126	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	817	12	388471 402332
127	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NE (SW)	833	12	387893 402636
128	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	865	12	388502 402279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	873	12	388730 404114
130	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	884	12	387792 403749
131	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	890	12	389210 402488
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7SE (SW)	891	12	388126 402377
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	906	12	389005 404066
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SE (E)	913	12	389475 402873
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	918	12	388640 404165
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	934	12	388843 404154
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19NW (N)	937	12	388932 404130
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	946	12	387615 402915
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	962	12	388293 404183
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SE (S)	963	12	388793 402195
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	968	12	389457 403729
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9NE (SE)	971	12	389366 402539
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	973	12	388779 402182
144	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NW (S)	975	12	388487 402170
145	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NE (S)	983	12	388766 402170
146	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A23SW (N)	989	12	388291 404210
147	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A15SW (E)	996	12	389585 402980
148	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12SW (W)	997	12	387563 402909

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Registered Landfill Sites Licence Holder: Greenside Development Co Ltd Licence Reference: 00287 Site Location: Greengate Industrial Estate, Chadderton, Oldham, Lancashire Licence Easting: 388300 Licence Northing: 403700 Operator Location: Britannia Road, Sale, Cheshire 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: 29th November 1983 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: Construction And Demolition Wastes	A18SW (NW)	503	2	388300 403700
150	Registered Landfill Sites Licence Holder: George Wimpey & Co Ltd Licence Reference: 00107 Site Location: Greengate, Chadderton, Oldham, Lancashire Licence Easting: 388000 Licence Northing: 403700 Operator Location: 629 Eccles New Road, SALFORD, Greater Manchester, M5 2BD Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater 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: 28th April 1983 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: Construction And Demolition Wastes Ind. Non-Haz. Inert, Non-Flammable Prohibited Waste: Liquid/Slurry/Sludge Wastes	A17SE (NW)	690	2	388000 403700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	Registered Landfill Sites Licence Holder: Uk Waste Management Ltd Licence Reference: 00570/M05/T01 Site Location: Chadderton Landfill Site, Greenside Way, Chadderton, Oldham, Lancashire, M24 1sw Licence Easting: 388100 Licence Northing: 403800 Operator Location: Rixton Old Hall, Manchester Road, Rixton, WARRINGTON, Cheshire, WA3 6EW Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site Closed Dated: 1st October 1993 Preceded By: 00570/89/M3 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Alkali Metal Phosphates Alkalis - Ph > 12 Aluminium Cpds Antimony & Cpds Arsenic & Cpds Arsenides Asbestos Fibre/Powder Asbestos Lagging Asbestos Sheet/Piping - Comp./Bonded Barium Cpds Beryllium & Cpds Bismuth & Cpds Boron & Cpds Cadmium & Cpds Calcium Cpds Chromium & Cpds Cobalt & Cpds Copper & Cpds Cpds Of C, H & O (Esters, Ketones Etc. Distillation Residues Dyestuffs Waste Filter Screenings Gmwd Group 1 - Non/V.Slow Decomp.Wast Gmwd Group 2 - Slow Decomp./Slight So Gmwd Group 3 - Decomp./Sol.Waste = No Gmwd Group 5 - Only The Following Ind.L Eff. Treat. Sludge/Filter Cake Ion-Exchange Resin Wastes Iron & Cpds Latex, Latex/Rubber Sol'Ns/Susp'Ns Lead & Cpds Magnesium & Cpds Manganese & Cpds Max.Waste Permitted By Licence Mercury & Cpds Mineral Oils& Greases Molybdenum & Cpds Nickel & Cpds Osmium & Cpds Paint Waste Pharmaceutical/Cosmetic Products Phosphorus Cpds Polymeric Material, Products/Scrap Potassium Cpds Printing Industry Wastes/Ink Prod'Ts Of Incomplete Polymerisation Selenides Selenium & Cpds Silver & Cpds Sodium & Cpds Sodium/Potass/Calc. Oxides/Hydrox Sodium/Potassium/Calc. Carbonates Sulphates Sulphides Synthetic Adhesive Wastes Tank Cleaning Sludge Tellurides Tellurium & Cpds Thallium & Cpds Tin & Cpds Titanium & Cpds Treated Clinical Waste - Grp E Only Tungsten & Cpds	A17SE (NW)	694	2	388100 403800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Prohibited Waste Used Filter Materials Vanadium & Cpds Vegetable Oils, Fats, Greases Zinc & Cpds Zirconium & Cpds Explosive Waste Malodorous Waste Pressurised Cont'Rs/Waste Therein Violently Highly Reactive Wastes Waste At Temps > 30 C Waste N.O.S. Waste With Flash Pt < 40 C				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	Registered Landfill Sites Licence Holder: Uk Waste Management Ltd Licence Reference: 00570/89/M3 Site Location: Greengate, Chadderton, Oldham, Lancashire Licence Easting: 388100 Licence Northing: 403800 Operator Location: Matthews Street, Ardwick, MANCHESTER, Greater Manchester, M12 5BB Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 18th December 1989 Preceded By: Not Given Licence: Superseded By: 00570/M05/T01 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Alkali Metal Oxides/Hydroxides \$ Aluminium Ammonium Salts Animal And Food Wastes Antimony Compounds Arsenates & Arsenites Arsenic Compounds As Metals In Slag Asbestos Biocides Borates Cadmium Compounds Chromates (Insoluble Form) Chromium Cpd Cobalt Compounds Construction And Demolition Wastes Contaminated Materials \$ Domestic & Commercial Waste Fats, Waxes And Greases Ferro And Ferri Cyanides Ferrous Metal Scrap Fertilizer Waste Fluorides Etc \$ Fuel Oil Hydrocarbons (Not Fuels/Oils/Greases) Incinerator Residues Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Interceptor Waste, Tar, Paint Etc \$ Ion-Exchange Resin Wastes Iron Compounds Iron,Steel, Ferrous Alloys-Finely Div. Latex, Latex/Rubber Sol'Ns/Susp'Ns Lead Compounds Liquid & Sludge Wastes Max.Input Of Diff. Wastes Listed Below Mercury Compounds Mineral Oils Mineral Processing Wastes Miscellaneous Wastes Molybdenum Compounds Nitrates Nitrites Non-Ferrous Metal Scrap Oil/Water Mixtures Old Cars/Vehicles/Trailers Other Alkalis Other Cyanides Other Non-Toxic Metal Compounds - E90 Other Toxic Metal Compounds - D90 Oxygen Containing Organic Compounds Pharmaceutical/Cosmetic Products Polymeric Material, Products/Scrap Prod'Ts Of Incomplete Polymerisation \$ Scrap Rubber (Including Tyres) Sewage Sludge & Pail Contents Silt And Dredgings Slag, Boiler/Flue Cleanings Sulphides, Selen'S, Tell'S, Arsen'S \$ Synthetic Adhesive Wastes Tungsten Compounds Vegetable And Other Oils Water (Contaminated) Zirconium Compounds Prohibited Waste Ammonia	A17SE (NW)	694	2	388100 403800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Cadmium Carbides And Acetylides Explosive Waste Halogenated Cleaning Cmpds Halogenated Cmpds(Not Cleaning Cmpds) Inorganic Acids Kerosene And Derv. Magnesium Mercury Metal Oxides Mixed Inorganic Compounds Mixed Organic Compounds Organic Acids + Related Cmpds Organic Cmpds Containing N,S Or P \$ Organic Liquids Organic Peroxides Organo-Metallic Cmpds Other Industrial Wastes Other Non-Toxic Metal Compounds - E99 Oxidising Compounds Phenols, Analogues/Derivatives Sodium/Potassium Thallium Compounds Unidentified Chemical Waste Waste Liable To Produce Toxic Vapour Waste Which Reacts To Prohibited Waste Wastes Liable Produce Odiferous Vapour Wastes Which Separate To Organic Liqs Wastes With Flash Pt < 30 C				
152	Registered Waste Treatment or Disposal Sites Licence Holder: Mr Gerry Booth Licence Reference: 00579/89 Site Location: Bradshaw Trading Estate, Greengate, Middleton, Manchester, Greater Manchester Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Incineration Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence never issuedUnder Review Dated: Not Supplied Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Licenced Wastes Not To Hand	A18NW (N)	752	2	388500 404000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	Control of Major Accident Hazards Sites (COMAH) Name: GOLDEN LTD Location: Chadderton Industrial Estate, Greenside Way, Middleton, Manchester, M24 1RT Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A18NW (N)	810	9	388397 404049
154	Control of Major Accident Hazards Sites (COMAH) Name: Great Bear Distribution Limited Location: Chadderton. Oldham, Unit 1 The Causeway, Broadway 21, Chadderton, Oldham, Greater Manchester, OL9 9XA Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	905	9	388994 404071
155	Planning Hazardous Substance Consents Name: Tetrosyl Ltd Location: Greenside Way, Chadderton, M24 1rt Authority: Oldham Metropolitan Borough Council Application Ref: HS/054366/07 Hazardous Substance: Unknown at time of report Maximum Quantity: 0 Application date: 28th December 2007 Decision: Deemed Consent GrantedGranted Positional Accuracy: Manually positioned to the address or location	A18NW (N)	814	8	388382 404050
156	Planning Hazardous Substance Consents Name: L'Oreal Golden Location: Chadderton Industrial Estate, Greenside Way, Middleton, Manchester, Lancashire, M24 1rt Authority: Oldham Metropolitan Borough Council Application Ref: Hs/039434/00 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 150 Application date: 24th January 2000 Decision: Deemed Consent GrantedGranted Positional Accuracy: Manually positioned to the address or location	A18NW (N)	850	8	388330 404076
157	Planning Hazardous Substance Consents Name: L'Oreal Golden Location: Greenside Way, Chadderton, Oldham Authority: Oldham Metropolitan Borough Council Application Ref: HS/039434/00 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 17th February 2000 Decision: Deemed Consent GrantedGranted Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	940	8	388304 404163
158	Planning Hazardous Substance Consents Name: Not Supplied Location: Unit 1 The Causeway, Broadway, Chadderton, Oldham Authority: Oldham Metropolitan Borough Council Application Ref: HS/057120/09 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 18th September 2009 Decision: Unknown at time of reportUnknown Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	991	8	389054 404138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13NE (SE)	0	1	388571 403203
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (SE)	0	1	388571 403203
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	99	1	388473 403335
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (N)	252	1	388571 403500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (N)	253	1	388505 403500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	263	1	388348 403446
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SE (W)	521	1	388000 403132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	710	1	388500 403957
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	752	1	388571 404000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	759	1	388420 404000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	844	1	389000 404000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	856	1	389266 403806
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	865	1	387800 402708

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NE (E)	918	1	389500 403500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17NE (NW)	938	1	388144 404107
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19NW (NE)	975	1	389006 404142
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19NW (NE)	981	1	389000 404151
159	BGS Recorded Mineral Sites Site Name: Greengate Brickworks Location: Chadderton, Oldham, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15089 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	621	1	388035 403635
160	BGS Recorded Mineral Sites Site Name: Shackcliffe Green Location: Moston, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15088 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SW (W)	899	1	387686 402858
	BGS Measured Urban Soil Chemistry No data available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages No data available				
	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.	A13NE (SE)	0	10	388571 403203
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (SE)	0	-	388571 403203
	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	A13NE (SE)	0	1	388571 403203
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	175	1	388391 403365
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	175	1	388391 403365
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	223	1	388457 403462
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	136	1	388460 403369
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	175	1	388391 403365
	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	A13NE (SE)	0	1	388571 403203
	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	A13NE (SE)	0	1	388571 403203

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	Contemporary Trade Directory Entries Name: My Car Agents Location: 4, GREENGATE EAST, MANCHESTER, M40 0JL Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	49	-	388469 403224
162	Contemporary Trade Directory Entries Name: M C S Location: 26, Greengate East, Manchester, M40 0JL Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	76	-	388476 403310
163	Contemporary Trade Directory Entries Name: Monitor Location: 362, Hollinwood Avenue, Manchester, M40 0JB Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	217	-	388802 403055
164	Contemporary Trade Directory Entries Name: B & J Autos Location: Chain Bar Mill, 809, Moston Lane, Manchester, M40 5RT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13SW (W)	271	-	388260 403115
164	Contemporary Trade Directory Entries Name: Moston Motor Co Location: Unit 1/2, Chain Bar Mill, 809, Moston Lane, Manchester, M40 5RT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13SW (W)	271	-	388260 403115
165	Contemporary Trade Directory Entries Name: Gladeside Fitted Kitchens Uk Location: Lee House, Tomlinson St, Moston, Manchester, Lancashire, M40 5RY Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	287	-	388292 403011
166	Contemporary Trade Directory Entries Name: R & C Drycleaners Location: 342, Hollinwood Avenue, Manchester, M40 0JB Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	296	-	388876 403028
167	Contemporary Trade Directory Entries Name: N O V P F T Location: Greengate, Middleton, Manchester, Greater Manchester, M24 1SA Classification: Pump Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	348	-	388615 403596
167	Contemporary Trade Directory Entries Name: N O V Process & Flow Technologies Uk Ltd Location: Greengate, Middleton, Manchester, Greater Manchester, M24 1SA Classification: Pump Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	348	-	388615 403596
168	Contemporary Trade Directory Entries Name: Miller Vehicle Services Ltd Location: Chain Bar Mill, 809, Moston Lane, Manchester, M40 5RT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	356	-	388183 403078
168	Contemporary Trade Directory Entries Name: Miller Vehicle Services Ltd Location: Chain Bar Mill, 809, Moston Lane, Manchester, M40 5RT Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	356	-	388183 403078
168	Contemporary Trade Directory Entries Name: Textile Reclamation Ltd Location: Unit 1 Chain Bar Mill, Manchester, Greater Manchester, M40 5RT Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	356	-	388183 403077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	Contemporary Trade Directory Entries Name: Moston Tyres Location: Chain Bar Mill, 809, Moston Lane, Manchester, Lancashire, M40 5RT Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (W)	356	-	388183 403078
168	Contemporary Trade Directory Entries Name: Harlequin Kitchens & Bedrooms Location: Unit 3, Chain Bar Mill, 809, Moston Lane, Manchester, Lancashire, M40 5RT Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	356	-	388183 403078
168	Contemporary Trade Directory Entries Name: M V S Location: Chain Bar Mill, 809, Moston Lane, Manchester, Lancashire, M40 5RT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	356	-	388183 403078
169	Contemporary Trade Directory Entries Name: Advance Door Systems Location: 566, Moston Lane, Manchester, M40 5RS Classification: Gate Manufacturers - Automated Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	387	-	388181 403005
169	Contemporary Trade Directory Entries Name: Advance Door Systems Location: 566, Moston Lane, Manchester, M40 5RS Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	387	-	388181 403005
170	Contemporary Trade Directory Entries Name: Sky Blue Box Ltd Location: 28, WARBECK ROAD, MANCHESTER, M40 3LG Classification: Textile Manufacturing Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	424	-	388865 402806
171	Contemporary Trade Directory Entries Name: Sarbs Location: 6k Blueberry Av, Manchester, Lancashire, M40 0GF Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (S)	428	-	388479 402729
172	Contemporary Trade Directory Entries Name: Arresta Pest Location: 31, Mough Lane, Chadderton, Oldham, OL9 9PJ Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	442	-	389054 403309
173	Contemporary Trade Directory Entries Name: Lewis Road Stone Location: 48, Whitegate Road, Chadderton, Oldham, OL9 9PW Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	453	-	389042 403404
174	Contemporary Trade Directory Entries Name: Leaflet Local Location: 101, Blueberry Avenue, Manchester, M40 0GE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	456	-	388558 402685
175	Contemporary Trade Directory Entries Name: Perfect Prevention Location: 292, Hollinwood Avenue, Chadderton, Oldham, OL9 9NQ Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	546	-	389101 402916
176	Contemporary Trade Directory Entries Name: Pullman Fleet Services Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XA Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	568	-	388994 403673

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Contemporary Trade Directory Entries Name: Total Gas (Uk) Ltd Location: 33, Caspian Road, Manchester, M9 7JB Classification: Gas - Industrial & Medical Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	581	-	387936 403228
177	Contemporary Trade Directory Entries Name: Total Gas (Uk) Ltd Location: 33, Caspian Road, Manchester, M9 7JB Classification: Gas - Industrial & Medical Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	589	-	387929 403244
178	Contemporary Trade Directory Entries Name: Sparkles Location: 3, Kinver Road, Manchester, M40 5QQ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	593	-	388075 402792
179	Contemporary Trade Directory Entries Name: K T N Waste Removels Location: 345, Lightbowne Road, Manchester, M40 0HN Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	597	-	388218 402663
180	Contemporary Trade Directory Entries Name: Waterford Dairies Location: 2, Broadway, Manchester, M40 3LN Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	601	-	389043 402732
181	Contemporary Trade Directory Entries Name: M E M 500 Location: Whitegate Broadway, Chadderton, Oldham, Lancashire, OL9 9QG Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	611	-	389168 402910
182	Contemporary Trade Directory Entries Name: Jacques Products Location: Greengate Industrial Estate, Greenside Way, Middleton, MANCHESTER, M24 1SW Classification: Rubber & Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	630	-	388414 403869
182	Contemporary Trade Directory Entries Name: Industrial Latex Compounds Location: Greengate Industrial Estate, Greenside Way, Middleton, Manchester, M24 1SW Classification: Foam Products - Rubber & Plastics Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	630	-	388414 403869
183	Contemporary Trade Directory Entries Name: Elite Location: 37, Shawford Road, Manchester, Lancashire, M40 5QU Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	632	-	388086 402721
183	Contemporary Trade Directory Entries Name: Goldstar Professional Location: 37, Shawford Road, Manchester, M40 5QU Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	632	-	388086 402721
184	Contemporary Trade Directory Entries Name: Uk Restoration Ltd Location: 771a, Moston Lane, Manchester, M40 5RJ Classification: Chemicals - Distributors & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	644	-	388001 402805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	Contemporary Trade Directory Entries Name: Peter Cox Ltd Location: Unit 2 Broadgate, Chadderton, Oldham, Lancashire, OL9 9XA Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	658	-	389082 403714
186	Contemporary Trade Directory Entries Name: Dootec Security Location: 757, Moston Lane, Manchester, M40 5RJ Classification: Roller Shutter Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	683	-	388001 402739
187	Contemporary Trade Directory Entries Name: Ally Global Forwarding Location: BOOTH HOUSE, GREENSIDE WAY, CHADDERTON, M24 1RU Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	692	-	388498 403939
188	Contemporary Trade Directory Entries Name: Rentokil Pest Control Sheffield Location: Broadway Business Park, Chadderton, Oldham, Lancashire, OL9 9XA Classification: Pest & Vermin Control Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	713	-	388944 403882
189	Contemporary Trade Directory Entries Name: Initial Medical Location: Aniseed Park, Broadgate, Chadderton, OL9 9XA Classification: Medical Waste Disposal Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	730	-	389139 403758
190	Contemporary Trade Directory Entries Name: Your Local Cleaning Co Location: 52, Broadway, Manchester, M40 3LL Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	732	-	388944 402492
191	Contemporary Trade Directory Entries Name: Eurotune (Mobile Services) Location: 274, Hollinwood Avenue, Chadderton, Oldham, OL9 8DG Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	739	-	389274 402832
192	Contemporary Trade Directory Entries Name: Rentokil Pest Control Manchester Location: Broadway Business Park, Broadgate, Chadderton, OL9 9XA Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	748	-	388817 403969
192	Contemporary Trade Directory Entries Name: Now Logistics Ltd Location: Oldham Broadway Business Park, Broadgate, Chadderton, OL9 9XA Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	748	-	388817 403969
192	Contemporary Trade Directory Entries Name: Ivars Location: Chadderton, OL9 9XA Classification: Office Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	748	-	388817 403969
193	Contemporary Trade Directory Entries Name: Vehicle & Operator Services Agency Vosa Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, Lancashire, OL9 9XA Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NE (NE)	753	-	388894 403948

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	Contemporary Trade Directory Entries Name: Bifold Fluidpower Ltd Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, Lancashire, OL9 9XA Classification: Valve Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (NE)	753	-	388894 403948
193	Contemporary Trade Directory Entries Name: Motus Commercials Location: Unit 18 Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, Lancashire, OL9 9XA Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NE (NE)	753	-	388894 403948
194	Contemporary Trade Directory Entries Name: Always Cleaning Ltd Location: Unit 4, Howarth Court, Gateway Cr, Oldham Broadway Business Pk, Chadderton, Oldham, Lancashire, OL9 9XB Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	758	-	389088 403842
194	Contemporary Trade Directory Entries Name: J E B Tooling Ltd Location: Unit 12, Gateway Crescent, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XB Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	759	-	389089 403842
195	Contemporary Trade Directory Entries Name: Patricias Soft Furnishings Location: 113, Nuthurst Road, Manchester, M40 3NR Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	759	-	388653 402381
196	Contemporary Trade Directory Entries Name: M T S Precision Ltd Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, Lancashire, OL9 9XA Classification: Valve Manufacturers & Suppliers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	762	-	388983 403916
197	Contemporary Trade Directory Entries Name: Simpson Vehicle Recovery Services Location: 14, Chesney Avenue, Chadderton, Oldham, OL9 8DR Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	763	-	389337 402935
198	Contemporary Trade Directory Entries Name: Dublcheck Location: 1, Anfield Road, Manchester, M40 3WF Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	779	-	388705 402367
199	Contemporary Trade Directory Entries Name: Pinnacle Location: Unit 13B, Gateway Cr, Oldham Broadway Business Pk, Chadderton, Oldham, Lancashire, OL9 9XB Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	809	-	389132 403872
200	Contemporary Trade Directory Entries Name: Seasoners Location: The Old Peeling Station, Moston Road, Middleton, Manchester, M24 1SF Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	809	-	388611 404057
200	Contemporary Trade Directory Entries Name: Autocare Location: unit 3-4 Moston Rd, Middleton, Manchester, Lancashire, M24 1SE Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	832	-	388570 404080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
200	Contemporary Trade Directory Entries Name: Eclipse Motor Bodies Ltd Location: 4 Moston Road, Middleton, Manchester, Lancashire, M24 1SE Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	836	-	388576 404084
201	Contemporary Trade Directory Entries Name: Hazlewood Sauces & Pickles Location: Greengate, Middleton, Manchester, Lancashire, M24 1RU Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	818	-	388503 404066
201	Contemporary Trade Directory Entries Name: Greengate Service Station Location: 227, Greengate, Middleton, Manchester, M24 1RU Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	825	-	388527 404073
201	Contemporary Trade Directory Entries Name: Hazelwood Foods Location: 227, Greengate, Middleton, Manchester, Lancashire, M24 1RU Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	825	-	388527 404073
201	Contemporary Trade Directory Entries Name: Stagecoach Location: Alexander House, Greengate, Middleton, Manchester, M24 1RU Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	860	-	388524 404108
201	Contemporary Trade Directory Entries Name: Bluebird Location: Greengate, Middleton, Manchester, M24 1RU Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18NW (N)	860	-	388524 404108
201	Contemporary Trade Directory Entries Name: Transverde (UK) Ltd Location: Greengate, Middleton, Manchester, M24 1RU Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18NW (N)	860	-	388524 404108
201	Contemporary Trade Directory Entries Name: Ams Motor Co Location: Unit 3, Bradley House, Moston Road, Middleton, Manchester, M24 1SE Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	874	-	388557 404122
201	Contemporary Trade Directory Entries Name: The European Recycling Co Ltd Location: Greengate, Middleton, Manchester, M24 1RU Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	884	-	388497 404132
201	Contemporary Trade Directory Entries Name: Hatton'S Location: Windy Corner, Greengate, Middleton, Manchester, M24 1RU Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	888	-	388498 404136
201	Contemporary Trade Directory Entries Name: Jardine A Location: 211, Greengate, Middleton, Manchester, M24 1RU Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	891	-	388522 404139
201	Contemporary Trade Directory Entries Name: Contained Air Solutions Location: Greengate, Middleton, Manchester, M24 1RU Classification: Medical Equipment Maintenance & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	893	-	388518 404141

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Contemporary Trade Directory Entries Name: Contained Air Solutions Location: Greengate, Middleton, Manchester, M24 1RU Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	893	-	388518 404141
202	Contemporary Trade Directory Entries Name: B S Systems Location: 145, Nuthurst Road, Manchester, M40 3NR Classification: Gate Manufacturers - Automated Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	850	-	388809 402314
203	Contemporary Trade Directory Entries Name: Zenoffice Location: Unit 13b, Gateway Crescent, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XB Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	851	-	389262 403803
204	Contemporary Trade Directory Entries Name: Brian Prescott Ltd Location: Broadway Business Park, Broadway, Chadderton, OL9 0JA Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	860	-	388836 404080
204	Contemporary Trade Directory Entries Name: Roe Green Transport Ltd Location: Broadway Business Park, Broadway, Chadderton, OL9 0JA Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	860	-	388836 404080
204	Contemporary Trade Directory Entries Name: Bifold Fluid Power Ltd Location: Broadgate, Oldham Broadway Business Park, Chadderton, OLDHAM, OL9 9XA Classification: Hydraulic Systems & Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	861	-	388836 404081
205	Contemporary Trade Directory Entries Name: Greengate Metals Location: Moston Road, Middleton, MANCHESTER, M24 1SF Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	863	-	388651 404110
206	Contemporary Trade Directory Entries Name: N J C Europe Location: Unit 3, Howarth Court, Gateway Crescent, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XB Classification: Chemicals & Allied Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	866	-	389042 404002
206	Contemporary Trade Directory Entries Name: Provision Location: Unit 6, Howarth Court, Gateway Crescent, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XB Classification: Laboratory Equipment, Instruments & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	894	-	389062 404023
207	Contemporary Trade Directory Entries Name: Digital Projection Ltd Location: Chadderton Industrial Estate, Greenside Way, Middleton, Manchester, M24 1XX Classification: Projection Screens - Mfrs & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	899	-	388187 404083
208	Contemporary Trade Directory Entries Name: The P V C Cleaning Company Location: 204, Moston Lane East, Manchester, M40 3QH Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	906	-	389264 402520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	Contemporary Trade Directory Entries Name: Brimar Ltd Location: Chadderton Industrial Estate, Greenside Way, Middleton, Manchester, M24 1SN Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	907	-	388129 404066
210	Contemporary Trade Directory Entries Name: Brian Prescott Ltd Location: Broadway Business Park, Broadway, Chadderton, Oldham, OL9 0JA Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (N)	908	-	388920 404104
210	Contemporary Trade Directory Entries Name: Power Supply Cords Location: Broadway Business Park, Broadway, Chadderton, Oldham, OL9 0JA Classification: Electrical Goods - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (N)	908	-	388920 404104
210	Contemporary Trade Directory Entries Name: G G R Group Location: Presentation House, Broadway Business Park, Chadderton, Oldham, Lancashire, OL9 0JA Classification: Lifting Equipment Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19NW (N)	908	-	388920 404104
210	Contemporary Trade Directory Entries Name: Lynton Refrigeration Ltd Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XA Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (N)	922	-	388915 404121
210	Contemporary Trade Directory Entries Name: B3 Supplements Ltd Location: Unit B Broadway Business Park, Broadway, Chadderton, Oldham, Lancashire, OL9 0JA Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	A18NE (N)	924	-	388902 404127
211	Contemporary Trade Directory Entries Name: Greengate Autocare Location: Unit C2 Pandora Business Park, Greengate, Middleton, Manchester, Greater Manchester, M24 1RU Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	911	-	388498 404159
212	Contemporary Trade Directory Entries Name: Sustainability Inc Ltd Location: Unit 2a, Greengate Industrial Estate, White Moss View, Middleton, Manchester, M24 1UN Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	914	-	388244 404119
213	Contemporary Trade Directory Entries Name: Andrew James Kitchens Location: Unit D/11, Pandora Business Park, Greengate, Middleton, Manchester, M24 1RU Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	919	-	388614 404167
214	Contemporary Trade Directory Entries Name: M H Services Location: 166, Nuthurst Road, Manchester, M40 3WG Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	924	-	388856 402251
214	Contemporary Trade Directory Entries Name: J Wild Location: 90, Broadway, Manchester, M40 3WQ Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	930	-	388861 402246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	Contemporary Trade Directory Entries Name: Trouvay & Cauvin Ltd Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XA Classification: Valve Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	932	-	388840 404153
216	Contemporary Trade Directory Entries Name: Pentagon Location: Greengate Industrial Estate, Greenside Way, Middleton, Manchester, Lancashire, M24 1SW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	933	-	388448 404178
216	Contemporary Trade Directory Entries Name: Pentagon Group Location: Greengate Industrial Estate, Greenside Way, Middleton, Manchester, M24 1SW Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	933	-	388448 404178
217	Contemporary Trade Directory Entries Name: Handiwork Constructions Location: 5, Whitegate Close, Manchester, M40 3WY Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	961	-	389221 402404
218	Contemporary Trade Directory Entries Name: Sellusthecar Com Ltd Location: Pandora Business Park, Greengate, Middleton, Manchester, Greater Manchester, M24 1RU Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A23SE (N)	964	-	388573 404212
218	Contemporary Trade Directory Entries Name: Four Seasons Cleaning Supplies Ltd Location: Unit D/7, Pandora Business Park, Greengate, Middleton, Manchester, M24 1RU Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A23SE (N)	964	-	388573 404212
218	Contemporary Trade Directory Entries Name: Middleton Car Centre Location: PANDORA BUSINESS PARK, GREENGATE, MIDDLETON, MANCHESTER, M24 1RU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	966	-	388555 404214
219	Contemporary Trade Directory Entries Name: Lewis Hygiene Ltd Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XA Classification: Hygiene & Cleansing Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	965	-	388798 404195
220	Contemporary Trade Directory Entries Name: Transport Training Location: 8, Kenwick Drive, MANCHESTER, M40 3RT Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	978	-	389397 402568
221	Contemporary Trade Directory Entries Name: Boomer Industries Ltd Location: Greengate Industrial Estate, Greenside Way, Middleton, Manchester, M24 1SW Classification: Plastics - Extrusion Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	982	-	388298 404205
221	Contemporary Trade Directory Entries Name: Boomer Industries Location: Greengate Industrial Estate, Greenside Way, Middleton, Manchester, Lancashire, M24 1SW Classification: Plastics - Extrusion Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	982	-	388298 404205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	Contemporary Trade Directory Entries Name: H B G Location: Greenside Way, Unit 2 Greengate Industrial Estate, Middleton, Manchester, Greater Manchester, M24 1SW Classification: Aluminium Fabricators Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A23SW (N)	988	-	388339 404219
222	Contemporary Trade Directory Entries Name: Astron Location: The Causeway, Oldham Broadway Business Pk, Chadderton, Oldham, Lancashire, OL9 9XD Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	982	-	389048 404130
223	Contemporary Trade Directory Entries Name: Pulse Project Solutions Location: UNIT 4A, GREENGATE INDUSTRIAL ESTATE, GREENSIDE WAY, CHADDERTON, M24 1UN Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	988	-	388179 404175
224	Fuel Station Entries Name: Moston Service Station Location: Hollingwood Avenue, Moston, Manchester, Greater Manchester, M40 0JB Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	154	-	388722 403042
225	Points of Interest - Commercial Services Name: Barr Soft Drinks Location: 440 Hollinwood Avenue, Manchester, M40 0AE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	0	11	388580 403232
225	Points of Interest - Commercial Services Name: A G Barr Plc Location: 440 Hollinwood Avenue, Manchester, M40 0AE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	0	11	388579 403231
225	Points of Interest - Commercial Services Name: Barr Soft Drinks Location: 440 Hollinwood Av, Manchester, M40 0AE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	0	11	388579 403232
225	Points of Interest - Commercial Services Name: Barr Soft Drinks Location: 440 Hollinwood Avenue, Manchester, M40 0AE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	0	11	388580 403232
226	Points of Interest - Commercial Services Name: Miller Vehicle Services Ltd Location: Chain Bar Mill 809, Moston Lane, Manchester, M40 5RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	356	11	388183 403077
226	Points of Interest - Commercial Services Name: Textile Reclamation Ltd Location: Unit 1, Chain Bar Mill, 809, Moston Lane, Manchester, M40 5RT Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12SE (W)	356	11	388183 403077
226	Points of Interest - Commercial Services Name: Miller Vehicle Services Ltd Location: Chain Bar Mill 809, Moston Lane, Manchester, M40 5RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	356	11	388183 403078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Points of Interest - Commercial Services Name: M V F Location: Chain Bar Mill 809, Moston Lane, Manchester, M40 5RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	356	11	388183 403078
226	Points of Interest - Commercial Services Name: Miller Vehicle Services Ltd Location: Chain Bar Mill 809, Moston Lane, Manchester, M40 5RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	356	11	388183 403078
226	Points of Interest - Commercial Services Name: M V S Location: Chain Bar Mill 809, Moston Lane, Manchester, M40 5RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	356	11	388183 403077
227	Points of Interest - Commercial Services Name: Leaflet Local Location: 101 Blueberry Avenue, Manchester, M40 0GE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	456	11	388558 402685
228	Points of Interest - Commercial Services Name: Pullman Fleet Services Location: Oldham Broadway Business Park, Broadgate, Chadderton, OL9 9XA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	568	11	388994 403673
229	Points of Interest - Commercial Services Name: VOSA Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	593	11	388910 403763
230	Points of Interest - Commercial Services Name: K T N Waste Removels Location: 345 Lightbourne Road, Manchester, M40 0HN Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	597	11	388218 402663
231	Points of Interest - Commercial Services Name: Elite Location: 37 Shawford Road, Manchester, M40 5QU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	632	11	388086 402721
232	Points of Interest - Commercial Services Name: Ally Global Forwarding Location: Booth House, Greenside Way, Chadderton, M24 1RU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	692	11	388498 403939
233	Points of Interest - Commercial Services Name: Rentokil Location: Aniseed Park, Broadgate, Chadderton, OL9 9XA Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A19SW (NE)	730	11	389139 403758
234	Points of Interest - Commercial Services Name: Motus Commercials Location: Oldham Broadway Business Park, Broadgate, Chadderton, OL9 9XA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (NE)	752	11	388893 403948
234	Points of Interest - Commercial Services Name: F & G Commercial Oldham Location: Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (NE)	753	11	388894 403948

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Points of Interest - Commercial Services Name: Jds Trucks Location: Unit 12 Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9NL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	759	11	389089 403842
235	Points of Interest - Commercial Services Name: Jds Trucks Location: Unit 12 Broadgate, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9NL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	759	11	389089 403842
236	Points of Interest - Commercial Services Name: Greengate Service Station Location: 227 Greengate, Middleton, Manchester, M24 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	825	11	388527 404073
236	Points of Interest - Commercial Services Name: Greengate Service Station Location: 227 Greengate, Middleton, Manchester, M24 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	825	11	388527 404073
236	Points of Interest - Commercial Services Name: Greengate Autocare Location: Greengate, Chadderton, M24 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	860	11	388524 404108
236	Points of Interest - Commercial Services Name: A1 Vehicle Services Location: Unit 4 Bradley House, Moston Road, Middleton, Manchester, M24 1SE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	884	11	388551 404132
237	Points of Interest - Commercial Services Name: Scrap Yard Location: M24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	837	11	388660 404084
237	Points of Interest - Commercial Services Name: Greengate Metals Location: Moston Road, Middleton, Manchester, M24 1SF Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	849	11	388661 404095
238	Points of Interest - Commercial Services Name: Brian Prescott Ltd Location: Oldham Broadway Business Park, Broadgate, Chadderton, OL9 9XA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	860	11	388836 404080
239	Points of Interest - Commercial Services Name: Precision Equipment & Components Location: Junction 21 Business Park, Gorse Street, Chadderton, Oldham, OL9 9QH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A19SE (NE)	928	11	389429 403698
240	Points of Interest - Manufacturing and Production Name: Tank Location: M40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	0	11	388538 403244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	Points of Interest - Manufacturing and Production Name: Tank Location: M40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	0	11	388539 403239
240	Points of Interest - Manufacturing and Production Name: Tank Location: M40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	0	11	388542 403240
240	Points of Interest - Manufacturing and Production Name: Tanks Location: M40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	0	11	388545 403236
241	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	248	11	388650 403494
241	Points of Interest - Manufacturing and Production Name: Factory Location: M40 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SE (N)	323	11	388619 403571
241	Points of Interest - Manufacturing and Production Name: Factory Location: M24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SE (N)	326	11	388624 403574
242	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	339	11	388761 403555
243	Points of Interest - Manufacturing and Production Name: Tank Location: M40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	339	11	388548 402804
244	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	467	11	388644 403714
245	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	614	11	388735 403850
245	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	647	11	388755 403880
246	Points of Interest - Manufacturing and Production Name: Electricity Generating Station Location: OL9 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A19SW (NE)	616	11	389130 403589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	Points of Interest - Manufacturing and Production Name: Works Location: M24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NW (N)	649	11	388431 403891
248	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	657	11	388217 403831
249	Points of Interest - Manufacturing and Production Name: Greengate Industrial Park Location: M24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	747	11	388354 403976
250	Points of Interest - Manufacturing and Production Name: Electricity Generating Station Location: OL9 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	758	11	389244 403674
251	Points of Interest - Manufacturing and Production Name: Broadway Business Park Location: OL9 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	859	11	389154 403918
252	Points of Interest - Manufacturing and Production Name: Ubc Serviced Offices Location: Howarth Court Gateway Cr, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XB Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A19NW (NE)	880	11	389081 403996
252	Points of Interest - Manufacturing and Production Name: United Business Centres Location: Unit 4 Howarth Court Gateway Crescent, Oldham Broadway Business Park, Chadderton, Oldham, OL9 9XB Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A19NW (NE)	888	11	389021 404039
252	Points of Interest - Manufacturing and Production Name: Broadway Business Park Location: OL9 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	890	11	389038 404032
253	Points of Interest - Manufacturing and Production Name: Tank Location: M24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	891	11	388332 404119
254	Points of Interest - Manufacturing and Production Name: Business Park Location: M24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	925	11	388521 404173
255	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	939	11	389425 403726

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
256	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	964	11	389476 402734
257	Points of Interest - Public Infrastructure Name: Moston Rail Station Location: Hollinwood Avenue, M40 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (SE)	228	11	388763 402978
257	Points of Interest - Public Infrastructure Name: Moston Station Location: Hollinwood Avenue, M40 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (SE)	228	11	388763 402978
258	Points of Interest - Public Infrastructure Name: Refuse Tip Location: M24 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	651	11	388167 403795
259	Points of Interest - Public Infrastructure Name: Chadderton Police Station Location: Broadgate, Chadderton, Oldham, Greater Manchester, OL9 9XA Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SE (NE)	776	11	389333 403548
260	Points of Interest - Public Infrastructure Name: Refuse Tip Location: M9 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	824	11	387966 403857
261	Points of Interest - Public Infrastructure Name: Sludge Bed Location: OL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	972	11	389355 403880
261	Points of Interest - Public Infrastructure Name: Sludge Bed Location: OL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	972	11	389355 403881
262	Points of Interest - Recreational and Environmental Name: Playground Location: Dunsley Avenue, M40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	560	11	388801 402615
262	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	564	11	388808 402614
263	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	572	11	389168 403402
263	Points of Interest - Recreational and Environmental Name: Playground Location: Princess Road, OL9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	637	11	389236 403398

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
264	Points of Interest - Recreational and Environmental Name: Play Area Location: Lightbourne Road, M40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7SE (SW)	857	11	388170 402394
264	Points of Interest - Recreational and Environmental Name: Play Area Location: M40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	859	11	388162 402395
265	Underground Electrical Cables Unique Feature Identifier: 10007446 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	401	12	388842 403580
266	Underground Electrical Cables Unique Feature Identifier: 10007445 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	410	12	388836 403595
267	Underground Electrical Cables Unique Feature Identifier: 10007447 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	414	12	388869 403577
268	Underground Electrical Cables Unique Feature Identifier: 10007448 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	420	12	388879 403576
269	Underground Electrical Cables Unique Feature Identifier: 10008283 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	424	12	388874 403585
270	Underground Electrical Cables Unique Feature Identifier: 10007449 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	426	12	388870 403590
271	Underground Electrical Cables Unique Feature Identifier: 10066304 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	445	12	388869 403615
272	Underground Electrical Cables Unique Feature Identifier: 10007498 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 9th January 2023 Updated:	A18SE (NE)	454	12	388897 403606

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
273	Underground Electrical Cables Unique Feature Identifier: 10066305 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 9th January 2023	A18SE (NE)	459	12	388888 403618
274	Underground Electrical Cables Unique Feature Identifier: 10066333 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 9th January 2023	A19SW (NE)	472	12	388925 403606
275	Underground Electrical Cables Unique Feature Identifier: 10006809 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 9th January 2023	A19SW (NE)	476	12	388925 403611
276	Underground Electrical Cables Unique Feature Identifier: 10057556 Cable Status: Planned Cable Type: Alternating Current Record Last Updated: 9th January 2023	A19SW (NE)	498	12	388968 403602
277	Underground Electrical Cables Unique Feature Identifier: 10059046 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 9th January 2023	A19SW (NE)	536	12	388996 403627
278	Underground Electrical Cables Unique Feature Identifier: 10008192 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 9th January 2023	A19SW (NE)	557	12	389030 403621
279	Underground Electrical Cables Unique Feature Identifier: 10006810 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 9th January 2023	A19SW (NE)	564	12	389038 403623

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	Nitrate Vulnerable Zones Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (SE)	0	5	388571 403203
281	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	A19SE (NE)	875	13	389403 403633
282	Special Areas of Conservation Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 261103.36 Source: Natural England Reference: UK0030266 Status: Designated	A19SE (NE)	875	13	389403 403633

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Manchester City Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department	November 2023 October 2017 October 2017 October 2017 October 2017 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North West Region	July 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	July 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 June 2015 March 2015 September 2014	Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 June 2015 March 2015 September 2014	Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 June 2015 March 2015 March 2015 September 2014	Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2024	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - North West Region	May 2023 May 2023	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2024	Quarterly
Water Abstractions Environment Agency - North West Region	July 2024	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	July 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	May 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	May 2024	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	July 2024	Quarterly
Local Authority Landfill Coverage Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Tameside Metropolitan Borough Council	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Tameside Metropolitan Borough Council	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	

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

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2024	Quarterly
Points of Interest - Education and Health PointX	June 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2024	Quarterly
Points of Interest - Public Infrastructure PointX	June 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council Tameside Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council Tameside Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 2024	Bi-Annually

A selection of organisations who provide data within this report

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

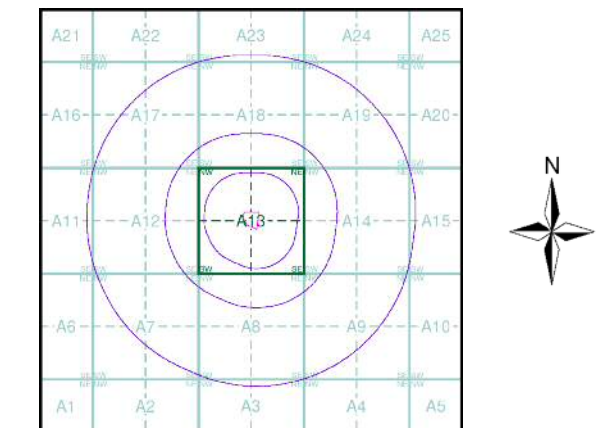
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Oldham Metropolitan Borough Council - Environmental Health Department Area Office West End House, West End Street, Oldham, Lancashire, OL1 6DW	Telephone: 0161 911 4503 Fax: 0161 678 4550 Website: www.oldham.gov.uk
4	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
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	Manchester City Council - Planning Department Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
8	Oldham Metropolitan Borough Council Civic Centre, P O Box 55, West Street, Oldham, Lancashire, OL1 1XN	Telephone: 0161 911 3000 Fax: 0161 678 4550 Website: www.oldham.gov.uk
9	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
10	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
11	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
12	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
13	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.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

Contact	Name and Address	Contact Details
---------	------------------	-----------------

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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- 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
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - 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

Site Sensitivity Map - Slice A

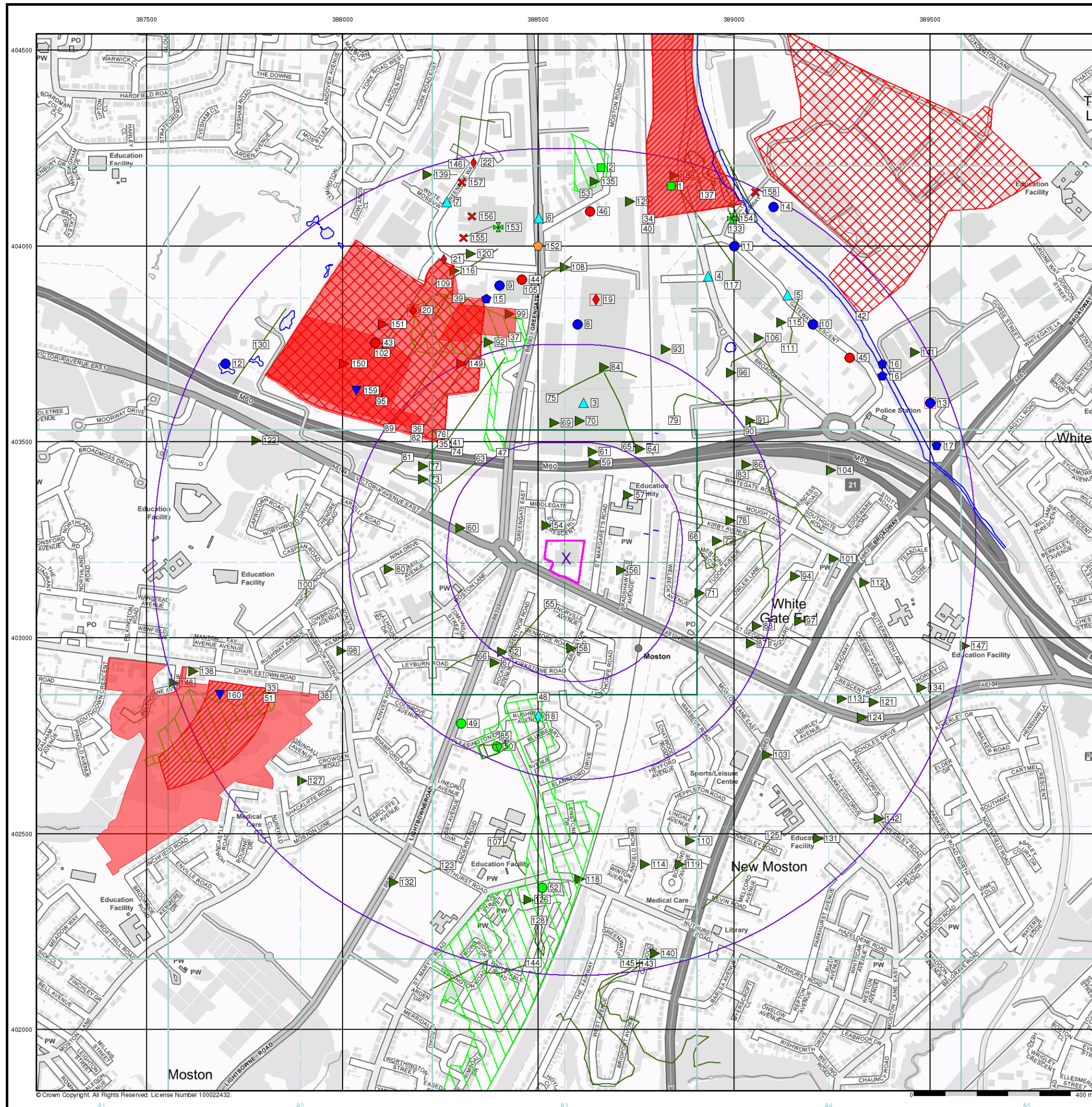


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



Industrial Land Use Map

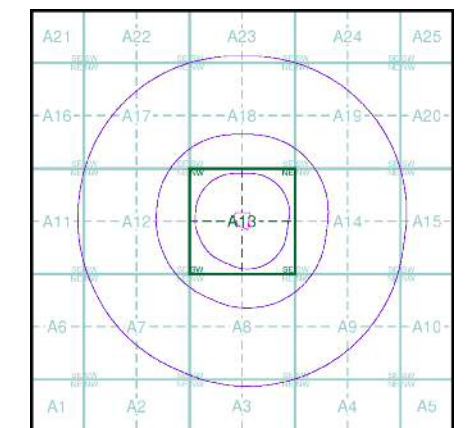
General

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

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Points of Interest - Commercial Services
-  Points of Interest - Education and Health
-  Points of Interest - Manufacturing and Production
-  Points of Interest - Public Infrastructure
-  Points of Interest - Recreational and Environmental
-  Underground Electrical Cables

Industrial Land Use Map - Slice A

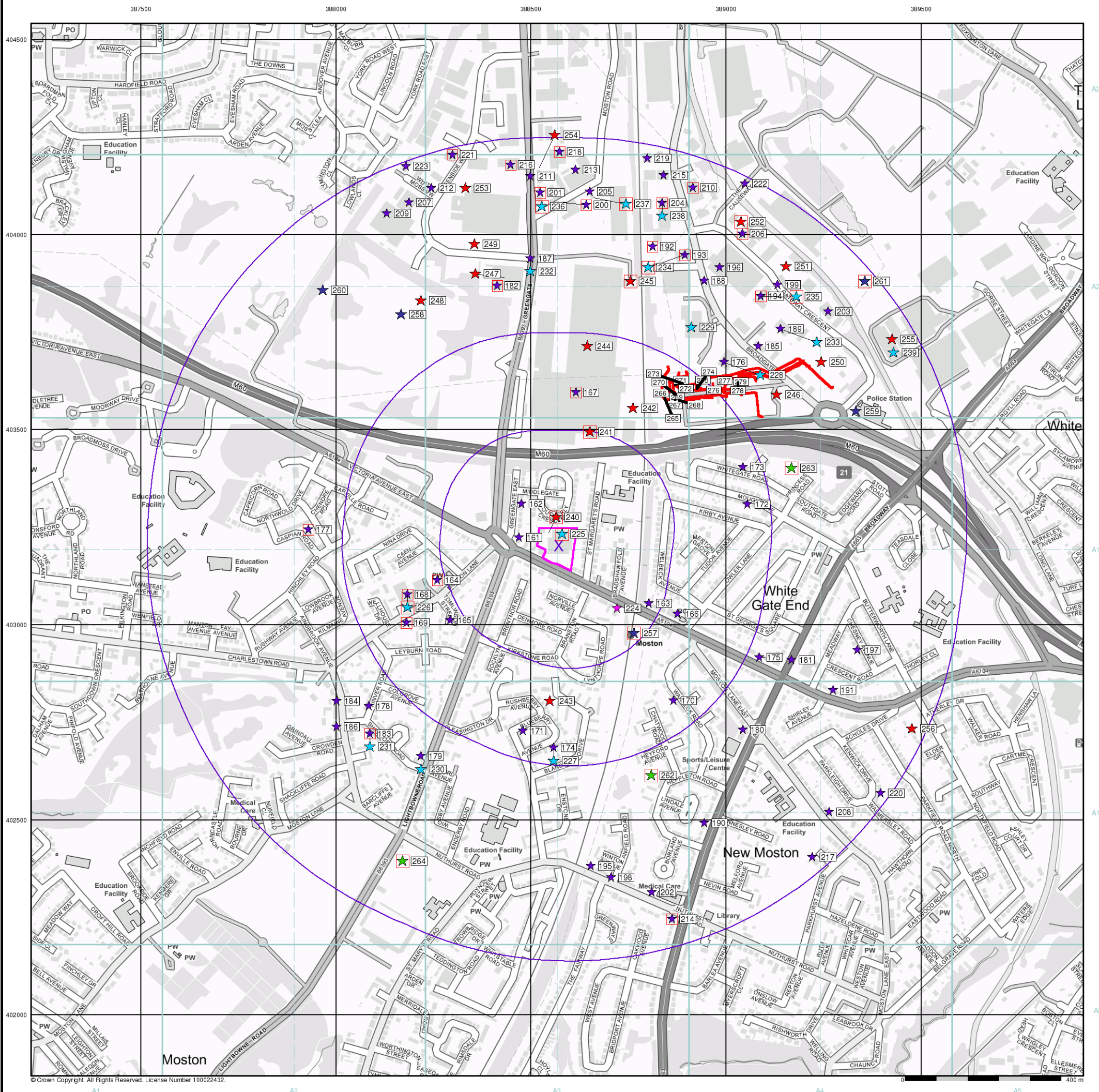


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



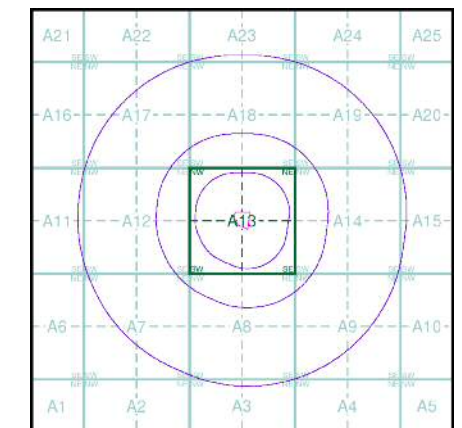
General

- 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: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester

General

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

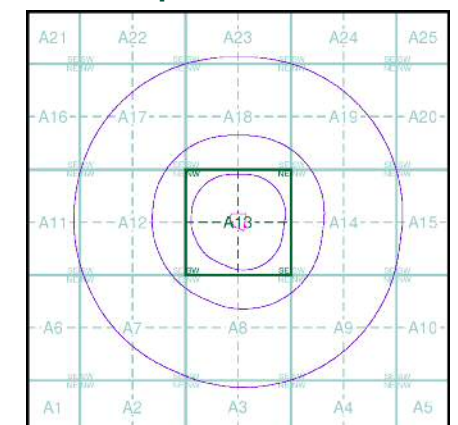
Agency and Hydrological (Boreholes)

-  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

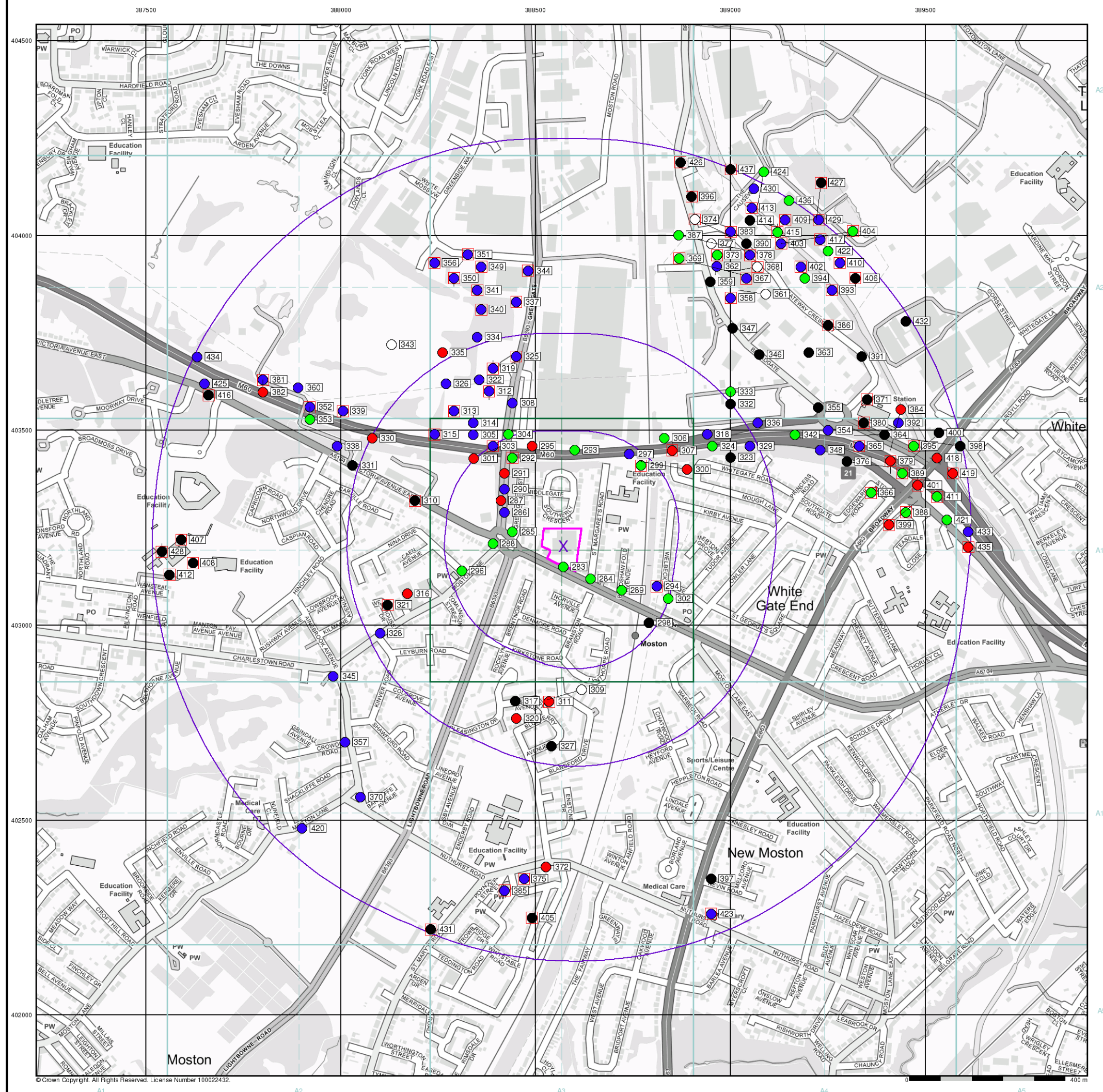


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



General

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

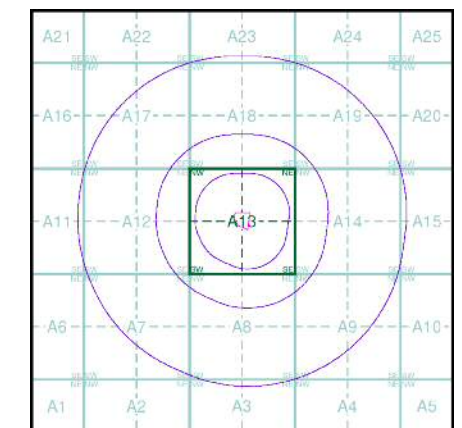
OS Water Network Data

- | | |
|--|---|
|  Canal |  Drain |
|  Reservoir |  Other |
|  Foreshore |  Lake |
|  Marsh |  Transfer |
|  Tidal River |  Lock Or Flight Of Locks |
|  Inland River |  Sea |

Contours (height in meters)

- Standard Contour      
- Master Contour      
- Spot Height  167.3
-  Mean Low Water
-  Mean High Water

OS Water Network Map - Slice A

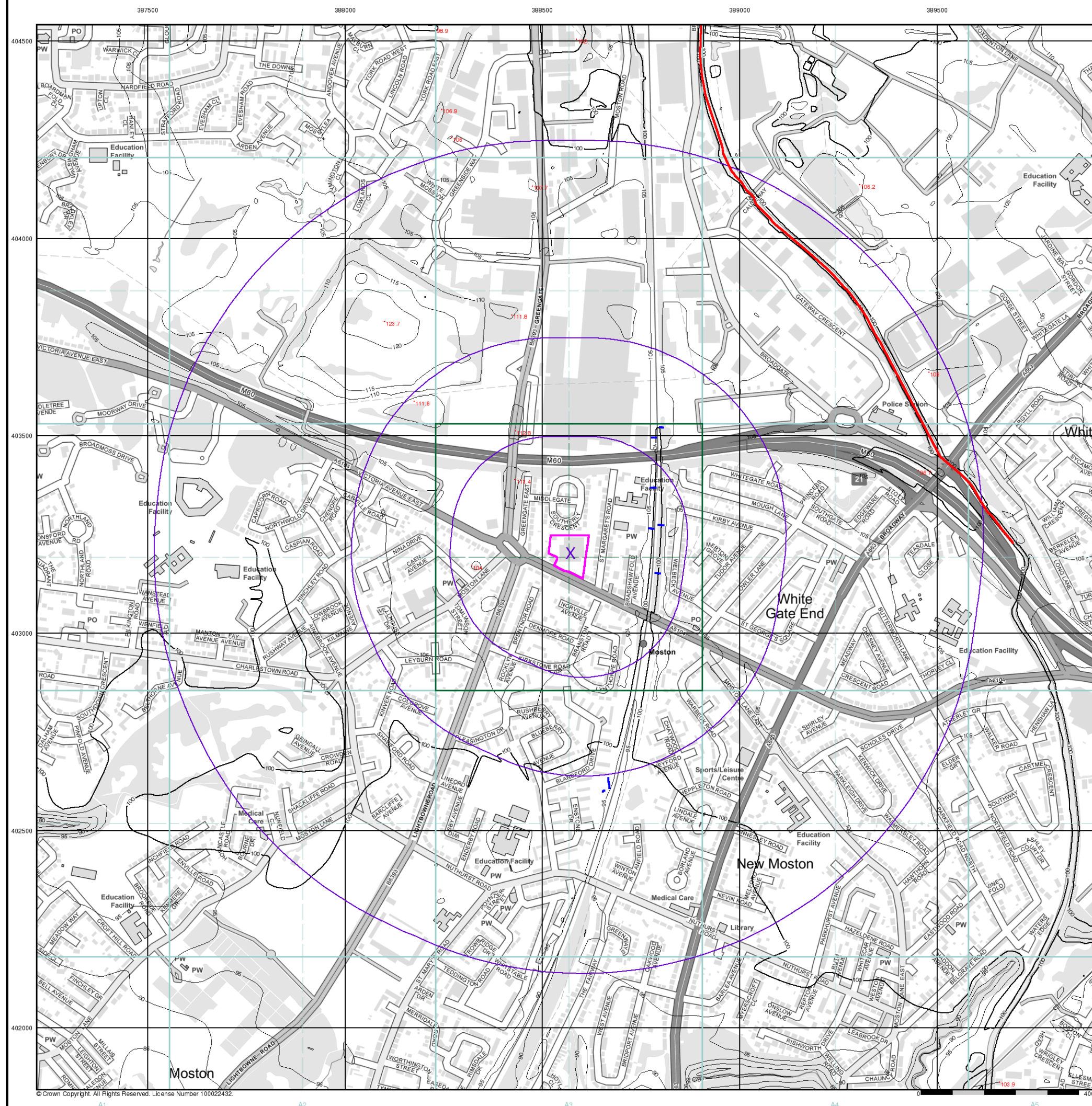


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



General

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

Risk of Flooding from Surface Water

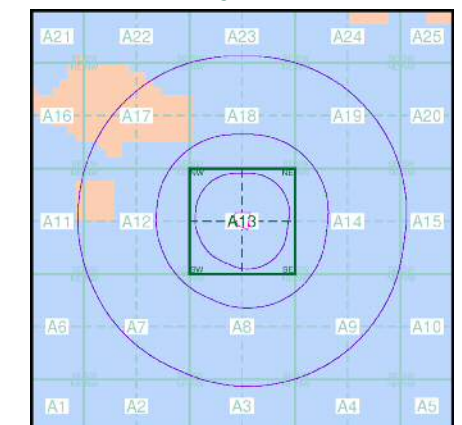
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

-  National to county
-  County to town
-  Town to street
-  Street to parcels of land
-  Property

E/NRW Suitability Map - Slice A

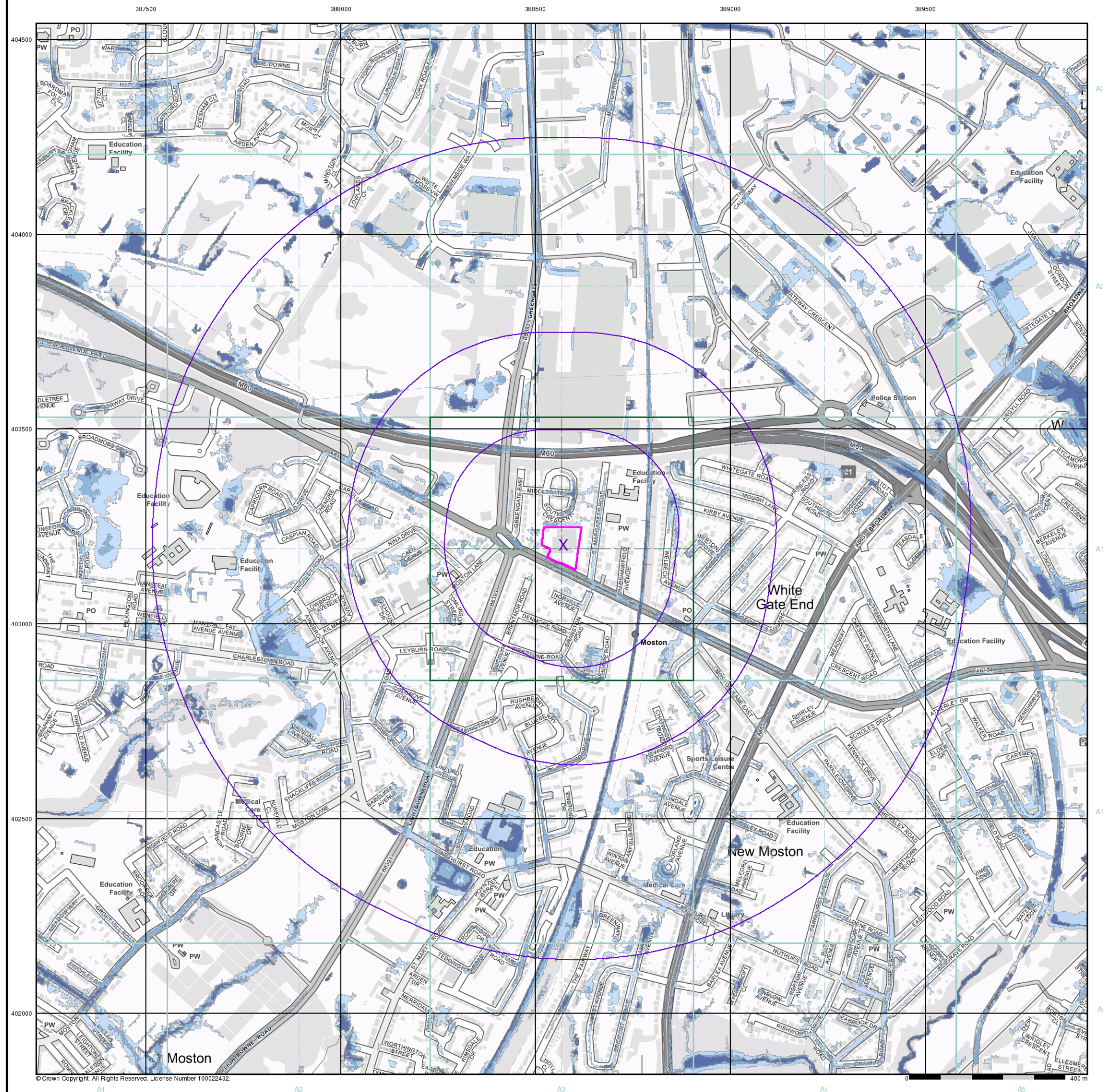


Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



General

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

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 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
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
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- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- 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

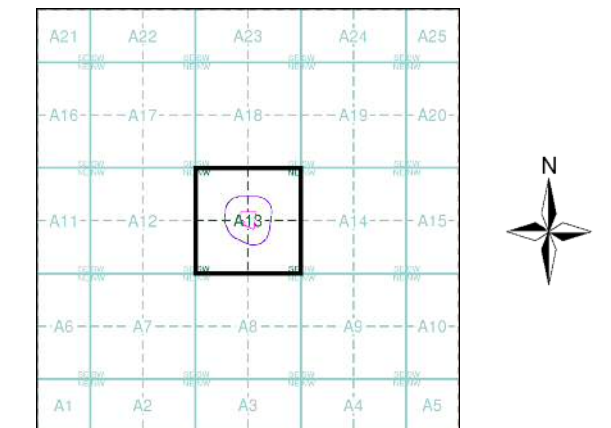
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

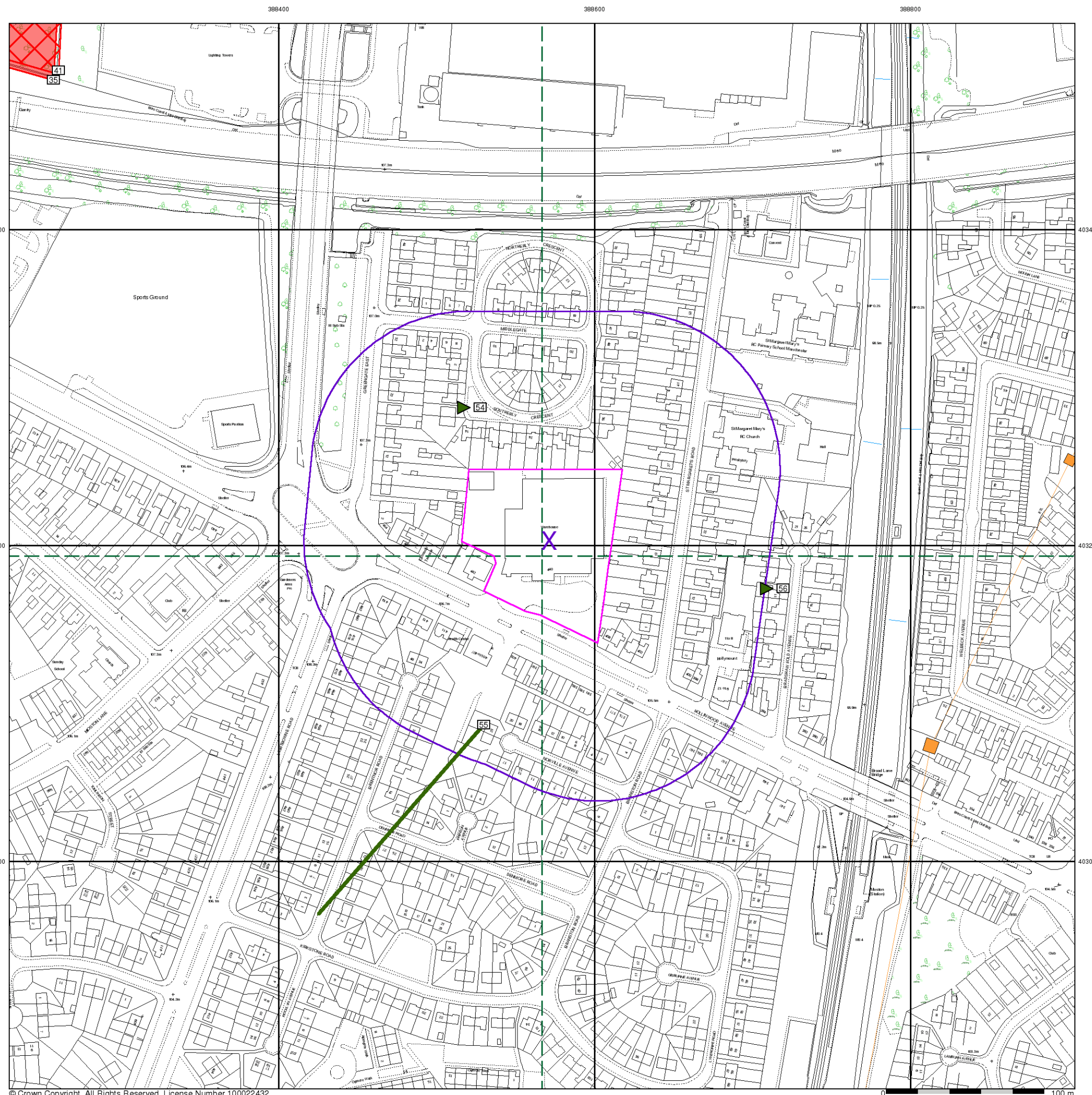


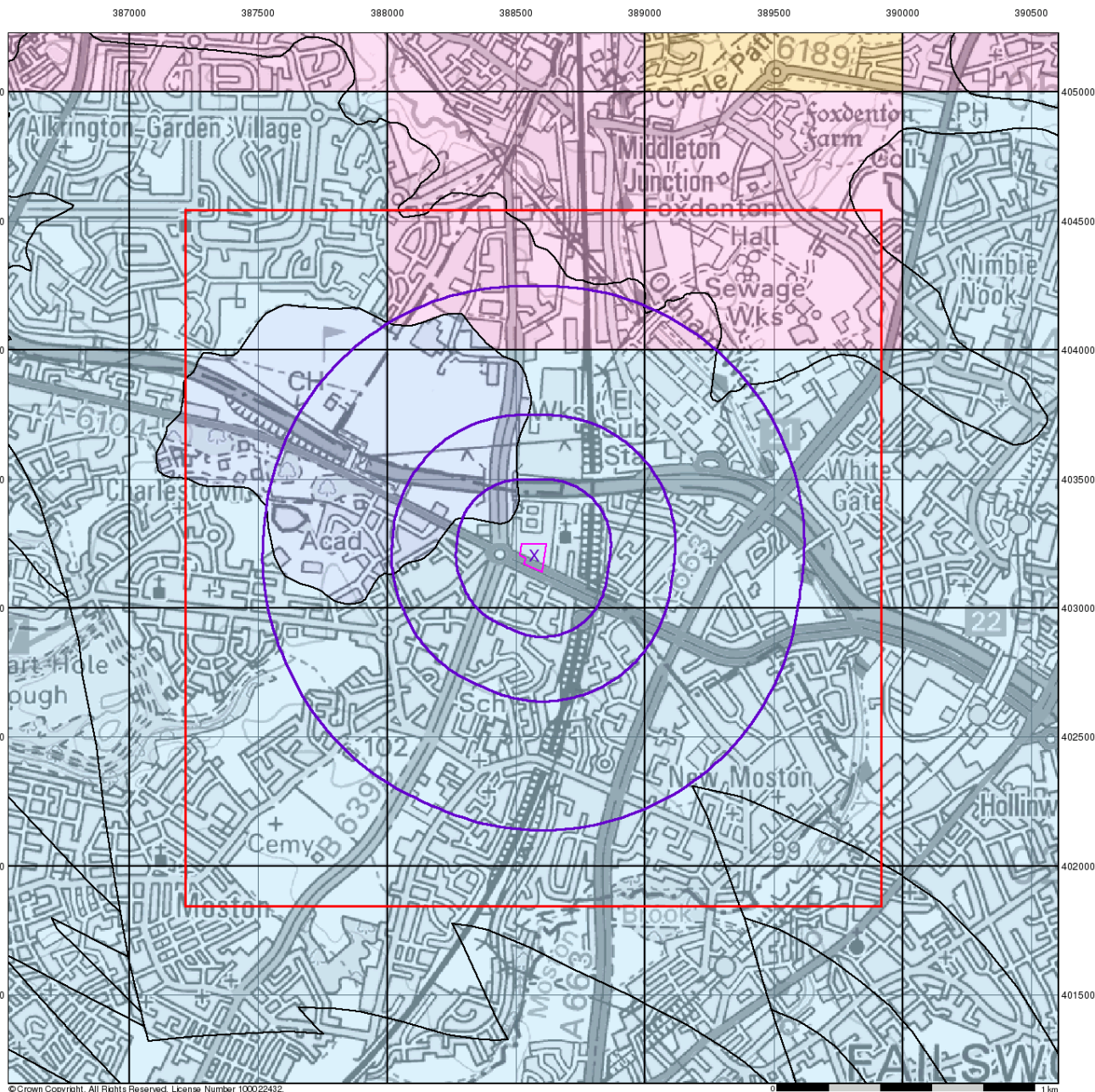
Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Plot Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester





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Groundwater Vulnerability

General

- X Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

Agency and Hydrological

Bedrock Aquifers

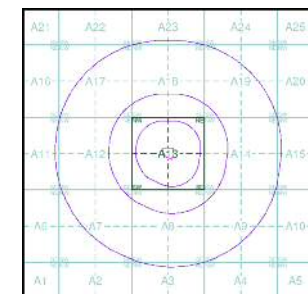
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

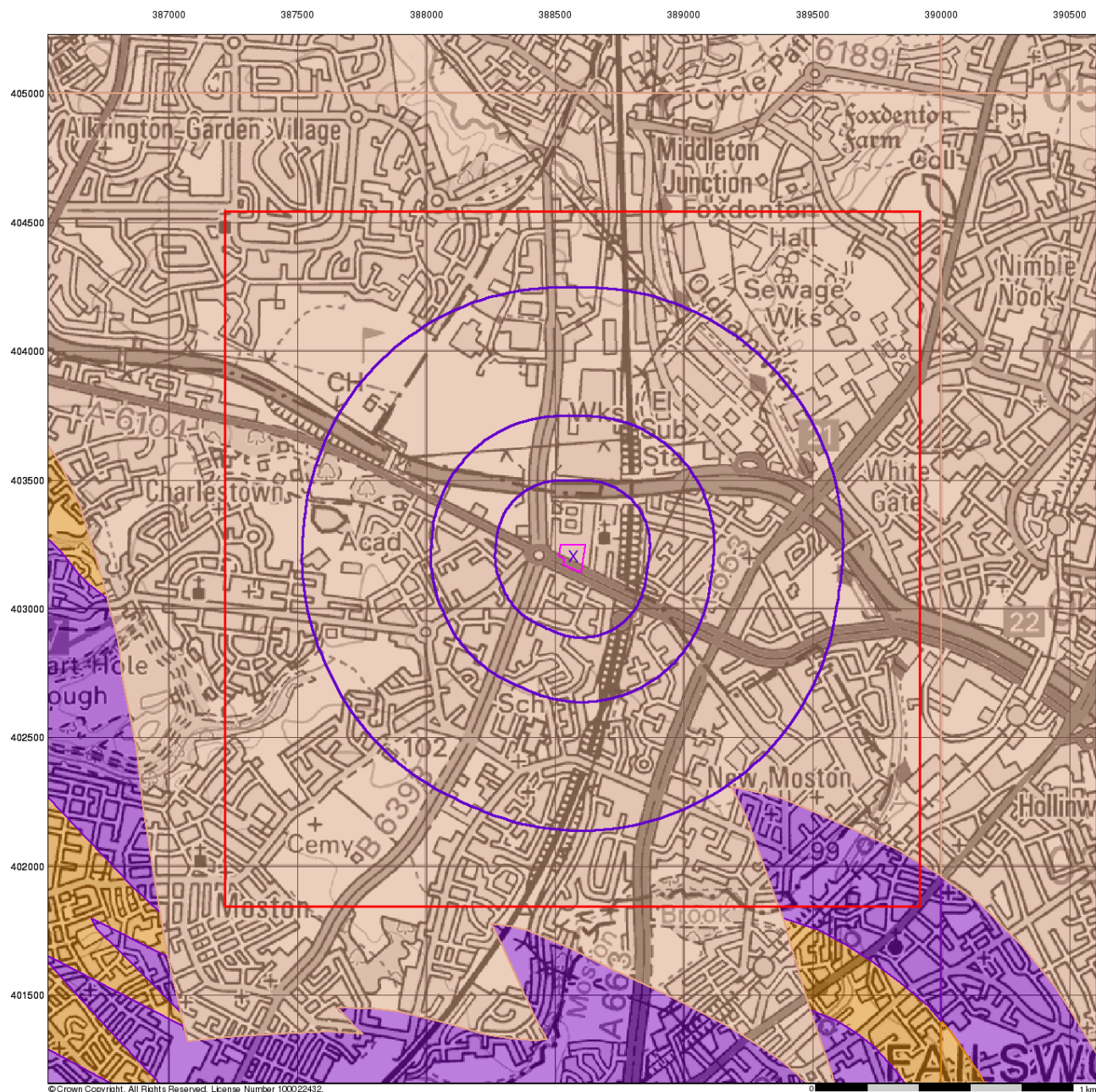
Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



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



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Bedrock Aquifer Designation

General

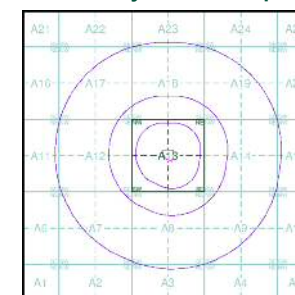
- X Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

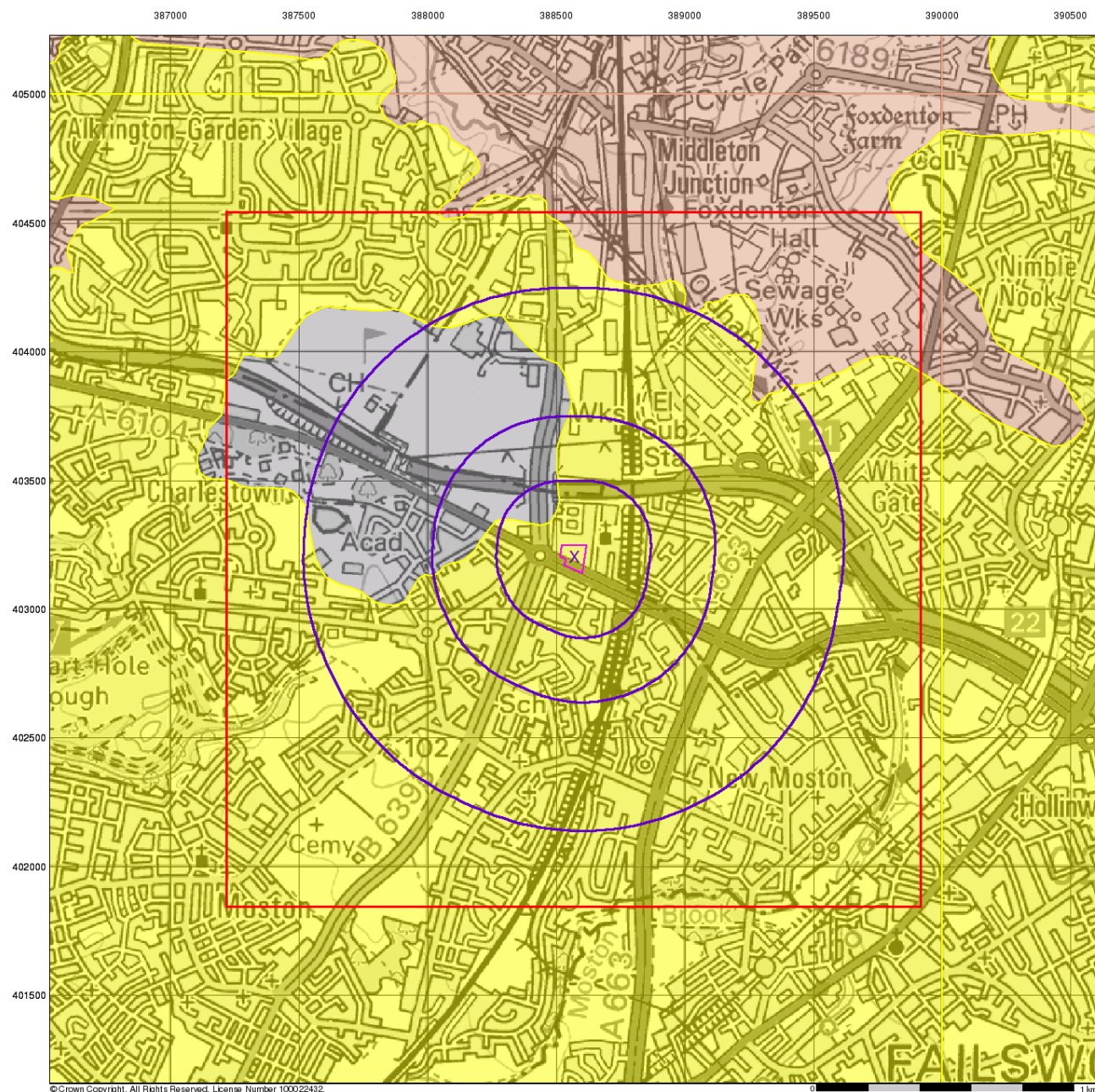
Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



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



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Superficial Aquifer Designation

General

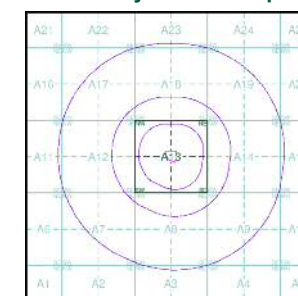
-  Specified Site
  Specified Buffer(s)
  Bearing Reference Point
 Slice
  Map ID

Agency and Hydrological

Geological Classes

-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown
-  Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A

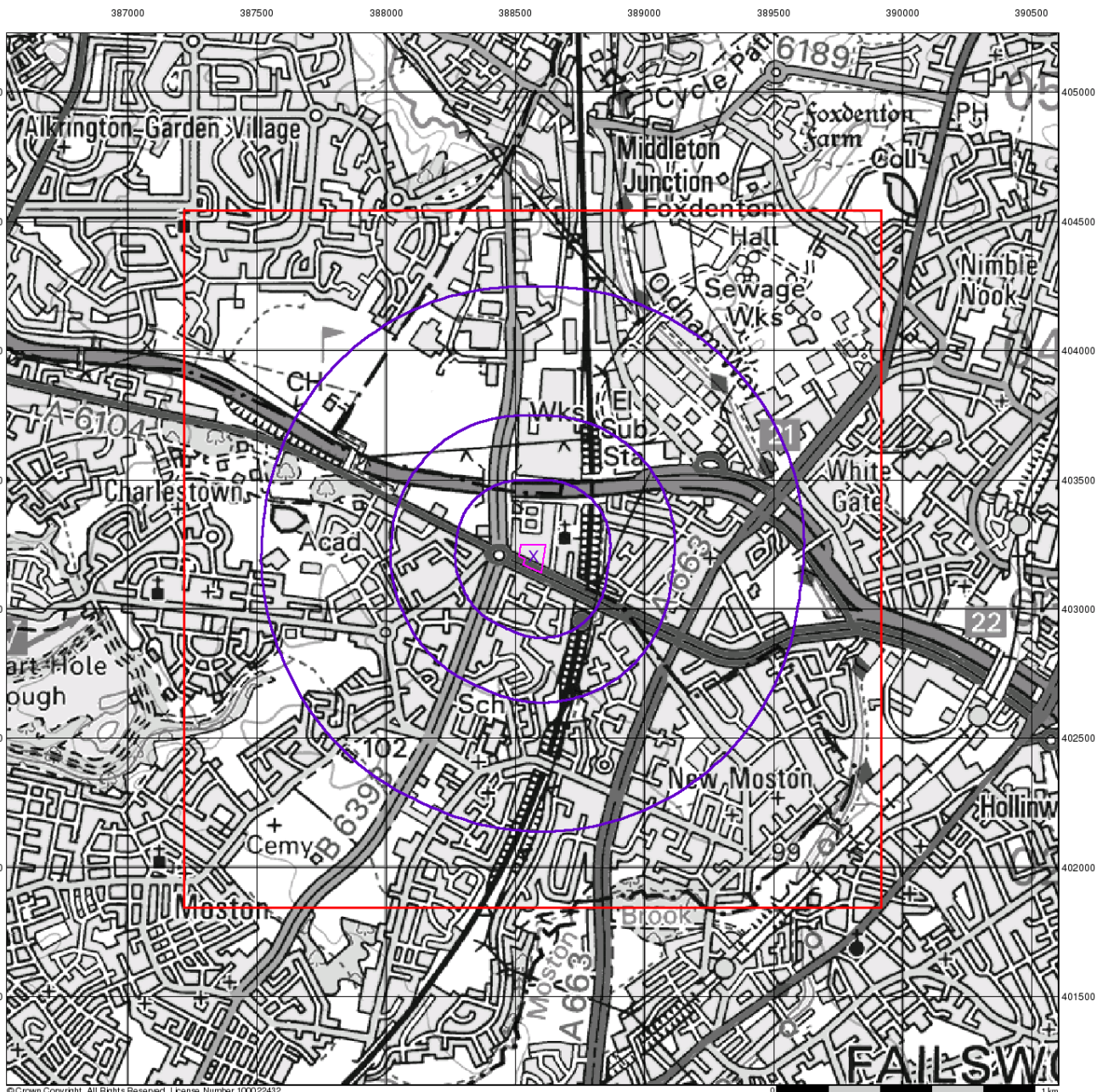


Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



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Source Protection Zones

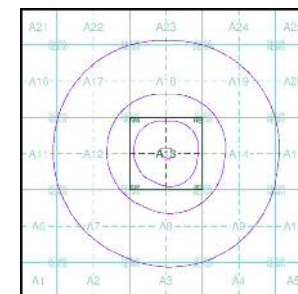
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

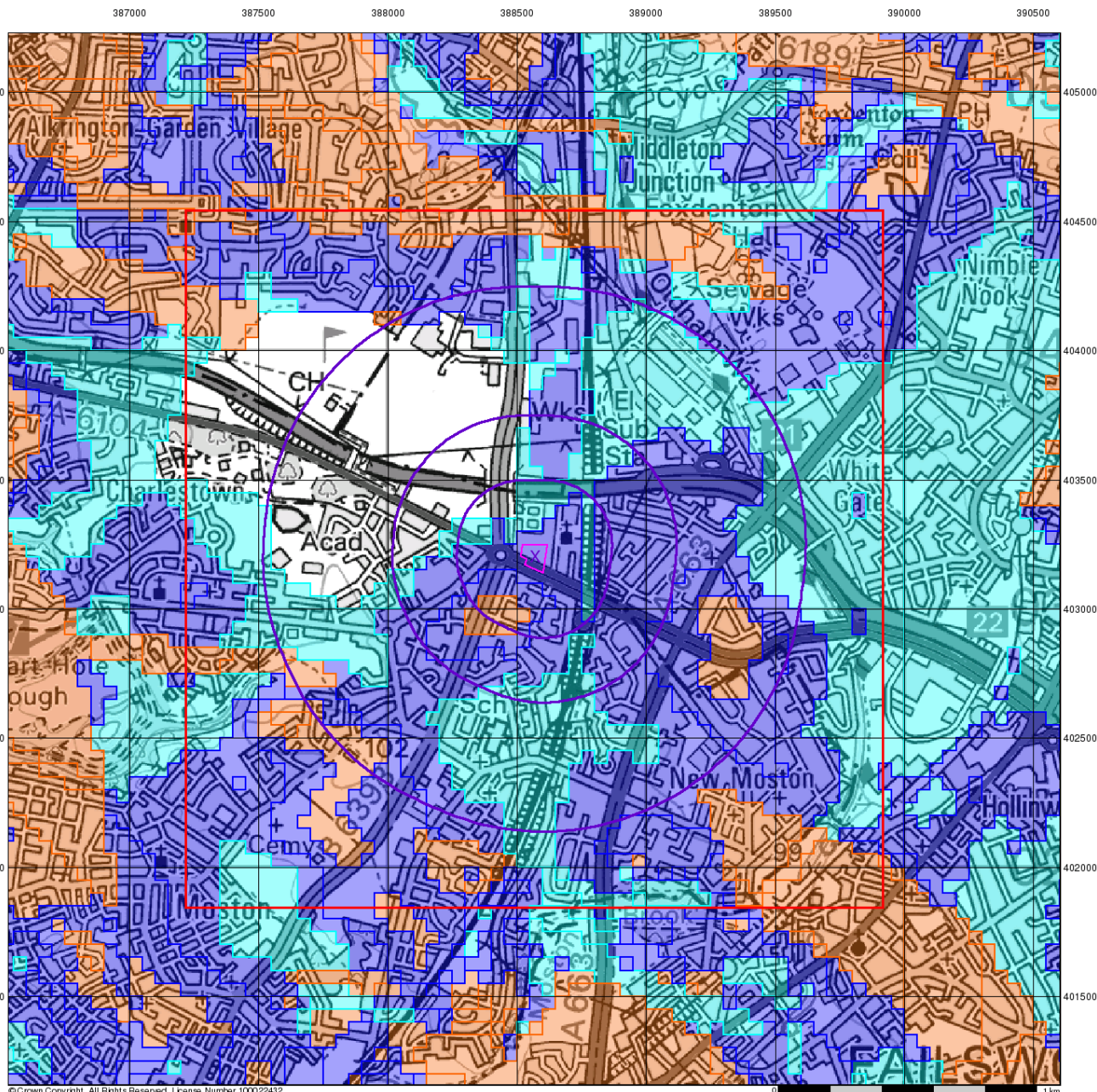
Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



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



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BGS Flood GFS Data

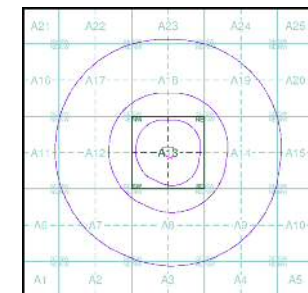
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



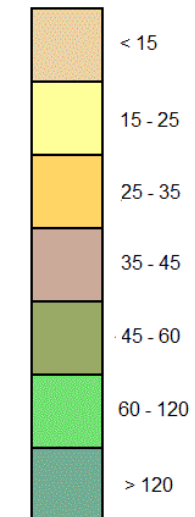
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

General

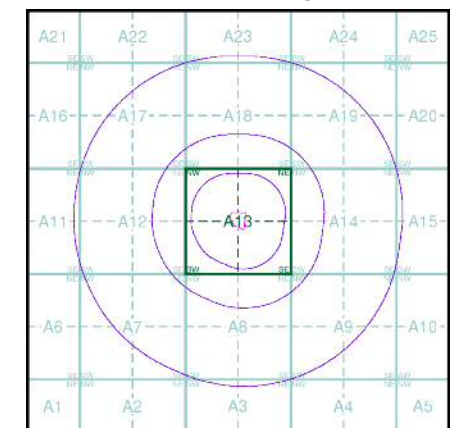
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

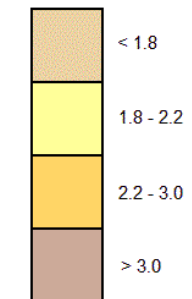
440 Hollinwood Avenue, Manchester

General

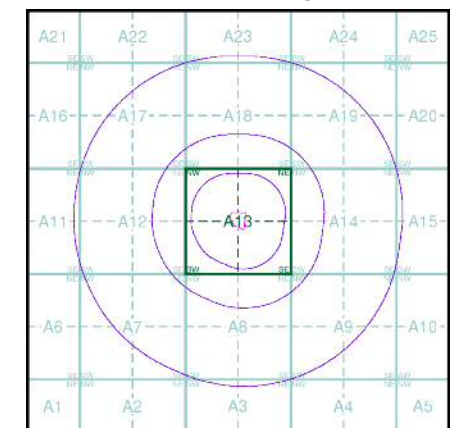
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

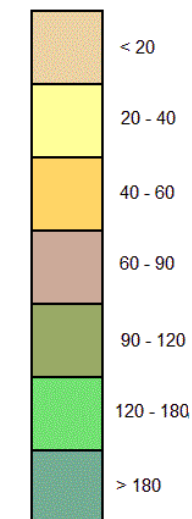
440 Hollinwood Avenue, Manchester

General

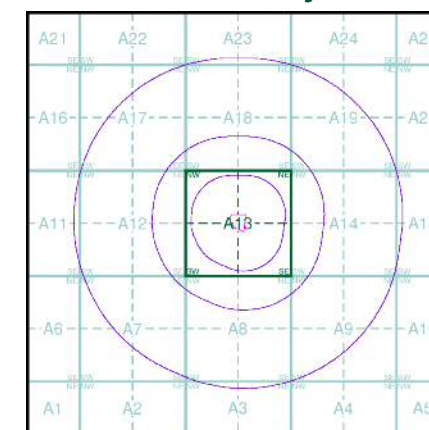
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

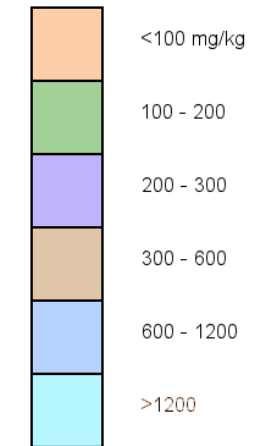
440 Hollinwood Avenue, Manchester

General

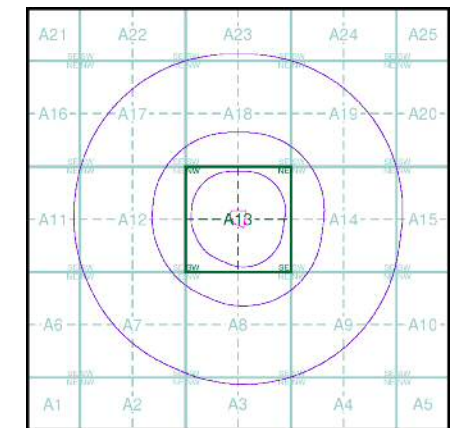
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

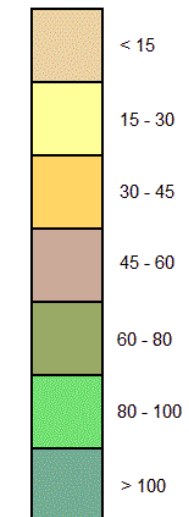
440 Hollinwood Avenue, Manchester

General

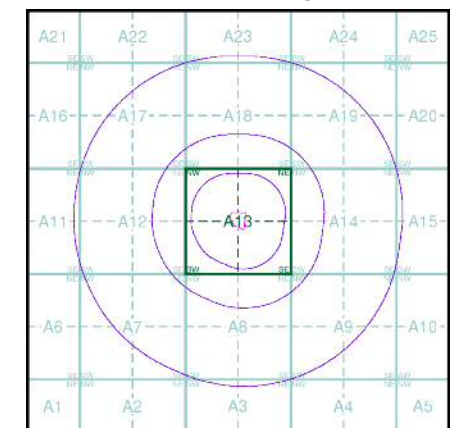
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisuralian
	NHSS	Newton Heath Sandstone	Sandstone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	WDR	Worsley Delf Rock	Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	BAR	Bardsley Rock	Sandstone	Not Supplied - Westphalian
	HNC	Huncliffe Rock	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	BLR	Blenfire Rock	Sandstone	Not Supplied - Westphalian
	CHBR	Chamber Rock	Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		



Geology 1:50,000 Maps

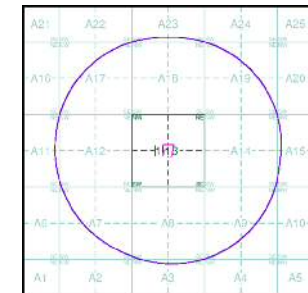
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
 Map Sheet No: 085
 Map Name: Manchester
 Map Date: 2010
 Bedrock Geology: Available
 Superficial Geology: Not Available
 Artificial Geology: Not Available
 Faults: Not Supplied
 Landslip: Not Available
 Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

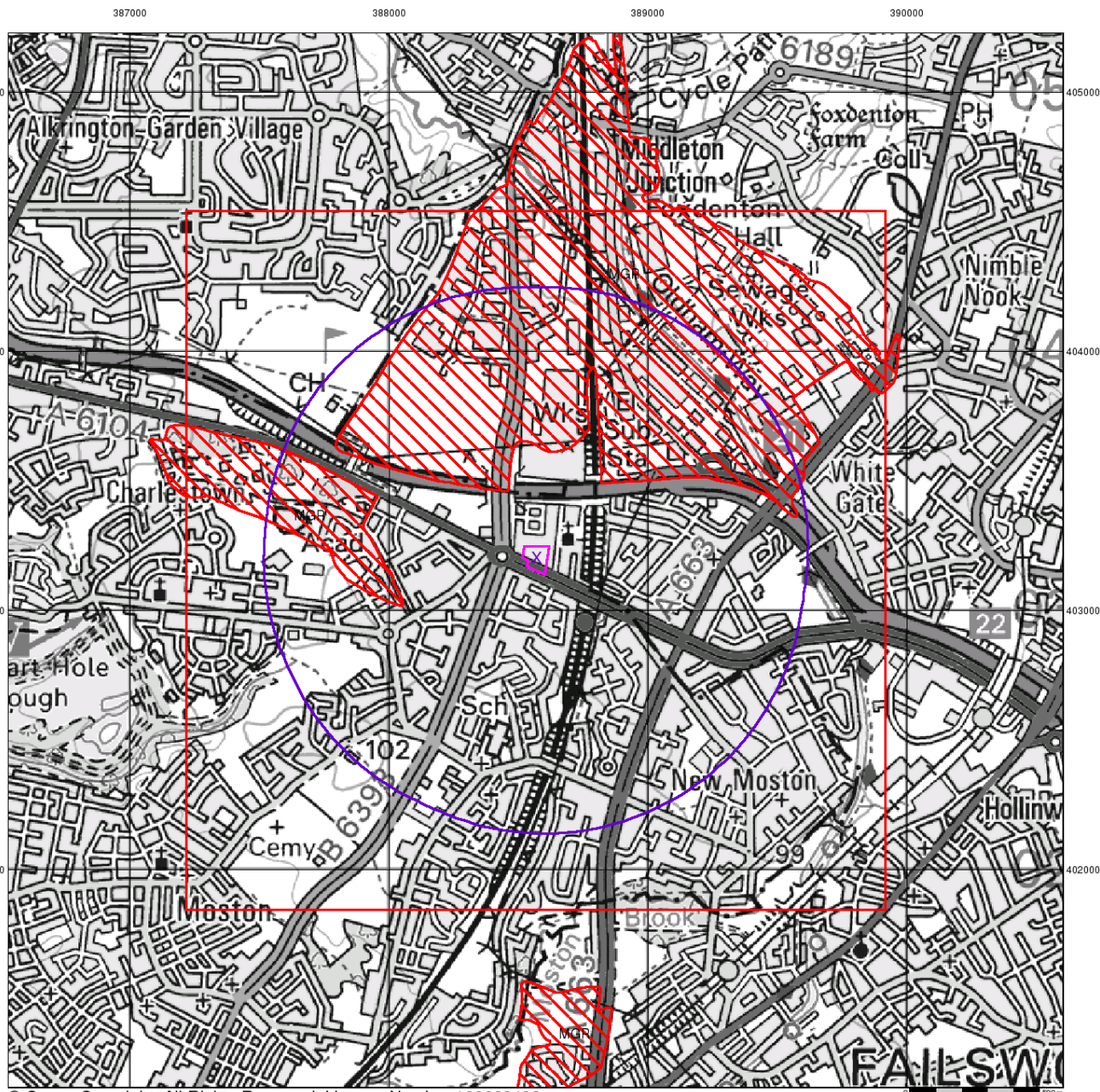
Order Number: 356020297_1_1
 Customer Reference: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details:

440 Hollinwood Avenue, Manchester

Landmark
 INFORMATION GROUP

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



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Artificial Ground and Landslip

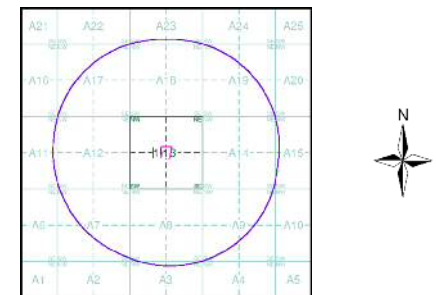
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

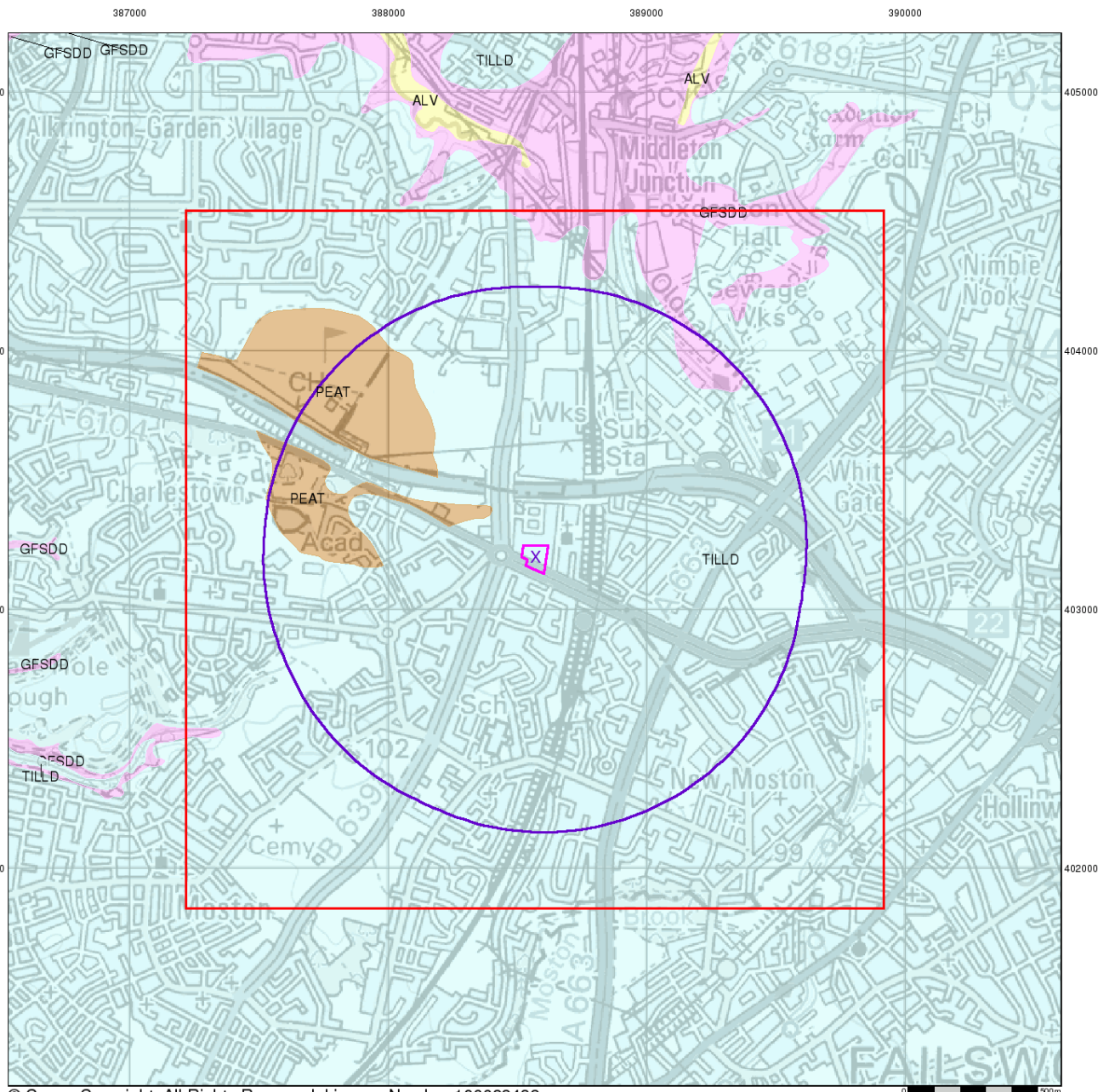
Order Number: 356020297_1_1
 Customer Reference: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
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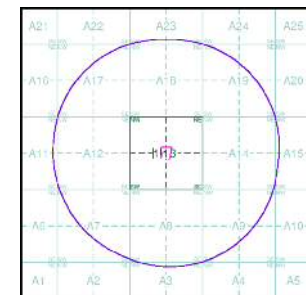
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

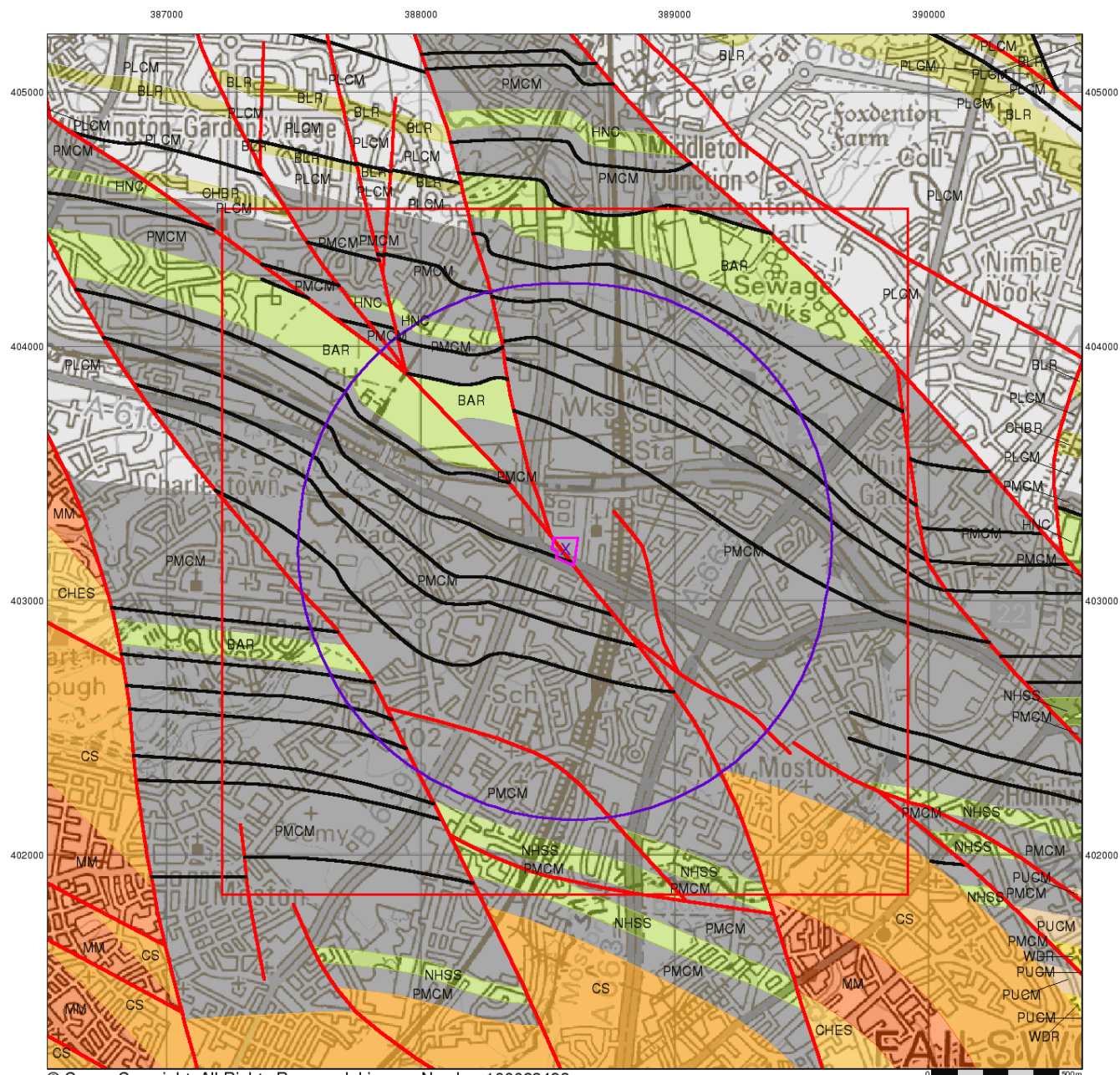
Order Number: 356020297_1_1
 Customer Reference: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

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



Bedrock and Faults

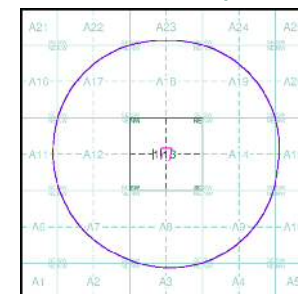
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

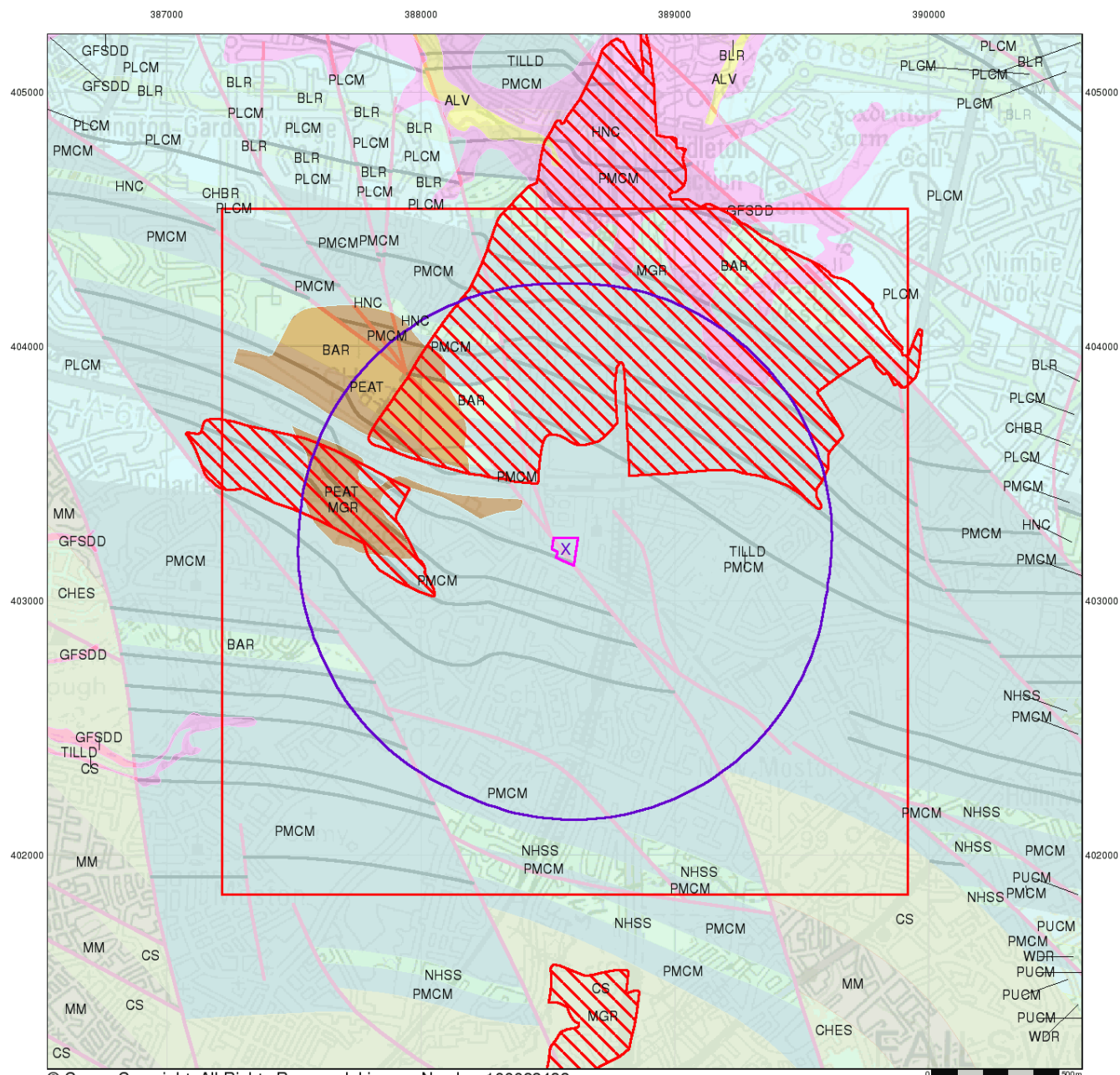
Order Number: 356020297_1_1
 Customer Reference: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

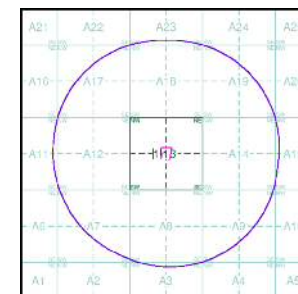
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 356020297_1_1
Customer Reference: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details:

440 Hollinwood Avenue, Manchester



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

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

356020297_1_1

Customer Reference:

24-1990-P

National Grid Reference:

388570, 403200

Slice:

A

Site Area (Ha):

0.81

Search Buffer (m):

1000

Site Details:

440 Hollinwood Avenue
Manchester

Client Details:

Mr S Dempsey
Obsidian Geo-Consulting Ltd
65 Cheswood Drive
Sutton Coldfield
B76 1XU

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
Mining and Natural Cavities Data	1
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
Historical Land Use Information (1:2,500)	-
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
Historical Land Use Information (1:10,000)	3
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
Ground Stability Data (1:50,000)	9
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
Historical Map List	10
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
Data Currency	11
Data Suppliers	12
Useful Contacts	13

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1				2
Coal Mining Affected Areas	pg 1	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 1	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential Mining Areas	pg 1	1	1	3	2
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents	pg 3				2
Mineral Railway	pg 3				1
Mining & quarrying general					
Mining of coal & lignite	pg 3			2	
Quarrying of sand & clay, operation of sand & gravel pits	pg 3			2	3
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 3			4	3
Potentially Infilled Land (Water)	pg 3		9	27	59
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 9	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 9	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Greengate Brickworks Location: Chadderton, Oldham, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15089 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	621	1	388035 403635
2	BGS Recorded Mineral Sites Site Name: Shackcliffe Green Location: Moston, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15088 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SW (W)	899	1	387686 402858
	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.	A13NE (SE)	0	2	388571 403203
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (SE)	0	3	388571 403203
	Non Coal Mining Areas of Great Britain No Hazard				
3	Potential Mining Areas Name: Bower Ceased Operation: 1922 Commodity: Coal; Colonel; Major; Two Feet; Big; Foxholes Reference: 7599 Alternate: Not Supplied Name/Mine: Not Supplied Custodian: Not Supplied	A13NE (SE)	0	4	388571 403203
4	Potential Mining Areas Name: Moston Ceased Operation: 1884 Commodity: Coal; Major; Big; Colonel; Mary; Fox Hole Reference: 2147 Alternate: Nos. 1, 2 Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (W)	15	4	388501 403204
5	Potential Mining Areas Name: Bower Ceased Operation: 1884 Commodity: Coal; Seams unnamed Reference: Not Supplied Alternate: Not Supplied Name/Mine: Not Supplied Custodian: Geo. Heywood Son and Hughes, Queen Street, Oldham.	A13NE (E)	287	4	388903 403200
6	Potential Mining Areas Name: Bower Ceased Operation: 1919 Commodity: Coal; Colonel; Foxholes Reference: Not Supplied Alternate: Not Supplied Name/Mine: Not Supplied Custodian: J. and P. Higson, Crown Buildings, 18 Booth Street, Manchester.	A13NE (E)	287	4	388903 403200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Potential Mining Areas Name: Moston; Old Ceased Operation: Not Supplied Commodity: Coal; Seven Feet Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Divisional Engineer's Office, L.M.S. Railway Co. Ltd., Hunts Bank, Manchester.	A8NE (S)	452	4	388567 402687
8	Potential Mining Areas Name: Moston Ceased Operation: 1915 Commodity: Coal; Foxholes Reference: 6592 Alternate: Nos. 3, 4 Name/Mine: Custodian: Not Supplied	A8SW (S)	860	4	388493 402285
9	Potential Mining Areas Name: Moston Ceased Operation: 1935 Commodity: Coal; Platt Reference: 11843 Alternate: Nos. 3, 4 Name/Mine: Custodian: Not Supplied	A8SW (S)	860	4	388493 402285

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1956	A19NW (NE)	932	-	388975 404109
11	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1956	A18NE (N)	962	-	388712 404206
12	Mineral Railway Use: Not Supplied Date of Mapping: 1848	A17SE (NW)	666	-	388175 403817
13	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1848 - 1956	A8NW (S)	303	-	388512 402850
14	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1848	A8NW (SW)	452	-	388302 402781
15	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1990	A18SW (NW)	369	-	388370 403585
16	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1956	A8NW (S)	465	-	388394 402723
17	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1938 - 1956	A8NE (S)	519	-	388680 402626
18	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1956	A12SW (SW)	781	-	387812 402865
19	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1894 - 1910	A18NE (N)	887	-	388610 404135
20	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1956	A13NW (NW)	252	-	388408 403473
21	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NW (S)	303	-	388512 402850
22	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NW (SW)	452	-	388302 402781
23	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8NW (S)	465	-	388394 402723
24	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12SW (SW)	781	-	387812 402865
25	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A8SW (S)	810	-	388509 402334
26	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18NE (N)	887	-	388621 404135
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NW (NW)	40	-	388516 403287
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SW (S)	77	-	388530 403086
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SE (E)	100	-	388708 403172
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NE (NE)	159	-	388725 403365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13SE (S)	166	-	388580 402974
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NE (N)	205	-	388637 403452
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NW (W)	227	-	388297 403281
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A13NE (N)	228	-	388635 403475
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	242	-	388404 402965
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	268	-	388353 403457
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NE (NE)	272	-	388755 403482
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (NE)	274	-	388749 403488
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	278	-	388358 402953
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	280	-	388377 402937
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (E)	281	-	388898 403259
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SW (N)	302	-	388538 403549
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SE (N)	306	-	388592 403554
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SW (E)	306	-	388908 403114
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (E)	336	-	388953 403248
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	355	-	388202 403405
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	358	-	388264 403497
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	365	-	388535 403612
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NW (NW)	368	-	388254 403502
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12NE (NW)	372	-	388201 403438
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (E)	373	-	388987 403299

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (NE)	385	-	388848 403556
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12SE (W)	403	-	388114 403176
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	414	-	388166 403462
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	425	-	388190 403515
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	442	-	389021 403427
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A18SE (N)	446	-	388664 403691
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8NW (S)	448	-	388416 402731
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14NW (NE)	454	-	389027 403443
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (SE)	463	-	389039 402986
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	465	-	389053 403031
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	492	-	388121 403535
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SW (NE)	520	-	389041 403550
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19SW (NE)	520	-	389037 403555
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SW (N)	526	-	388382 403755
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A18SE (NE)	530	-	388821 403737
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (E)	542	-	389151 403158
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	563	-	388101 403623
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A19SW (NE)	567	-	388988 403677
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SW (E)	568	-	389161 403043
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12SE (W)	574	-	387993 402967
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18SW (N)	588	-	388422 403827

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	613	-	387907 403136
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	636	-	389251 403202
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	648	-	388102 403743
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	649	-	389080 402701
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	652	-	389243 403428
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	656	-	388483 403903
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A19SW (NE)	681	-	389059 403766
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	692	-	388392 402479
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A18NW (N)	699	-	388563 403946
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (NW)	707	-	388259 403905
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SE (SE)	714	-	388883 402482
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SW (NE)	718	-	389140 403740
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SE (E)	720	-	389329 403141
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	731	-	389271 402845
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SE (S)	736	-	388769 402422
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1990	A19SW (NE)	740	-	389123 403788
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	745	-	388282 403953
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19NW (NE)	754	-	388995 403901
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	755	-	388601 402384
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	760	-	388857 402422
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	767	-	388294 403980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	783	-	389323 402836
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	788	-	387776 403504
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	793	-	388269 402419
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	797	-	389322 402797
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	813	-	389100 402496
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	817	-	388471 402332
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NE (SW)	833	-	387893 402636
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	865	-	388502 402279
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	873	-	388730 404114
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	884	-	387792 403749
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	890	-	389210 402488
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7SE (SW)	891	-	388126 402377
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	906	-	389005 404066
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A14SE (E)	913	-	389475 402873
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	918	-	388640 404165
109	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	934	-	388843 404154
110	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A19NW (N)	937	-	388932 404130
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	946	-	387615 402915
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	962	-	388293 404183
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SE (S)	963	-	388793 402195
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	968	-	389457 403729

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9NE (SE)	971	-	389366 402539
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	973	-	388779 402182
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NW (S)	975	-	388487 402170
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NE (S)	983	-	388766 402170
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A23SW (N)	989	-	388291 404210
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A15SW (E)	996	-	389585 402980
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12SW (W)	997	-	387563 402909

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
122	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	175	1	388391 403365
123	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	175	1	388391 403365
124	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	223	1	388457 403462
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
125	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
126	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	136	1	388460 403369
127	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
128	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	388571 403203
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	175	1	388391 403365

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Lancashire And Furness	096_12	1893
Lancashire And Furness	096_16	1893
Lancashire And Furness	096_12	1909
Lancashire And Furness	096_16	1909
Lancashire And Furness	096_12	1932
Lancashire And Furness	096_16	1933
Ordnance Survey Plan	SD8803	1952

The following mapping has been analysed for Historical Land Use Information (1:10,000):

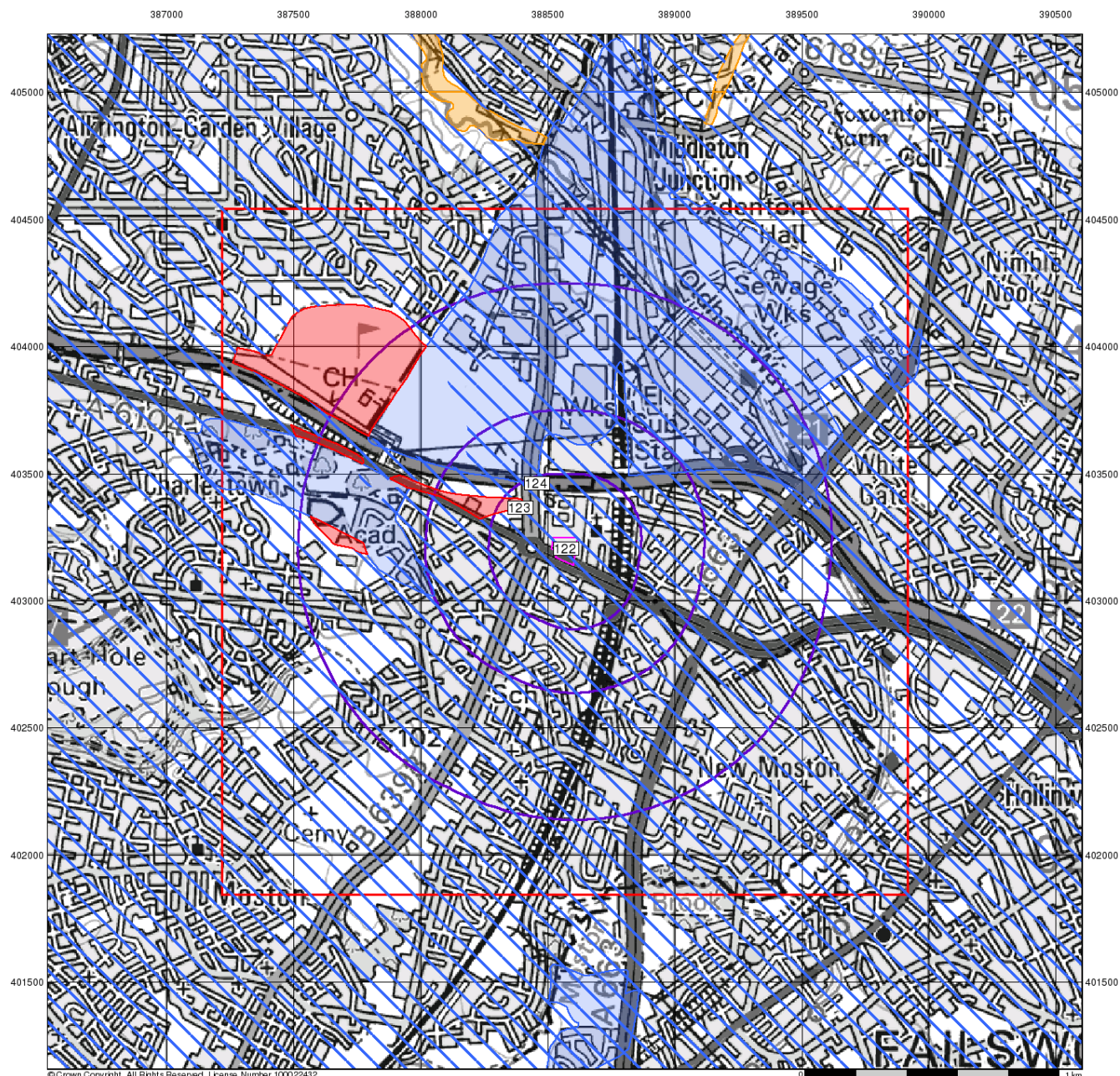
1:10,560	Mapsheet	Published Date
Lancashire And Furness	096_00	1848
Lancashire And Furness	097_00	1848
Yorkshire	270_00	1854
Cheshire	003A_00	1882
Lancashire And Furness	096_SE	1894
Lancashire And Furness	097_SW	1894
Lancashire And Furness	096_SE	1910
Lancashire And Furness	097_SW	1910
Lancashire And Furness	096_SE	1938
Lancashire And Furness	097_SW	1938
Ordnance Survey Plan	SD80SE	1956
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SD80SE	1990

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2023	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2023	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
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
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	 The Coal Authority
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	 wardell armstrong your earth our world
Johnson Poole & Bloomer	

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	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
3	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
-	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



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Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Collapsible Ground Stability Hazards

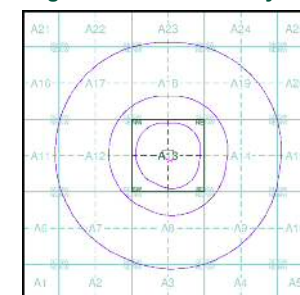
- High
- Low
- Moderate
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

- | Point | Polygon |
|-------|---------|
| | |
| | |

Mining and Ground Stability - Slice A



Order Details

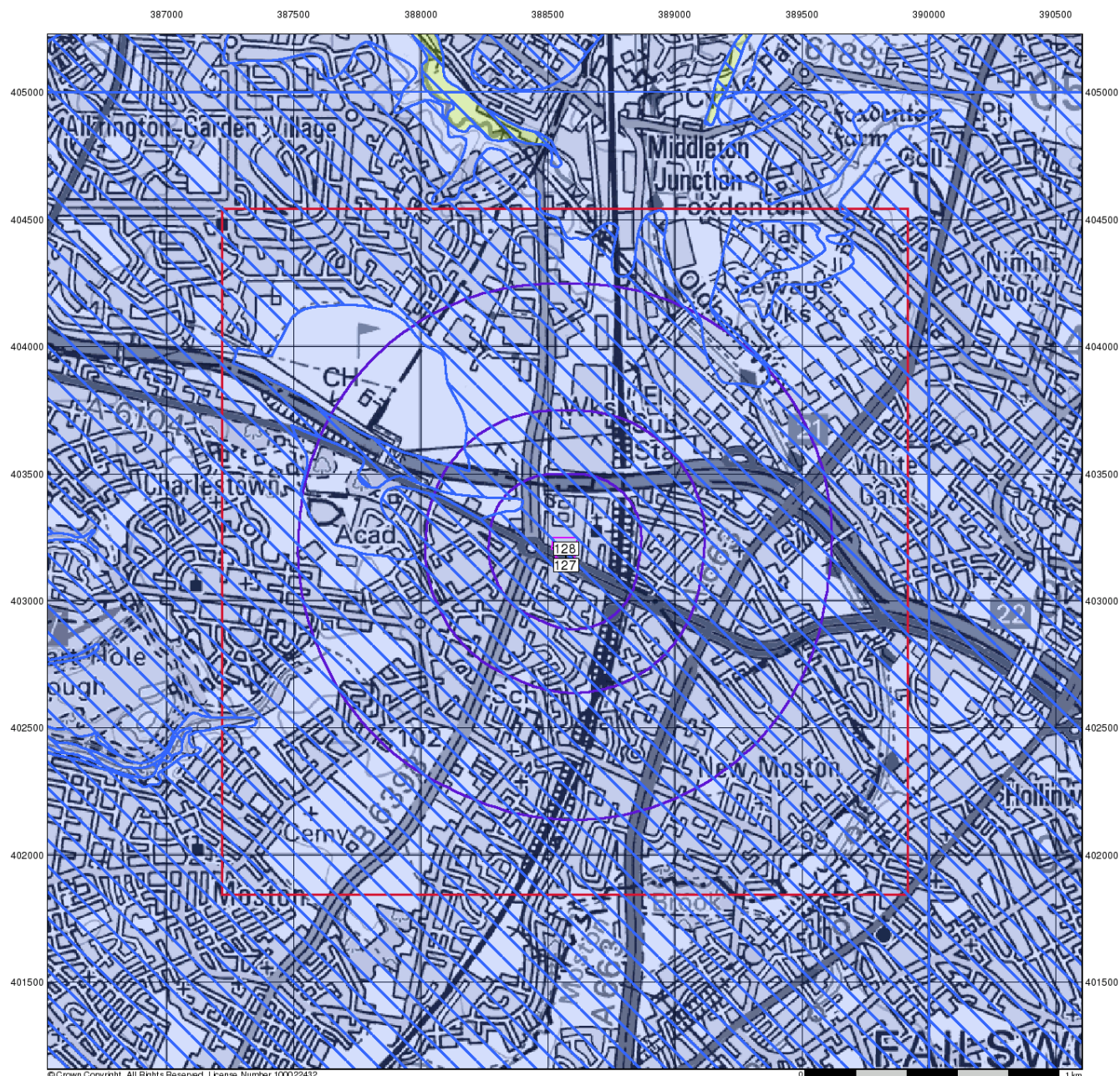
Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



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



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Ground Stability Data (1:50,000)

General

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

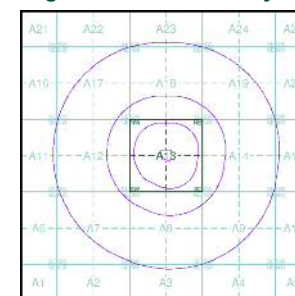
Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

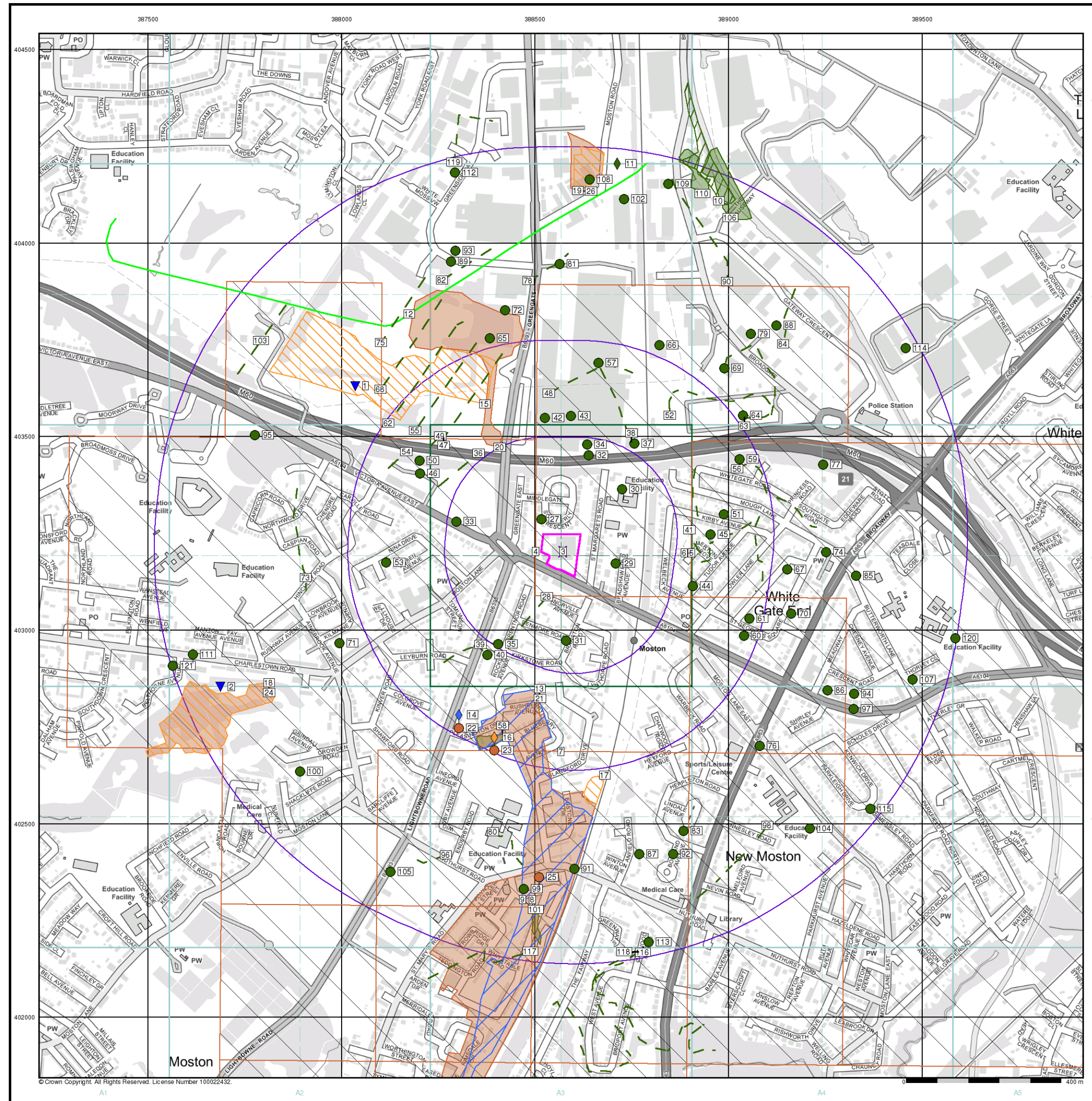
Order Number: 356020297_1_1
 Customer Ref: 24-1990-P
 National Grid Reference: 388570, 403200
 Slice: A
 Site Area (Ha): 0.81
 Search Buffer (m): 1000

Site Details

440 Hollinwood Avenue, Manchester



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



Historical Land Use Information (1:10,000)

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

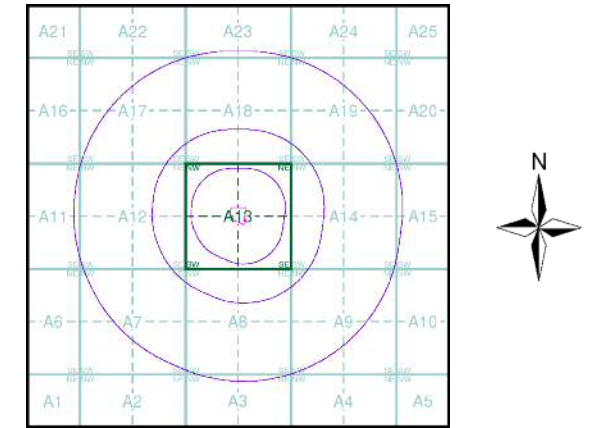
Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

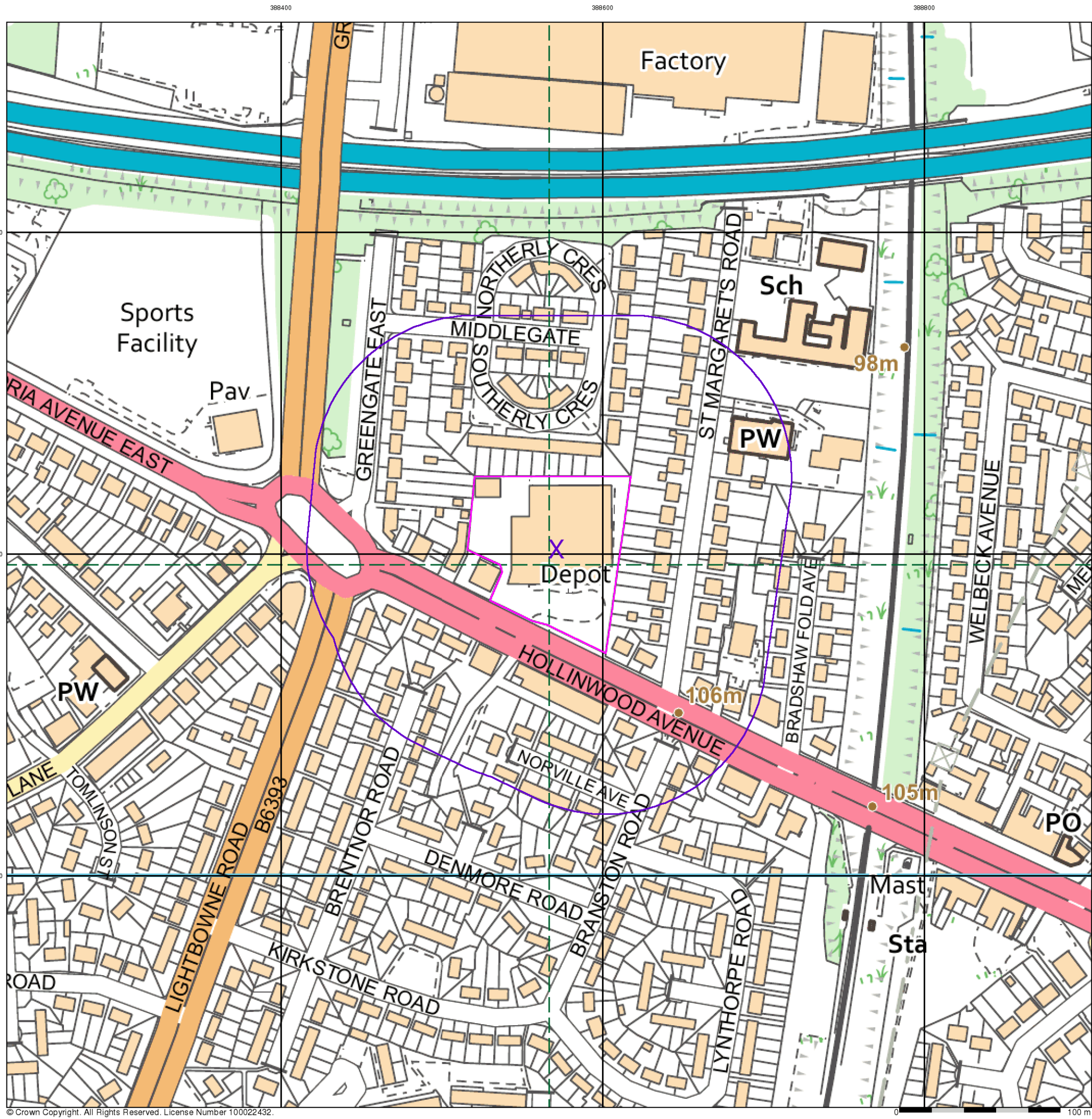
Mining Data
Potential Mining Area
BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details
Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Search Buffer (m): 1000

Site Details
440 Hollinwood Avenue, Manchester



Historical Land Use Information (1:2,500)

General

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

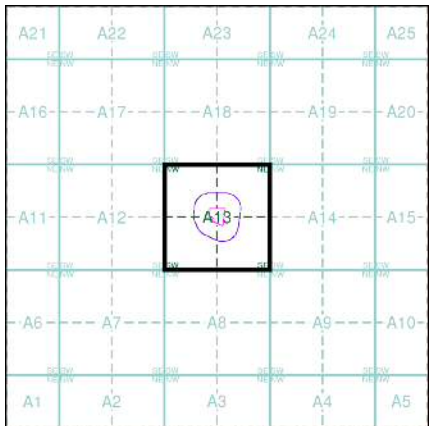
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	---	■

Mining and Ground Stability - Segment A13



Order Details

Order Number: 356020297_1_1
Customer Ref: 24-1990-P
National Grid Reference: 388570, 403200
Slice: A
Site Area (Ha): 0.81
Plot Buffer (m): 100

Site Details

440 Hollinwood Avenue, Manchester



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

Appendix D

Consultants Coal Mining Report



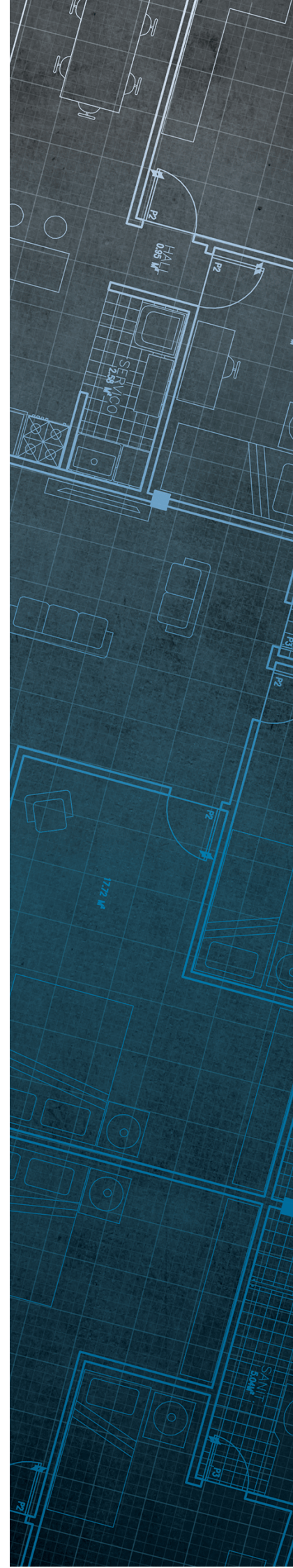


The Coal
Authority

Consultants Coal Mining Report

440 Hollinwood Avenue
Manchester
M40 0AE

Date of enquiry:	24 September 2024
Date enquiry received:	24 September 2024
Issue date:	24 September 2024
Our reference:	51003452078001
Your reference:	24-1990-P



Consultants

Coal Mining Report

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

Client name

Steven Dempsey

Enquiry address

440 Hollinwood Avenue
Manchester
M40 0AE

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

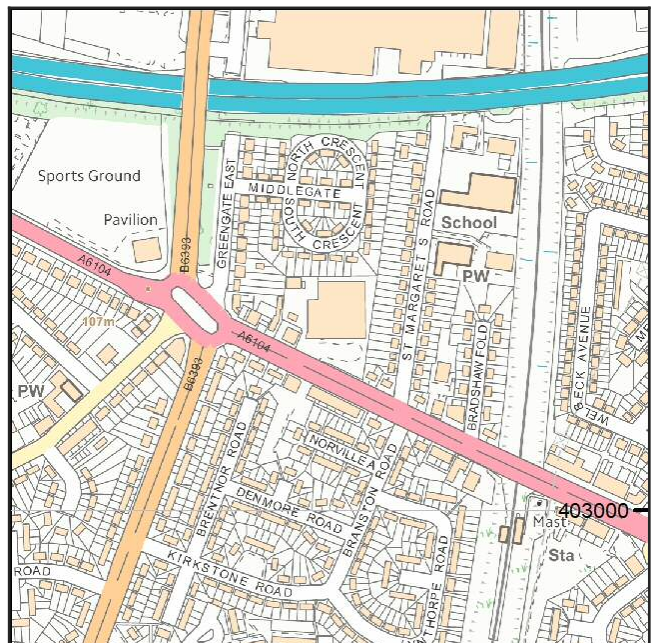
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	ROGER	Coal	3YUT	274	North-East	26.5	South-West	300	1920

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

16820	NW424	7599
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Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
CROMBOUKE	Coal	Yes	Within	N/A	295
ROGER	Coal	Yes	58.7	North-West	290

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Faults under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

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

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Future development

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

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

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

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

Past underground coal mining

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

Probable unrecorded shallow workings

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

Spine roadways at shallow depth

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

Mine entries

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

Abandoned mine plan catalogue numbers

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

Outcrops

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

Geological faults, fissures and breaklines

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

Opencast mines

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

Coal Authority managed tips

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

Site investigations

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

Remediated sites

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

Coal mining subsidence

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

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

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

Mine gas

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

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

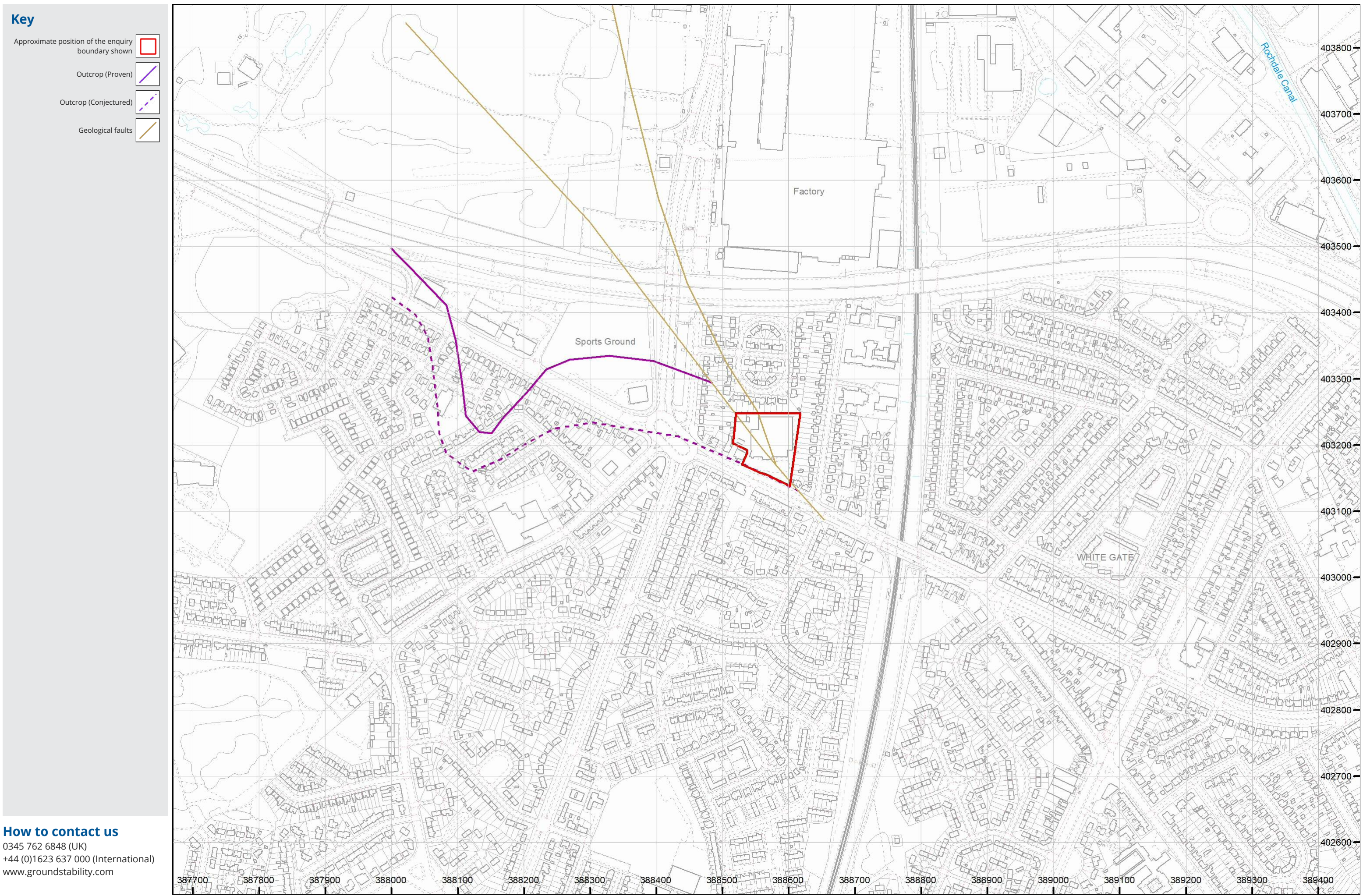
Withdrawal of support notices

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

Payment to owners of former copyhold land

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

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



Appendix E

Preliminary UXO Risk Assessment



Preliminary Unexploded Ordnance (UXO) Risk Assessment

Project Name	440 Hollinwood Avenue, Manchester
Client	Obsidian Geo-Consulting
Site Address	440 Hollinwood Avenue, Manchester, M40 0AE
Report Reference	PA20747-00
Date	1 st October 2024
Author	EG
Quality Assurance	HW

1st Line Defence

3 Maple Park, Essex Road, Hoddesdon. EN11 0EX

Tel +44 (0) 1992 245 020 Email info@1stlinedefence.co.uk

Web www.1stlinedefence.co.uk Company Reg No. 07717863



1ST LINE DEFENCE



Assessment Objective

This preliminary unexploded ordnance (UXO) risk assessment is a qualitative screening exercise to assess the likely potential of encountering UXO at the 440 Hollinwood Avenue, Manchester site. The assessment involves the consideration of the basic factors that affect the potential for UXO to be present at a site as outlined in Stage One of the UXO risk management process.

Background

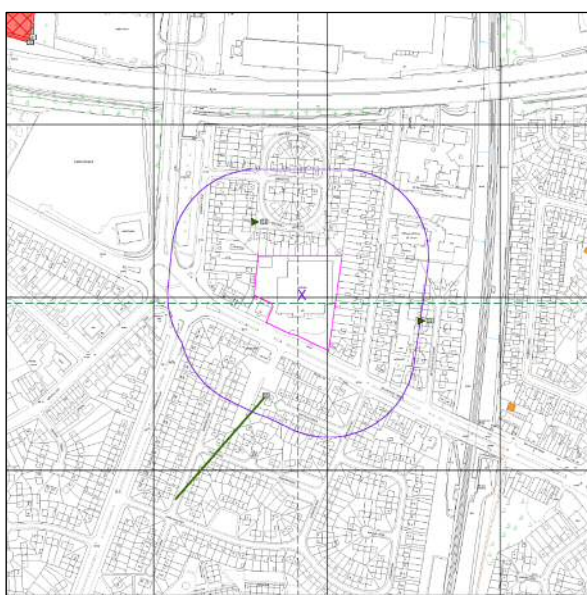
This assessment uses the sources of information available in-house to 1st Line Defence Ltd to enable the placement of a development site in context with events that may have led to the presence of German air-delivered or Allied military UXO. The report will identify any immediate necessity for risk mitigation or additional research in the form of a Detailed UXO Risk Assessment. It makes use of 1st Line Defence's extensive historical archives, library and unique geo-databases, as well as internet resources, and is researched and compiled by UXO specialists and graduate researchers.

The assessment directly follows CIRIA C681 guidelines "Unexploded Ordnance, a Guide for the Construction Industry". The document will therefore assess the following factors:

- Basic Site Data
- Previous Military Use
- Indicators of potential aerial delivered UXO threat
- Consideration of any Mitigating Factors
- Extent of Proposed Intrusive Works
- Any requirement for Further Work

It should be noted that the vast majority of construction sites in the UK will have a low or negligible risk of encountering UXO and should be able to be screened out at this preliminary stage. The report is meant as a common sense 'first step' in the UXO risk management process. The content of the report and conclusions drawn are based on basic, preliminary research using the information available to 1st Line Defence at the time this report was produced. It should be noted that the only way to entirely negate risk from UXO to a project would be to support the works proposed with appropriate UXO risk mitigation measures. It is rarely possible to state that there is absolutely 'no' risk from UXO to a project.

Site Boundary



Risk Assessment Considerations	
Site location and description/current use	<p>The site is located north of Moston, Greater Manchester.</p> <p>Aerial imagery dated 2024, indicates the site is occupied by a large industrial premises and its associated hardstanding storage/parking areas. Areas of vegetation are situated in the north and east of the site. Trees are situated within the south of the site.</p> <p>The site is bordered to the north by residential properties on Middlegate. East of the site are residential properties on St Margaret's Road. South of the site is Hollinwood Avenue / A6104. West of the site are residential properties on Greengate East.</p> <p>The site is approximately centred on the OS grid reference: SD 88574 03222.</p>
Are there any indicators of current/historical military activity on/close to the site?	<p>In-house records do not indicate that the site footprint had any former military use. No features such as WWII defensive positions, encampments or firing ranges are recorded to have been located at or in the immediate vicinity of the site. In addition, no information of ordnance being stored, produced, or disposed of within the proposed site boundary could be found.</p> <p>The closest recorded Heavy Anti-Aircraft (HAA) battery was situated approximately 0.93km south-west of the site, in the vicinity of Broadhurst Park. The range of a fired projectile can be up to 15km. The risk from Anti-Aircraft projectiles is homogenous to the risk from German aerial delivered ordnance.</p>
What was the pre- and post-WWII history of the site?	<p>Pre-WWII OS mapping dated 1938 indicates the site was occupied by Atlas Engineering Works and open ground on <i>Moston Lane</i>. The site was bordered by residential properties on <i>Middlegate</i>. East of the site was open ground. West of the site was <i>Glossop Terrace</i> and residential properties on <i>Greengate</i>.</p> <p>Post-war OS mapping dated 1947 indicates significant residential development to the north of the site on <i>Middlegate</i> and east of the site; with properties labelled on <i>St Margaret's Road</i>. The site was still occupied by an <i>Engineering Works</i>.</p>
Was the area subject to bombing during WWII?	<p>During WWII, the site was situated within the County Borough of Manchester. According to official Home Office bombing statistics this borough sustained an overall low-moderate density of bombing; with an average of 27 items of ordnance per 1,000 acres. This consisted of 712 high explosives (HE) bombs, 18 parachute mines, seven oil bombs and one V-1 pilotless aircraft.</p> <p>Manchester Bomb mapping does not record any bombing incidents on site or immediately bordering the site.</p>
Is there any evidence of bomb damage on/close to the site?	<p>No damage is recorded on site or in the immediate vicinity of the site within available bomb and damage mapping.</p>
To what degree would the site have been subject to access?	<p>As the site was occupied by <i>Atlas Engineering Works</i> it is anticipated the site was subject to regular access throughout the war.</p>
To what degree has the site been developed post-WWII?	<p>Post-war the site is still used as a factory but no longer an engineering works. Currently the site is occupied by a premises which was previously a beverage manufacturers.</p>
What is the nature and extent of the intrusive works proposed?	<p>Information on the scope of works was not available at the time of writing.</p>

Summary and Conclusions

During WWII, the site was situated within the County Borough of Manchester. According to official Home Office bombing statistics this borough sustained an overall low-moderate density of bombing; with an average of 27 items of ordnance per 1,000 acres. Manchester Bomb mapping does not plot any bomb strikes on site. This lack of bombing is corroborated by a lack of major structural changes between pre and post-war OS mapping editions.

As the site was occupied by Atlas Engineering Works, it is considered that, the site would have been subject to a good level of access and observation.

Recommendations

Given the findings of this preliminary report, the risk from UXO is not considered to be significant. Whilst it would be possible to conduct a Detailed UXO Risk Assessment for this site, it is not considered likely that undertaking additional research would significantly change the findings of this report. It is therefore recommended that **no further action** is taken for this site.

If the client has any anecdotal or empirical evidence of UXO risk on site, please contact 1st Line Defence.

It should be noted that although the risk from unexploded ordnance on this site has been assessed as low/minimal, this does not mean there is 'no' risk of encountering UXO. This preliminary report has been undertaken with due diligence, and all reasonable care has been taken to access and analyse relevant historical information. By necessity, when dealing with historical evidence, and when making assessments of UXO risk, various assumptions have to be made which we have discussed and justified within this report. Our reports take a common-sense and practical approach to the assessment of UXO risk, and we strive to be reasonable and pragmatic in our conclusions. As referenced, it would be possible to undertake further research into this site, but based on the evidence to hand, this is not deemed strictly necessary, and no reasonably justifiable requirement for proactive on-site mitigation has been identified.

It should however be stressed that if any suspect items are encountered during the proposed works, 1st Line Defence should be contacted for advice/assistance, and to re-assess the risk as necessary. Furthermore, we would recommend that ground personnel are always made aware of the potential for encountering UXO, what to look out for and what to do in the unlikely event that a suspect item is encountered, and that a UXO Risk Management Plan is put together for the proposed works. We would be happy to provide a template and guidance for this – contact us on 01992 245020. Should the scope of works change or additional works be proposed, 1st Line Defence should be contacted to re-evaluate the risk.

This report has been prepared by 1st Line Defence Limited with all reasonable care and skill. The report contains historical data and information from third party sources. 1st Line Defence Limited has sought to verify the accuracy and comprehensiveness of this information where possible but cannot be held accountable for any inherent errors. Furthermore, whilst every reasonable effort has been made to locate and access all relevant historical information, 1st Line Defence cannot be held responsible for any changes to risk level or mitigation recommendations resulting from documentation or other information which may come to light at a later date.

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1st Line Defence

Unit 3, Maple Park
Essex Road, Hoddesdon
Hertfordshire EN11 0EX

Call +44 (0) 1992 245 020

Email info@1stlinedefence.co.uk

Web www.1stlinedefence.co.uk



1ST LINE DEFENCE



www.obsidian-geoconsulting.co.uk