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Phase I Preliminary Risk Assessment

at

Victory Street,
Manchester

30669-SUT-ZZ-00-RP-G-701-0001 (PHASE 1 REPORT)

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SUTCLIFFE INVESTIGATIONS

Phase I Preliminary Risk Assessment

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Executive Summary

Introduction	Sutcliffe Investigations were instructed by One Manchester Limited to undertake a Phase I Preliminary Risk Assessment (PRA) of the site known as Victory Street, Manchester, M14 5WP.
Aims & Objectives	The Phase 1 PRA is required to assess the ground based environmental and geotechnical risks, development constraints and liabilities associated with the development of the site, required in support of an application for outline planning. This report constitutes a preliminary investigation as defined in BS10175 and contains the following: - Summary of the information obtained from an Envirocheck Report (Report Reference: 231684926_1_1), which is presented in <i>Appendix A</i>. - A preliminary risk assessment of potential environmental risks associated with the proposed redevelopment of the site to identified receptors, following the methodology of CLR11 and their recommendations on contamination reports.
Development Plans	The proposed development for the site is for 4No. two storey houses with gardens and associated car parking facilities. The proposed development is presented as Drawing No: 18-042-0003-A produced by Bowker Sadler Architecture.
Site Location & Description	The site address is located at Victory Street, Manchester, M14 5WP at National Grid Reference (NGR) 385060, 395080. The site is square in shape, and can be accessed via Victory Street to the east of the site. The site is relatively flat and in accordance with the surrounding topography. Bollards are noted along the eastern boundary and dense vegetation including trees are noted along the western boundary. The surfacing predominantly comprises of rough grass and mud. The site is currently undeveloped. The site is approximately 3.33km south east from Manchester City Centre and is surrounded on its western boundary by a recreational ground and school, on its remaining boundaries by residential dwellings with some local amenities and religious facilities.
Site History	Onsite The earliest available historical map (1848) indicated that in the northern and southern parts of the site a building was noted. By the 1891 map edition the southern part of the site only notes to be occupied by a building. By circa 1907 another building is noted along the eastern boundary of the site, which is no longer mapped by circa 1922 to 1923 where another building is noted towards the western boundary. By circa 1949 to 1958 no buildings are mapped, presumed to be demolished, and the site is vacant. The site remains consistent until present day. Note: Upon reviewing the historical information there could be a potential for UXO risk onsite in relation to WWII bomb damage. This is identified through the absence of various buildings between pre WWII historical maps and the next available map post war (circa 1950 to 1957) both onsite and within the surrounding area. Although it is Sutcliffe's professional opinion that UXO potential to have a significant risk to the site is low, it cannot be fully discounted. With the exception of made ground potentially being present on site, no significant identifiable sources of environmental concern were identified. The potential for significant contamination to have arisen at the site as a result of the current and former usage on site is considered to be low. However, the possibility of contamination albeit likely to be localised cannot be discounted. Offsite Several potentially contaminative activities have taken place within 250m of the site, including a brewery, a corporation yard, a depot, slaughterhouses,

	boot and metal polish works, oxygen works, a mica factory, process engineer (textiles), a builder's yard and some unnamed works. Although several potentially contaminative activities have taken place within the surrounding area, the potential for contamination to have a significant risk to the site is deemed as low.
UXO	A review of the Zetica online website confirmed the site, immediate and wider surroundings as a homogenous moderate risk in relation to UXO.
Geotechnical Uncertainty	The site has been subject to previous development and therefore, the potential for relic foundations and obstructions cannot be discounted.
Geology	Artificial - There are no records of any artificial ground onsite however there is one record of artificial ground within 500m of the site located approximately 359m west of the site and is noted as Infilled Ground (Artificial Deposit). Drift - The superficial deposits for the site are noted as Devensian Till (Diamicton). Solid - The solid geology for the site is noted as being Chester Formation (Sandstone).
Hydrogeology	The Bedrock is classified as a Principal Aquifer with the Superficial Deposits classified as Secondary Undifferentiated Strata. There are a total of fourteen groundwater abstraction points listed in the Envirocheck Report within 2000m of the site, however from identifying the licenses numbers and the permit versions it may be likely that several are these are the same groundwater abstraction points. The nearest is located 1404m north-west (license number: 2569007007) related to breweries/wine existing cooling. This license has 8 entries noted within the Envirocheck database, all with the same license number but differing operators and permit versions. The permit start date for this most recent entry was 23rd November 2009, the permit end date is unknown.
Faults	No faults have been identified within the development site boundary or within 500m of the site. No action is required in respect to foundation design.
Radon	According to the Envirocheck Report, the site is not within a radon affected area, as <1% of homes are above the action level. No radon protection measures are necessary in the construction of new dwellings or extensions.
Coal Mining	The site is not within a coal mining area. No further action is required to assess the risks associated with coal mining assets.
Hydrology	There are no surface water features within 250m of the site. No surface abstractions have been identified within 250m radius of the site.
Risk Assessment	The Phase I PRA has not highlighted significant areas of concern and therefore, the site is deemed to be Class 3 – Low Risk.
Conclusions & Recommendations	Based on the findings of the Phase I review, Sutcliffe Investigations do not consider there to be any identifiable significant environmental issues regarding the site. However, there is limited information of the ground for geotechnical properties and as such we would therefore recommend the following sequential works are undertaken: • Submission of this Phase I PRA Report for the benefit of validating the outline planning application. • Commission a Phase II Ground Investigation designed to discharge any contaminated land conditions that may be assigned to the site and allow the design of economic foundation solutions. • Consideration of completion of a UXO desk based risk assessment.

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Drawing No: 18-042-0003-A

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Figure 1 and 2: Site location maps (various scales)

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Figure 4: Preliminary Conceptual Site Model

1 Introduction

1.1 Terms of Reference

Sutcliffe Investigations were instructed by One Manchester Limited to undertake a Phase I Preliminary Risk Assessment (PRA) of the site known as Victory Street, Manchester, M14 5WP (*Figure 1*).

1.2 Proposed Development

The proposed development for the site is for 4No. two storey houses with gardens and associated car parking facilities. The proposed development is presented as *Drawing No: 18-042-0003-A* produced by Bowker Sadler Architecture.

1.3 Legislative Context

The presence of contaminants which may pose a risk to human health and / or the environment is a planning consideration. As part of the planning regime it needs to be considered whether the site is “*suitable for its proposed end use*”. Planning is concerned with the site’s proposed end use, not its current use, where the amount of contamination is required to be low relative to the level of risk.

Section 57 of the Environment Act 1995, adds Part 2A (ss. 78A to 18YC) to the Environmental Protection Act 1990 and contains the legislative framework for identifying and dealing with contaminated land. Where development is undertaken on land which may be affected by contamination, the National Planning Policy Framework, paragraphs 120 to 122 considers pollution and remediation. This links the contaminated land regime within the development process.

For there to be a significant risk requiring further investigation a perceived source (contaminant), a receptor (humans, living organisms or property) and a pathway between them must all be present, resulting in a complete contaminant linkage.

In order to assess whether this is the case, background research is required to obtain relevant information about the site and its surroundings and to assess the findings qualitatively. The scope of the assessment examined whether there is the potential for current and historic soil and/or groundwater contamination to be present, both at and in the vicinity of the site, and to assess significance in terms of the potential to pose a risk to human health, controlled waters, building infrastructure and the wider environment and identify any associated potential liabilities.

Part 2A of the Environmental Protection Act 1990 (“Part 2A”) provides the legislative framework for the contaminated land regime in England, Wales and Scotland. It provides for contaminated land to be identified and dealt with in a risk-based

manner. The *Contaminated Land (England) Regulations 2006* (SI 2006/1380) set out provisions for procedural matters under Part 2A. The 2006 regulations have recently been modified with the introduction of *The Contaminated Land (England) (Amendment) Regulations 2012*, which came into force on 6th April 2012. This includes an amendment to Regulation 3(c) to take account of the updated definition of “controlled waters” in Section 78A(9) of the *Environmental Protection Act 1990*. Section 78A(2) of Part 2A of the EPA 1990 defines contaminated land as “land which appears to the local authority in whose area it is situated to be in such a condition, by reason of substances in, on or under the land, that:

- significant harm is being caused or there is a significant possibility of such harm being caused; or
- pollution of controlled waters is being, or is likely to be caused”.

Contaminated Land Statutory Guidance published in April 2012 provides for a new four category test which is intended to clarify when land does or does not need to be remediated, where Category 1 is deemed as being high risk and Category 4 as being low risk.

1.4 Previous Studies

Sutcliffe's are not aware any previous environmental or geotechnical investigations having been completed on site.

1.5 Objectives & Scope of Works

The Phase 1 PRA is required to assess the ground based environmental and geotechnical risks, development constraints and liabilities associated with the development of the site, required in support of an application for outline planning.

This report will inform the study of any potential contaminated land issues to be identified, assessed and actioned and has been designed to provide sufficient information to satisfy the requirements of National Planning Policy Framework (NPPF) in order to satisfy the aims and objectives of the project.

The report will culminate in the presentation of a Preliminary Conceptual Site Model (CSM) and will include clear robust recommendations for any additional works. These works will be designed to fully assess and mitigate risks, development constraints and abnormalities that may be required in support of a detailed planning application and design of detailed foundation options.

This report constitutes a preliminary investigation as defined in BS10175 and contains the following:

- Summary of the information obtained from an Envirocheck Report (*Report Reference: 231684926_1_1*), which is presented in *Appendix A*.

- A preliminary risk assessment of potential environmental risks associated with the proposed redevelopment of the site to identified receptors, following the methodology of CLR11 and their recommendations on contamination reports, i.e.:
 - *Department for Environment, Food and Rural Affairs and the Environment Agency, 2002. “Model procedures for the management of land contamination” (CLR11).*
 - *Environment Agency, March 2011, “Model Procedures for the Management of Land Contamination – GPLC3 – reporting Checklists”.*
- Recommendations for further investigation/actions if required.

The scope of works was to undertake a Phase I PRA using available information, and to place the site in its environmental context and has included the following:

- a review of available historic maps to determine the land-use history in the context of potentially contaminative activities;
- a review of environmental data relating to the site and its surroundings using a proprietary third-party environmental database;
- desk-based assessment of site geology, hydrogeology and hydrology from published mapping and web-based sources to determine the site's environmental setting and sensitivity;
- a web-based search of the Environment Agency (EA) website and other freely available sources of information to identify any potential issues relating to the site and surrounding areas; and
- provision of a qualitative contaminated land risk assessment based on Source-Pathway-Receptor as per current best practice contained in CLR11¹.

A site inspection was undertaken by a Sutcliffe engineer – Alex Tosh, on the 28th January 2020. No sampling or testing of soils or waters will be undertaken as part of this environmental review. All other information in this report has been obtained via public sources.

¹ *Model Procedures for the Management of Contaminated Land*, Contaminated Land Report 11 (CLR11), EA, September 2004

2 Environmental Review

2.1 Introduction

The information presented within this chapter was compiled based on a site inspection, completed by a suitably qualified Sutcliffe Engineer, and a review of an Envirocheck Report (*Report Reference 231684926_1_1*), presented in *Appendix A*.

2.2 Site Location and Setting

The site address is located at Victory Street, Manchester, M14 5WP at National Grid Reference (NGR) 385060, 39508 (*Figure 1*).

The site is approximately 3.33km south east from Manchester City Centre and is surrounded on its western boundary by a recreational ground and school, on its remaining boundaries by residential dwellings with some local amenities and religious facilities. Location plans of varying scales are presented as *Figures 1 & 2* and an Aerial Photograph is presented as *Figure 3*.

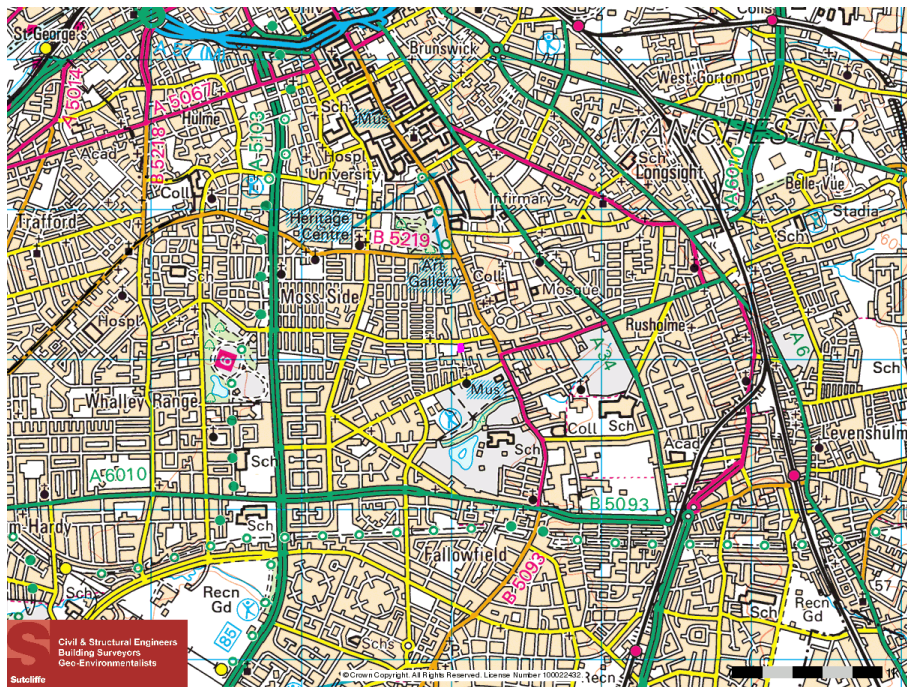


Figure 1: General Location of Site

2.3 Site Description and Walkover

The site is square in shape, and can be accessed via Victory Street to the east of the site. The site is relatively flat and in accordance with the surrounding topography. Bollards are noted along the eastern boundary and dense vegetation including trees are noted along the western boundary. The surfacing predominantly

comprises of rough grass and mud. The site is currently undeveloped. A photographic log of the site is presented as *Appendix B*.

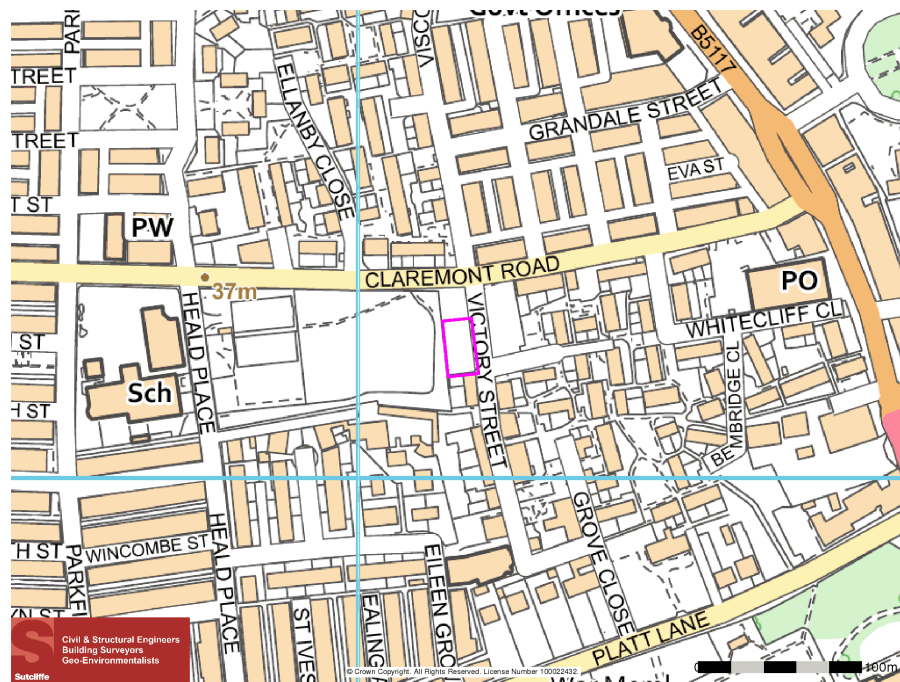


Figure 2: General Site Layout of the Site



Figure 3: Aerial Photograph

2.4 Adjacent Land Uses

Table 2.1 summarises the adjacent land uses.

Table 2.1: Adjacent Land Uses

Direction	Adjacent Land Use
North	Part of recreational ground with Claremont Rd beyond
East	Victory St immediately with residential beyond
South	Residential
West	Recreational ground

2.5 Services

Electric

Received. No services enter the site.

Gas

Received. No services enter the site.

United Utilities

Received. No services enter the site.

All services are presented in *Appendix C*.

2.6 Site History

Historical maps were obtained and reviewed by Sutcliffe Investigations to determine the historical development of the target site. These are presented in *Appendix A*. This enabled an assessment to be made of the potential for contamination associated with former activities, both on-site and in the surrounding areas.

Onsite

The earliest available historical map (1848) indicated that in the northern and southern parts of the site a building was noted. By the 1891 map edition the southern part of the site only notes to be occupied by a building. By circa 1907 a glass house is noted along the eastern boundary of the site, which is no longer mapped by circa 1922 to 1923 where 2No. glass houses are noted towards the

western boundary. By circa 1949 to 1958 no buildings are mapped, presumed to be demolished, and the site is vacant. The site remains consistent until present day.

Note: *Upon reviewing the historical information there could be a potential for UXO risk onsite in relation to WWII bomb damage. This is identified through the absence of various buildings between pre WWII historical maps and the next available map post war (circa 1950 to 1957) both onsite and within the surrounding area. Although it is Sutcliffe's professional opinion that UXO potential to have a significant risk to the site is low, it cannot be fully discounted.*

With the exception of made ground potentially being present on site, no significant identifiable sources of environmental concern were identified. The potential for significant contamination to have arisen at the site as a result of the current and former usage on site is considered to be low. However, the possibility of contamination albeit likely to be localised cannot be discounted.

Offsite

The following pertinent entries of potentially contaminative activities were noted within 250m of the site:

- Riseholme Brewery (with chimneys) located approximately 64m west of the site, mapped from 1891 until circa 1907 where it was annotated as a Bee Brewery and mapped until circa 1908 to 1909;
- A corporation yard located approximately 112m west of the site, mapped from 1891 until circa 1964 to 1992 where it changed into a depot and was mapped until 1989;
- Slaughterhouses located approximately 112m west of the site, mapped from 1891 until circa 1949 to 1958;
- An electricity substation located approximately 230m north-east of the site, mapped from circa 1907 until circa 1964 to 1992;
- Boot and metal polish works located approximately 36m east of the site, mapped from circa 1922 to 1933 until circa 1949 to 1958;
- Oxygen works located approximately 95m north-east of the site, mapped from circa 1949 to 1958 until circa 1964 to 1992;
- A mica factory located approximately 150m north-east of the site, mapped from circa 1949 to 1958 until circa 1964 to 1992;
- Process Engineers (Textile) located approximately 52m east of the site, mapped from circa 1951 to 1987 until circa 1964 to 1992;

- A builder's yard located approximately 168m east of the site, mapped from circa 1951 to 1987 until 1951 to 1958; and
- An unnamed works located approximately 7m west of the site, mapped from circa 1951 to 1987 until circa 1965 to 1968.

Although several potentially contaminative activities have taken place within the surrounding area, the potential for contamination to have a significant risk to the site is deemed as low.

2.7 Environmental Database

A commercial database search (provided by Envirocheck) was obtained to provide further information regarding the site and the surroundings. Relevant information and records are summarised below:

Contaminated Land Entries

The database has no contaminated land entries within 500m of the site.

Environmental Permitted Activities

According to the database there are no current Local Authority Integrated Pollution Prevention and Controls or Local Authority Pollution Prevention and Controls within 500m of the site.

Hazardous Substances Sites

According to the database, there are no COMAH-registered sites, Planning Hazardous Substances Consents or NIHHS sites within 500m of the site.

Substantiated Pollution Incident Register

According to the database, there are no substantiated pollution incidents within 500m of the site.

Landfill Sites

According to the Envirocheck Report there are;

- No Registered Landfill sites within 1000m of the site.
- No Historic Landfill sites within 1000m of the site.
- No records of BGS/DoE Non-operational Landfill sites within 1000m of the site.

Infilled Land

According to the database, there are;

- No potentially infilled land (non-water) within 250m of the site; and
- Seven potentially infilled land (water) within 550m of the site, the closest approximately 94m south-west relating to unknown filled ground (pond, marsh, river, stream, dock etc.)

Waste Management Facilities

The database has recorded four Registered Waste Transfer Sites and no Registered Waste Treatment or Disposal Sites within 500m of the site, the nearest is noted 355m north east of the site although no further details have been provided. The other three were noted between 365 – 466m of the site.

The database has recorded one Licensed Waste Management Facilities (Locations) approximately 868m north-west of the site, referring clinical waste transfer stations located at Manchester Royal Infirmary. The license was surrendered on 24th August 2012.

Radioactive Materials

According to the Envirocheck Report there are no authorisations for radioactive substances in the surrounding area.

Fuel Stations

According to the database there is one petrol or fuel station entries within 500m of the site, located 466m north.

Contemporary Industrial Land Uses

According to the database there are six active and inactive entries located within 250m of the site. The nearest relates to an inactive rubbish clearance facility 116m north of the site.

Underground Pipelines and Transmission Assets

A search of the Linesearch database was undertaken on 27th January 2020. This database lists pipelines owned and/or operated by over 40 pipeline and transmission operators, but not all operators are registered.

According to the database, there are no underground pipelines or transmission assets on the site or within a 25m search radius (*Appendix C*).

2.8 Historical Contamination Potential

Site

Historical maps have indicated that the site was occupied by several buildings and the position and layout of these buildings changed on numerous occasions. Each time, the buildings were presumably demolished. A site walkover has confirmed the land is presently vacant.

Note: *Upon reviewing the historical information there could be a potential for UXO risk onsite in relation to WWII bomb damage. This is identified through the absence of various buildings between pre WWII historical maps and the next available map post war (circa 1950 to 1957) both onsite and within the surrounding area. A review of the Zetica online website confirmed the site, immediate and wider surroundings as a homogenous moderate risk in relation to UXO. Although it is Sutcliffe's professional opinion that UXO potential to have a significant risk to the site is low, it cannot be fully discounted.*

With the exception of made ground potentially being present on site, together with potential demolition material, the potential for significant contamination to have arisen at the site as a result of the current and former usage on site is considered to be low. However, the possibility of contamination albeit likely to be localised cannot be discounted.

Surrounding Area

Although several potentially contaminative activities have taken place within the surrounding area, including the historic boot and metal polish works (36m east) and the unnamed works (7m west), the potential for contamination to have a significant risk to the site is deemed as low.

Therefore, the potential for off-site sources of contamination to impact the site is considered low.

3 Environmental Setting

3.1 Introduction

Desk-based research of the local geology, hydrogeology, hydrology and ecology was carried out in order to establish the potential for migration of contamination onto or away from the site, and to assess the surface water and groundwater sensitivity of the surrounding area. Information was obtained from a number of sources, namely:

- *inspection of the British Geological Survey (BGS) Geology of Britain Viewer²;*
- *examination of the EA's on-line aquifer classification³;*
- *inspection of the MAGIC interactive map service⁴;*
- *a review of online web-based information searches;*
- *review of previous site investigation reports pertaining to the site; and*
- *a review of publicly available information.*

3.2 Geology & Soils

Soils Chemistry – Rural

The environmental database also presents an estimation of the rural background soil chemistry within the site area.

- Arsenic - 15 - 25 mg/kg
- Cadmium - <1.8mg/kg
- Chromium – 60-90mg/kg
- Lead - <100-200mg/kg
- Nickel - 30 - 45 mg/kg

Reference to the data presented suggests that the majority of metals concentrations are generally anticipated to be below current tier 1 assessment criteria in relation to human health effects.

² <http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html>

³ <http://maps.Environment-agency.gov.uk/wiyby/wiybyController>

⁴ <http://magic.defra.gov.uk/>

Artificial Ground

There are no records of any artificial ground onsite however there is one record of artificial ground within 500m of the site located approximately 359m west of the site and is noted as Infilled Ground (Artificial Deposit) .

Superficial Deposits

The superficial deposits for the site are noted as Devensian Till (Diamicton).

Solid Geology

According to the BGS Geology of Britain Viewer and the relevant British Geological Survey (BGS) Solid and Drift Sheets 108 Flint (1999) at a scale of 1:50,000 the following geological succession has been identified (Appendix A).

Table 3.1: Geology

Strata	Description	Age	Rock Type
Solid Geology	Chester Formation	Olenekian	Sandstone

No faults are noted within 500m of the site. No further action is required.

British Geological Society (BGS) Logs / Records

The BGS have recorded one surface mineral working within a 1km radius of the site, located approximately 513m west of the site, however, this working has ceased. Iron ore mining at a rare and localised small scale may have also occurred on site.

Ground Stability

Table 3.2 below summarises the natural hazards information presented in the Envirocheck Report.

Table 3.2: Potential Natural Hazards

Natural Hazard	Hazard Potential
Shrink - Swell Clays	Very Low
Landslides	Very Low
Soluble Rocks	No Hazard
Compressible Deposits	No Hazard
Collapsible Deposits	Very Low
Running Sands	Very Low

3.4 Coal Mining & Brine Subsidence

According to the Envirocheck Report the site does not fall within a coal mining or a brine subsidence area. No further action is required.

3.5 Radon

According to the Envirocheck Report, the site is not within a radon affected area, as <1% of homes are above the action level. No radon protection measures are necessary in the construction of new dwellings or extensions.

3.6 Hydrogeology

The Bedrock is classified as a Principal Aquifer; these are defined as;

“These are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer.”

The Superficial Deposits are classified as Secondary Undifferentiated. This is defined as;

“Has been assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.”

The third-party database and EA website indicate that the site is located within a Groundwater Source Protection Zone (SPZ) III (total catchment) where the total area is needed to support the discharge from the protected groundwater source.

There are a total of fourteen groundwater abstraction points listed in the Envirocheck Report within 2000m of the site, however from identifying the licenses numbers and the permit versions it may be likely that several of these are the same groundwater abstraction points. The nearest is located 1404m north-west (LN: 2569007007) related to breweries/wine existing cooling. This license has 8 entries noted within the Envirocheck database, all with the same license number but differing operators and permit versions. The permit start date for this most recent entry was 23rd November 2009, the permit end date is unknown.

3.7 Hydrology

The following is of note:

- There are no surface water features within 250m of the site.
- There are no recorded pollution incidents to controlled waters listed in the Envirocheck Report within 500m of the site.
- There are no surface water abstractions listed within the Envirocheck Report within 2000m of the site.
- There are no biological quality records noted within the database.
- There are no chemical quality records noted within the database.

3.8 Flood Risk

According to the Envirocheck Report the site is not within 250m of an area at risk from extreme flooding from rivers or sea without defences.

3.9 Sensitive Land Uses

Ecological Receptors

The Envirocheck database was queried to locate Sites of Special Scientific Interest (SSSI), Special Protection Areas (SPAs), Special Areas of Conservation (SACs), Ramsar Sites, National Nature Reserves, Areas of Outstanding Natural Beauty (AONB), National Parks and Local Nature Reserves within 1km of the site.

- There are no Special Areas of Conservation recorded within the database.
- There are no Special Protection Areas recorded within the database.
- There are no Ramsar Areas recorded within the database.
- There are no records of Ancient Woodlands recorded within the database.

- There are no Local Nature Reserves recorded within the database.

Significance of Environmental Setting

The significance of the environmental setting is considered by Sutcliffe Investigations to be as follows:

- **Groundwater [LOW TO MODERATE SENSITIVITY]** – The site is situated in an area of low-moderate sensitivity with respect to groundwater resources due to the presence of a Principal Aquifer and Secondary Undifferentiated Aquifer beneath the site. However, this sensitivity is reduced by the absence of any abstractions (sensitive or otherwise) within the immediate vicinity of the site and the potential absence of any significant contaminative activities known to have taken place on site.
- **Surface Water [LOW SENSITIVITY]** – With respect to surface water resources, the site is considered to be located in a low sensitivity setting.
- **Flood Risk [LOW SENSITIVITY]** – The site is within 250m of an area at risk of extreme flooding from rivers or sea without defences.
- **Sensitive Land Uses [LOW SENSITIVITY]** – With respect to sensitive land uses such as protected habitats, protected sites, protected buildings and sensitive receptors, the site is considered to be located in a low sensitive setting.

4 Preliminary Qualitative Risk Assessment

4.1 Conceptual Site Model (CSM)

A conceptual model is an essential element of any site-specific environmental risk assessment. In this context, they are often simple representations of the hypothesised relationships between sources, pathways and receptors. For the purpose of this report, a basic conceptual model has been developed based on the principles of CLR11 and interpretation of information gathered during the Phase I review. Thus, this allows the identification of potential contaminant linkages and whether these linkages have the potential to comprise significant harm and/or pollution of controlled waters in relation to the site. Based on this interpretation, the implications for potential liability associated with soil or water contamination at the site can be evaluated.

- **SOURCES** – the identification of contaminants within the soils and groundwater that represent potential pollution sources;
- **PATHWAYS** – the identification of the potential exposure mechanisms and migration pathways from the potential sources; and
- **RECEPTORS** – the identification of the potential receptors that could be sensitive to harm if exposed to these pollution sources.

Collectively, each of these scenarios would be considered a potential pollutant linkage that may require further assessment.

A preliminary conceptual model is presented below (*Table 4.5*) in accordance with the guidance outlined within CLR11.

Identification of Potential Sources

Based on the information from the desk study, historical maps, published information, and a site walkover a summary of potential contaminant sources is provided in *Table 4.1*.

Table 4.1: Potential Sources

Reference	Potential Sources (Onsite)	Potential Contaminants
S1 – Onsite	Made Ground (including demolition material)	All metals, fuel, TPH, , PAHs, asbestos and localised ground gas.

Although several potentially contaminative activities have taken place within the surrounding area, including the historic boot and metal polish works (36m east) and

the unnamed works (7m west), the potential for contamination to have a significant risk to the site is deemed as low.

Therefore, the potential for off-site sources of contamination to impact the site is considered low.

Potential Exposure Pathways

Exposure pathways are the potential routes and mechanisms by which potential on-site sources could be linked to the identified potential receptors and thereby expose them to potential harm. **Only plausible pathways need be considered.**

The following potential exposure pathways have been identified at the site:

Table 4.2: Potential Pathway

Ref	Pathway	Description
P1	Direct contact with potential contaminants.	Dermal absorption, ingestion and inhalation of contaminants via direct contact.
P2	Ingestion of potential contaminants.	Construction workers may come into contact during the site works, however this will be for a short time and therefore limited exposure will occur. PPE can be used and worn as a precaution to reduce the risk.
P3	Inhalation of potential contaminants.	
P4	Leaching and migration of contaminants.	Leaching of possible contaminants could migrate into the underlying Principal Aquifer via shallow groundwater. On site drainage is also at risk from shallow contamination, if present.
P5	Vertical and lateral migration of ground gases / vapours.	There is the potential for contaminants to be present on the site, which could generate ground gas & vapours on site.

Potential Receptors

Based on the site's environmental setting and the proposed future end use of the area following redevelopment, the following potential receptors have been identified:

Table 4.3: Potential Receptors

Ref	Receptor	Description
R1	Current & future site users	Site users; personnel, general workers and maintenance workers,
R2	Construction Workers	Contractors working on the development of the site. Construction workers, maintenance workers or other personnel who may be directly exposed to contaminated materials in the course of their activities).
R3	Controlled Waters	Principal and Secondary Undifferentiated Strata and on site drainage
R4	Adjacent Site Users	Adjacent site users. Third-party land (i.e. the possibility of contamination migrating off-site onto third party land via contaminated groundwater, surface water run-off).
R5	Infrastructure / Buried services	Proposed buildings and buried services

NOTE: ground workers (i.e. If the site was redeveloped, any associated activities may bring site personnel and construction workers into contact with potentially contaminative materials, however, it is considered that the risks to workers will be short term and could be controlled by safe working procedures.

Potential Contaminant Linkages

In order for there to be a plausible contaminant linkage there must be a source, receptor and pathway and a feasible linkage between them (a contaminant linkage). Consequently, even where a contaminant is identified, if there is no pathway for the contamination to reach a receptor, or no receptor then there can be no significant risk and remedial actions are not required. Central to this risk assessment process is the development of a 'conceptual model'. This is a descriptive and/or pictorial representation of the area of potential contamination, the surrounding environment and the processes acting on the contaminants by which they can move and come into contact with receptors (e.g. by leaching and migration into groundwater).

Production of a conceptual model requires an assessment of risk to be made. Risk is a combination of the likelihood of an event occurring and the magnitude of its consequences. Therefore, in order to assess risk both the likelihood and the consequences of an event must be taken into account. This report adopts the methodology for risk evaluation presented in CIRIA report C552 'Contaminated Land Risk Assessment – A Guide to Good Practice', 2001. The method is qualitative and involves the classification of the following:

- the magnitude of the potential severity or consequence of the risk occurring;
- the magnitude of the likelihood or probability of the risk occurring; and
- once the likelihood of an event occurring and its severity have been classified, a risk category can be assigned using *Table 4.4*

		Table 4.4: Risk Assessment Matrix			
		Consequence			
		Severe	Medium	Mild	Minor
Likelihood of Occurrence	High	Very High	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/Low	Low
	Low	Moderate	Moderate/Low	Low	Very Low
	Unlikely	Moderate/Low	Low	Very Low	Very Low

Sutcliffe has devised a conceptual model based on the information obtained to date through the desk-based study and future residential usage of the site. This is detailed in tabular format in *Table 4.5* and pictorially in *Figure 4*.

Table 4.5: Preliminary Conceptual Site Model

1. Hazard Identification		2. Hazard Assessment				3. Risk Estimation		4. Risk Evaluation	5. Managing the Risk
Contaminant Source		Pathway		Receptor		Consequence of risk being realised	Probability of risk being realised	Classification	Action required
S1	Made Ground (including demolition material)	P1	Dermal contact	R1/2	Site users	Medium	Low	Moderate / Low	It is possible that harm could arise to a designated receptor from an identified hazard. Investigation is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
		P2	Ingestion of soil / soil dust	R1/2	Site users	Medium	Low	Moderate / Low	
		P3	Inhalation of vapours / soil gas	R1/2	Site users	Severe	Unlikely	Moderate / Low	
		P4	Leaching and migration of contaminants	R3/5	Principal aquifer	Medium	Low	Moderate / Low	
		P5	Lateral migration of soil gas / vapours	R1	Site users	Severe	Unlikely	Moderate / Low	
				R4	Property	Severe	Unlikely	Moderate / Low	

Potential contaminant linkages that have been identified as moderate or higher will need to be assessed further. This can be in the form of additional research into the actual plausibility of the contaminant linkage or by the actual site measurements. This can be in the form of soil sampling and vapour monitoring to assess the actual conditions.

5 Conclusions and Recommendations

5.1 Introduction

Sutcliffe Investigations were instructed One Manchester Limited, to provide a Phase I PRA report. The purpose of the report is to generate preliminary environmental assessment data for submission with an outline planning application for redevelopment of the site.

This comprised a review of the Phase I PRA data, collection of environmental information and reports undertaken on the site.

5.2 Environmental Risk Assessment Findings

The site is square in shape and is surrounded on its western boundary by a recreational ground and school. On its remaining boundaries by residential dwellings with some local amenities and religious facilities. The site is currently undeveloped. The development history of the site has not identified a significant source of environmental concern, and information contained within the environmental database has not highlighted any major concerns. The site is underlain by a Principal Aquifer for the bedrock, with Secondary Undifferentiated Stratum for the superficial deposits.

Taking the above into account, it is considered that there is a low potential for significant contamination to be present, however it is considered that localised contamination that may represent a risk to long term human health and also with the potential for leaching of contaminants into controlled waters may be present. Consequently the environmental risk setting for the site is considered to be low.

5.3 Classification and Land Use Risk

The site can be accessed via Victory Street to the east of the site. The site is relatively flat and in accordance with the surrounding topography. The surfacing predominantly comprises of rough grass and mud. dense vegetation including trees are noted along the western boundary.

Historical maps indicate that off-site the surrounding land comprised several industrial land uses to include a brewery, a corporation yard, slaughterhouses, an electricity substation, boot and metal polish works, oxygen works, a mica factory, process engineers (textile), a builder's yard and some unnamed works. Over time the surrounding land was increasingly built up with residential properties in all surrounding areas of the site.

The classification of risk is as follows:

- Class 1 Area: Potential for High levels of contamination and migration of contamination off the site;
- Class 2 Area: Potential for Medium levels of contamination and migration of contamination off site;
- Class 3 Area: Potential for Low levels of contamination and migration of contamination off site; and
- Class 4 Area: Potential for limited contamination.

However, the Phase I PRA has not highlighted significant areas of concern and therefore, the site is deemed to be Class 3 – Low Risk.

5.3 Geotechnical Uncertainty

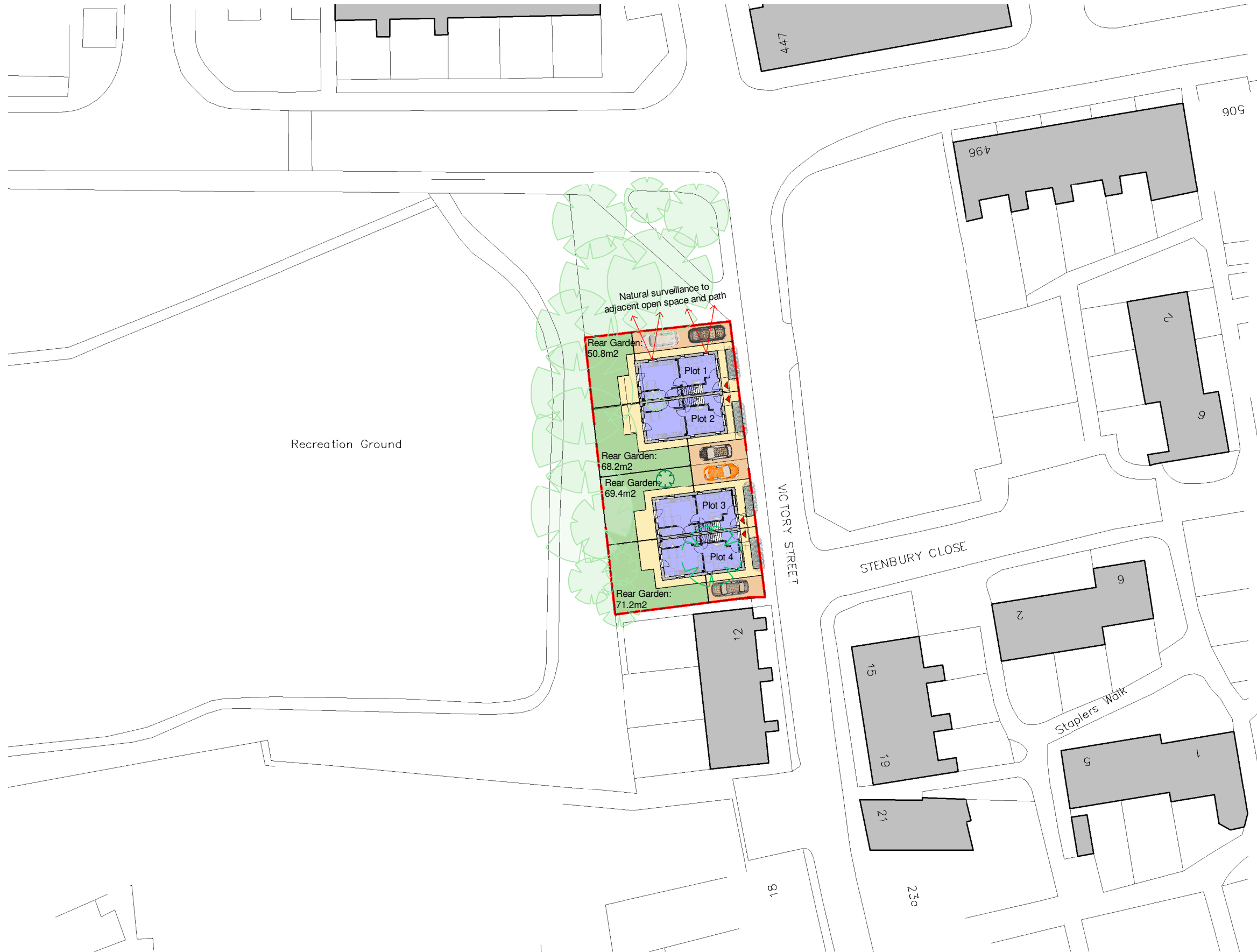
The site has been subject to previous development and therefore, the potential for relic foundations and obstructions cannot be discounted.

5.4 Conclusions and Recommendations

Based on the findings of the Phase I PRA review, Sutcliffe Investigations do not consider there to be any identifiable significant environmental issues regarding the site. However, there is limited information of the ground for geotechnical properties and as such we would therefore recommend the following sequential works are undertaken:

- Submission of this Phase I PRA Report for the benefit of validating the outline planning application.
- Commission a Phase II Ground Investigation designed to discharge any contaminated land conditions that may be assigned to the site and allow the design of economic foundation solutions.
- Consideration of completion of a UXO desk based risk assessment.

Drawings: *Drawing No: 18-042-0003-A*



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A 17.01.19 DC Scale 1:500, plots indicated, plot setting adjusted, existing trees indicated CL

REV.	DATE	DRN.	CHKD.	
PROJECT				
Victory Street, Rusholme				
CLIENT				
One Manchester				
DRAWING				
Site A, Sketch Layout				
SCALE	SHEET SIZE	DRAWN	CHECKED	DATE
1 : 500	@ A3	DC	CL	17/01/19

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JOB No	DRAWING No	REVISION
18-042	0003	A
STATUS		Feasibility

Appendix A: Envirocheck Report (*Report Reference: 231684926_1_1*)

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

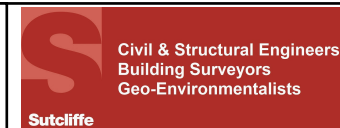
Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

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
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	SSA	Shirdley Hill Sand Formation	Sand	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	CHES	Chester Formation	Sandstone, Pebbly (Gravelly)	Not Supplied - Olenekian
	WLSF	Wilmslow Sandstone Formation	Sandstone	Not Supplied - Early Triassic
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisuralian
	HA	Halesowen Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	GML	Great Mine Limestone	Limestone	Not Supplied - Westphalian
	ETM	Etruria Formation	Sandstone and Mudstone	Not Supplied - Westphalian
		Faults		



Geology 1:50,000 Maps

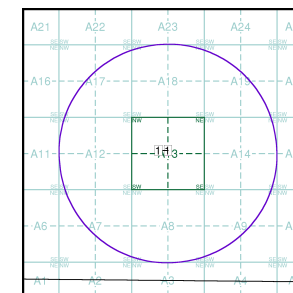
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

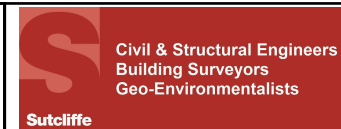
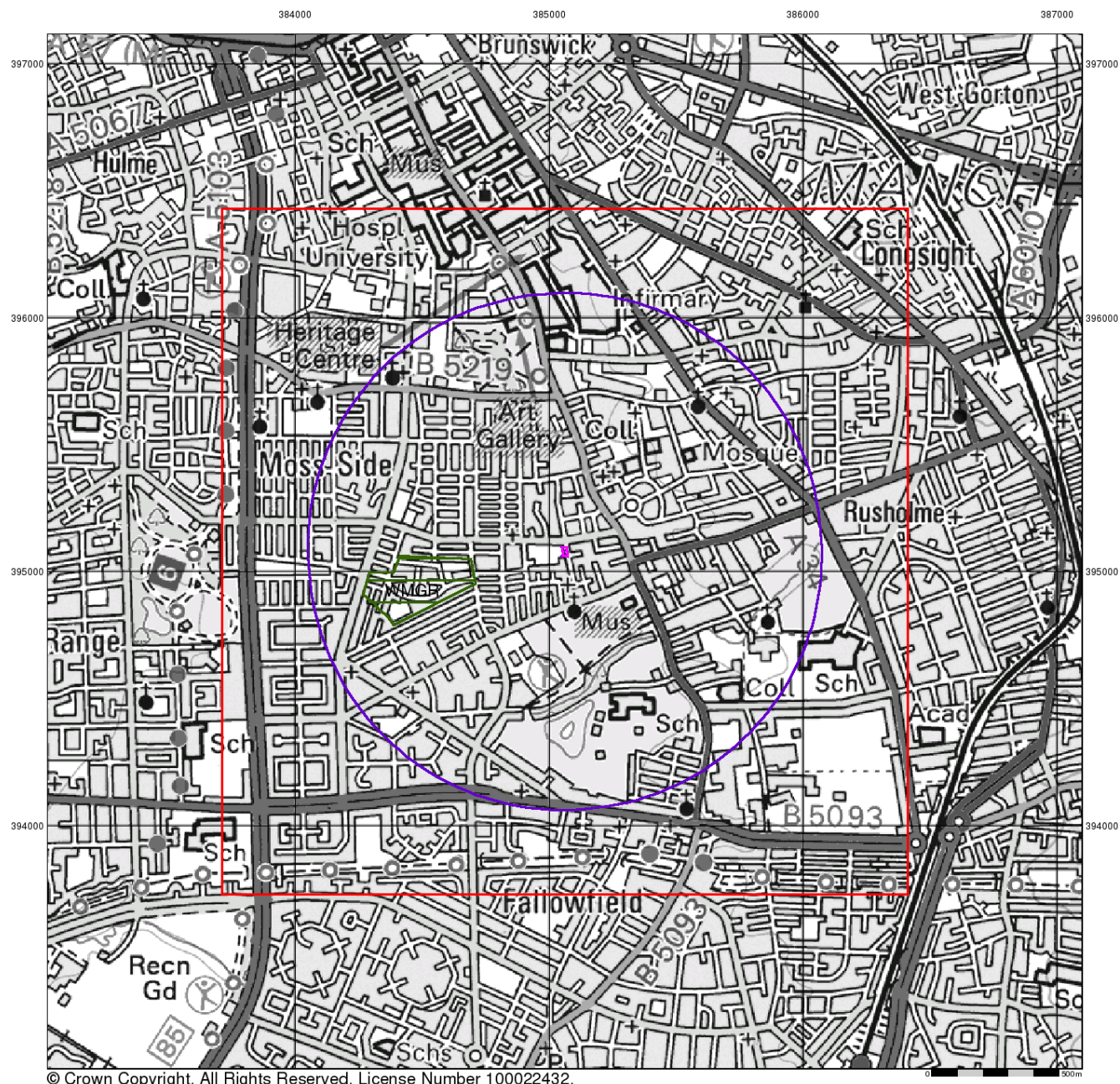


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Customer Reference:	LG: 30669
National Grid Reference:	385060, 395080
Slice:	A
Site Area (Ha):	0.07
Search Buffer (m):	1000

Site Details:

Victory Street, MANCHESTER, M14 5AE



Artificial Ground and Landslip

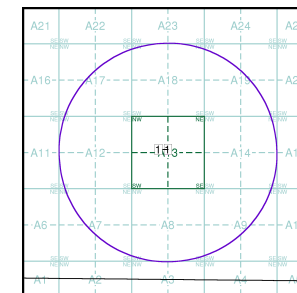
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



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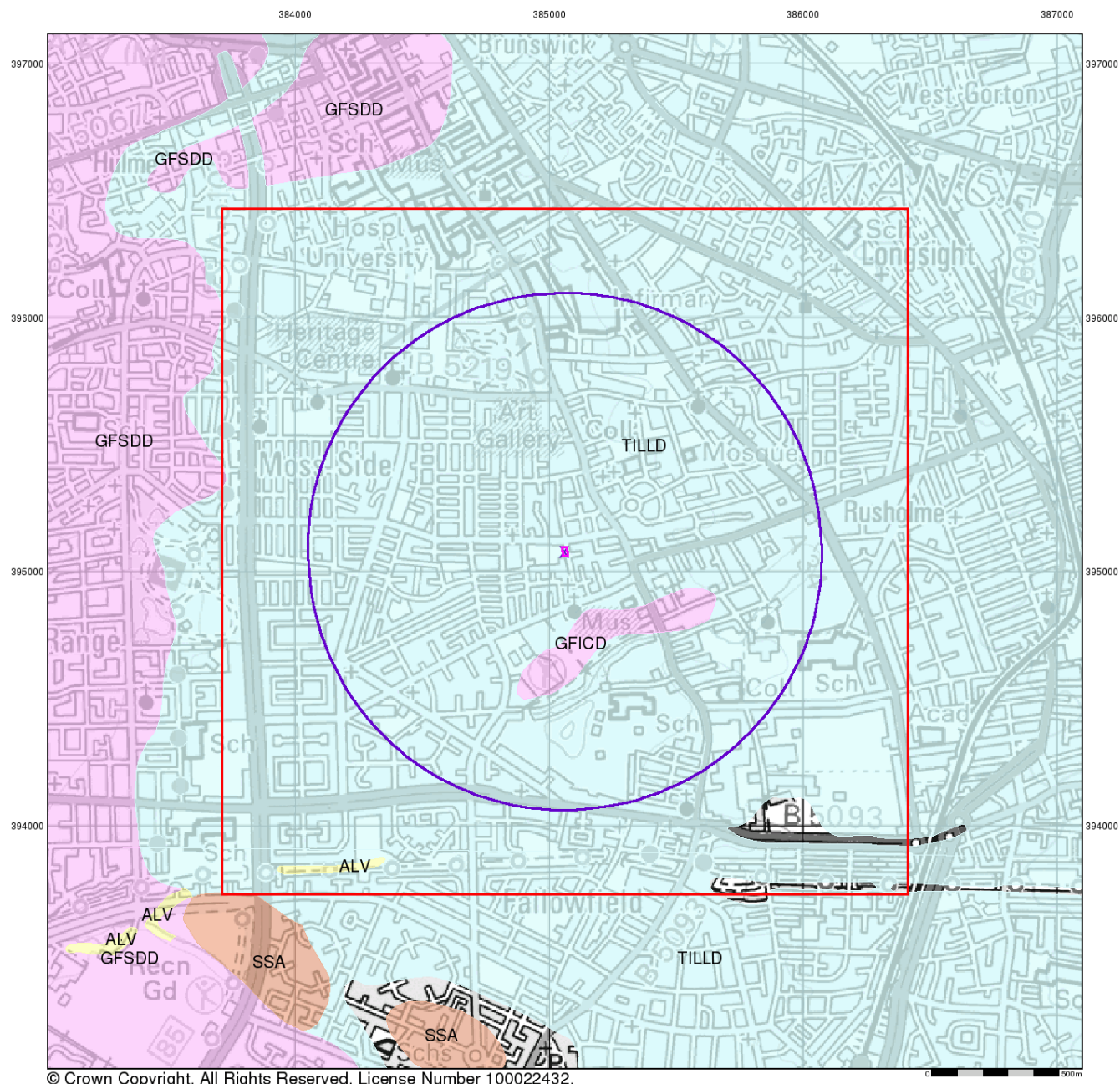
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 National Grid Reference: 385060, 395080
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details:

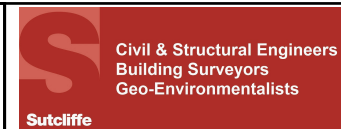
Victory Street, MANCHESTER, M14 5AE

Landmark
 INFORMATION GROUP

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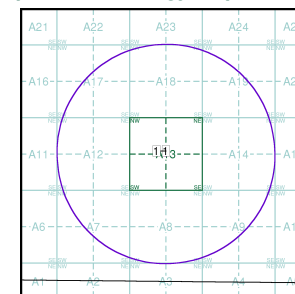
Superficial Geology

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:

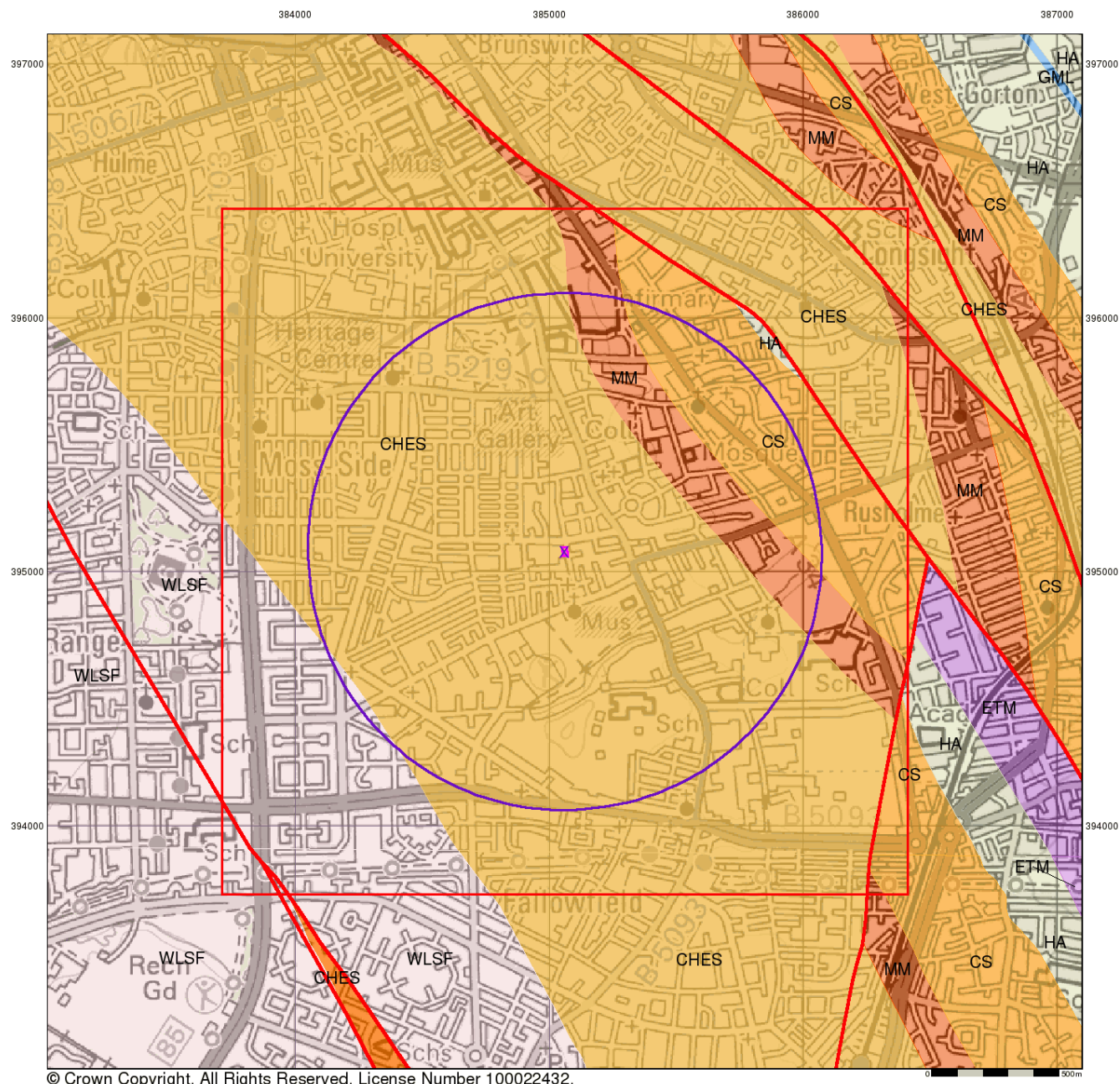
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 Customer Reference: LG: 30669
 National Grid Reference: 385060, 395080
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details:

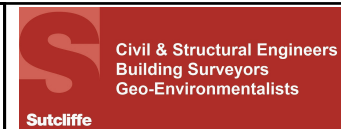
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Bedrock and Faults

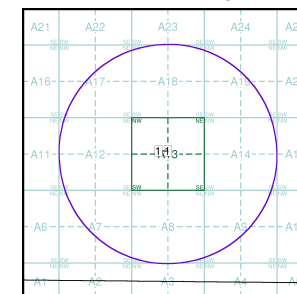
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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



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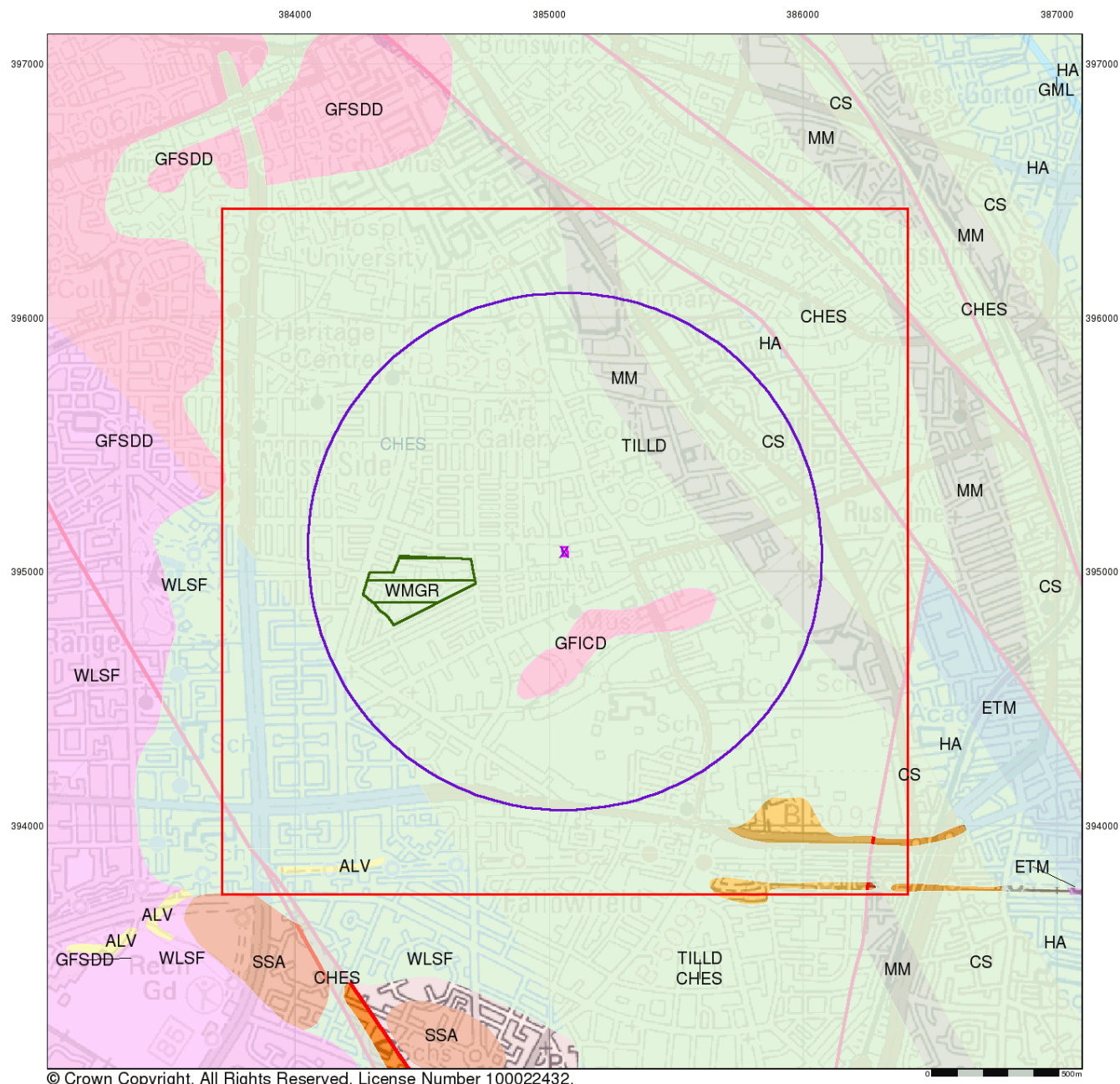
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Customer Reference: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details:

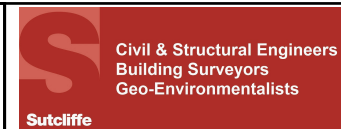
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Combined Surface Geology

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.

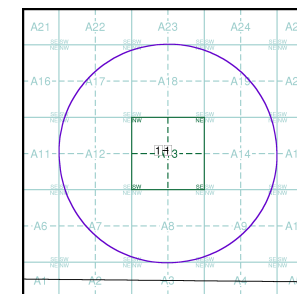
Additional Information

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: 231684926_1_1
Customer Reference: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details:

Victory Street, MANCHESTER, M14 5AE



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit

Sand Pit

Other Pits

Quarry

Shingle

Orchard

Osiers

Reeds

Marsh

Mixed Wood

Deciduous

Brushwood

Fir

Furze

Rough Pasture

Arrow denotes flow of water

Trigonometrical Station

Site of Antiquities

Bench Mark

Pump, Guide Post, Signal Post

Well, Spring, Boundary Post

-285 Surface Level

Sketched Contour

Instrumental Contour

Main Roads

Minor Roads

Sunken Road

Raised Road

Road over Railway

Railway over River

Railway over Road

Level Crossing

Road over River or Canal

Road over Stream

County Boundary (Geographical)

County & Civil Parish Boundary

Administrative County & Civil Parish Boundary

County Borough Boundary (England)

County Borough 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

Coppice

Bracken

Heath

Rough Grassland

Marsh

Reeds

Saltings

Building

Glasshouse

Sloping Masonry

Pylon

Electricity Transmission Line

Pole

Cutting

Embankment

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
Shown only when not coincident with other boundaries

Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	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

Overhead detail

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

MHW(S) Mean high water (springs)

MLW(S) 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

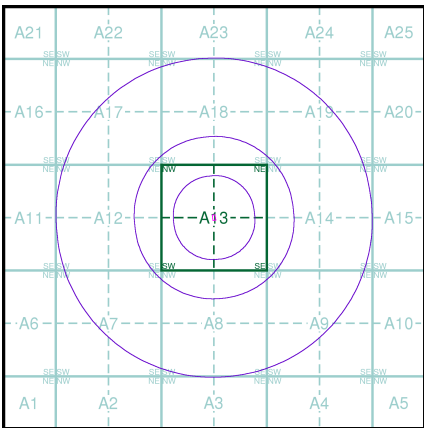
Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894 - 1896	5
Lancashire And Furness	1:10,560	1908 - 1909	6
Lancashire And Furness	1:10,560	1923	7
Lancashire And Furness	1:10,560	1932 - 1934	8
Lancashire And Furness	1:10,560	1938	9
Ordnance Survey Plan	1:10,000	1955 - 1956	10
Ordnance Survey Plan	1:10,000	1965 - 1968	11
Ordnance Survey Plan	1:10,000	1972 - 1976	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1980 - 1985	14
Ordnance Survey Plan	1:10,000	1985 - 1989	15
Ordnance Survey Plan	1:10,000	1989	16
Ordnance Survey Plan	1:10,000	1990 - 1994	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2019	20

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
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Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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Landmark

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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 Small Bridge 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 Water Level Mark

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

SJ89_Manchester

No.	Description
160	Police Station/Headquarters

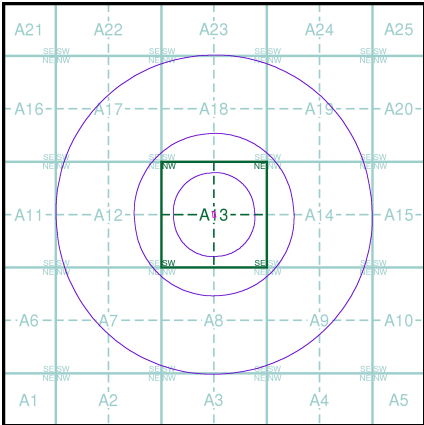
Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894 - 1896	5
Lancashire And Furness	1:10,560	1908 - 1909	6
Lancashire And Furness	1:10,560	1923	7
Lancashire And Furness	1:10,560	1932 - 1934	8
Lancashire And Furness	1:10,560	1938	9
Ordnance Survey Plan	1:10,000	1955 - 1956	10
Ordnance Survey Plan	1:10,000	1965 - 1968	11
Ordnance Survey Plan	1:10,000	1972 - 1976	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1980 - 1985	14
Ordnance Survey Plan	1:10,000	1985 - 1989	15
Ordnance Survey Plan	1:10,000	1989	16
Ordnance Survey Plan	1:10,000	1990 - 1994	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2019	20

Russian Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

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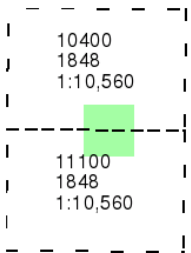
Lancashire And Furness

Published 1848

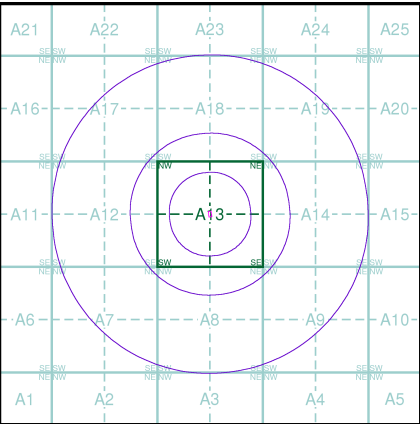
Source map scale - 1:10,560

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: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

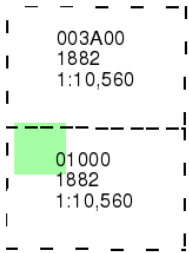
Cheshire

Published 1882

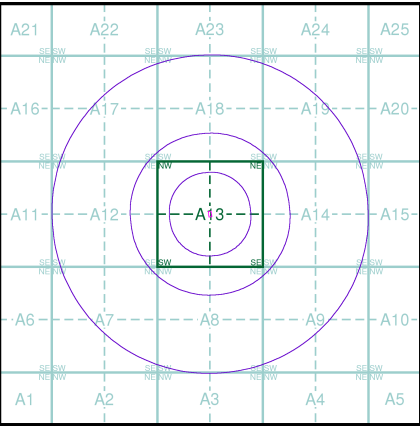
Source map scale - 1:10,560

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

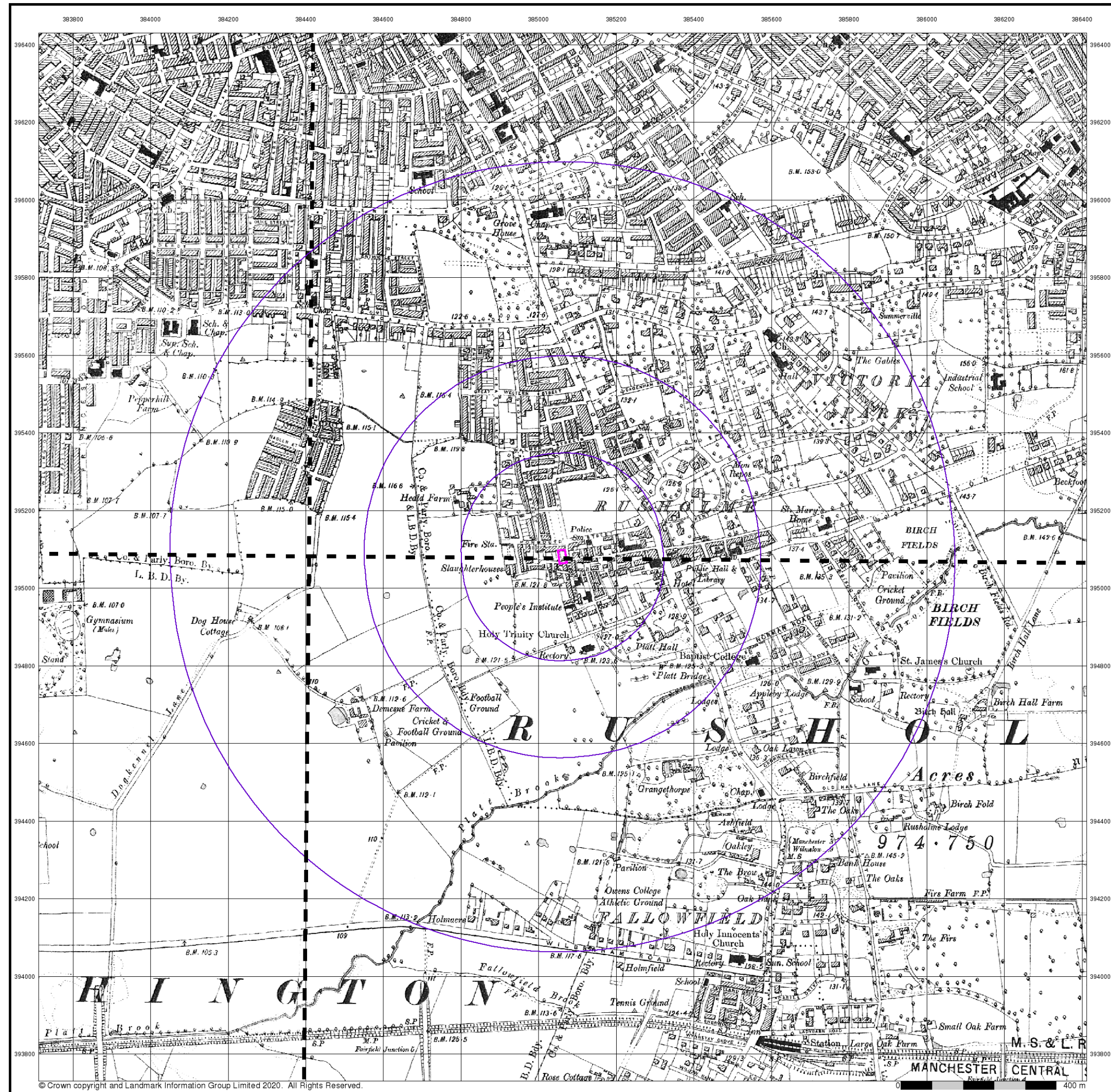


Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE





Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

Lancashire And Furness

Published 1894 - 1896

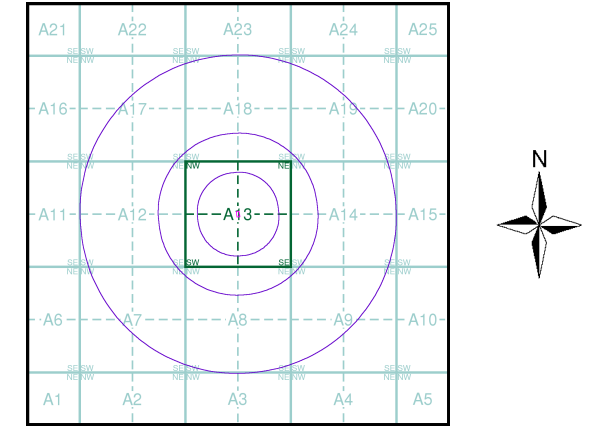
Source map scale - 1:10,560

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)

104SW 1896 1:10,560	104SE 1894 1:10,560
111NW 1894 1:10,560	111NE 1894 1:10,560

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1

Customer Ref: LG: 30669

National Grid Reference: 385060, 395080

Slice: A

Site Area (Ha): 0.07

Search Buffer (m): 1000

Site Details

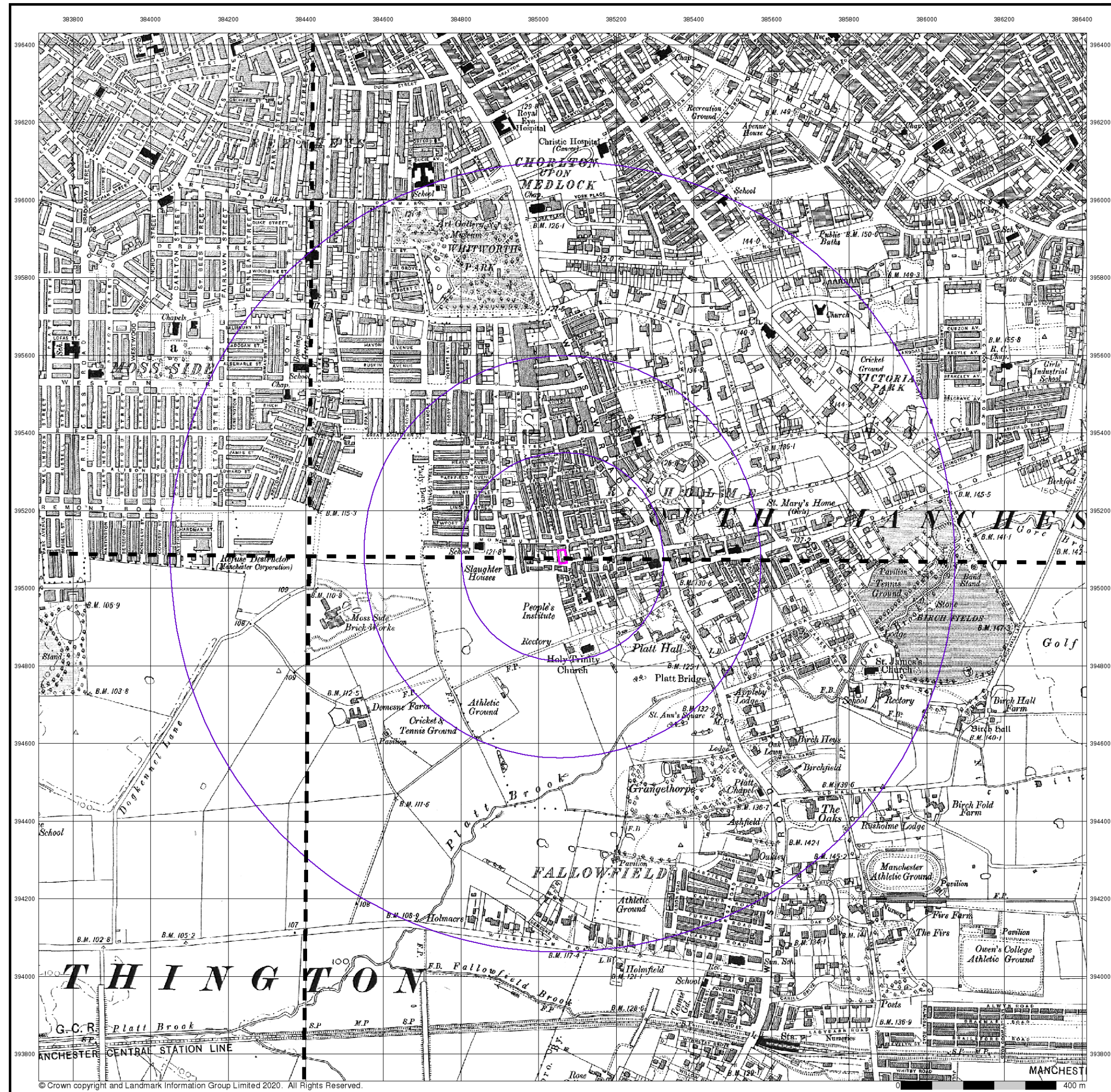
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Sutcliffe

Lancashire And Furness

Published 1908 - 1909

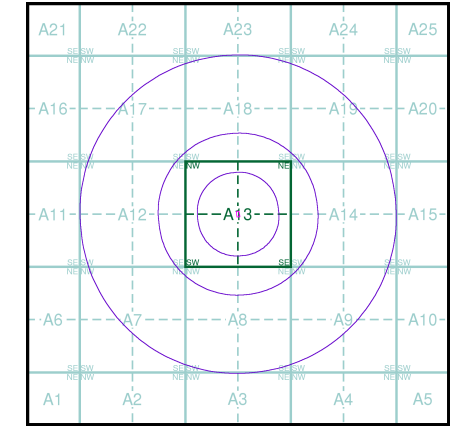
Source map scale - 1:10,560

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)

104SW 1909 1:10,560	104SE 1909 1:10,560
111NW 1908 1:10,560	111NE 1908 1:10,560

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1923

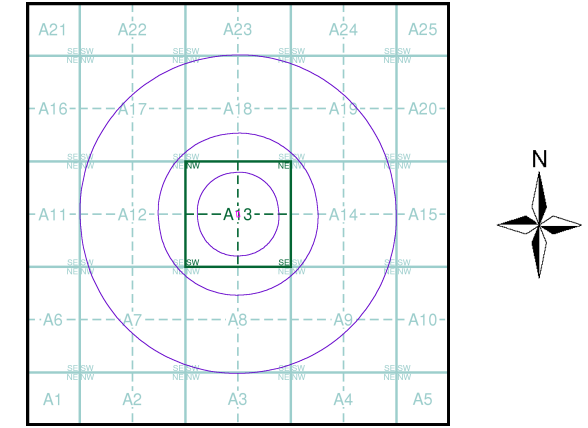
Source map scale - 1:10,560

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)

104SW 1923 1:10,560	104SE 1923 1:10,560
111NW 1923 1:10,560	111NE 1923 1:10,560

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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Sutcliffe

Lancashire And Furness

Published 1932 - 1934

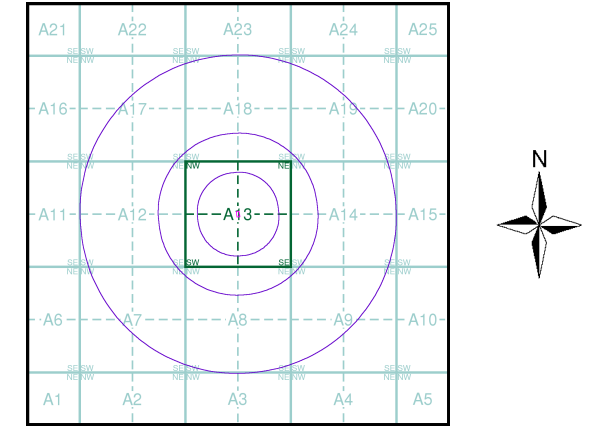
Source map scale - 1:10,560

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)

104SW 1932 1:10,560	104SE 1933 1:10,560
111NW 1934 1:10,560	111NE 1934 1:10,560

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1938

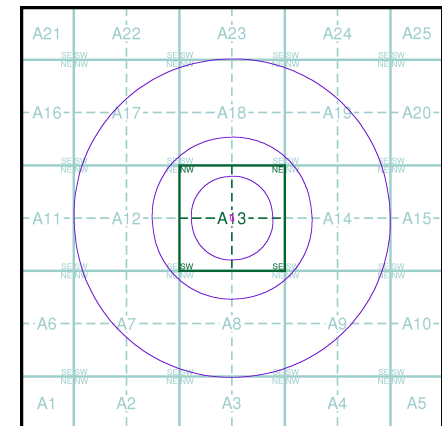
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

104SW 1938 1:10,560	104SE 1938 1:10,560
111NW 1938 1:10,560	111NE 1938 1:10,560

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

Ordnance Survey Plan

Published 1955 - 1956

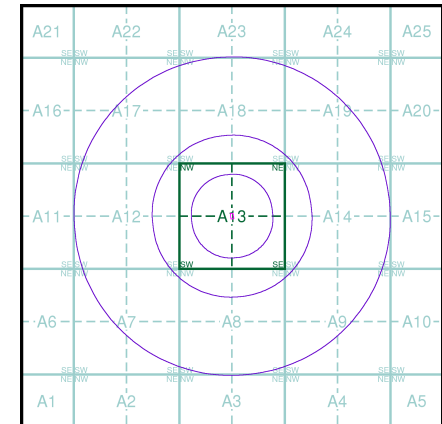
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ89NW	SJ89NE
1956	1956
1:10,560	1:10,560
SJ89SW	SJ89SE
1955	1955
1:10,560	1:10,560

Historical Map - Slice A

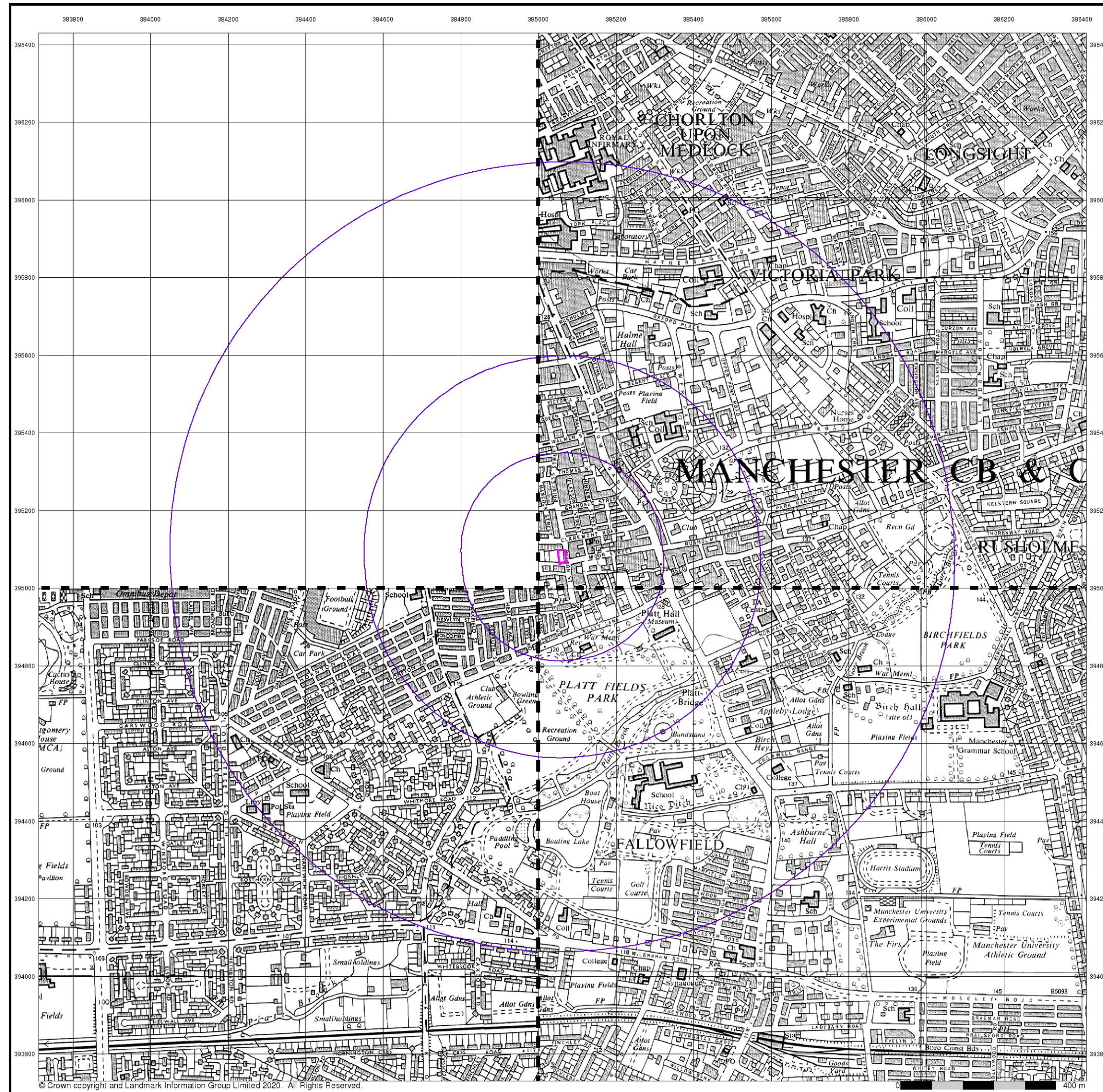


Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE



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Ordnance Survey Plan

Published 1965 - 1968

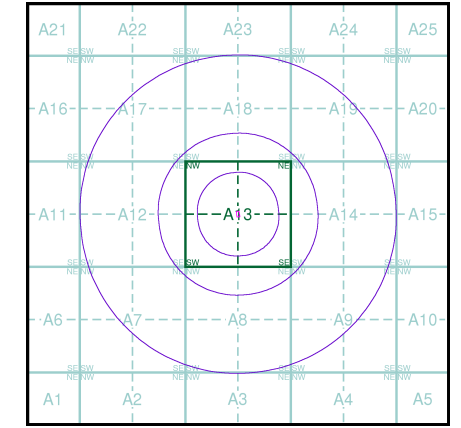
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ89NE	1968	1:10,560
SJ89SW	1966	1:10,560
SJ89SE	1965	1:10,560

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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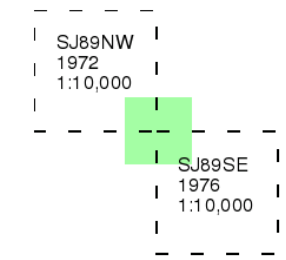
Ordnance Survey Plan

Published 1972 - 1976

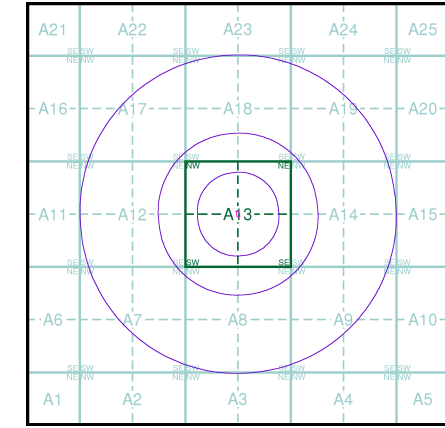
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

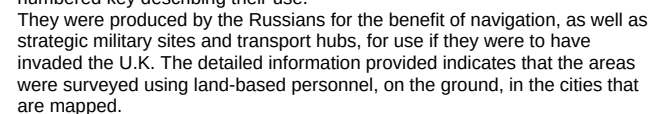


Order Details
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details
Victory Street, MANCHESTER, M14 5AE



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SUB9
1975
1:25,000

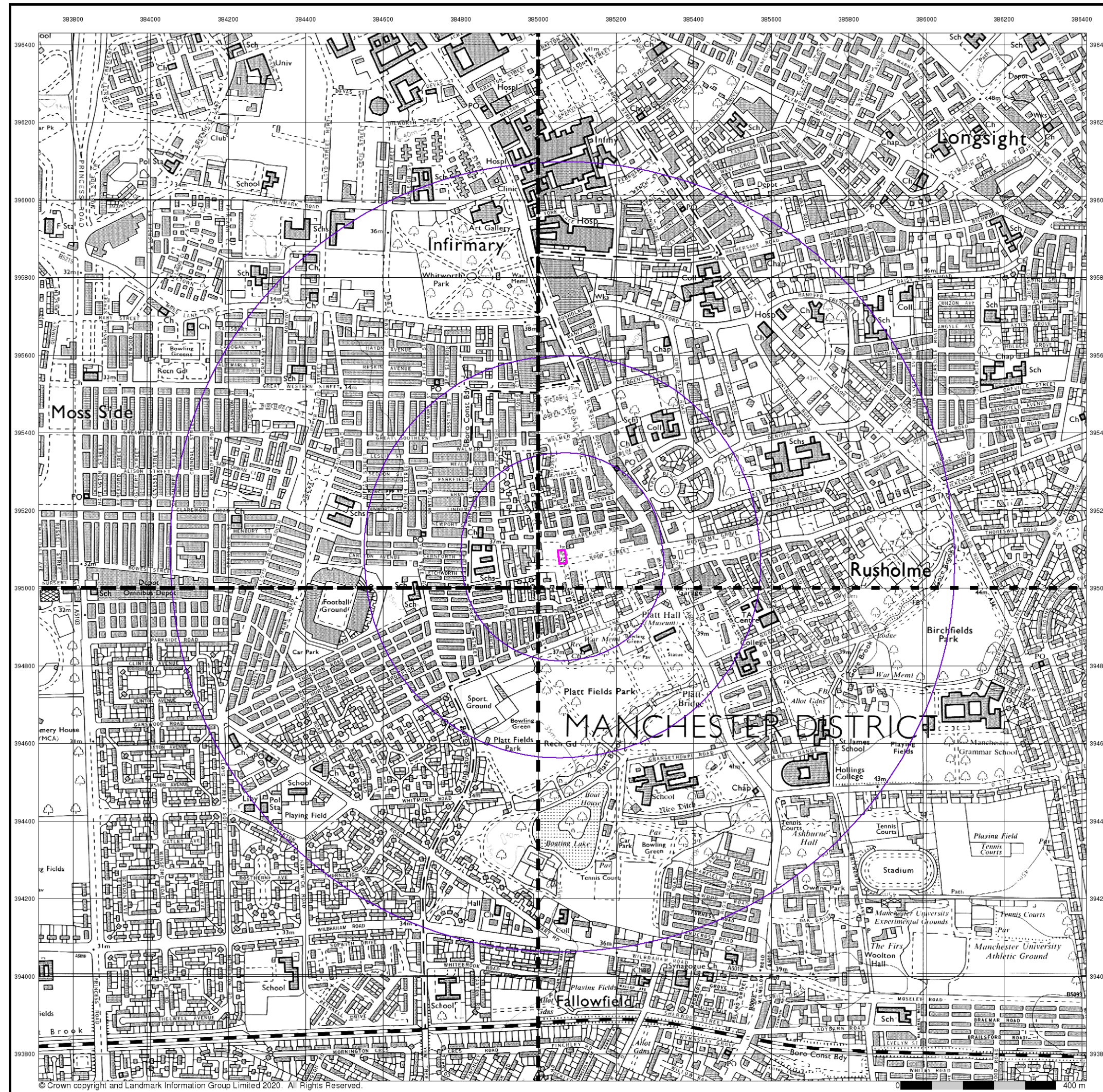
The figure shows a 5x5 grid of points labeled A1 to A25. The points are arranged in a regular grid. A central point, A13, is highlighted with a green square. Concentric purple circles are centered at A13, passing through A11, A17, and A23. Dashed lines connect the points in a grid pattern.



Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

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Building Surveyors
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Sutcliffe

Ordnance Survey Plan

Published 1980 - 1985

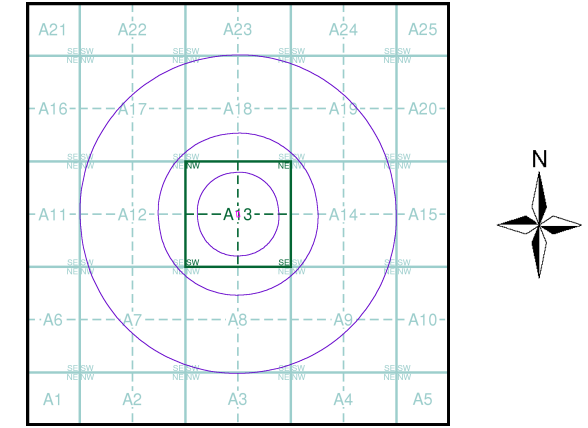
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ89NW	SJ89NE
1980	1981
1:10,000	1:10,000
SJ89SW	SJ89SE
1981	1985
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 231684926_1_1

Customer Ref: LG: 30669

National Grid Reference: 385060, 395080

Slice: A

Site Area (Ha): 0.07

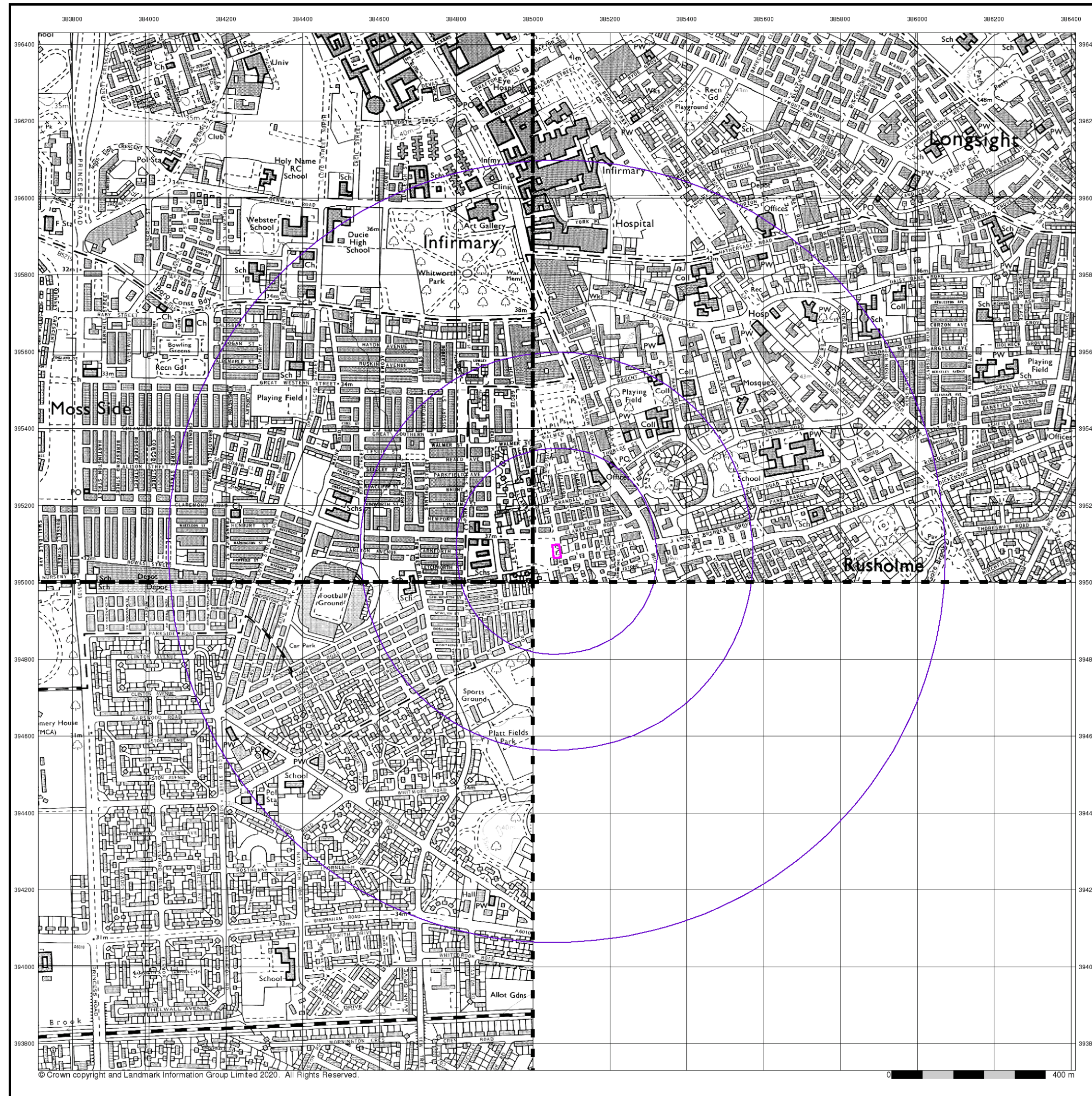
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1985 - 1989

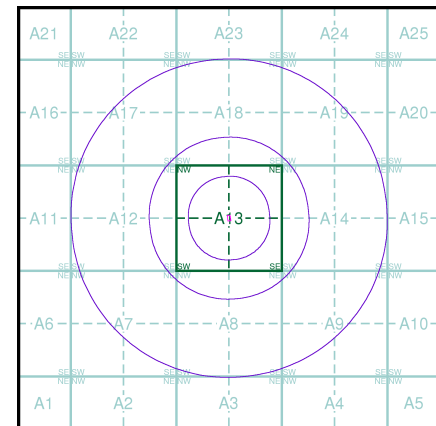
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ89NW	SJ89NE
1985	1987
1:10,000	1:10,000
SJ89SW	
1989	
1:10,000	

Historical Map - Slice A



Order Details

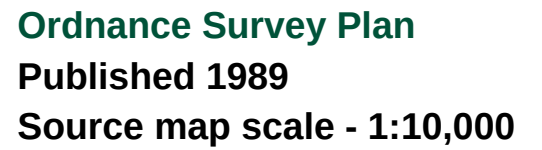
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
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Map Name(s) and Date(s)



Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
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Site Area (Ha): 0.07
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Ordnance Survey Plan

Published 1990 - 1994

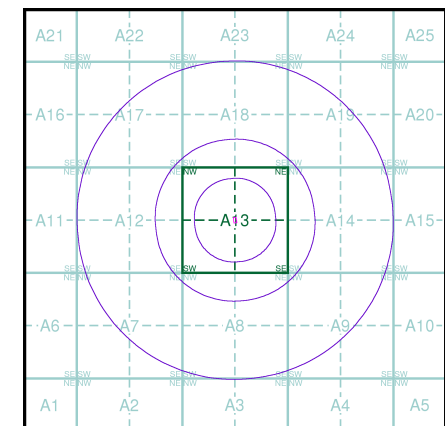
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ89NW	SJ89NE
1994	1993
1:10,000	1:10,000
	SJ89SE
	1990
	1:10,000

Historical Map - Slice A



Order Details

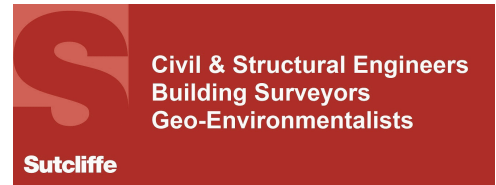
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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10k Raster Mapping

Published 1999

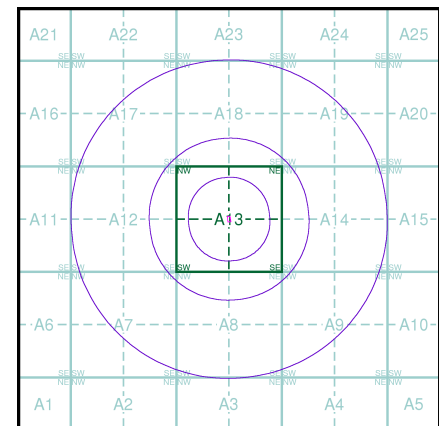
Source map scale - 1:10,000

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)

SJ89NW	SJ89NE
1999	1999
1:10,000	1:10,000
SJ89SW	SJ89SE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

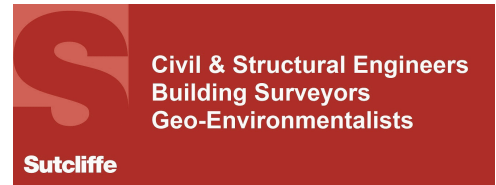
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE



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10k Raster Mapping

Published 2006

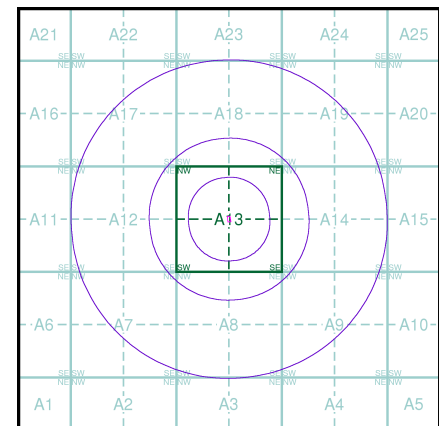
Source map scale - 1:10,000

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)

SJ89NW	SJ89NE
2006	2006
1:10,000	1:10,000
SJ89SW	SJ89SE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

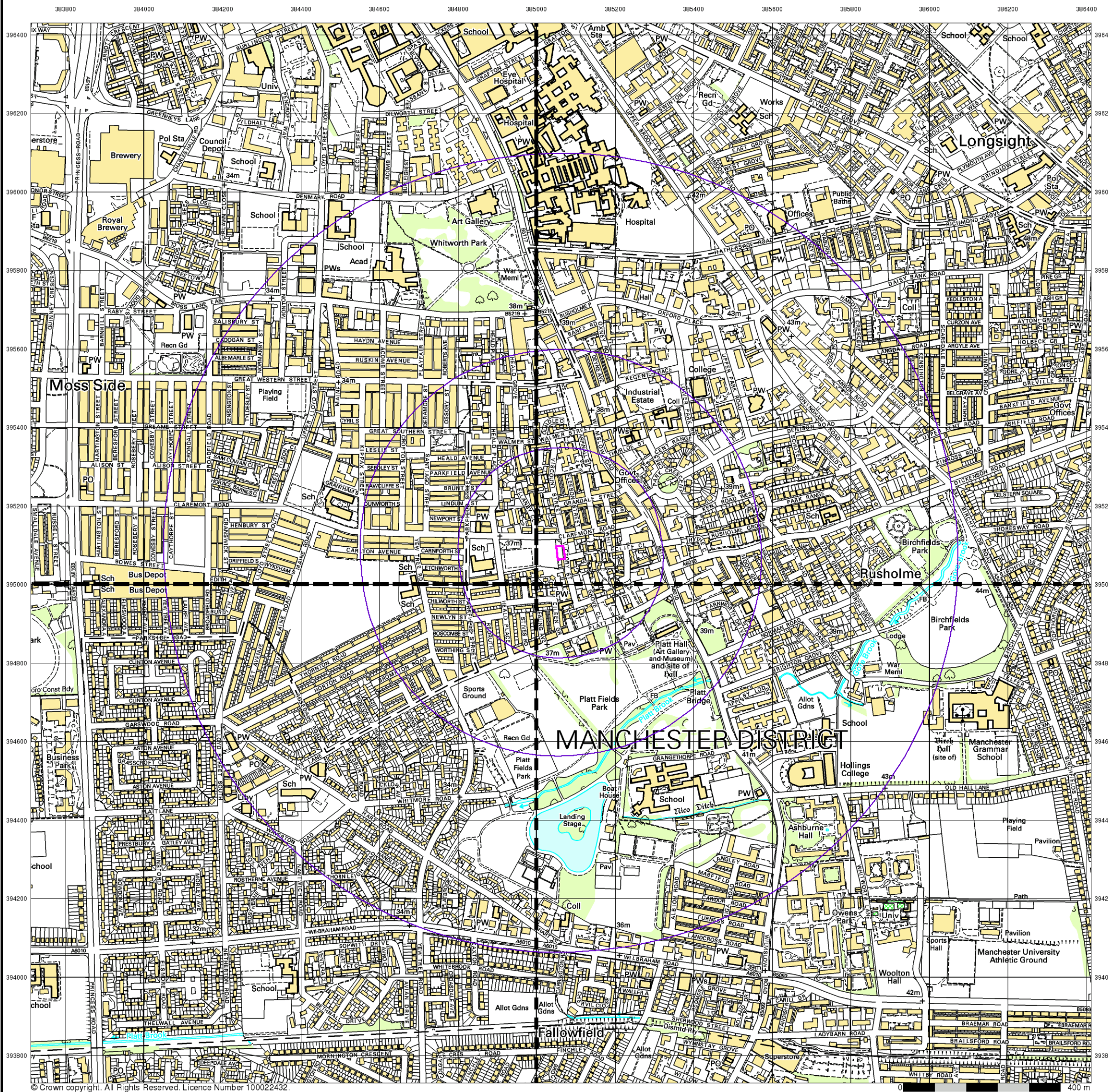
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

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VectorMap Local

Published 2019

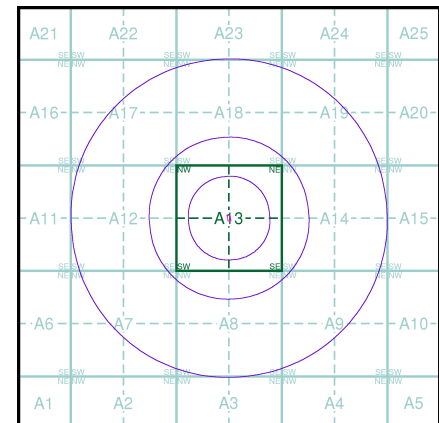
Source map scale - 1:10,000

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)

SJ89NW 2019 Variable	SJ89NE 2019 Variable
SJ89SW 2019 Variable	SJ89SE 2019 Variable

Historical Map - Slice A

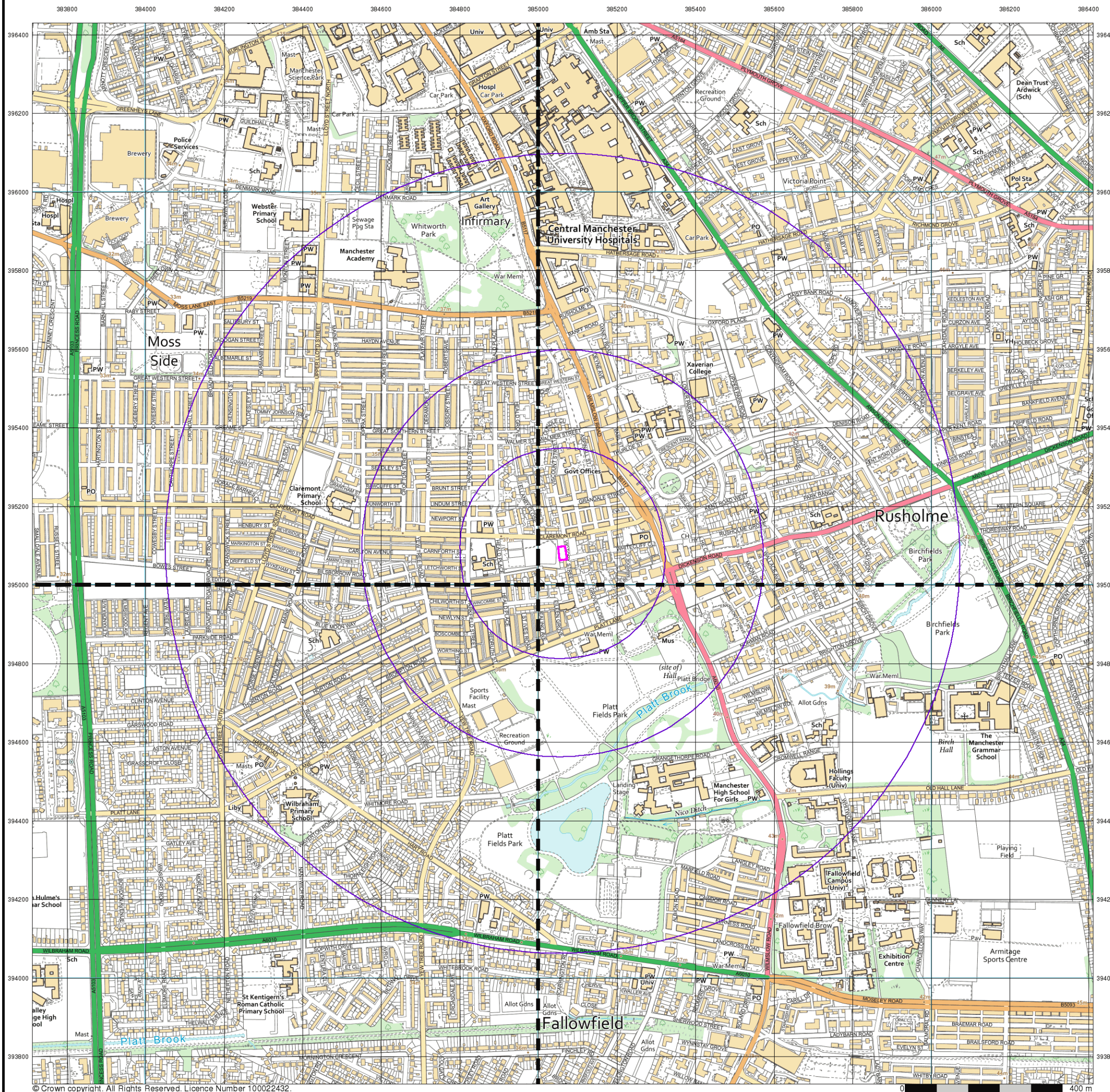


Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE



Lancashire And Furness

Published 1850

Source map scale - 1:1,056

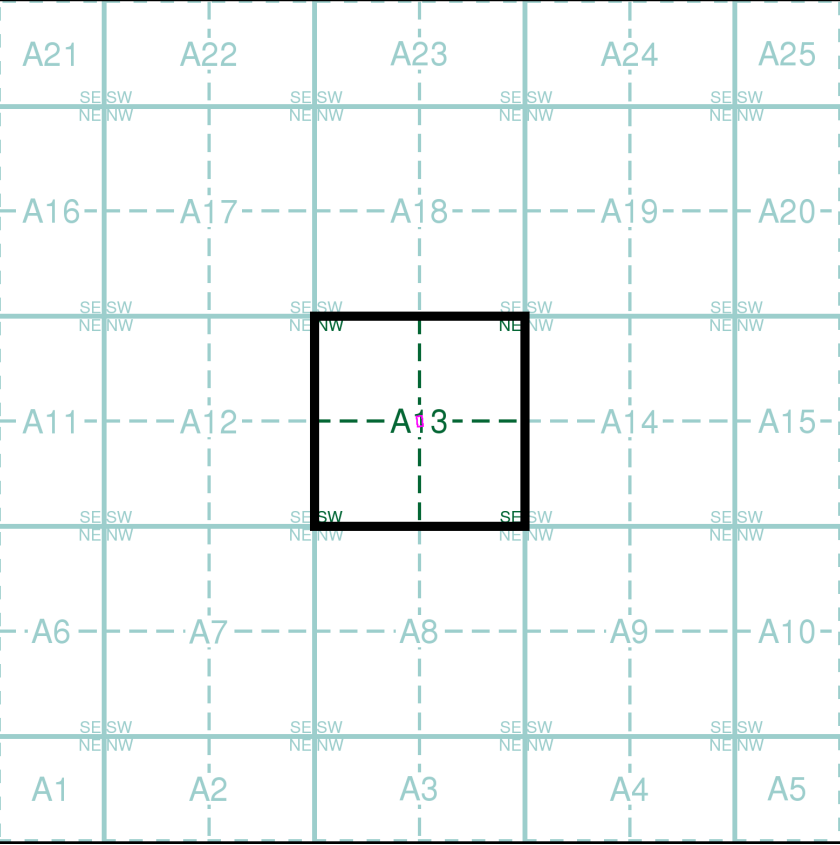
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the Ordnance Survey and a 'skeleton' survey of the capital, showing little more than streets, street names, frontages and altitudes, was undertaken between 1848 and 1850. The majority of the 1:1056 surveys were later replaced by 1:500 surveys; although almost all the remainder were revised at this scale, sometimes more than once before 1895. The type of detail shown on the 1:1056 scale is broadly similar to that on 1:500; the apparent omission of minor details such as sewer access points and street lights may be as much a reflection of the generally earlier date of these plans, as of the specification of the map.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

000_00_046 1850 1:1,056	000_00_047 1850 1:1,056
000_00_048 1850 1:1,056	000_00_049 1850 1:1,056

Historical Town Plan - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 0

Site Details

Victory Street, MANCHESTER, M14 5AE

Lancashire And Furness

Published 1891

Source map scale - 1:500

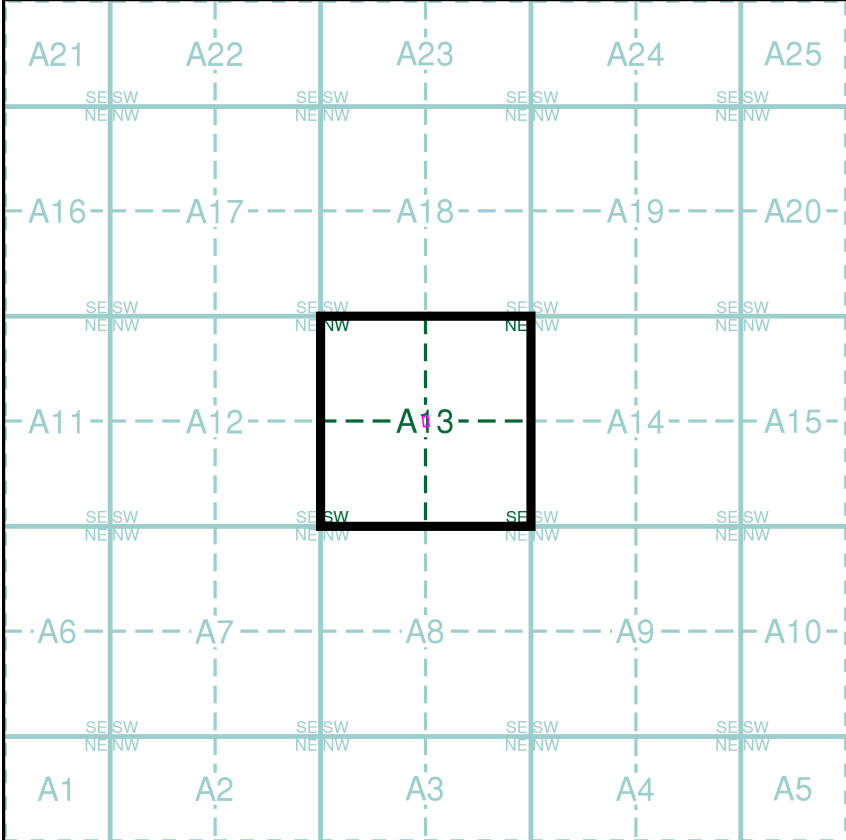
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

04_15_03064_15_03064_15_03064	1891	1891
1:500	1:500	1:500
04_15_03064_15_03064_15_03064	1891	1891
1:500	1:500	1:500
11_03_00811_03_00811_03_00811	1891	1891
1:500	1:500	1:500
11_03_00811_03_00811_03_00811	1891	1891
1:500	1:500	1:500

Historical Town Plan - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 0

Site Details

Victory Street, MANCHESTER, M14 5AE

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



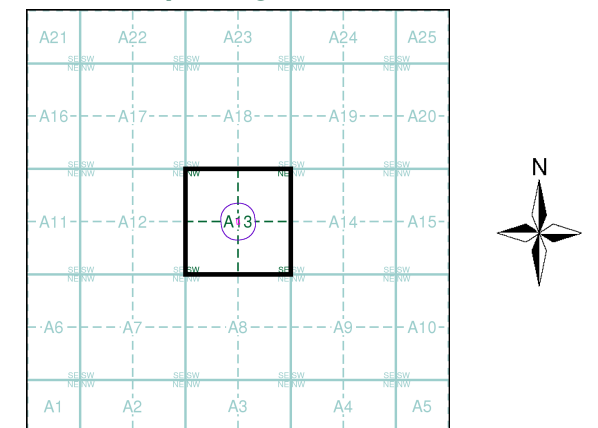


Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1907 - 1908	3
Lancashire And Furness	1:2,500	1922 - 1933	4
Lancashire And Furness	1:2,500	1934	5
Ordnance Survey Plan	1:1,250	1950 - 1957	6
Ordnance Survey Plan	1:2,500	1951 - 1957	7
Ordnance Survey Plan	1:1,250	1951 - 1972	8
Ordnance Survey Plan	1:2,500	1955 - 1968	9
Additional SIMs	1:1,250	1961 - 1988	10
Additional SIMs	1:1,250	1979 - 1987	11
Additional SIMs	1:1,250	1980 - 1988	12
Ordnance Survey Plan	1:1,250	1982 - 1983	13
Additional SIMs	1:1,250	1983	14
Large-Scale National Grid Data	1:1,250	1992	15
Large-Scale National Grid Data	1:1,250	1993 - 1994	16
Historical Aerial Photography	1:2,500	2000	17

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Victory Street, MANCHESTER, M14 5AE



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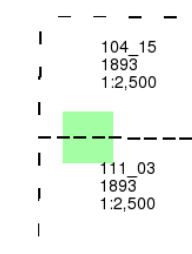
Lancashire And Furness

Published 1893

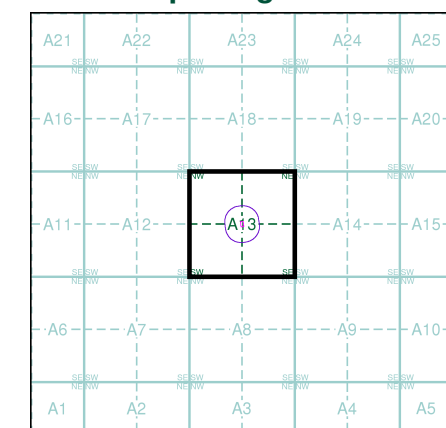
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

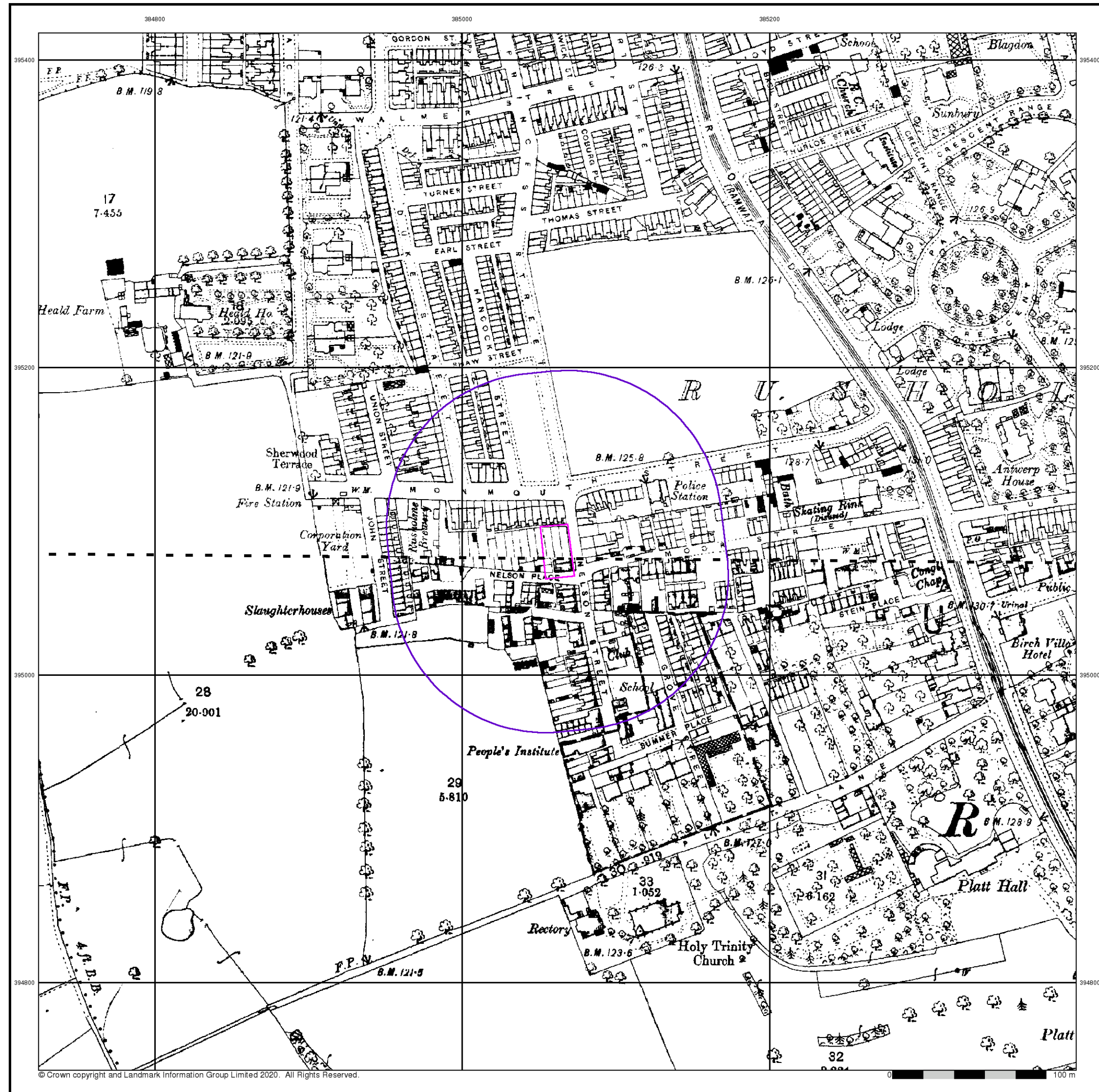


Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Victory Street, MANCHESTER, M14 5AE







Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

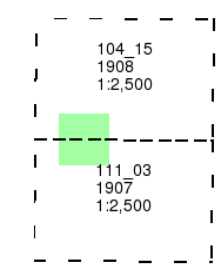
Lancashire And Furness

Published 1907 - 1908

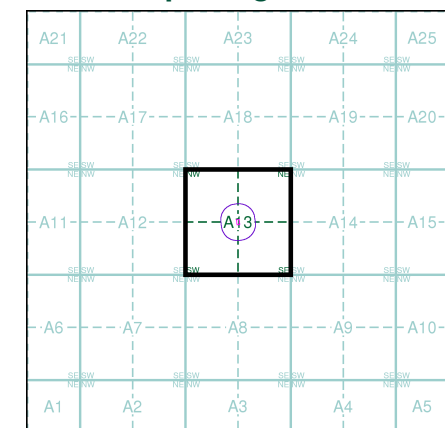
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	231684926_1_1
Customer Ref:	LG: 30669
National Grid Reference:	385060, 395080
Slice:	A
Site Area (Ha):	0.07
Search Buffer (m):	100

Site Details

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Building Surveyors
Geo-Environmentalists

Lancashire And Furness

Published 1922 - 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)

104_15

1933

1:2,500

111_03

1922

1:2,500

Historical Map - Segment A13

A21

A22

A23

A24

A25

A16

A17

A18

A19

A20

A11

A12

A13

A14

A15

A6

A7

A8

A9

A10

A1

A2

A3

A4

A5

N

Order Details

Order Number:

231684926_1_1

Customer Ref:

LG: 30669

National Grid Reference:

385060, 395080

Slice:

A

Site Area (Ha):

0.07

Search Buffer (m):

100

Site Details

Victory Street, MANCHESTER, M14 5AE

Landmark

INFORMATION GROUP

Tel:

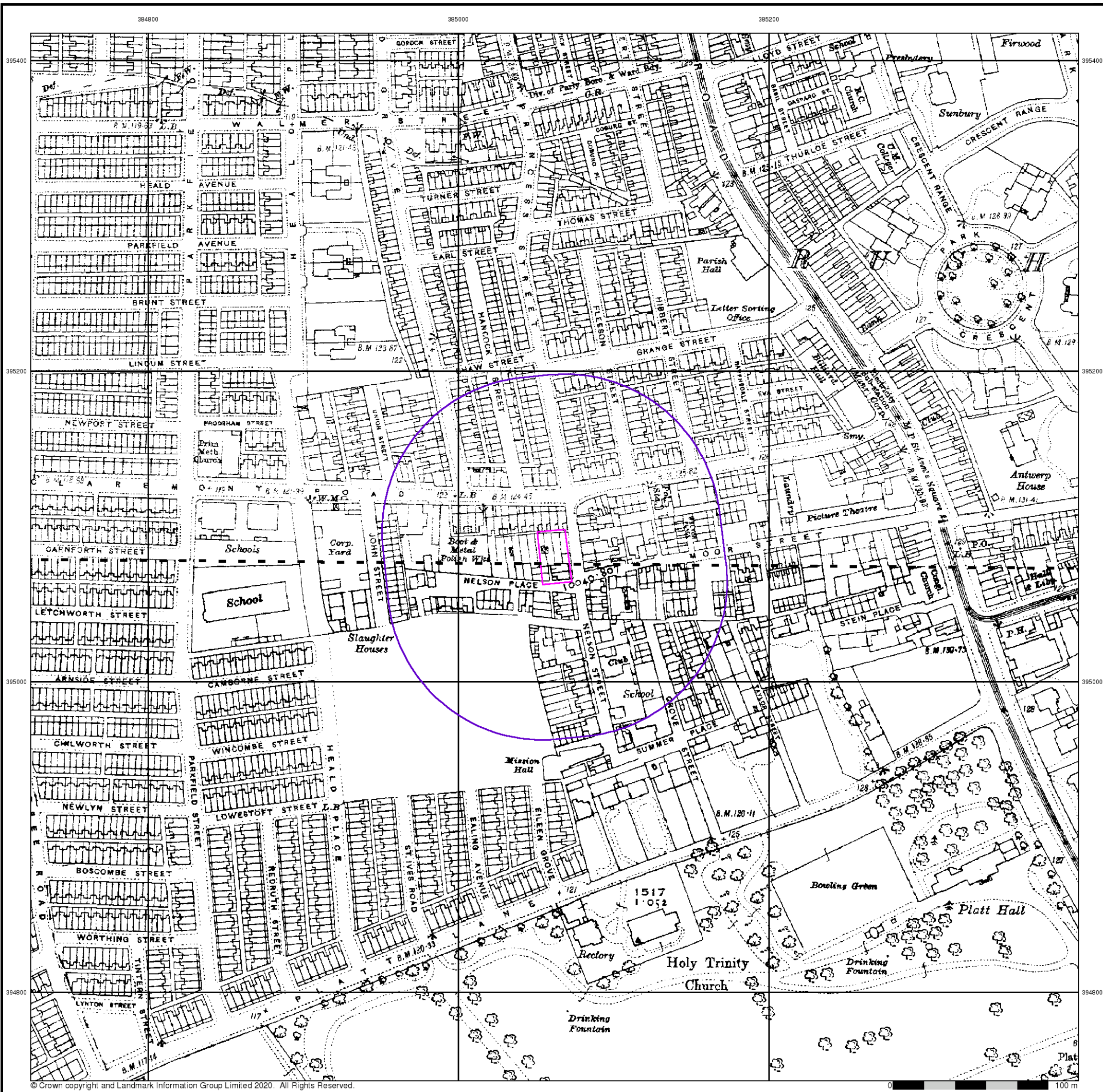
0844 844 9952

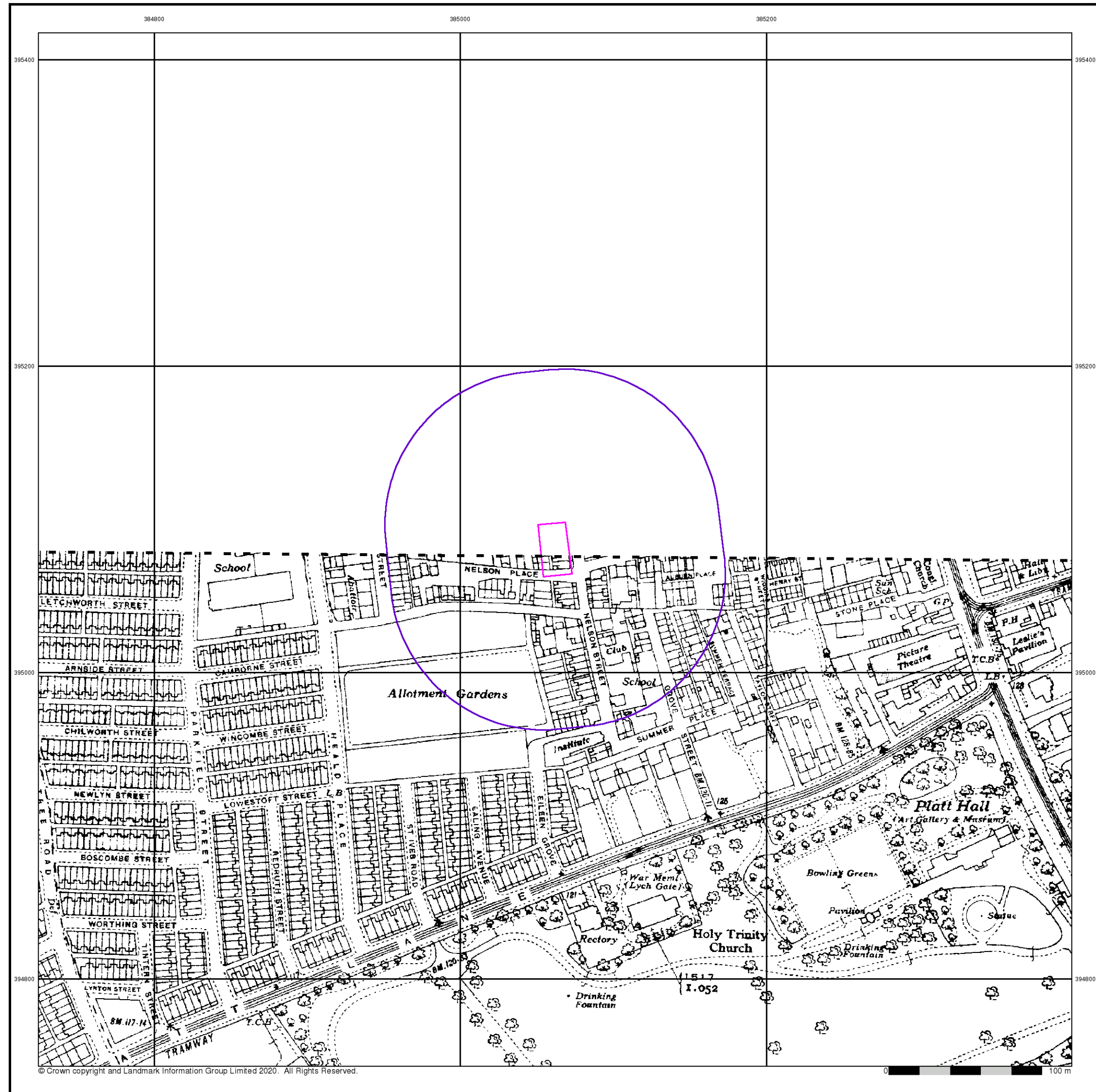
Fax:

0844 844 9951

Web:

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Lancashire And Furness

Published 1934

Source map scale - 1:2,500

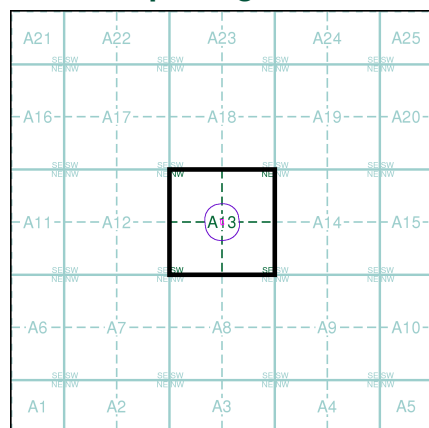
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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)



111_03
1934
1:2,500

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Victory Street, MANCHESTER, M14 5AE

Ordnance Survey Plan

Published 1950 - 1957

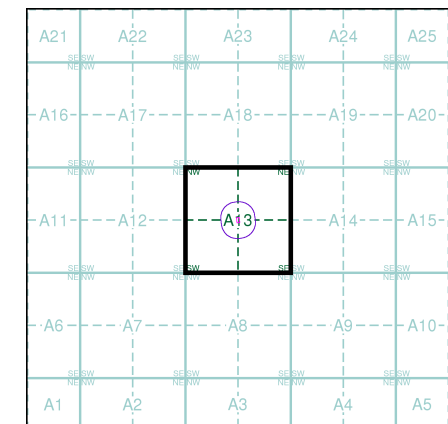
Source map scale - 1:1,250

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)

SJ8495SE	SJ8595SW
1950	1951
1:1,250	1:1,250
SJ8494NE	SJ8594NW
1951	1957
1:1,250	1:1,250

Historical Map - Segment A13

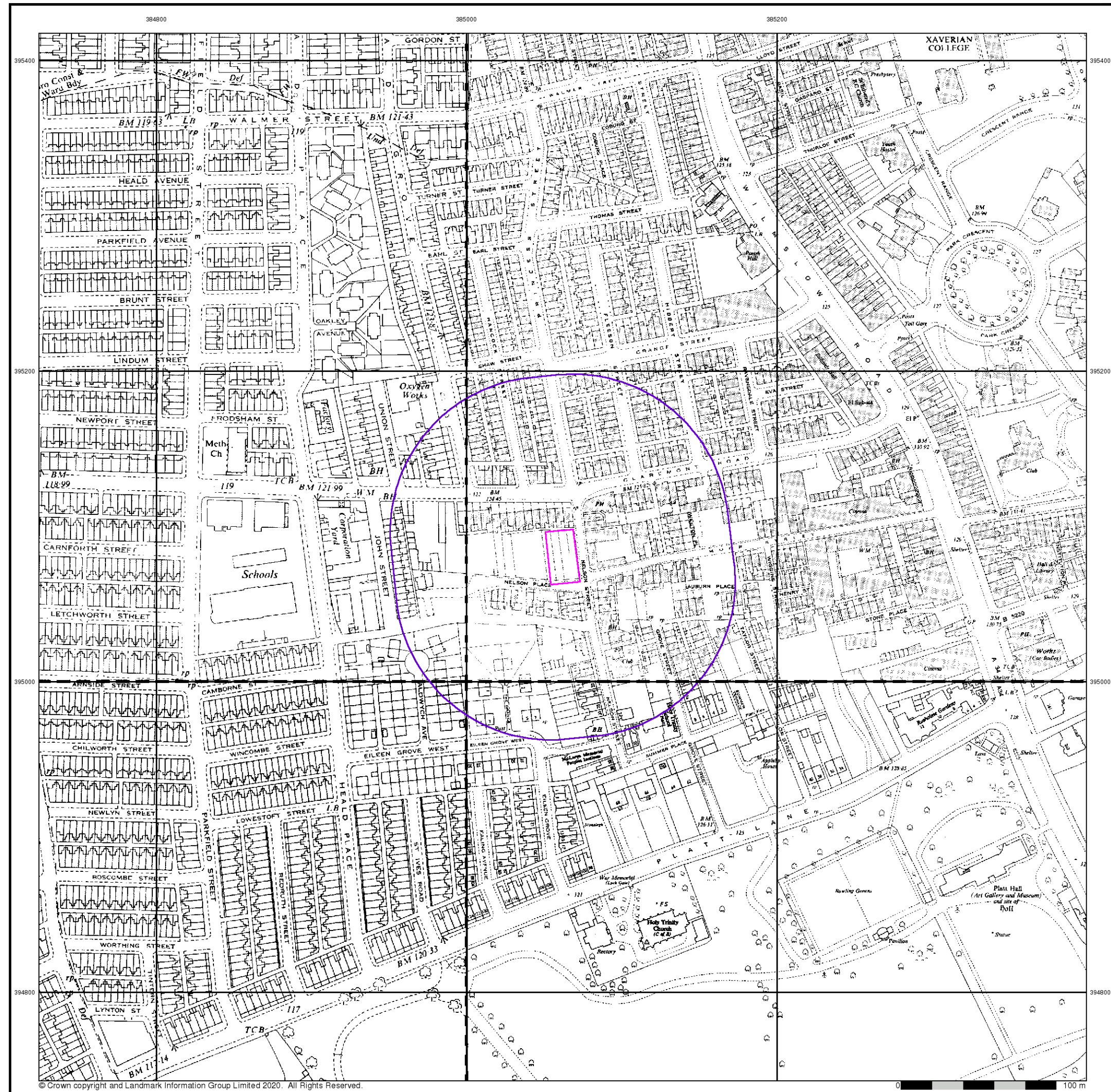


Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Victory Street, MANCHESTER, M14 5AE





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Ordnance Survey Plan

Published 1951 - 1957

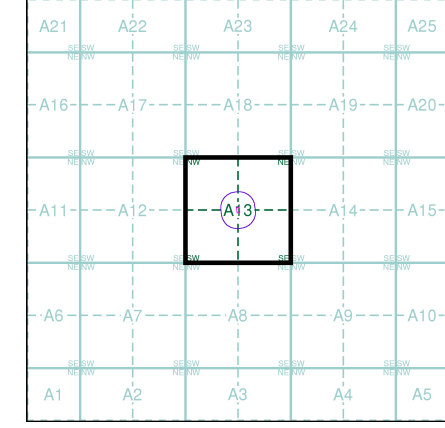
Source map scale - 1:2,500

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)

SJ8495	SJ8595
1951	1952
12,500	12,500
SJ8494	SJ8594
1952	1957
12,500	12,500

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

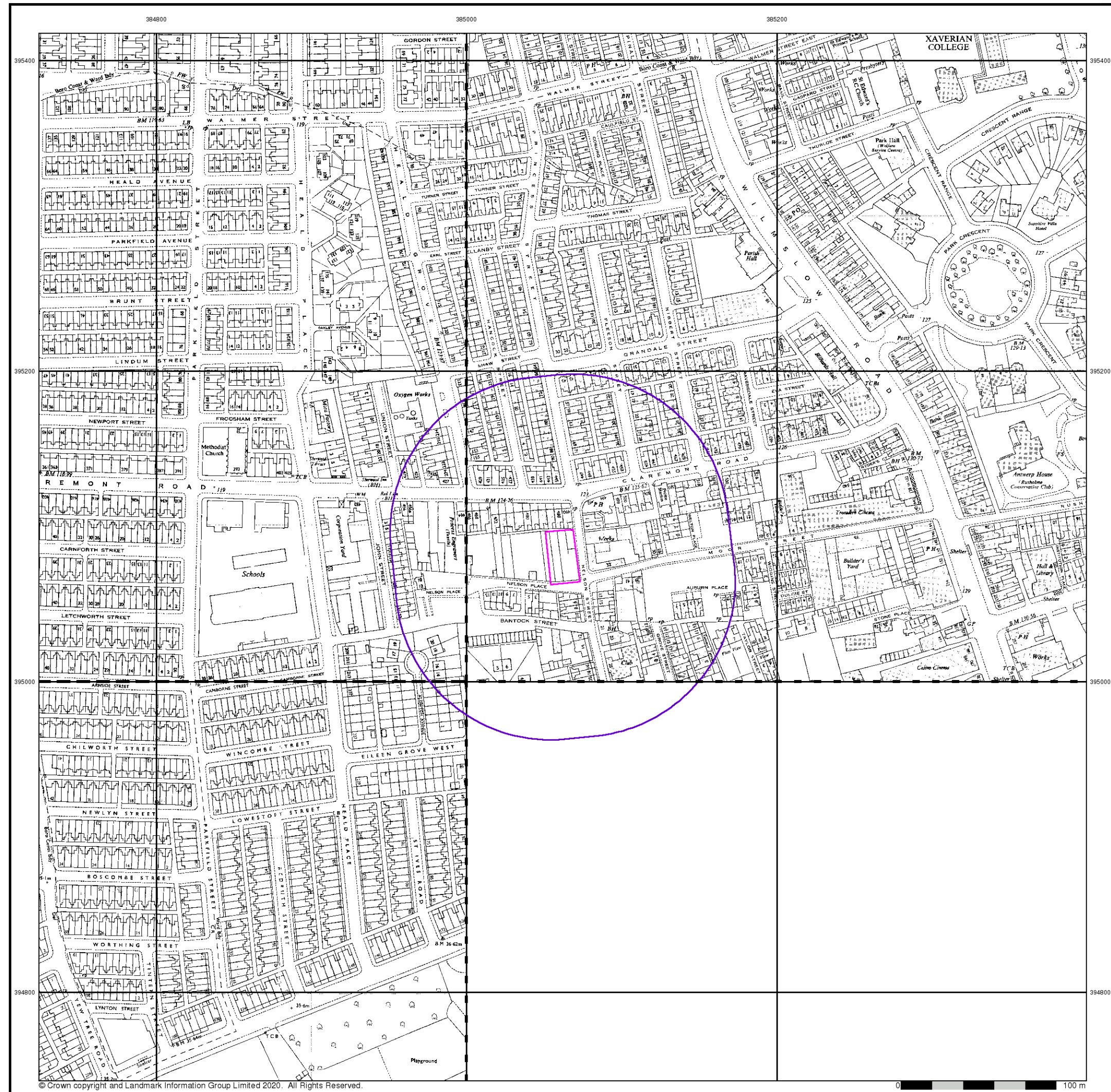
Site Details

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Ordnance Survey Plan

Published 1951 - 1972

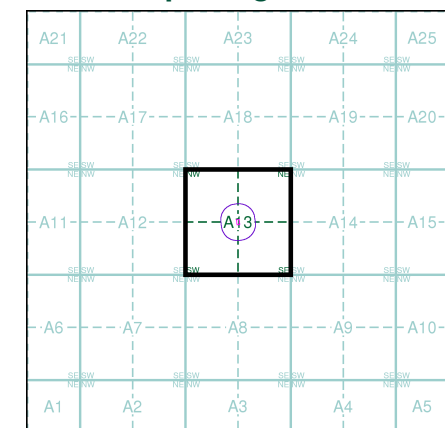
Source map scale - 1:1,250

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)

SJ8495SE	SJ8595SW
1951	1961
1:1,250	1:1,250
SJ8494NE	
1972	
1:1,250	

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

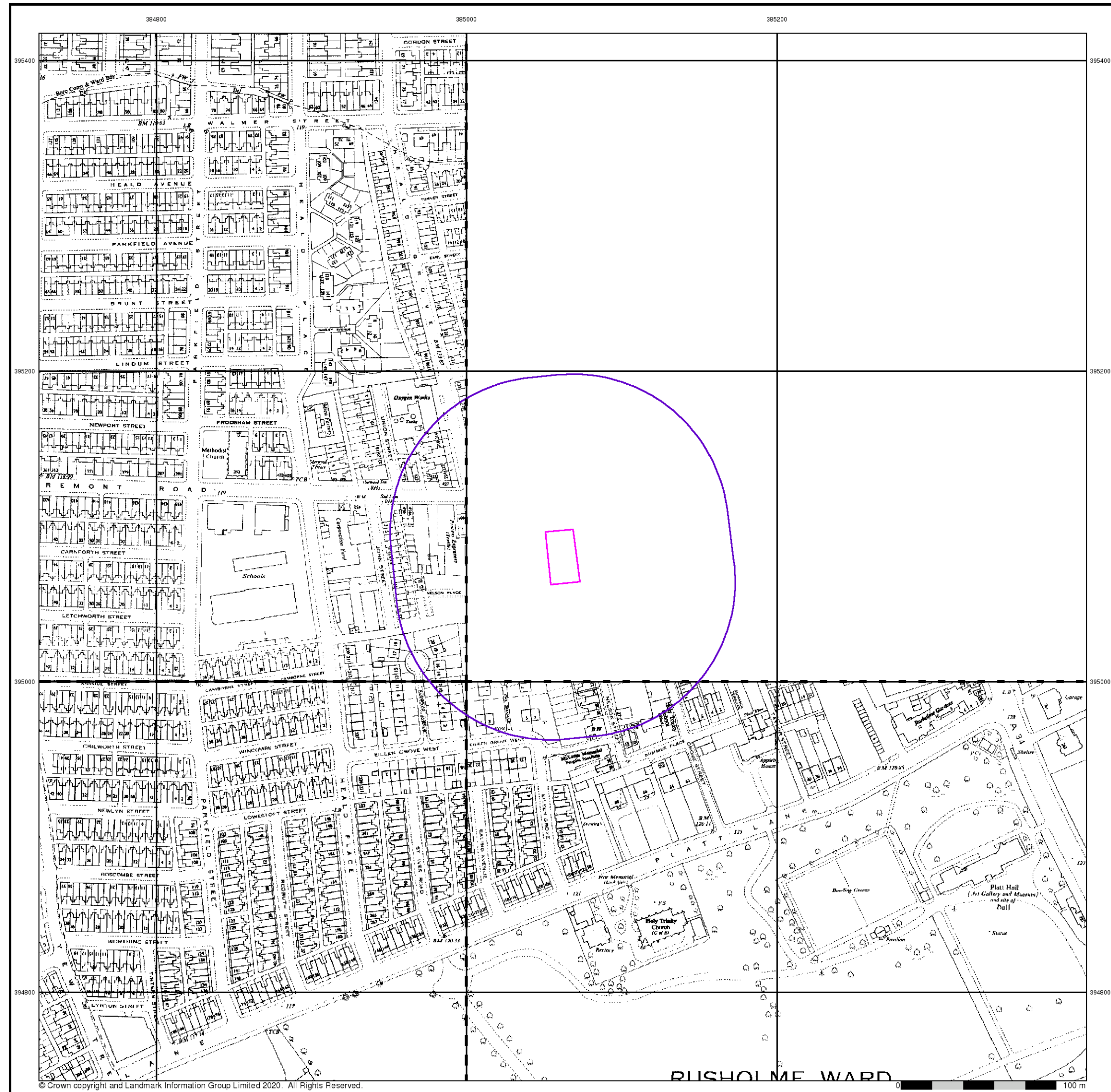
Site Details

Victory Street, MANCHESTER, M14 5AE



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

INFORMATION GROUP



Ordnance Survey Plan

Published 1955 - 1968

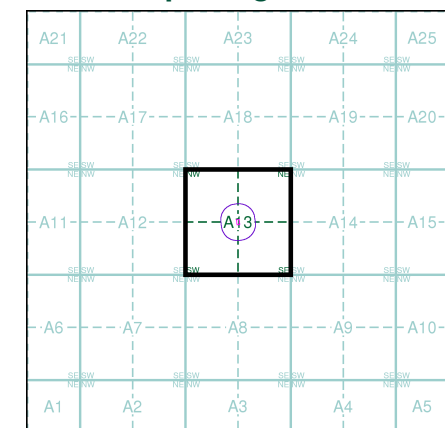
Source map scale - 1:2,500

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)

SJ8495	1955	12,500
SJ8494	1968	12,500
SJ8594	1968	12,500

Historical Map - Segment A13

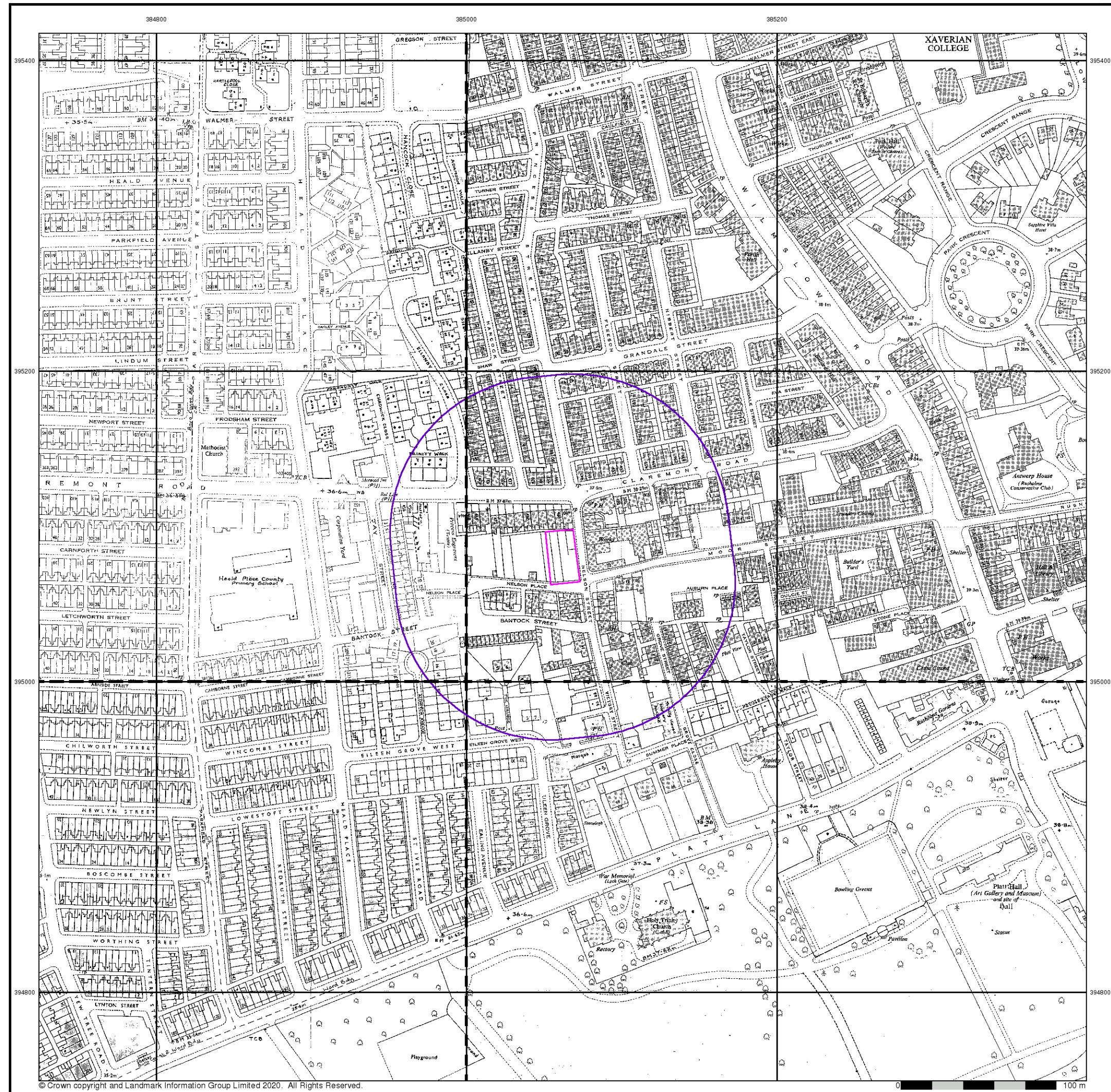


Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Victory Street, MANCHESTER, M14 5AE





Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

Additional SIMs

Published 1961 - 1988

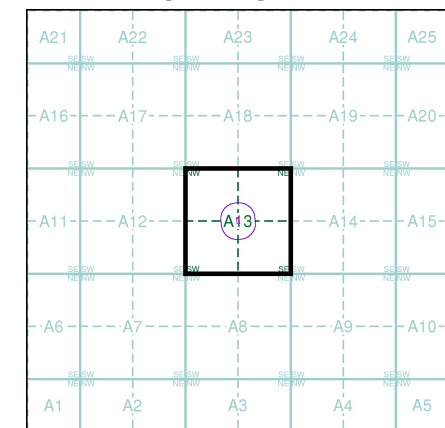
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8495SE	SJ8595SW
1978	1961
1:1,250	1:1,250
SJ8494NE	SJ8594NW
1988	1980
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1

Customer Ref: LG: 30669

National Grid Reference: 385060, 395080

Slice: A

Site Area (Ha): 0.07

Search Buffer (m): 100

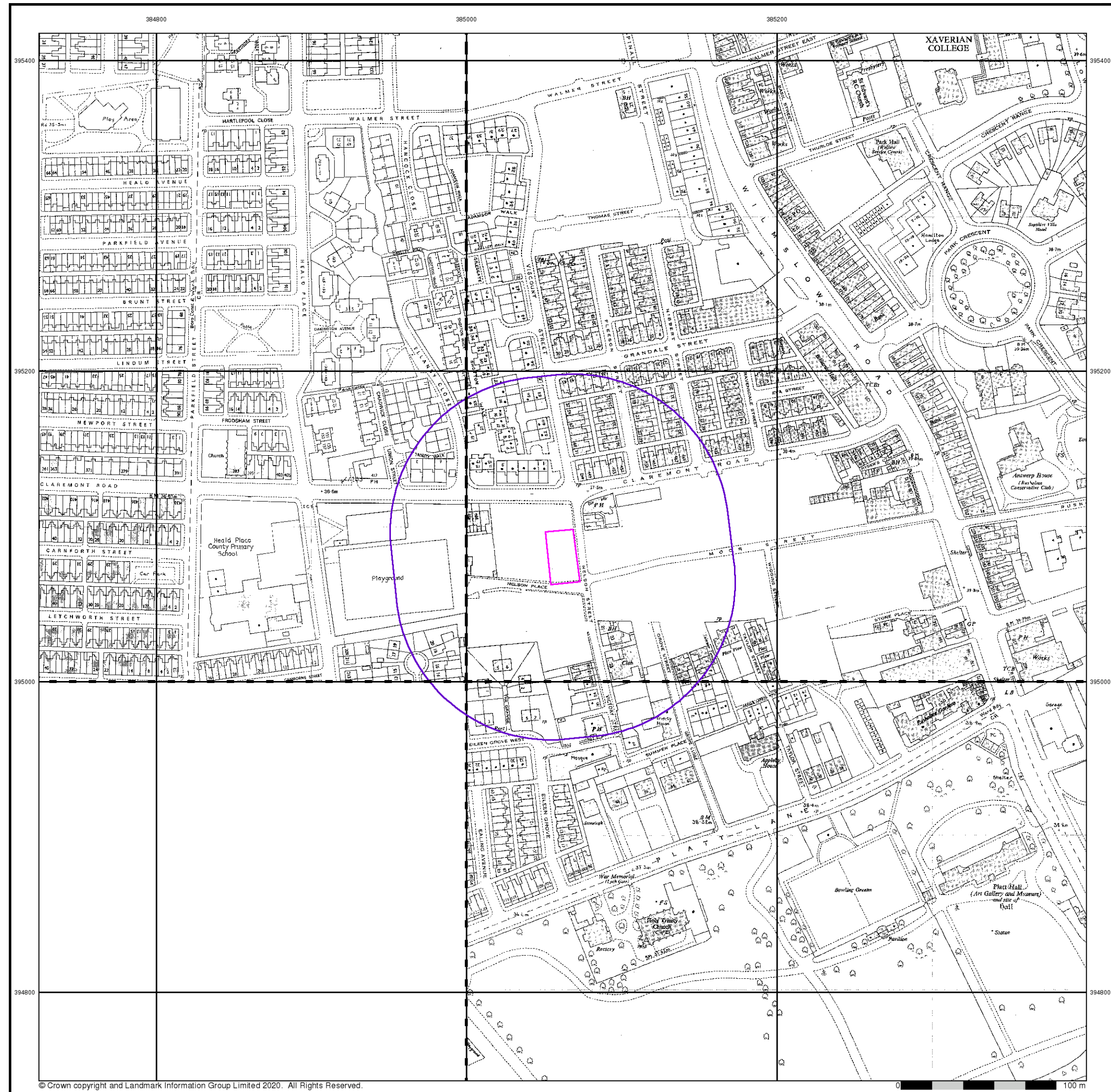
Site Details

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Landmark

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Additional SIMs

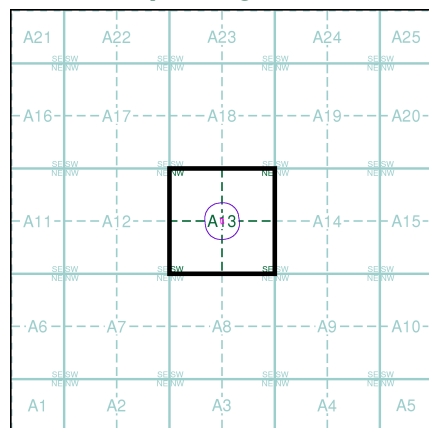
Published 1979 - 1987

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)	
SJ8495SE	SJ8595SW
1987	1979
1:1,250	1:1,250
	SJ8594NW
	1983
	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1

Customer Ref: LG: 30669

National Grid Reference: 385060, 395080

Slice: A

Site Area (Ha): 0.07

Search Buffer (m): 100

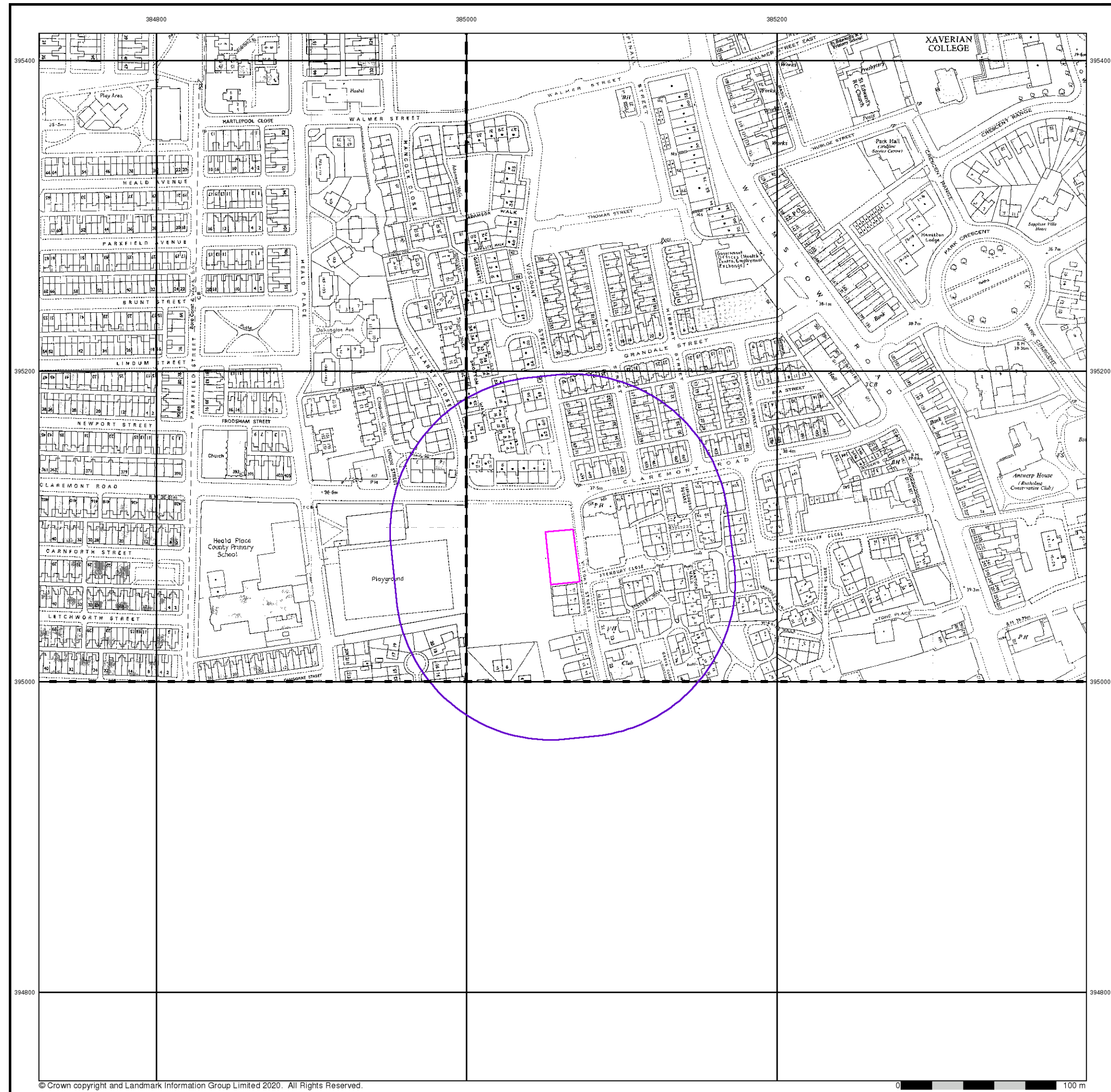
Site Details

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Additional SIMs

Published 1980 - 1988

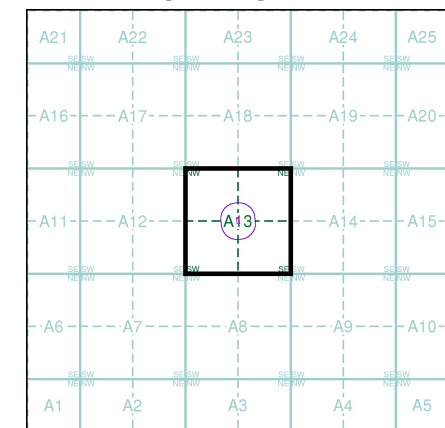
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8495SE	SJ8595SW
1988	1980
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

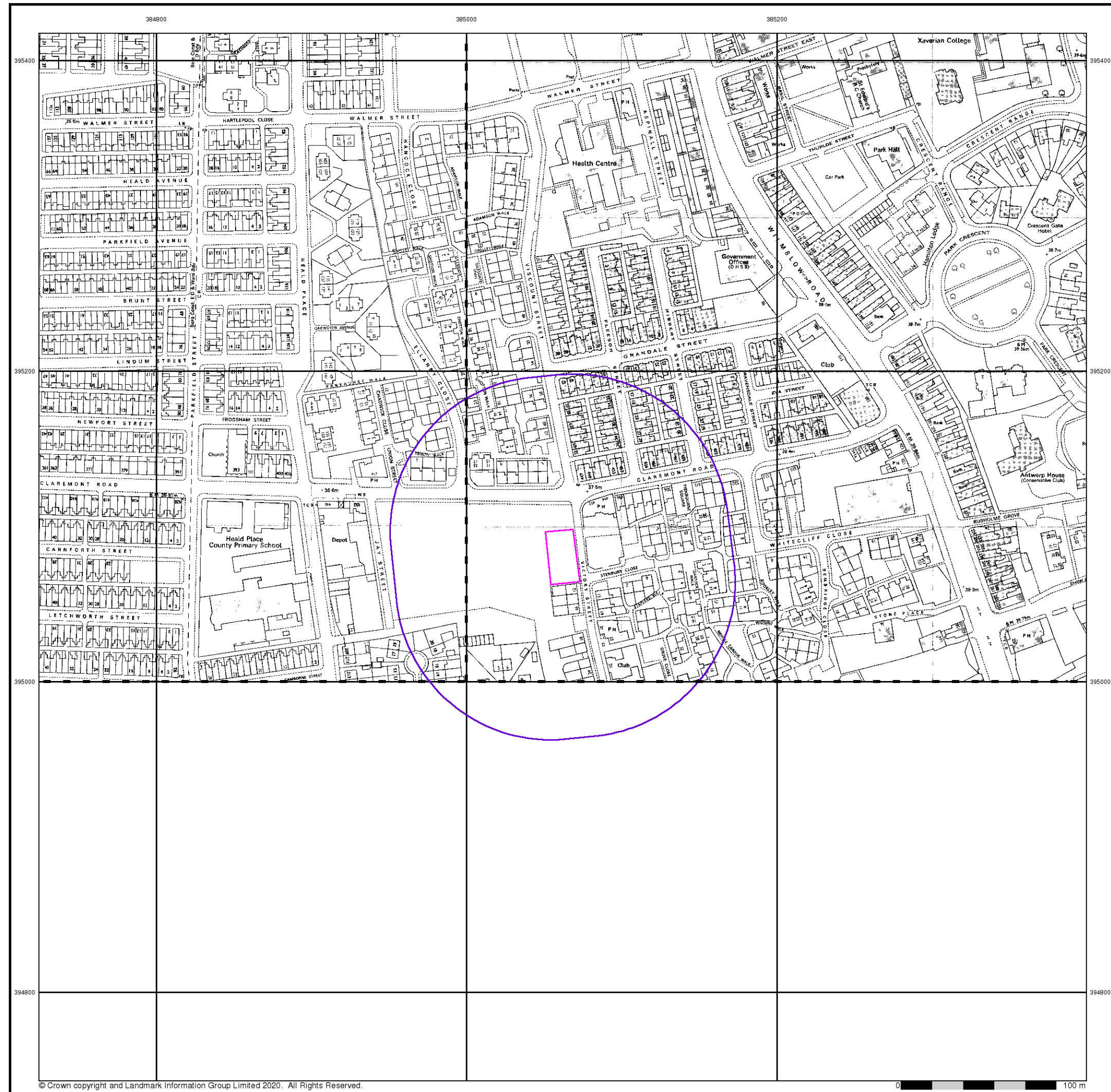
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Ordnance Survey Plan

Published 1982 - 1983

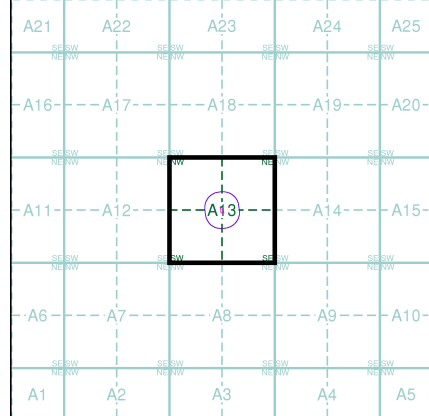
Source map scale - 1:1,250

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)

SJ8495SE	SJ8595SW
1982	1983
1:1,250	1:1,250

Historical Map - Segment A13





Order Details

Order Number: 231684926_1_1

Customer Ref: LG: 30669

National Grid Reference: 385060, 395080

Slice: A

Site Area (Ha): 0.07

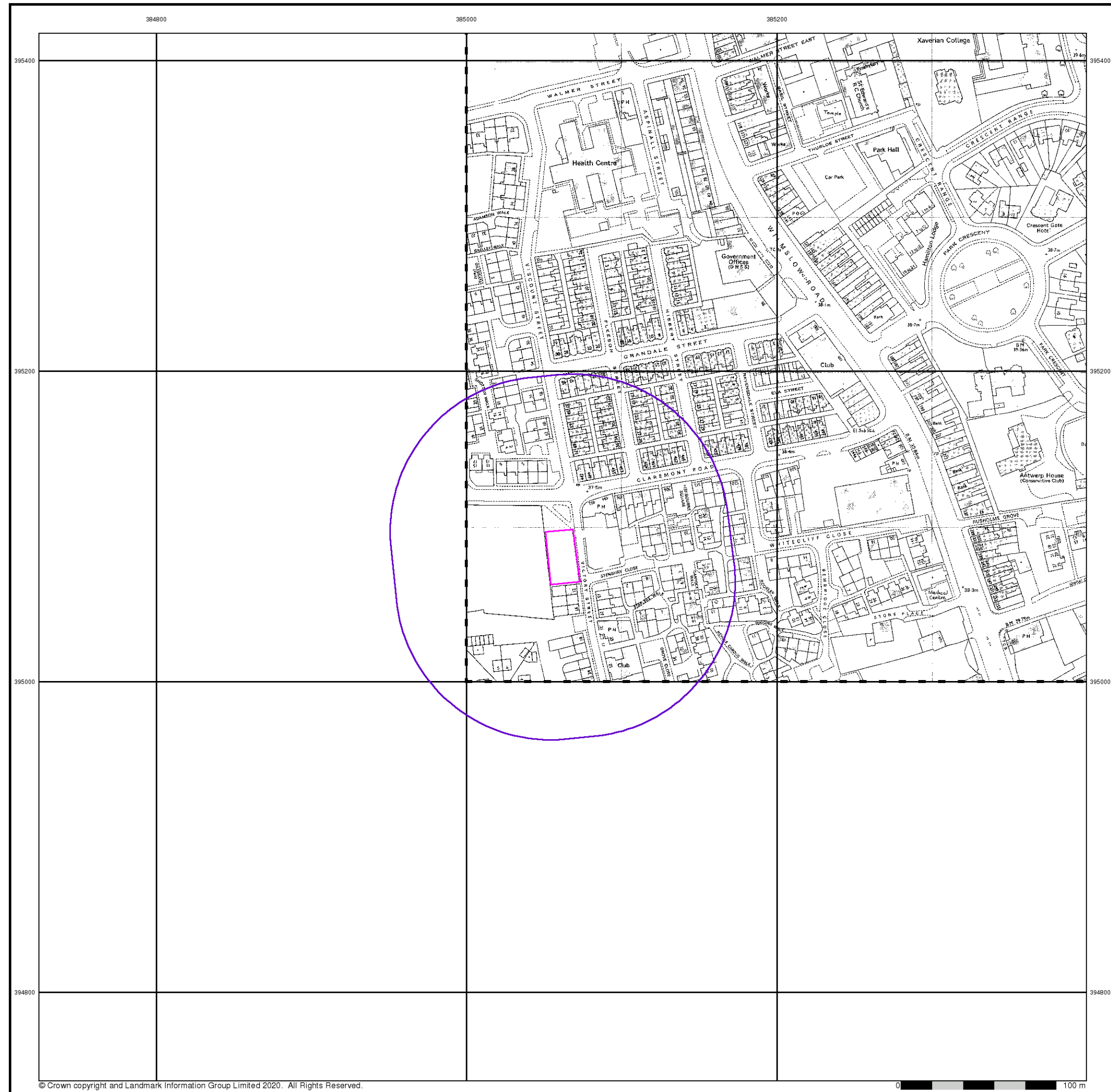
Search Buffer (m): 100

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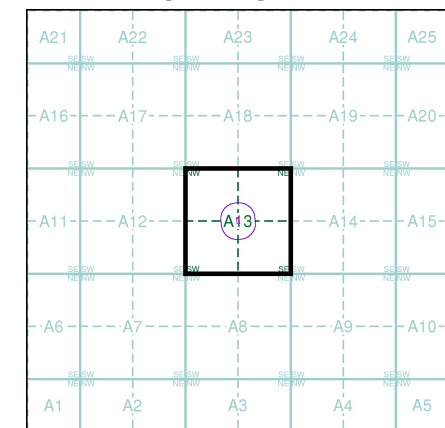
Additional SIMs
Published 1983
Source map scale - 1:1,250

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)

SJ8595SW
1983
1:1,250

Historical Map - Segment A13



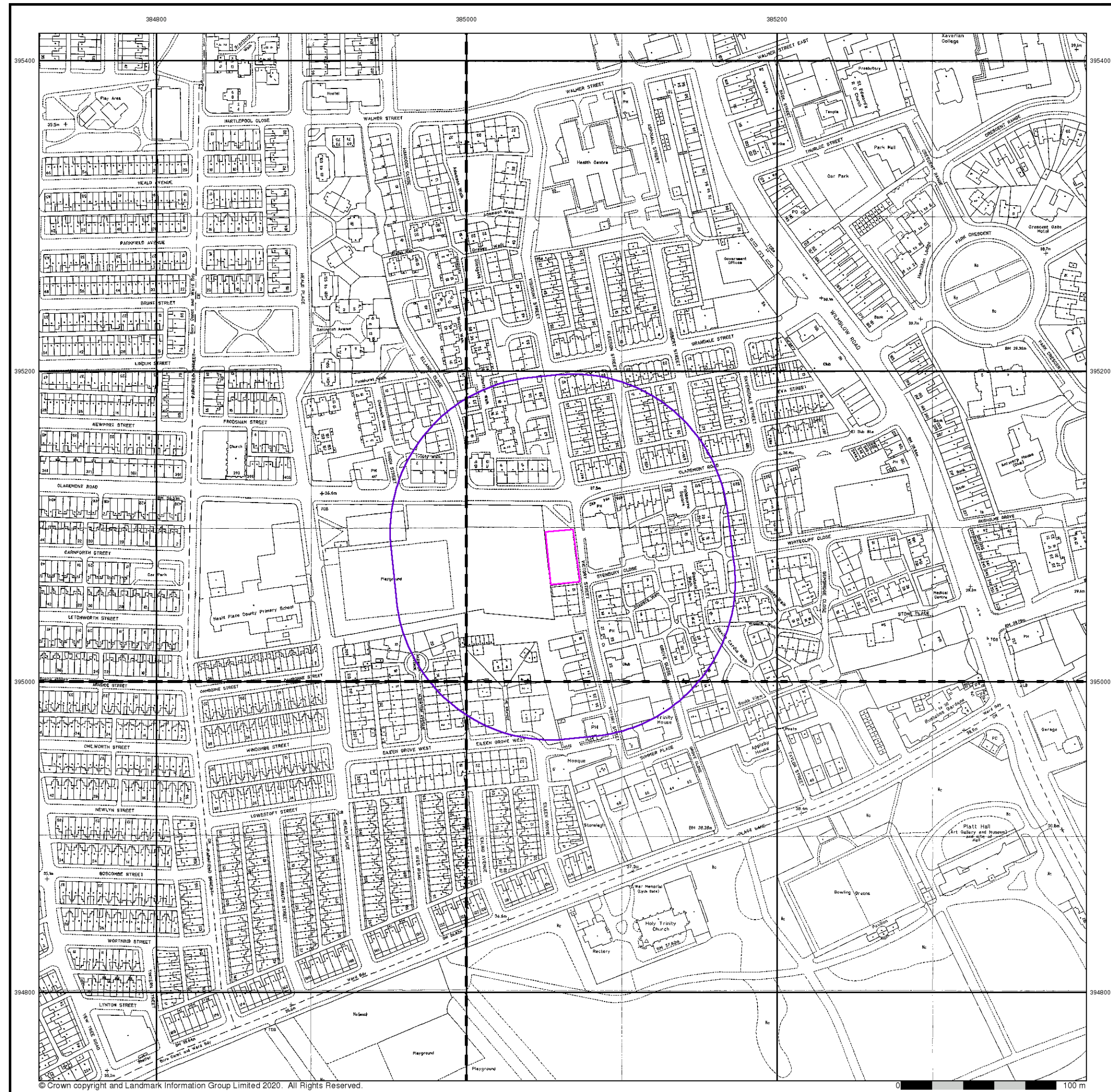
Order Details
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details
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Large-Scale National Grid Data

Published 1992

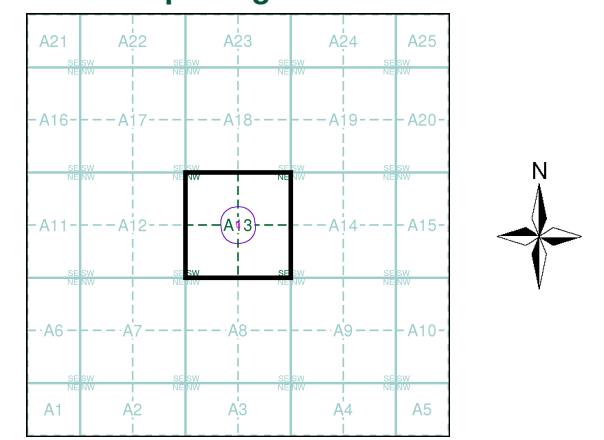
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8495SE	SJ8595SW
1992	1992
1:1,250	1:1,250
SJ8494NE	SJ8594NW
1992	1992
1:1,250	1:1,250

Historical Map - Segment A13



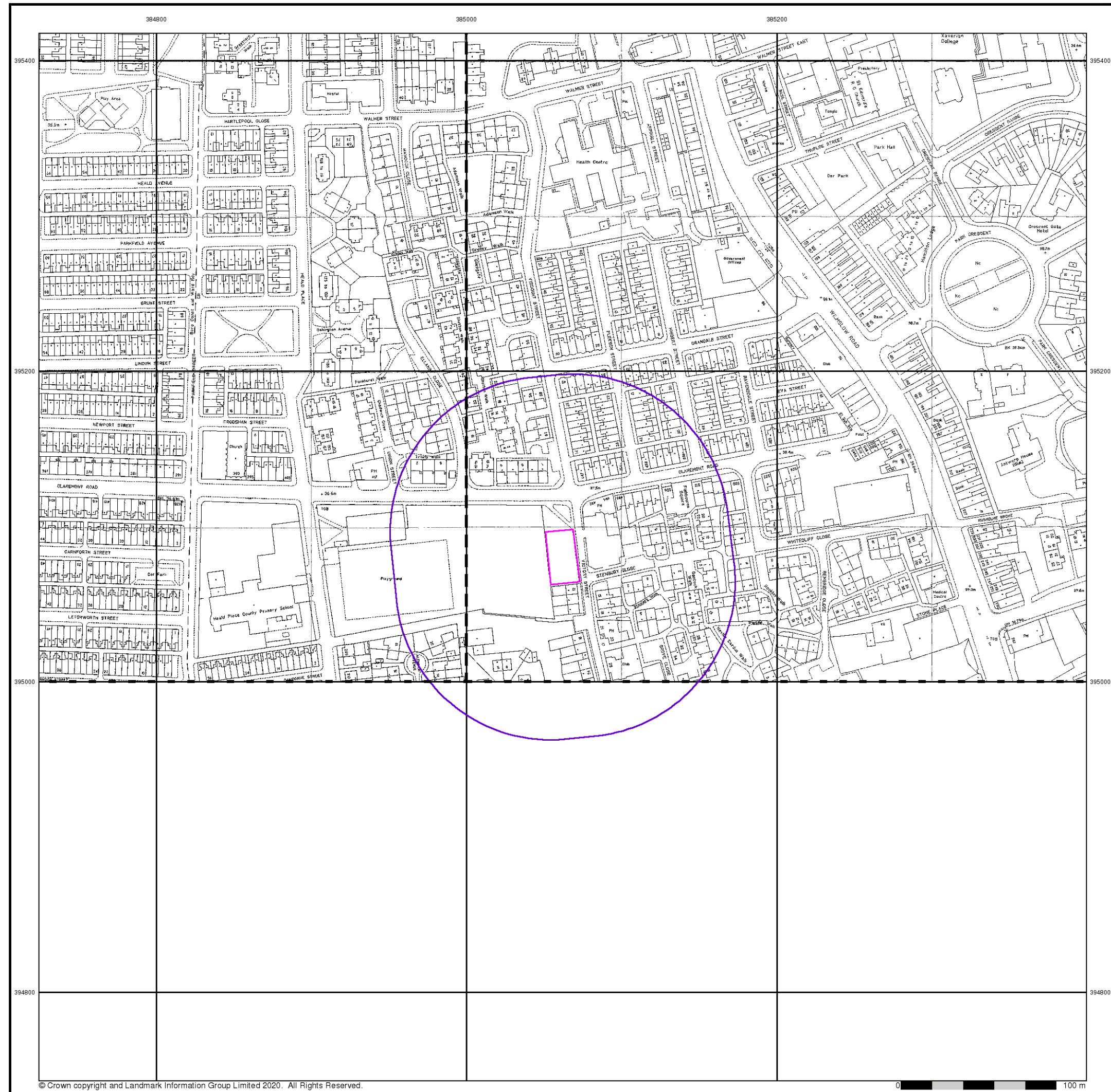
Order Details
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

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Large-Scale National Grid Data

Published 1993 - 1994

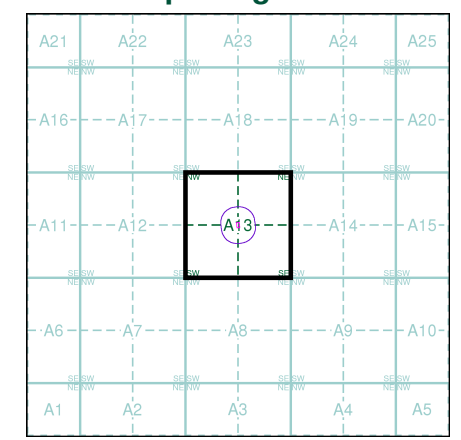
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8495SE	SJ8595SW
1993	1994
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Victory Street, MANCHESTER, M14 5AE





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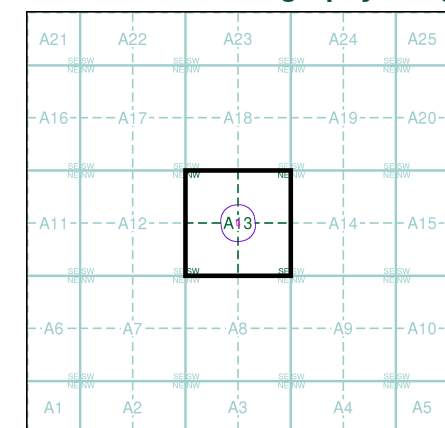
Sutcliffe

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

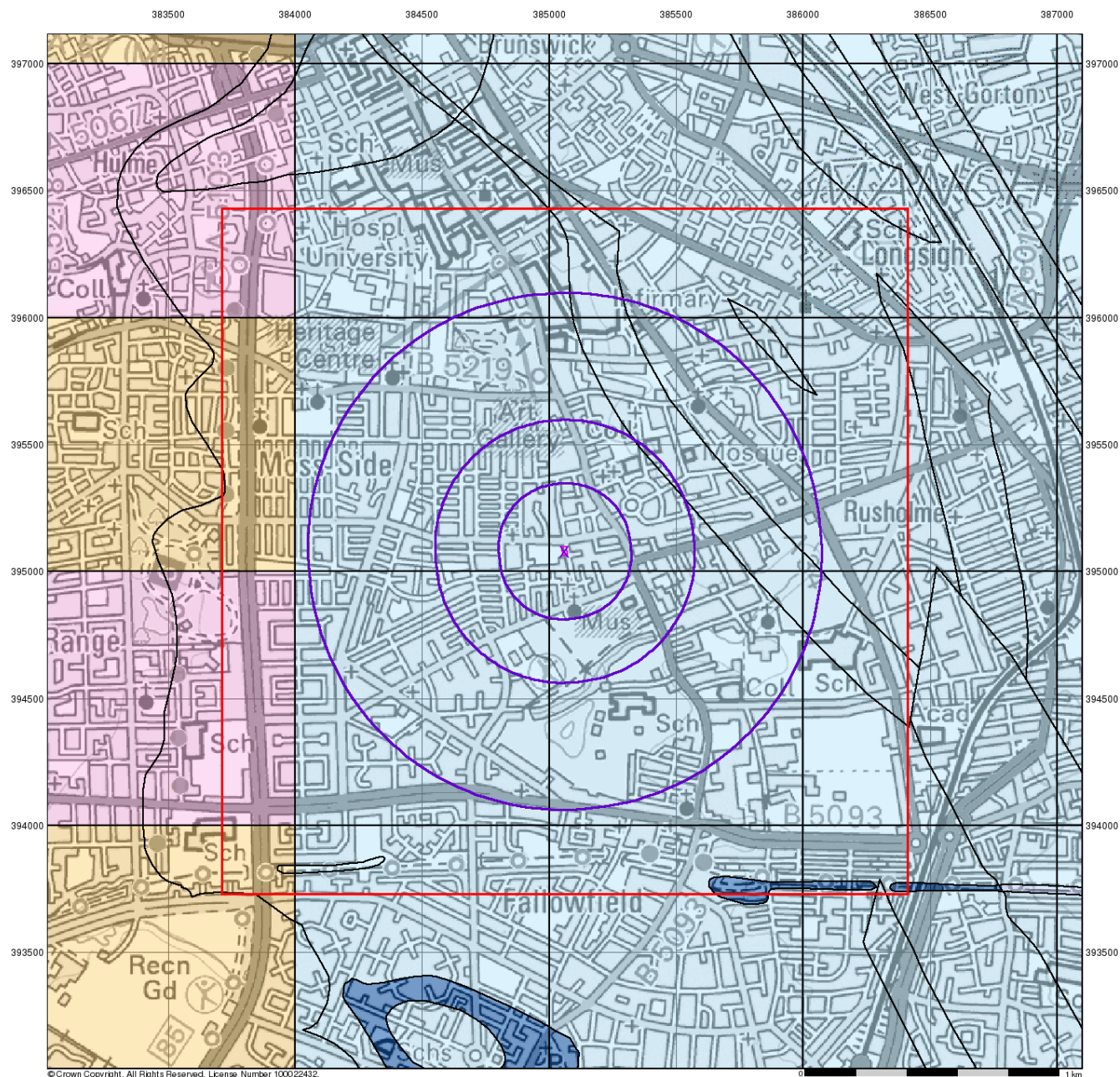
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

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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

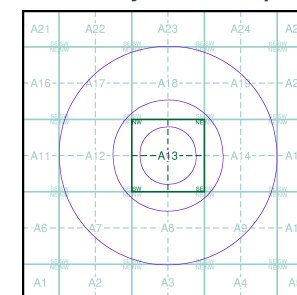
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

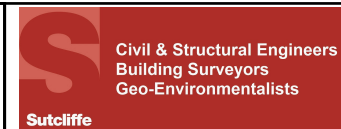
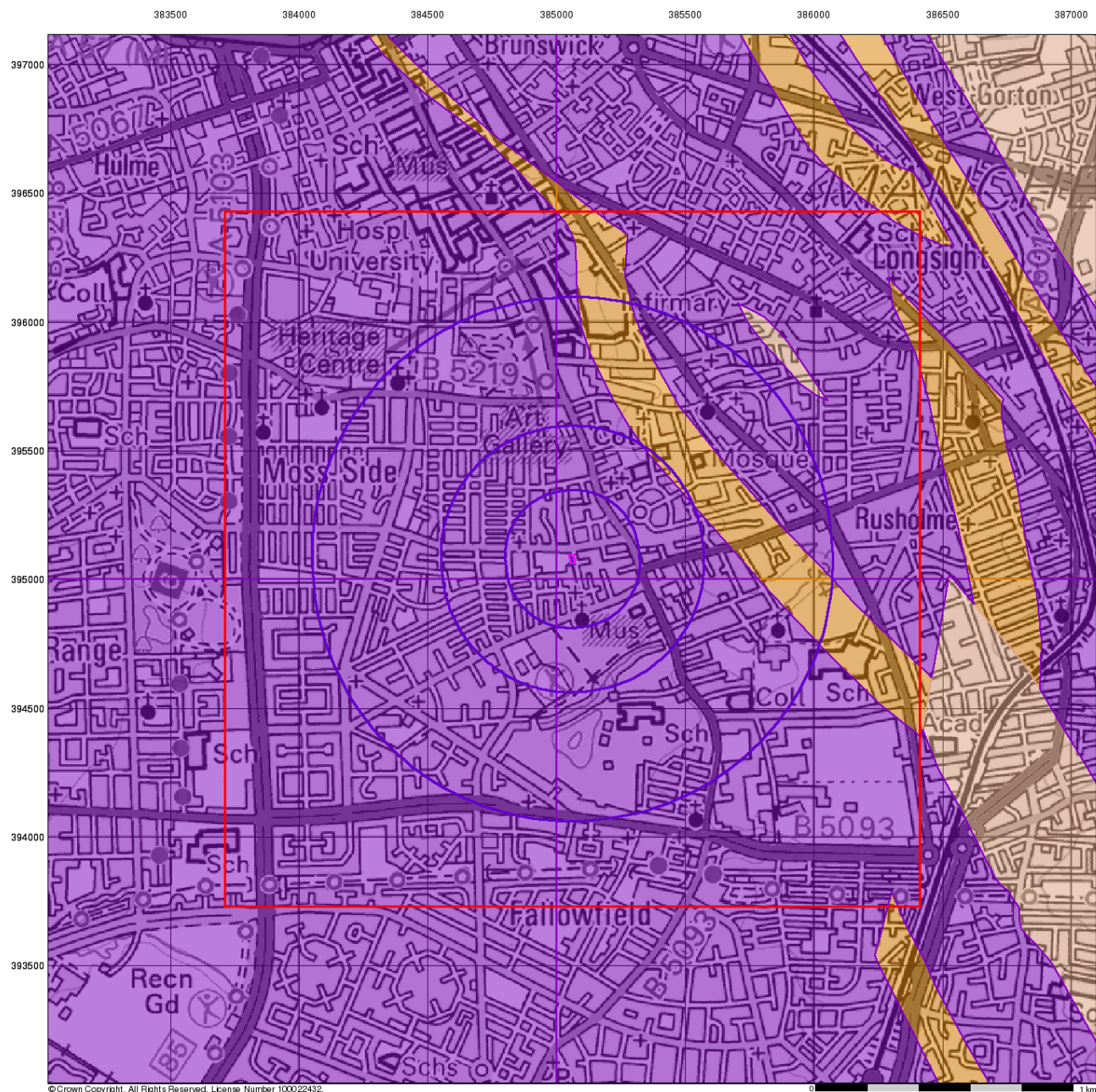
Order Number: 231684926_1_1
 Customer Ref: LG: 30669
 National Grid Reference: 385060, 395080
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

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Bedrock Aquifer Designation

General

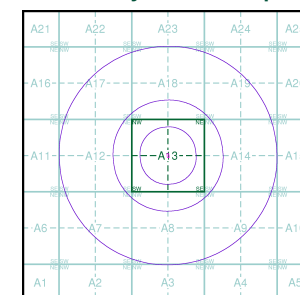
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

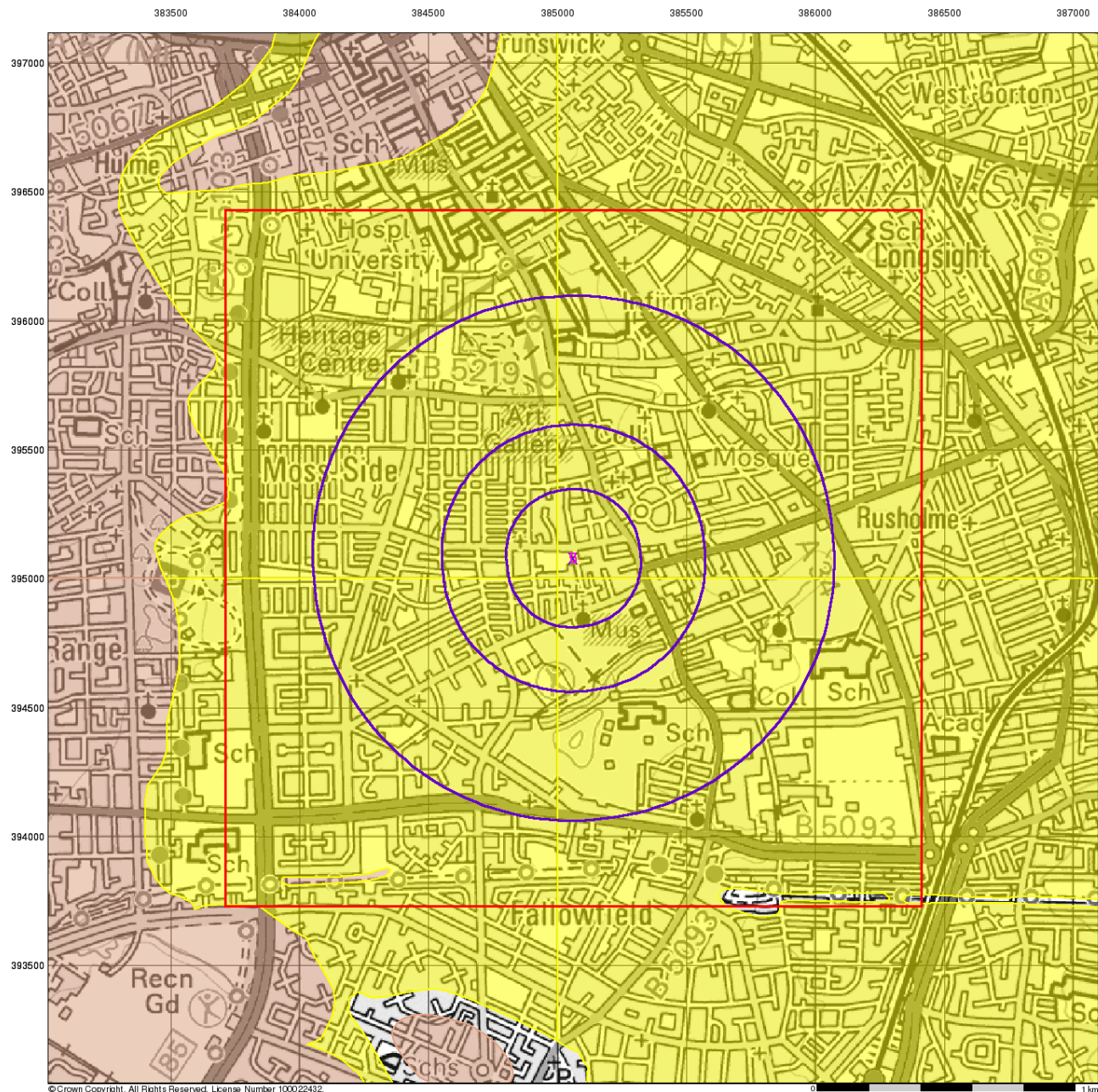
Order Number: 231684926_1_1
 Customer Ref: LG: 30669
 National Grid Reference: 385060, 395080
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

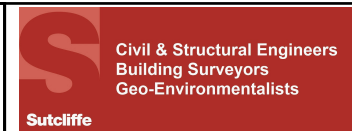
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Superficial Aquifer Designation

General

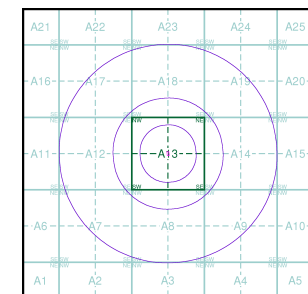
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

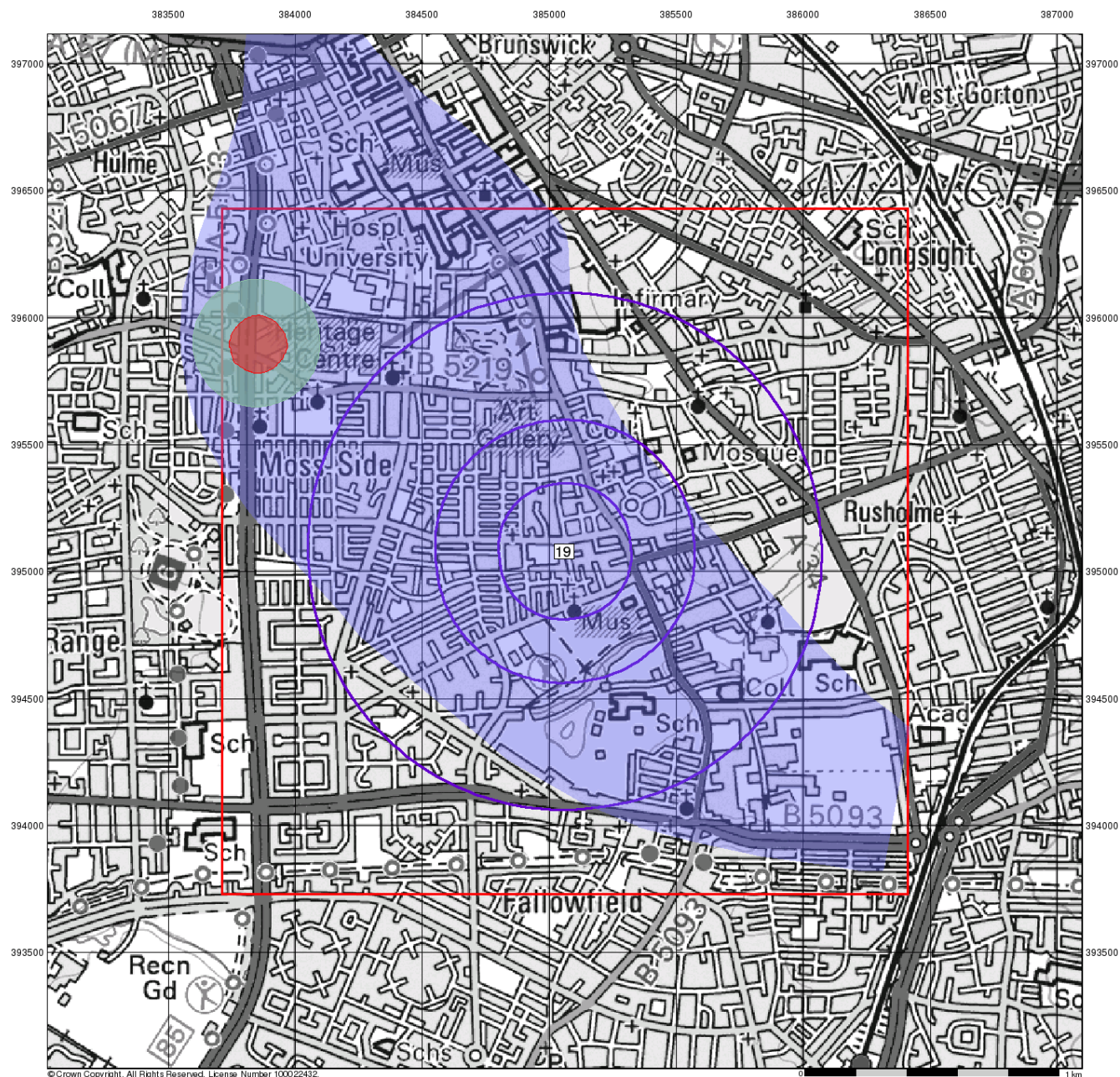
Order Number: 231684926_1_1
 Customer Ref: LG: 30669
 National Grid Reference: 385060, 395080
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

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Source Protection Zones

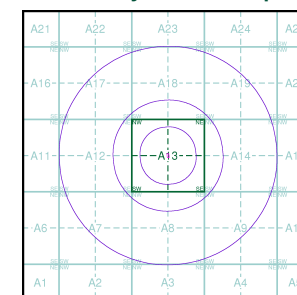
General

- 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

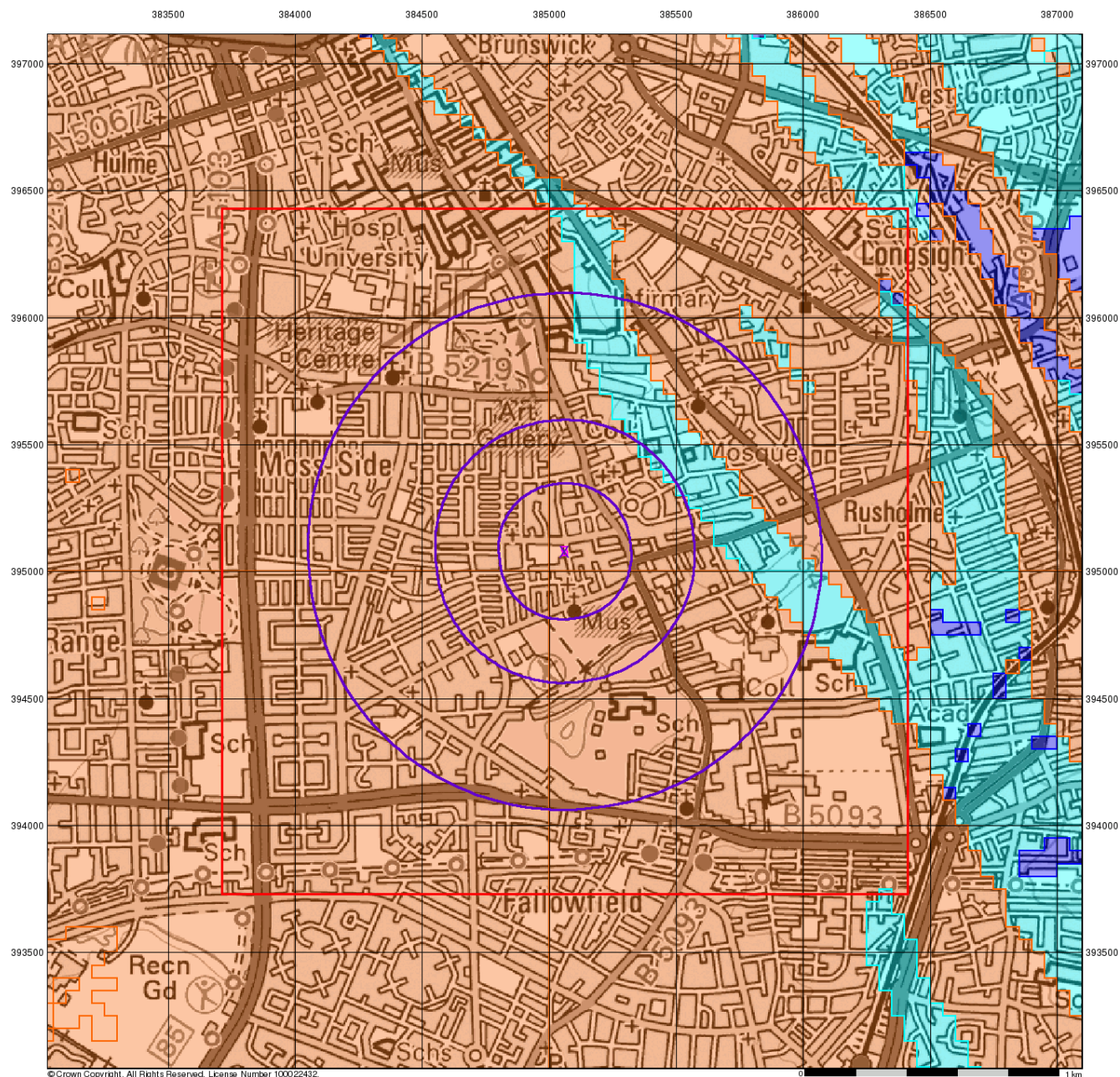
Order Number: 231684926_1_1
 Customer Ref: LG: 30669
 National Grid Reference: 385060, 395080
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

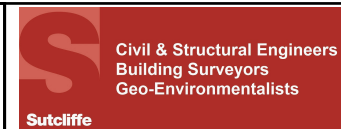
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BGS Flood GFS Data

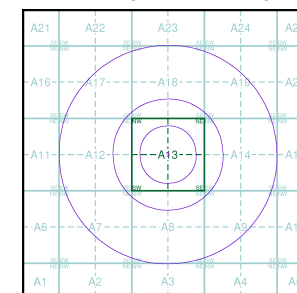
General

- 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: 231684926_1_1
 Customer Ref: LG: 30669
 National Grid Reference: 385060, 395080
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

231684926_1_1

Customer Reference:

LG: 30669

National Grid Reference:

385060, 395080

Slice:

A

Site Area (Ha):

0.07

Search Buffer (m):

1000

Site Details:

Victory Street
MANCHESTER
M14 5AE

Client Details:

MR W Baldwin
Sutcliffe Projects Ltd
18-20 Harrington Street
Liverpool
L2 9QA

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	12
Hazardous Substances	-
Geological	16
Industrial Land Use	21
Sensitive Land Use	-
Data Currency	35
Data Suppliers	41
Useful Contacts	42

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			1	6
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 2			2	6
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3			Yes	
Pollution Incidents to Controlled Waters	pg 4				8
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 5			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 5				1
Water Abstractions	pg 5				(*14)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 9	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 9	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Source Protection Zones	pg 9	1			
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 9			4	11

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 12				1
Local Authority Landfill Coverage	pg 12	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 12			1	
Potentially Infilled Land (Water)	pg 12		7	8	39
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 15				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
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 16	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 16	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 16				1
BGS Urban Soil Chemistry	pg 16			Yes	Yes
BGS Urban Soil Chemistry Averages	pg 18	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 18	Yes	n/a	n/a	n/a
Mining Instability			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 18	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 19	Yes	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 21		6	19	48
Fuel Station Entries	pg 27		1	2	4
Points of Interest - Commercial Services	pg 28		3	6	16
Points of Interest - Education and Health	pg 30				8
Points of Interest - Manufacturing and Production	pg 30			9	6
Points of Interest - Public Infrastructure	pg 32		1	4	4
Points of Interest - Recreational and Environmental	pg 32		2	3	11
Gas Pipelines					
Underground Electrical Cables					

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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
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: Limited Potential for Groundwater Flooding to Occur	A13SW (SE)	0	1	385062 395080
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	51	1	385000 395080
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	63	1	385062 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	83	1	385000 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (NE)	449	1	385400 395400
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Walmer St/Wilmslow Rd, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0382 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Unknown Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (N)	313	2	385150 395400
2	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Platt Lane Sewer Replace, Platt Lane, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016941067 Permit Version: 1 Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Platt Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	681	2	384900 394400
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road Cso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982917 Permit Version: 3 Effective Date: 8th November 1995 Issued Date: 8th November 1995 Revocation Date: 13th July 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Malkin Brook Trib Corn Bk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NW (N)	742	2	384850 395810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road Cso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982917 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 10th May 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Malkin Brook Trib Corn Bk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18NW (N)	742	2	384850 395810
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road Cso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982917 Permit Version: 2 Effective Date: 11th May 1995 Issued Date: Not Supplied Revocation Date: 7th November 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Malkin Brook Trib Corn Bk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18NW (N)	742	2	384850 395810
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Butler Street/Woodward Street Cso 112-130 Butler Street, ., Manchester, Greater Manchester, M4 7jj Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0038 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Medlock Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	821	2	385580 395740
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Butler Street/Woodward Street Cso 112-130 Butler Street, ., Manchester, Greater Manchester, M4 7jj Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0038 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Medlock Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	821	2	385580 395740
5	Local Authority Pollution Prevention and Controls Name: Wilmslow Service Station Location: 261 Wilmslow Road, Rusholme, MANCHESTER, Lancashire, M14 5NL Authority: Manchester City Council, Environmental Health Department Permit Reference: Pfs/19/98 Dated: 7th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A13SE (E)	335	3	385391 394960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Local Authority Pollution Prevention and Controls Name: Moss Side Service Station Location: Wilmslow Road, Rusholme, MANCHESTER, Lancashire, M14 5AQ Authority: Manchester City Council, Environmental Health Department Permit Reference: PFS/8/98 Dated: 22nd December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Located by supplier to within 10m	A18SE (N)	449	3	385071 395547
7	Local Authority Pollution Prevention and Controls Name: Tcs Rusholme Location: 25-33 Wilmslow Road, Rusholme, MANCHESTER, Lancashire, M14 5TB Authority: Manchester City Council, Environmental Health Department Permit Reference: PFS/39/98-99 Dated: 21st June 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18SE (N)	511	3	385118 395606
7	Local Authority Pollution Prevention and Controls Name: Tcs - Rusholme Location: 25-33 Wilmslow Road, Rusholme, M14 5tb Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/024/06 Dated: 22nd December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Located by supplier to within 10m	A18SE (N)	511	3	385110 395607
8	Local Authority Pollution Prevention and Controls Name: Save Service Station Whitworth Park Location: 490 Moss Lane East, Rusholme, MANCHESTER, Lancashire, M14 4PA Authority: Manchester City Council, Environmental Health Department Permit Reference: PFS/36/98/02 Dated: 16th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18SW (N)	576	3	384909 395655
9	Local Authority Pollution Prevention and Controls Name: Manchester Road Garages Location: Oxford Road, Rusholme, Manchester, Greater Manchester, M13 0jd Authority: Manchester City Council, Environmental Health Department Permit Reference: N/A Dated: 4th November 1993 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18NE (N)	682	3	385069 395780
10	Local Authority Pollution Prevention and Controls Name: Green Brothers Ltd Location: Condor Works, Rusholme Place, MANCHESTER, Lancashire, M14 5GB Authority: Manchester City Council, Environmental Health Department Permit Reference: 47/93 Dated: 31st August 1993 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18NE (N)	689	3	385131 395784
11	Local Authority Pollution Prevention and Controls Name: Wilbraham Road Service Station Location: 32 Wilbraham Road, Fallowfield, MANCHESTER, Lancashire, M14 7LW Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/052/10 Dated: 16th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A8SW (S)	957	3	384943 394113
	Nearest Surface Water Feature	A8NE (SE)	427	-	385311 394710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Gore Brook Incident Date: 5th September 1993 Incident Reference: 93641728 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	579	2	385200 394500
13	Pollution Incidents to Controlled Waters Property Type: Natural Sources Location: Platt Fields Park, Wilmslow Road, MANCHESTER, Greater Manchester Authority: Environment Agency, North West Region Pollutant: No Pollutant Note: Not Supplied Incident Date: 26th July 1999 Incident Reference: 30613 Catchment Area: River Mersey (Etherow) Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A8SW (S)	764	2	385001 394301
14	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident In Transit Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Petrol Note: Platt Brook; Petrol Incident Date: 6th November 1996 Incident Reference: 96642295 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	773	2	385600 394500
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Gore Brook Incident Date: 23rd April 1992 Incident Reference: 92640667 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	774	2	385800 394800
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Gore Brook Incident Date: 3rd September 1993 Incident Reference: 93641726 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	776	2	385800 394795
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Mud/Clay/Soil Note: Gore Brook Incident Date: 17th December 1991 Incident Reference: 91642011 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	781	2	385805 394795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	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: Crude Sewage Note: Nico Ditch Incident Date: 26th June 1995 Incident Reference: 95641530 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	864	2	384500 394400
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Gore Brook, Platt Fields And Birchfield Park Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Cloudy Incident Date: 26th January 1998 Incident Reference: SO980171 Catchment Area: Mersey - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	937	2	386000 395200
	River Quality Name: Chorlton Bk GQA Grade: River Quality B Reach: Qsl At Tan Yard Brow To Cringle Bk Estimated Distance (km): 5.9 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8NE (S)	364	2	385206 394726
18	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 12th April 2013 Incident Reference: 1101954 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: Inorganic Chemicals : Other	A14SW (SE)	624	2	385616 394759
	Water Abstractions Operator: Heineken Uk Ltd Licence Number: 2569007007 Permit Version: 102 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd November 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1404	2	383900 395900
	Water Abstractions Operator: Heineken Uk Ltd Licence Number: 2569007007 Permit Version: 102 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd November 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1404	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Scottish And Newcastle Uk Ltd Licence Number: 2569007007 Permit Version: 101 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1404	2	383900 395900
	Water Abstractions Operator: Scottish And Newcastle Uk Ltd Licence Number: 2569007007 Permit Version: 101 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1404	2	383900 395900
	Water Abstractions Operator: Scottish Courage Brewing Ltd Licence Number: 2569007007 Permit Version: 100 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 900 Yearly Rate (m3): 227000 Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1404	2	383900 395900
	Water Abstractions Operator: Scottish Courage Brewing Ltd Licence Number: 2569007007 Permit Version: 100 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1404	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Heineken Uk Ltd Licence Number: 2569007007 Permit Version: 103 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1438	2	383865 395909
	Water Abstractions Operator: Heineken Uk Ltd Licence Number: 2569007007 Permit Version: 103 Location: Borehole At Premises Moss Side Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Moss Side, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1438	2	383865 395909
	Water Abstractions Operator: G T Energy Uk Limited Licence Number: Nw/069/0004/005 Permit Version: 2 Location: Area Of Abstraction - Lower Carboniferous Limestone Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Heat Pump Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Devonshire Street, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 11th June 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1805	2	385729 396778
	Water Abstractions Operator: Gt Energy Limited Licence Number: Nw/069/0004/005 Permit Version: 1 Location: Area Of Abstraction - Lower Carboniferous Limestone Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Heat Pump Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th January 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1805	2	385729 396778

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hydes Brewery Ltd Licence Number: 2569007009 Permit Version: 103 Location: Borehole At Premises, Moss Lane West Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 46 Moss Lane West, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th July 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1980	2	383220 395850
	Water Abstractions Operator: Hydes Brewery Ltd Licence Number: 2569007009 Permit Version: 102 Location: Borehole At Premises, Moss Lane West Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 46 Moss Lane West Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1980	2	383220 395850
	Water Abstractions Operator: Hydes Brewery Ltd Licence Number: 2569007009 Permit Version: 101 Location: Borehole At Premises, Moss Lane West Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 373 Yearly Rate (m3): 66826 Details: 46 Moss Lane West, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th October 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1980	2	383220 395850
	Water Abstractions Operator: Hydes Brewery Ltd Licence Number: 2569007009 Permit Version: 101 Location: Borehole At Premises, Moss Lane West Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 46 Moss Lane West, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th October 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1980	2	383220 395850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13SW (SE)	0	4	385062 395080
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SW (SE)	0	4	385062 395080
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (SE)	0	4	385062 395080
19	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SW (SE)	0	2	385062 395080
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 157.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	429	5	385313 394710
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 457.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	431	5	385294 394695
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	431	5	385297 394698

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A14SW (SE)	482	5	385442 394755
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 191.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A14SW (SE)	626	5	385618 394758
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: Underground Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A8NW (S)	632	5	384941 394442
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A8NW (S)	636	5	384931 394439
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A8NW (S)	639	5	384924 394437
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	639	5	384921 394438
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 967.0 Watercourse Level: Underground Permanent: True Watercourse Name: Platt Brook Catchment Name: Mersey Primacy: 1	A8NW (S)	641	5	384920 394436
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 379.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	674	5	385221 394408
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	774	5	385768 394725

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gore Brook Catchment Name: Mersey Primacy: 1	A14SE (SE)	774	5	385776 394743
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gore Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	800	5	385845 394857
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gore Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	845	5	385901 394898

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Licensed Waste Management Facilities (Locations) Licence Number: 53906 Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Operator Name: Central Manchester University Hospitals N H S Foundation Trust Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Clinical Waste Transfer Stations Licence Status: Surrendered Issued: 18th April 1990 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 24th August 2012 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NW (N)	868	2	385400 395900
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	6	385062 395080
36	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12SE (W)	374	-	384683 395015
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	94	-	385014 394978
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	98	-	385013 395187
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (N)	125	-	385047 395221
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	149	-	384924 394992
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	214	-	384880 395225
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (S)	214	-	385095 394852
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (W)	219	-	384845 394999
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	260	-	384848 394905
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	268	-	384783 395092
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	276	-	384801 395214
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A13SW (SW)	335	-	384804 394840
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	419	-	384662 394916
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	442	-	384610 395109
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A12NE (NW)	473	-	384676 395384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (NW)	483	-	384792 395504
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	544	-	385496 394724
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NE (SE)	582	-	385320 394539
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	584	-	385655 395098
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	596	-	384498 395317
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A8NW (S)	628	-	384939 394446
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	631	-	385534 394634
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (NW)	645	-	384740 395662
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SW (S)	678	-	384911 394401
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	693	-	384936 395779
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SW (NW)	702	-	384749 395730
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7NE (SW)	703	-	384473 394668
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A8SE (S)	723	-	385226 394358
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	739	-	385696 394669
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	746	-	384313 395202
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	764	-	384532 395658
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	765	-	384299 395234
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	797	-	385312 395856
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	801	-	385846 394859
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	820	-	385381 395856
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A9NE (SE)	831	-	385814 394690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SW (NE)	835	-	385651 395696
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17NE (NW)	846	-	384601 395813
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	851	-	385274 394238
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	854	-	384209 395242
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SE (S)	860	-	385363 394255
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	872	-	384204 395304
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	877	-	384180 395196
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	883	-	385855 395498
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	883	-	384186 394900
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	895	-	384178 394879
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	913	-	384329 395656
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (N)	942	-	385428 395968
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	955	-	385010 394109
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	971	-	384124 395385
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	973	-	384281 395691
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	979	-	384074 395033
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	982	-	385272 394104
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A19SE (NE)	983	-	385973 395483
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A14SE (E)	985	-	386057 395069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	Registered Waste Treatment or Disposal Sites Licence Holder: Central Manchester Area Health Auth Licence Reference: 00589/M01 Site Location: Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9wl Operator Location: Cobbett House, Manchester, Greater Manchester Authority: Environment Agency - North West Region, South Area Site Category: Storage Max Input Rate: Undefined Waste Source: Only waste produced on site Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st April 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Contaminated Rubbish/Bags/Sacks Domestic/Com. From Hospital Sources Hospital Clinical Wastes Medical, Surgical, Veterinary Wastes	A18NE (N)	932	2	385300 396000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SW (SE)	0	1	385062 395080
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SE)	0	1	385062 395080
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (NE)	473	1	385433 395400
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A19SW (NE)	681	1	385606 395515
92	BGS Recorded Mineral Sites Site Name: Moss Side Brick Works Location: Moss Side, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 91151 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SE (W)	513	1	384556 394942
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384830, 395220 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 18.10 mg/kg Cadmium Measured Concentration: 0.90 mg/kg Chromium Measured Concentration: 106.60 mg/kg Lead Measured Concentration: 165.80 mg/kg Nickel Measured Concentration: 22.70 mg/kg	A13NW (NW)	253	1	384830 395220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 385330, 395260 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 10.30 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 40.70 mg/kg Concentration: Lead Measured 78.80 mg/kg Concentration: Nickel Measured 16.70 mg/kg Concentration:	A13NE (NE)	308	1	385330 395260
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 385220, 395710 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 35.50 mg/kg Concentration: Cadmium Measured 1.00 mg/kg Concentration: Chromium Measured 172.40 mg/kg Concentration: Lead Measured 579.80 mg/kg Concentration: Nickel Measured 36.30 mg/kg Concentration:	A18SE (N)	631	1	385220 395710
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 385740, 395280 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 33.60 mg/kg Concentration: Cadmium Measured 1.50 mg/kg Concentration: Chromium Measured 107.60 mg/kg Concentration: Lead Measured 261.90 mg/kg Concentration: Nickel Measured 101.00 mg/kg Concentration:	A14NE (E)	696	1	385740 395280
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384830, 395870 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 26.80 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 74.20 mg/kg Concentration: Lead Measured 291.00 mg/kg Concentration: Nickel Measured 30.00 mg/kg Concentration:	A18NW (N)	805	1	384830 395870
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384250, 395280 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 14.60 mg/kg Concentration: Cadmium Measured 0.90 mg/kg Concentration: Chromium Measured 67.10 mg/kg Concentration: Lead Measured 133.80 mg/kg Concentration: Nickel Measured 22.60 mg/kg Concentration:	A12NW (W)	822	1	384250 395280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 385800, 395730 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 25.50 mg/kg Cadmium Measured Concentration: 0.60 mg/kg Chromium Measured Concentration: 77.20 mg/kg Lead Measured Concentration: 327.90 mg/kg Nickel Measured Concentration: 30.50 mg/kg	A19SE (NE)	967	1	385800 395730
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Manchester Count Id: 300 Arsenic Minimum Concentration: 3.00 mg/kg Arsenic Average Concentration: 28.00 mg/kg Arsenic Maximum Concentration: 1008.00 mg/kg Cadmium Minimum Concentration: 0.30 mg/kg Cadmium Average Concentration: 1.40 mg/kg Cadmium Maximum Concentration: 80.30 mg/kg Chromium Minimum Concentration: 29.00 mg/kg Chromium Average Concentration: 92.00 mg/kg Chromium Maximum Concentration: 1252.00 mg/kg Lead Minimum Concentration: 20.00 mg/kg Lead Average Concentration: 270.00 mg/kg Lead Maximum Concentration: 2687.00 mg/kg Nickel Minimum Concentration: 5.00 mg/kg Nickel Average Concentration: 32.00 mg/kg Nickel Maximum Concentration: 137.00 mg/kg	A13SW (SE)	0	1	385062 395080
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (SE)	0	7	385062 395080
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	51	1	385000 395080
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	63	1	385062 395000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	83	1	385000 395000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	51	1	385000 395080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	63	1	385062 395000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	83	1	385000 395000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	51	1	385000 395080
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	63	1	385062 395000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	83	1	385000 395000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	51	1	385000 395080
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	63	1	385062 395000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	83	1	385000 395000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	51	1	385000 395080
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	63	1	385062 395000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	83	1	385000 395000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	51	1	385000 395080
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	63	1	385062 395000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	83	1	385000 395000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	229	1	385152 394850
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	385062 395080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	Contemporary Trade Directory Entries Name: Rubbish Removals Location: 52, Viscount Street, Manchester, M14 5UH Classification: Rubbish Clearance Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	116	-	385038 395212
94	Contemporary Trade Directory Entries Name: Northern 14 Dust Fairies & Handyman Services Location: 133, Heald Place, Manchester, M14 4AT Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	219	-	384908 395262
95	Contemporary Trade Directory Entries Name: Charles Wilson Auto Engineers Location: 160-164, Wilmslow Road, Manchester, M14 5LQ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	231	-	385301 395031
95	Contemporary Trade Directory Entries Name: Strand Location: 172, Wilmslow Road, Manchester, M14 5LQ Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	265	-	385330 395003
96	Contemporary Trade Directory Entries Name: Eastern Gold Location: 161, Wilmslow Road, Manchester, M14 5AP Classification: Jewellery Manufacturers & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	241	-	385234 395272
97	Contemporary Trade Directory Entries Name: K & C Cleaning Location: 76, Wilmslow Road, Manchester, Lancashire, M14 5AL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	244	-	385147 395329
98	Contemporary Trade Directory Entries Name: Amee Location: 195-197, Wilmslow Road, Manchester, M14 5AQ Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	248	-	385298 395192
99	Contemporary Trade Directory Entries Name: Rusholme Pharmacy Location: 239, Wilmslow Road, Manchester, M14 5LW Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	263	-	385335 395082
99	Contemporary Trade Directory Entries Name: Baloch M O T Centre Location: Manchester, Greater Manchester, M14 5lw Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (E)	266	-	385338 395077
99	Contemporary Trade Directory Entries Name: El Rached Import & Export Ltd Location: 8, Rusholme Grove West, Manchester, M14 5BT Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	282	-	385353 395099
100	Contemporary Trade Directory Entries Name: Mona Lisa (Manchester) Ltd Location: Unit 2, Walmer Street East, Rusholme, Manchester, M14 5SS Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	302	-	385198 395370
100	Contemporary Trade Directory Entries Name: Euro Testing Station Location: 5-7, Walmer Street East, Manchester, M14 5SS Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	344	-	385197 395416

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	Contemporary Trade Directory Entries Name: Euro Testing Station Location: Walmer St East, Rusholme, Manchester, Lancashire, M14 5SS Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	348	-	385204 395418
101	Contemporary Trade Directory Entries Name: Shisha House Ltd Location: Unit 7 Walmer Street East, Rusholme, Manchester, Greater Manchester, M14 5SS Classification: Catering Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	360	-	385208 395429
101	Contemporary Trade Directory Entries Name: Star Snacks Location: Unit 4, Dagenham Road Industrial Estate, Manchester, M14 5ED Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	380	-	385182 395461
101	Contemporary Trade Directory Entries Name: Oxford Garage Location: Unit 3, Dagenham Road Industrial Estate, Manchester, M14 5ED Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	388	-	385179 395470
102	Contemporary Trade Directory Entries Name: Rusholme Service Station Location: 10 Wilmslow Road, Manchester, Greater Manchester, M14 5TQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (N)	369	-	385115 395464
103	Contemporary Trade Directory Entries Name: Arch Catering Equipment Location: 200, Platt Lane, Manchester, M14 7DE Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	399	-	384782 394771
104	Contemporary Trade Directory Entries Name: Hawler Laundry Location: 341 Claremont Road, Manchester, Greater Manchester, M14 7NB Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	414	-	384640 395142
105	Contemporary Trade Directory Entries Name: Photo Zone Location: 69, Wilmslow Road, Manchester, M14 5TB Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	421	-	385139 395512
105	Contemporary Trade Directory Entries Name: Photozone Location: 69, Wilmslow Road, Manchester, Lancashire, M14 5TB Classification: Photo & Digital Imaging Bureaus Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	421	-	385139 395512
105	Contemporary Trade Directory Entries Name: Photolink Location: 55, Wilmslow Road, Manchester, M14 5TB Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	441	-	385131 395535
106	Contemporary Trade Directory Entries Name: Bicycle Doctor Location: 68-70, Dickenson Road, Manchester, M14 5HF Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	427	-	385499 395062

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Contemporary Trade Directory Entries Name: U Products Co Ltd Location: Unity House, 42, Great Southern Street, Manchester, M14 4EZ Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	460	-	384679 395366
108	Contemporary Trade Directory Entries Name: M E S Location: 273-275 Wilmslow Road, Manchester, Greater Manchester, M14 5JQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	490	-	385473 394782
109	Contemporary Trade Directory Entries Name: Scrap Car Now Today Cash Rusholme Location: Wilmslow Road, Manchester, Lancashire, m14 5tp Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	506	-	385056 395604
109	Contemporary Trade Directory Entries Name: Manchester Flatpack Location: Suite 611,6 Wilmslow Road, Manchester, Greater Manchester, M14 5TP Classification: Boxes & Cartons Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	506	-	385056 395604
109	Contemporary Trade Directory Entries Name: Mail Boxes Etc Location: 6, Wilmslow Road, Manchester, M14 5TP Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	507	-	385056 395604
109	Contemporary Trade Directory Entries Name: United Halal Centre Location: 6, Wilmslow Road, Manchester, M14 5TP Classification: Meat - Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	507	-	385056 395604
109	Contemporary Trade Directory Entries Name: Shell Service Station Location: 8, Wilmslow Road, Manchester, M14 5TP Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	517	-	385059 395615
110	Contemporary Trade Directory Entries Name: Rusholme Service Station Location: 25-33, Wilmslow Road, Manchester, M14 5TB Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	511	-	385118 395606
111	Contemporary Trade Directory Entries Name: Domestic Care Location: 352, Great Western Street, Manchester, M14 4BY Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	520	-	384728 395503
111	Contemporary Trade Directory Entries Name: Domestic Care Appliance Ltd Location: 352, Great Western Street, Manchester, M14 4BY Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	520	-	384728 395503
112	Contemporary Trade Directory Entries Name: Whitworth Autos Location: 6 Heald Gro, Manchester, M14 4PB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	529	-	384918 395608
112	Contemporary Trade Directory Entries Name: Save Service Station Location: 490, Moss Lane East, Manchester, M14 4PA Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	576	-	384909 395655

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Contemporary Trade Directory Entries Name: Hamley Car Dealers Location: Manchester, Greater Manchester, M14 6hq Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	585	-	385512 394679
114	Contemporary Trade Directory Entries Name: Z A Majid & Co Location: Flat 73, Appleby Lodge, Wilmslow Road, Manchester, Lancashire, M14 6HG Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	637	-	385606 394716
115	Contemporary Trade Directory Entries Name: Best Cleaning Manchester Location: 4, Gascoyne Street, Manchester, M14 4FU Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	647	-	384508 395449
116	Contemporary Trade Directory Entries Name: Aayo Travel Cargo Location: 304, Claremont Road, Manchester, M14 4EP Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	651	-	384403 395157
117	Contemporary Trade Directory Entries Name: Caribbean Style Agency Location: 235, Great Western Street, Manchester, M14 4LQ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	704	-	384502 395537
117	Contemporary Trade Directory Entries Name: Henson Hardware Location: 227-229, Great Western Street, Manchester, M14 4LG Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	729	-	384473 395541
117	Contemporary Trade Directory Entries Name: Oudscent Location: 2, Maine Road, Manchester, M14 4DW Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	765	-	384462 395585
117	Contemporary Trade Directory Entries Name: Olympics Ltd Location: 37-39 Upper Lloyd St, Manchester, Lancashire, M14 4HY Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	765	-	384462 395584
118	Contemporary Trade Directory Entries Name: H & M Location: 76, Conyngham Road, Manchester, M14 5EA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	771	-	385816 395284
119	Contemporary Trade Directory Entries Name: M C R Barber Supplies Location: 27, Lloyd Street South, Manchester, M14 7HS Classification: Electrical goods - servicing & repairs Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	801	-	384271 394895
120	Contemporary Trade Directory Entries Name: Andrology Laboratory Within Old St Marys Hospital Location: St. Marys Hospital, Hathersage Road, Manchester, M13 0JH Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	808	-	385053 395906
121	Contemporary Trade Directory Entries Name: Tesco Petrol Station Location: Upper Brook Street, Manchester, Greater Manchester, M13 0HL Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	811	-	385489 395791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	Contemporary Trade Directory Entries Name: Brag Cleaning Services Location: 48, Danes Road, Manchester, M14 5JS Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	818	-	385811 394713
123	Contemporary Trade Directory Entries Name: J M Polishing Location: 54, Hart Road, Manchester, M14 7AD Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	832	-	384642 394340
124	Contemporary Trade Directory Entries Name: A & Co Shutters Location: 69a, Monton Street, Manchester, M14 4LS Classification: Roller Shutter Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	845	-	384391 395623
124	Contemporary Trade Directory Entries Name: Greenheys Workshop Location: Monton St, Manchester, M14 4LS Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	847	-	384350 395571
124	Contemporary Trade Directory Entries Name: Greenheys M O T Station Location: Unit 4 Monton Street, Monton Trading Estate, Manchester, Greater Manchester, M14 4LS Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SW (NW)	854	-	384369 395610
124	Contemporary Trade Directory Entries Name: Greenhey'S M O T Station Ltd Location: Unit 4 Monton Street, Monton Trading Estate, Manchester, Greater Manchester, M14 4LS Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	870	-	384354 395616
125	Contemporary Trade Directory Entries Name: Zain Cargo & Travel Location: 145, Dickenson Road, Manchester, Lancashire, M14 5HZ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	903	-	385958 395246
125	Contemporary Trade Directory Entries Name: Roniloid Co Ltd Location: 145a, Dickenson Road, Manchester, M14 5HZ Classification: Refrigerators & Freezers - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	921	-	385976 395252
126	Contemporary Trade Directory Entries Name: Band Box Laundry Location: 72, Hathersage Road, Manchester, M13 0FN Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	913	-	385523 395889
126	Contemporary Trade Directory Entries Name: Spencer Cleaners (Manchester) Ltd Location: 64, Hathersage Road, Manchester, M13 0FN Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	930	-	385547 395895
126	Contemporary Trade Directory Entries Name: Automach Location: 90a, Carmoor Road, Manchester, M13 0FB Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	944	-	385528 395922

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	Contemporary Trade Directory Entries Name: Carmoor Road Garage Location: 90, Carmoor Road, Manchester, M13 0FB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	954	-	385521 395938
126	Contemporary Trade Directory Entries Name: Carmoor Road Garage Location: 90, Carmoor Road, Manchester, M13 0FB Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	955	-	385522 395939
126	Contemporary Trade Directory Entries Name: P Rafter Location: 90, Carmoor Road, Manchester, M13 0FB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	955	-	385522 395939
127	Contemporary Trade Directory Entries Name: Central Manchester Foundation Trust Location: Manchester Royal Infirmary, Oxford Road, MANCHESTER, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	913	-	385228 395997
128	Contemporary Trade Directory Entries Name: Nai Tyre Distribution Location: 302, Platt Lane, Manchester, Lancashire, M14 7BZ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	914	-	384321 394519
128	Contemporary Trade Directory Entries Name: R & P Clough Location: 310, Platt Lane, Manchester, M14 7BZ Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	941	-	384301 394498
128	Contemporary Trade Directory Entries Name: City Domestic Appliances Location: 314, Platt Lane, Manchester, M14 7DA Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	949	-	384293 394498
129	Contemporary Trade Directory Entries Name: Jason Wang Ltd Location: Victoria Hall, 281, Upper Brook Street, Manchester, Lancashire, M13 0FZ Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	916	-	385447 395931
130	Contemporary Trade Directory Entries Name: Hart Road Motor Company Ltd Location: 112, Hart Road, Manchester, M14 7BB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	933	-	384933 394138
130	Contemporary Trade Directory Entries Name: B P Service Station Location: 32, Wilbraham Road, Manchester, M14 7DW Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	957	-	384943 394113
130	Contemporary Trade Directory Entries Name: Save Location: 32, Wilbraham Road, Manchester, Lancashire, M14 7DW Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	957	-	384943 394113
130	Contemporary Trade Directory Entries Name: Euro Garages Location: 32, Wilbraham Road, Manchester, M14 7DW Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	957	-	384943 394113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	Contemporary Trade Directory Entries Name: Butler Refrigeration Ltd Location: 30, Laurel Avenue, Manchester, Lancashire, M14 7JW Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	938	-	384122 394961
132	Contemporary Trade Directory Entries Name: Care Fertility Manchester Location: Victoria Park Hospital, 110-112, Daisy Bank Road, Manchester, M14 5QH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	950	-	385709 395799
132	Contemporary Trade Directory Entries Name: Manchester Lifestyle Hospital Location: Victoria Park Hospital, 110-112, Daisy Bank Road, Manchester, M14 5QH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	950	-	385709 395799
133	Fuel Station Entries Name: Save Don Location: 205, Wilmslow Road , Handforth , Wilmslow, Cheshire East, SK9 3JX Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13NE (E)	250	-	385307 395172
134	Fuel Station Entries Name: Wilmslow Service Station Location: 261-263, Wilmslow Road , Rusholme , Manchester, Greater Manchester, M14 5LN Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A13SE (E)	336	-	385392 394960
135	Fuel Station Entries Name: Mfg Rusholme Location: 10, Wilmslow Road , Rusholme , Manchester, Greater Manchester, M14 5TQ Brand: Shell Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A18SE (N)	466	-	385069 395564
136	Fuel Station Entries Name: Rusholme Service Station Location: 25-33, Wilmslow Road , Rusholme , Manchester, Greater Manchester, M14 5TB Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A18SE (N)	513	-	385119 395608
137	Fuel Station Entries Name: Save Whitworth Park Location: 490, Moss Lane East Heald Grove & Heald Place, Rusholme , Manchester, Greater Manchester, M14 4PA Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A18SW (N)	521	-	384957 395608
138	Fuel Station Entries Name: Cordingley Service Station Location: 353, Moss Lane East , , Manchester, Greater Manchester, M14 4PY Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A17SE (NW)	765	-	384612 395722
139	Fuel Station Entries Name: Wilbraham Road Service Station Location: 32, Wilbraham Road , Fallowfield , Manchester, Greater Manchester, M14 7DW Brand: Esso Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A8SW (S)	946	-	384942 394124

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	Points of Interest - Commercial Services Name: Charles Wilson Location: 160-164 Wilmslow Road, Manchester, M14 5LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (E)	229	8	385302 395068
140	Points of Interest - Commercial Services Name: Chas Wilson Location: 160-164 Wilmslow Road, Manchester, M14 5LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (E)	229	8	385302 395068
140	Points of Interest - Commercial Services Name: Charles Wilson Auto Engineers Location: 160-164 Wilmslow Road, Manchester, M14 5LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (E)	231	8	385301 395031
140	Points of Interest - Commercial Services Name: Baloch M O T Centre Location: 1 Dickinson Road, Manchester, M14 5LW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (E)	286	8	385358 395076
141	Points of Interest - Commercial Services Name: Euro Testing Station Location: Unit 4a, Walmer Street East, Rusholme, Manchester, M14 5SS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	321	8	385218 395382
142	Points of Interest - Commercial Services Name: Super Quick Shine (Manchester) Ltd Location: 263 Wilmslow Road, Manchester, M14 5LN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (E)	336	8	385392 394960
143	Points of Interest - Commercial Services Name: Shell Rusholme Location: 10 Wilmslow Road, Rusholme, Manchester, M14 5TQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SW (N)	447	8	385059 395545
143	Points of Interest - Commercial Services Name: Car Wash Location: 10 Wilmslow Road, Rusholme, Manchester, Lancashire, M14 5TQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SE (N)	466	8	385069 395564
144	Points of Interest - Commercial Services Name: M E S Location: 273-275 Wilmslow Road, Manchester, M14 5JQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (SE)	490	8	385473 394782
145	Points of Interest - Commercial Services Name: Caribbean Style Agency Location: 235 Great Western Street, Manchester, M14 4LQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	704	8	384501 395536
146	Points of Interest - Commercial Services Name: Greenheys MOT Station Location: Monton Street, Manchester, M14 4LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	823	8	384373 395563
147	Points of Interest - Commercial Services Name: Greenheys M O T Station Location: Unit 4 Monton Street, Monton Trading Estate, Manchester, M14 4LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	879	8	384374 395656

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	Points of Interest - Commercial Services Name: Zain Cargo & Travel Location: 145 Dickenson Road, Manchester, M14 5HZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	903	8	385958 395246
148	Points of Interest - Commercial Services Name: Zain Cargo & Travel Location: 145 Dickenson Road, Manchester, M14 5HZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	903	8	385958 395246
149	Points of Interest - Commercial Services Name: Hart Road Service Station Location: 112 Hart Road, Manchester, M14 7BB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	935	8	384931 394136
149	Points of Interest - Commercial Services Name: Hart Road Motor Company Ltd Location: 112 Hart Road, Manchester, M14 7BB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	935	8	384930 394136
149	Points of Interest - Commercial Services Name: Car Wash Location: 32 Wilbraham Road, Manchester, M14 7DW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	946	8	384942 394124
149	Points of Interest - Commercial Services Name: Wilbraham Road Service Station Location: 32 Wilbraham Road, Manchester, M14 7DW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	946	8	384942 394124
149	Points of Interest - Commercial Services Name: B P Car Wash Location: Wilbraham Road, Manchester, M14 7DW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	946	8	384942 394124
150	Points of Interest - Commercial Services Name: Carmoor Road Garage Location: 90 Carmoor Road, Manchester, M13 0FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	954	8	385521 395938
150	Points of Interest - Commercial Services Name: Carmoor Road Garage Location: 90 Carmoor Road, Manchester, M13 0FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	954	8	385521 395938
150	Points of Interest - Commercial Services Name: Pat Rafter Location: 90 Carmoor Road, Manchester, M13 0FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	955	8	385522 395939
150	Points of Interest - Commercial Services Name: P Rafter Location: 90 Carmoor Road, Manchester, M13 0FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	955	8	385522 395939
151	Points of Interest - Commercial Services Name: A A A A Windscreens Location: 6 Yew Tree Avenue, Fallowfield, Manchester, M14 7JP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	997	8	384070 394905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	Points of Interest - Commercial Services Name: L D Windscreen Repairs Location: 6 Yew Tree Avenue, Fallowfield, Manchester, M14 7JP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	997	8	384070 394905
152	Points of Interest - Education and Health Name: Edale House Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18NE (N)	820	8	385282 395889
153	Points of Interest - Education and Health Name: York House Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18NW (N)	860	8	385010 395956
154	Points of Interest - Education and Health Name: Royal Manchester Children's Hospital Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18NE (N)	919	8	385147 396013
155	Points of Interest - Education and Health Name: CARE Fertility - Manchester Lifestyle Hospital Location: 108-112 Daisy Bank Road, Manchester, M14 5QH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A19NW (NE)	948	8	385708 395798
155	Points of Interest - Education and Health Name: Manchester Lifestyle Hospital Location: Victoria Park Hospital 110-112, Daisy Bank Road, Manchester, M14 5QH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A19NW (NE)	950	8	385709 395799
155	Points of Interest - Education and Health Name: BMI - the Manchester Lifestyle Hospital Location: Manchester Lifestyle Hospital 108-112, Daisy Bank Road, Manchester, M14 5QH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A19NW (NE)	950	8	385709 395799
156	Points of Interest - Education and Health Name: Paediatric Emergency Department - Royal Manchester Children's Hospital Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A18NE (N)	981	8	385260 396060
156	Points of Interest - Education and Health Name: St Mary's Hospital Location: St. Marys Hospital, Hathersage Road, Manchester, M13 0JH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18NE (N)	997	8	385208 396085
157	Points of Interest - Manufacturing and Production Name: Works Location: M14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	281	8	385197 395347
157	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	A13NE (NE)	282	8	385201 395347
157	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	A13NE (NE)	312	8	385193 395384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	Points of Interest - Manufacturing and Production Name: Works Location: M14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	314	8	385191 395387
158	Points of Interest - Manufacturing and Production Name: Industrial Estate Location: M14 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	407	8	385191 395486
159	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	A12NE (W)	447	8	384609 395162
160	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	A12NE (NW)	448	8	384697 395371
160	Points of Interest - Manufacturing and Production Name: Factory Location: M14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A12NE (NW)	450	8	384699 395377
161	Points of Interest - Manufacturing and Production Name: Peoples Republic of China Location: M14 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	492	8	385513 395308
162	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	A18SW (N)	538	8	384953 395625
162	Points of Interest - Manufacturing and Production Name: Factory Location: M14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	538	8	384947 395624
163	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	A18NE (N)	681	8	385131 395776
164	Points of Interest - Manufacturing and Production Name: Tank Location: M13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	966	8	385312 396032
164	Points of Interest - Manufacturing and Production Name: Tank Location: M13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	977	8	385309 396045
165	Points of Interest - Manufacturing and Production Name: Tank Location: M14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	980	8	384229 394534

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	Points of Interest - Public Infrastructure Name: Rubbish Removals Location: 52 Viscount Street, Manchester, M14 5UH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13NW (N)	116	8	385038 395212
167	Points of Interest - Public Infrastructure Name: Shell Rusholme Service Station Location: 10 Wilmslow Road, Rusholme, Manchester, M14 5TQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (N)	466	8	385069 395564
167	Points of Interest - Public Infrastructure Name: Shell Service Station Location: 10 Wilmslow Road, Manchester, M14 5TQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (N)	466	8	385069 395564
167	Points of Interest - Public Infrastructure Name: Shell Rusholme Location: 10 Wilmslow Road, Rusholme, Manchester, M14 5TQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (N)	466	8	385069 395564
167	Points of Interest - Public Infrastructure Name: Tcs Rusholme Location: Wilmslow Road, Rusholme, Greater Manchester, M14 5TQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (N)	468	8	385070 395566
168	Points of Interest - Public Infrastructure Name: BP Wilbraham Service Station Location: 32 Wilbraham Road, Manchester, M14 7DW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	946	8	384942 394124
168	Points of Interest - Public Infrastructure Name: BP Service Station Location: Wilbraham Road, Manchester, M14 7DW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	946	8	384942 394124
168	Points of Interest - Public Infrastructure Name: Wilbraham Service Station Location: 32 Wilbraham Road, Manchester, M14 7DW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	946	8	384942 394124
169	Points of Interest - Public Infrastructure Name: Bus Depot Location: M14 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	997	8	384061 394983
170	Points of Interest - Recreational and Environmental Name: Playground Location: Heald Place, M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SW (W)	98	8	384955 395069
170	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	A13SW (W)	101	8	384953 395067
171	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	A13SW (S)	314	8	384973 394760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	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	A13SW (S)	316	8	385013 394750
172	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	425	8	384693 395326
173	Points of Interest - Recreational and Environmental Name: Platt Fields Park Location: Wilmslow Road, Rusholme, Manchester, M14 6LA Category: Recreational Class Code: Municipal Parks And Gardens Positional Accuracy: Positioned to address or location	A8NW (S)	613	8	384925 394464
173	Points of Interest - Recreational and Environmental Name: Platt Fields Park Location: Wilmslow Road, Rusholme, Manchester, M14 6LA Category: Recreational Class Code: Municipal Parks And Gardens Positional Accuracy: Positioned to address or location	A8NW (S)	613	8	384925 394464
174	Points of Interest - Recreational and Environmental Name: Play Area Location: M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	670	8	385184 394404
174	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Albion Road, M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SE (S)	738	8	385180 394335
174	Points of Interest - Recreational and Environmental Name: Skatepark Location: M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	809	8	385241 394274
175	Points of Interest - Recreational and Environmental Name: Play Area Location: M15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	866	8	384715 395894
175	Points of Interest - Recreational and Environmental Name: Playground Location: Denmark Road, M15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17NE (N)	925	8	384711 395956
175	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	A17NE (N)	926	8	384710 395957
176	Points of Interest - Recreational and Environmental Name: Bmx Track Location: M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	867	8	385171 394204
177	Points of Interest - Recreational and Environmental Name: Playground Location: Birch Polygon, M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SE (E)	897	8	385969 395063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	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	A14SE (E)	899	8	385971 395062

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Stockport Metropolitan Borough Council - Environment Team (Land & Water) Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Renewal and Environmental Protection Tameside Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2014 November 2013 November 2013 October 2017 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	October 2019	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North West Region	October 2019	Quarterly
Local Authority Integrated Pollution Prevention And Control Tameside Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 March 2015 October 2014 October 2014 September 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Trafford Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Manchester City Council - Environmental Health Department	July 2015 June 2015 March 2015 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Tameside Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 March 2015 October 2014 October 2014 September 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	November 2019	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - North West Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	October 2019	Quarterly
Water Abstractions Environment Agency - North West Region	October 2019	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2019	Quarterly
Flood Defences Environment Agency - Head Office	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	October 2019	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	November 2019	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	October 2019	Quarterly
Local Authority Landfill Coverage Manchester City Council - Planning Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Manchester City Council - Planning Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Trafford Metropolitan Borough Council Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Tameside Metropolitan Borough Council - Planning and Building Control Salford City Council	April 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Trafford Metropolitan Borough Council Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Tameside Metropolitan Borough Council - Planning and Building Control Salford City Council	April 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2019	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	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	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	December 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	December 2019	Quarterly
Points of Interest - Education and Health PointX	December 2019	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2019	Quarterly
Points of Interest - Public Infrastructure PointX	December 2019	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2019	Quarterly
Underground Electrical Cables National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Adopted Green Belt Manchester City Council Salford City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	November 2019 November 2019 November 2019 November 2019 November 2019	As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt Manchester City Council Salford City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	November 2019 November 2019 November 2019 November 2019 November 2019	As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

A selection of organisations who provide data within this report

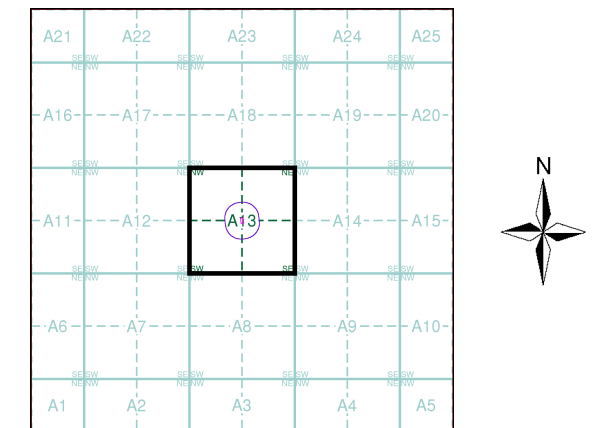
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT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

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	Manchester City Council - Environmental Health Department PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone: 0161 234 4884 / 234 4873. Fax: 0161 234 4508 Website: www.manchester.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	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
7	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
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

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

Site Sensitivity Map - Segment A13

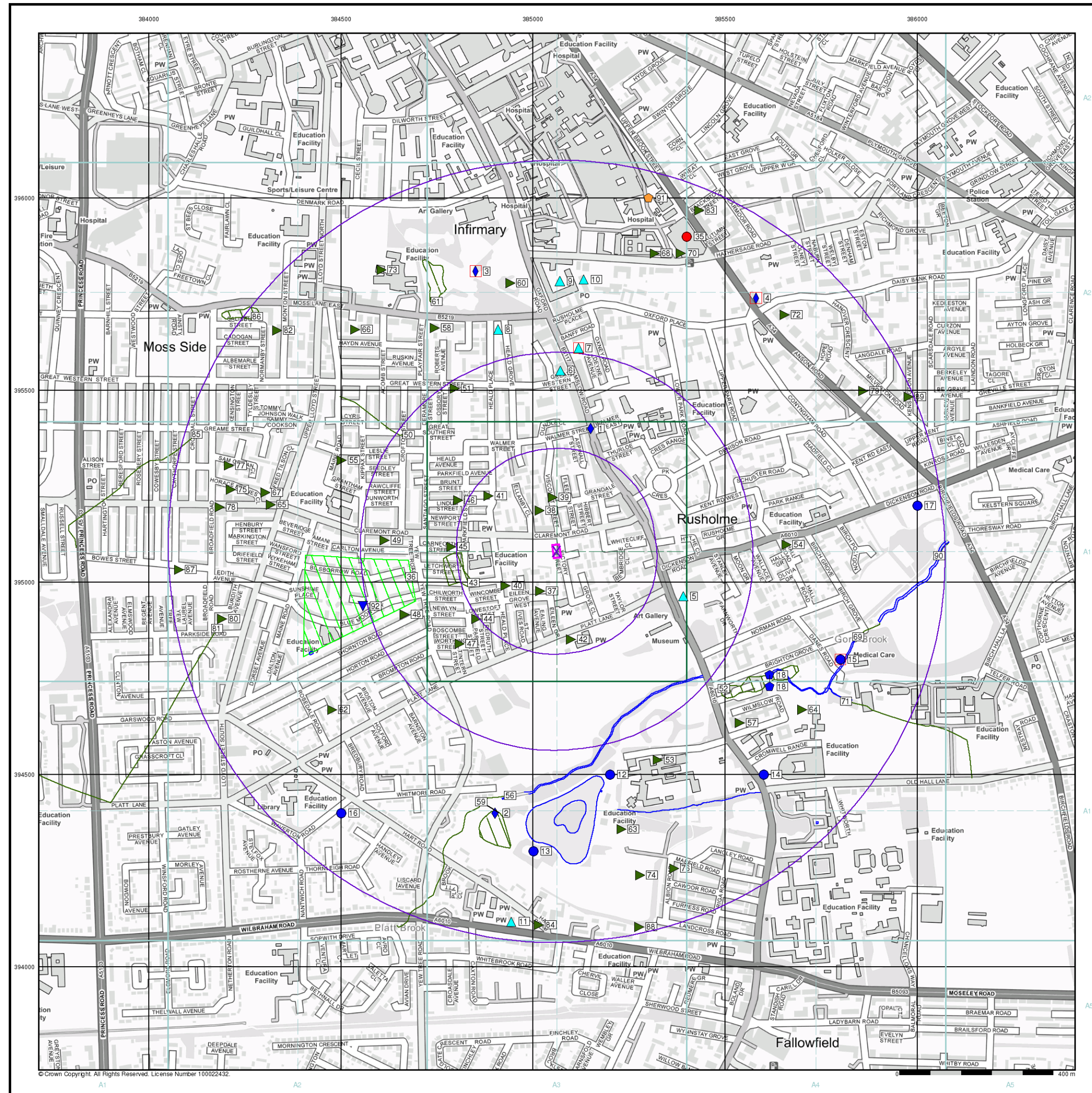


Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Plot Buffer (m): 100

Site Details

Victory Street, MANCHESTER, M14 5AE





Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

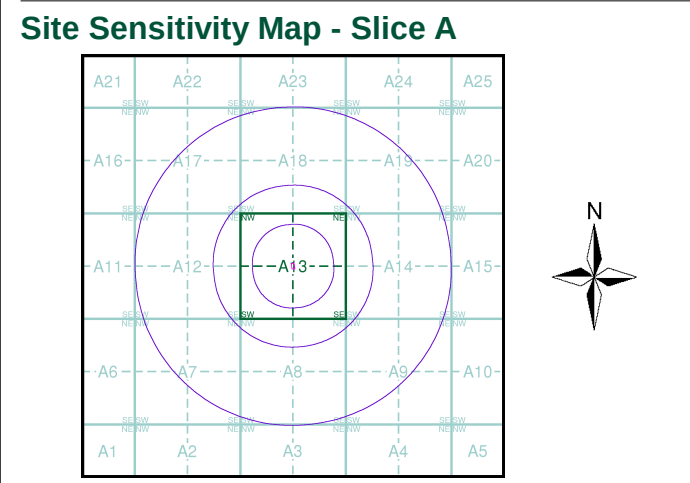
Sutcliffe

- 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
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 - 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
 - NIHS 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 (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



Order Details

Order Number: 231684926_1_1

Customer Ref: LG: 30669

National Grid Reference: 385060, 395080

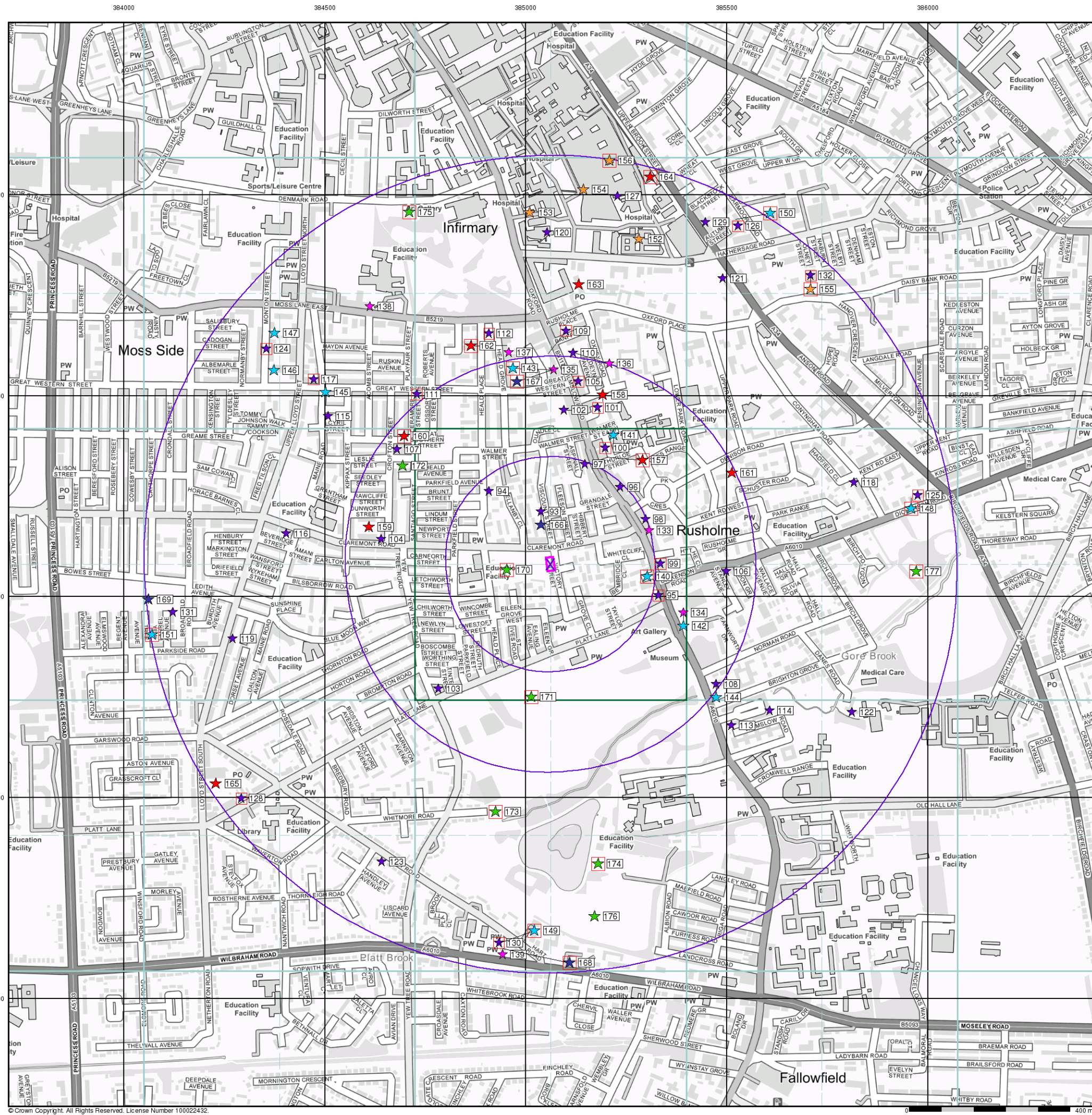
Slice: A

Site Area (Ha): 0.07

Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE





Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

Industrial Land Use Map

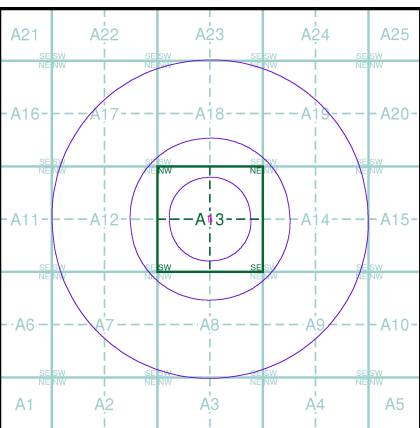
General

-  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

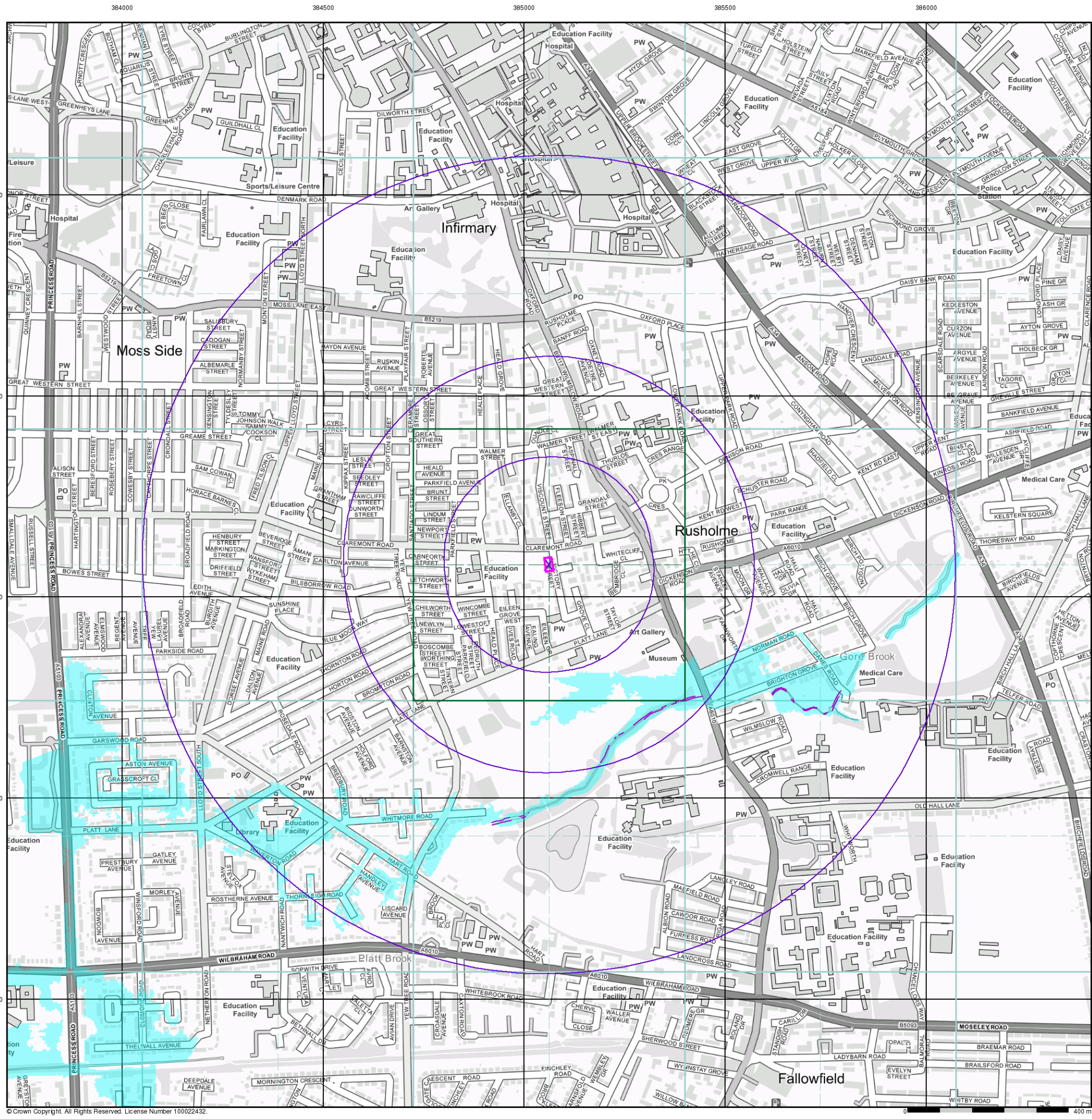
Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

Landmark
INFORMATION GROUP

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





Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

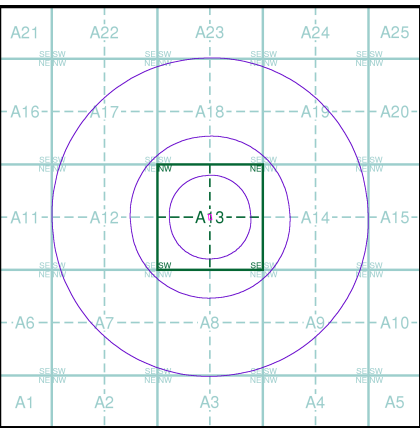
General

-  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: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

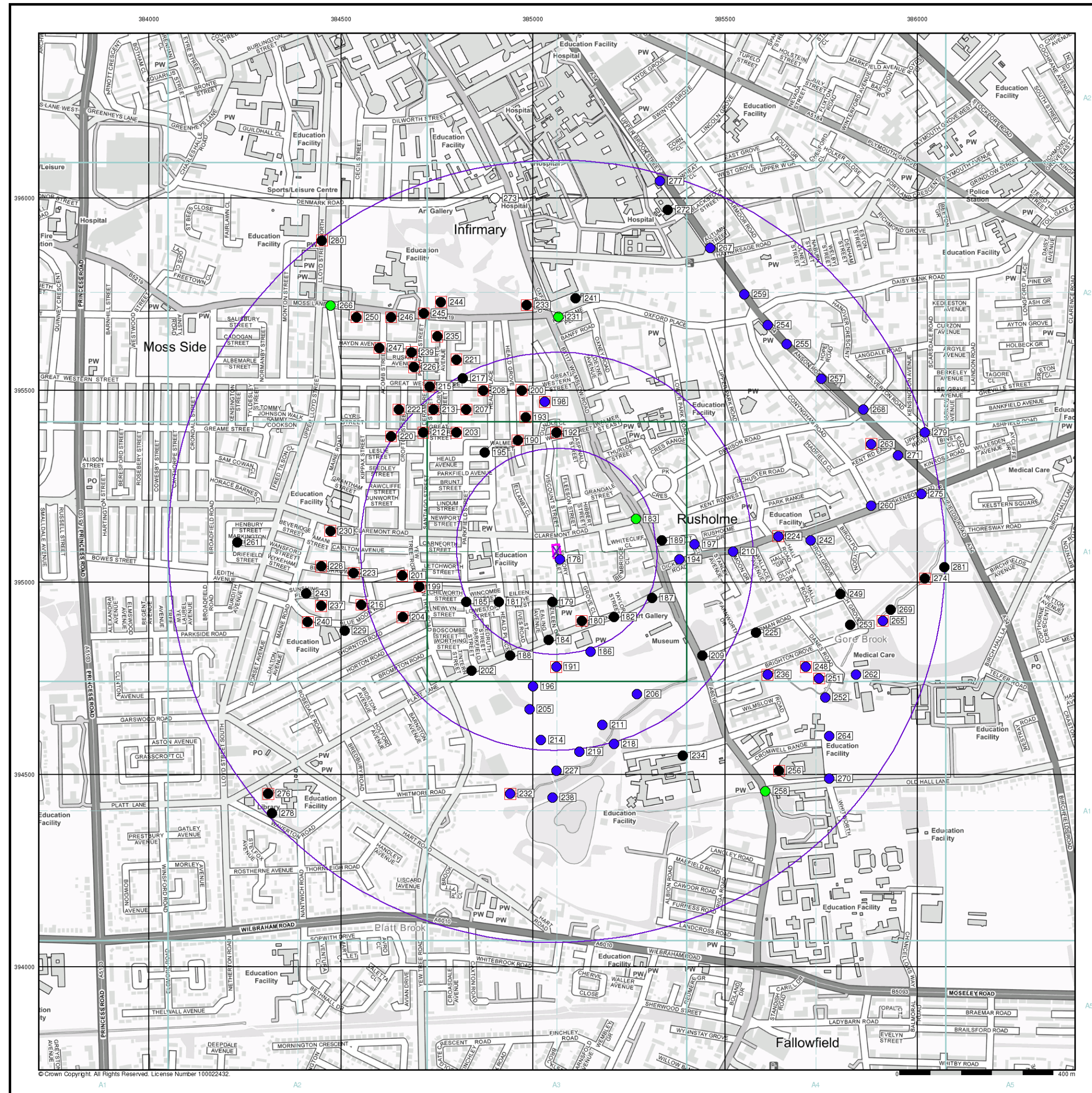
Site Details

Victory Street, MANCHESTER, M14 5AE



Landmark[®]
INFORMATION GROUP

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





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Building Surveyors
Geo-Environmentalists

Sutcliffe

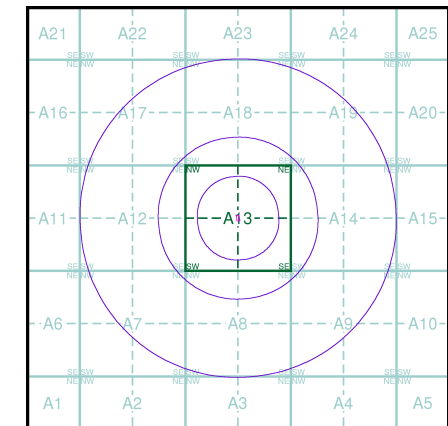
- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location

- 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

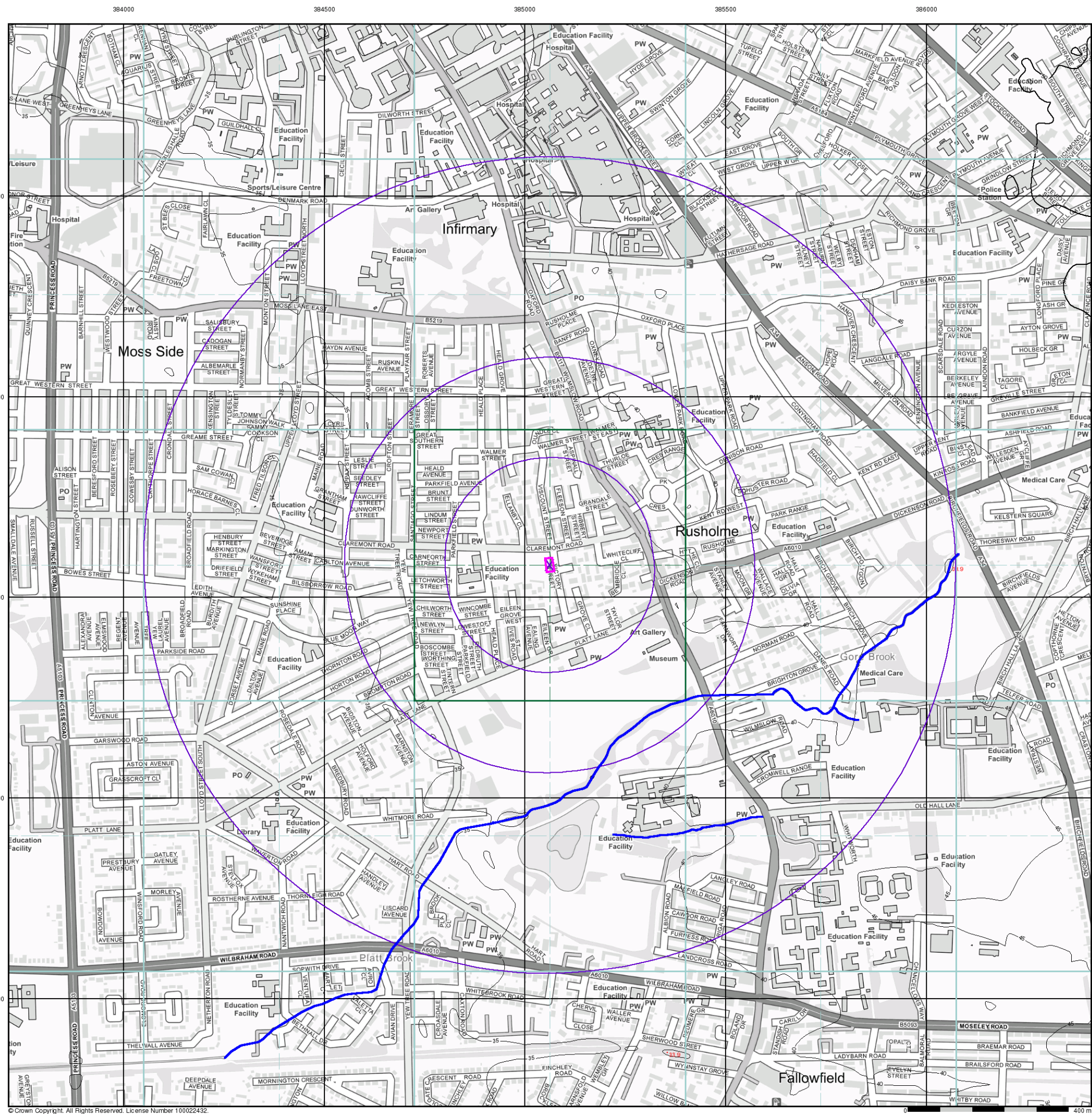
Order Number:	231684926_1_1
Customer Ref:	LG: 30669
National Grid Reference:	385060, 395080
Slice:	A
Site Area (Ha):	0.07
Search Buffer (m):	1000

Site Details
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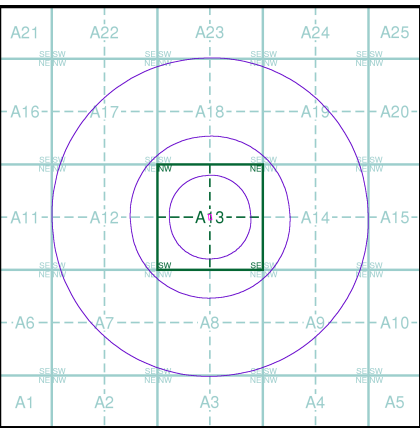
Sutcliffe

- 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  105  Mean Low Water
- Master Contour  100  Mean High Water
- Spot Height  167.3

OS Water Network Map - Slice A

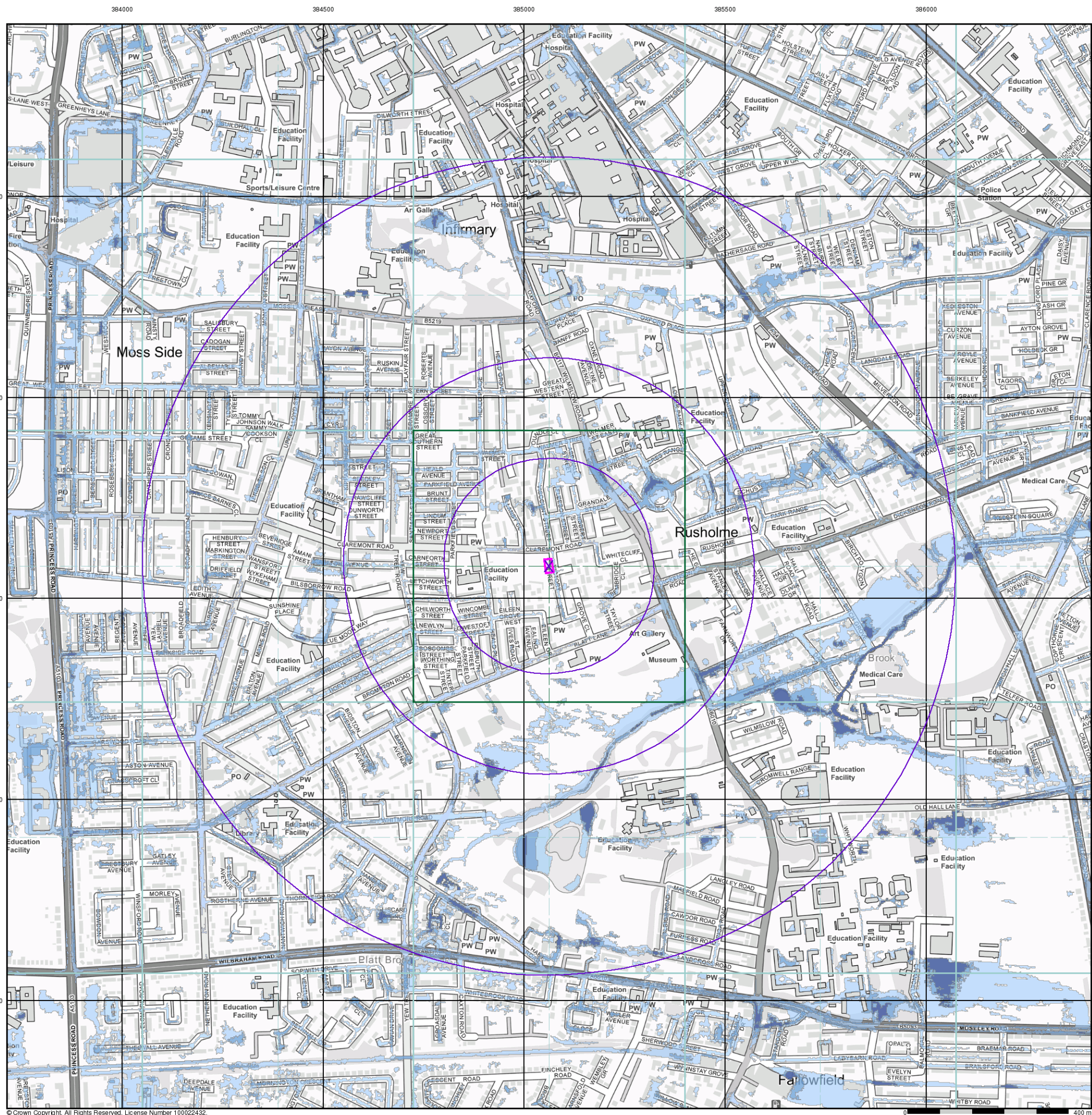


- Order Details**
- Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

- Site Details**
- Victory Street, MANCHESTER, M14 5AE



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General

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

Risk of Flooding from Surface Water

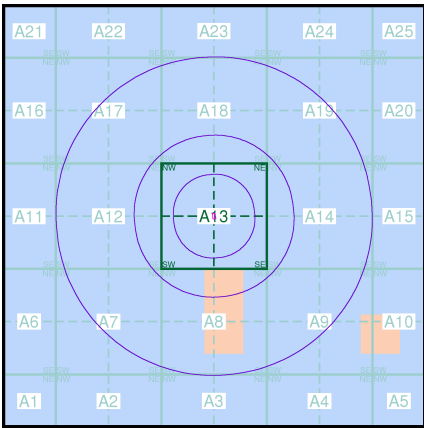
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A



Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

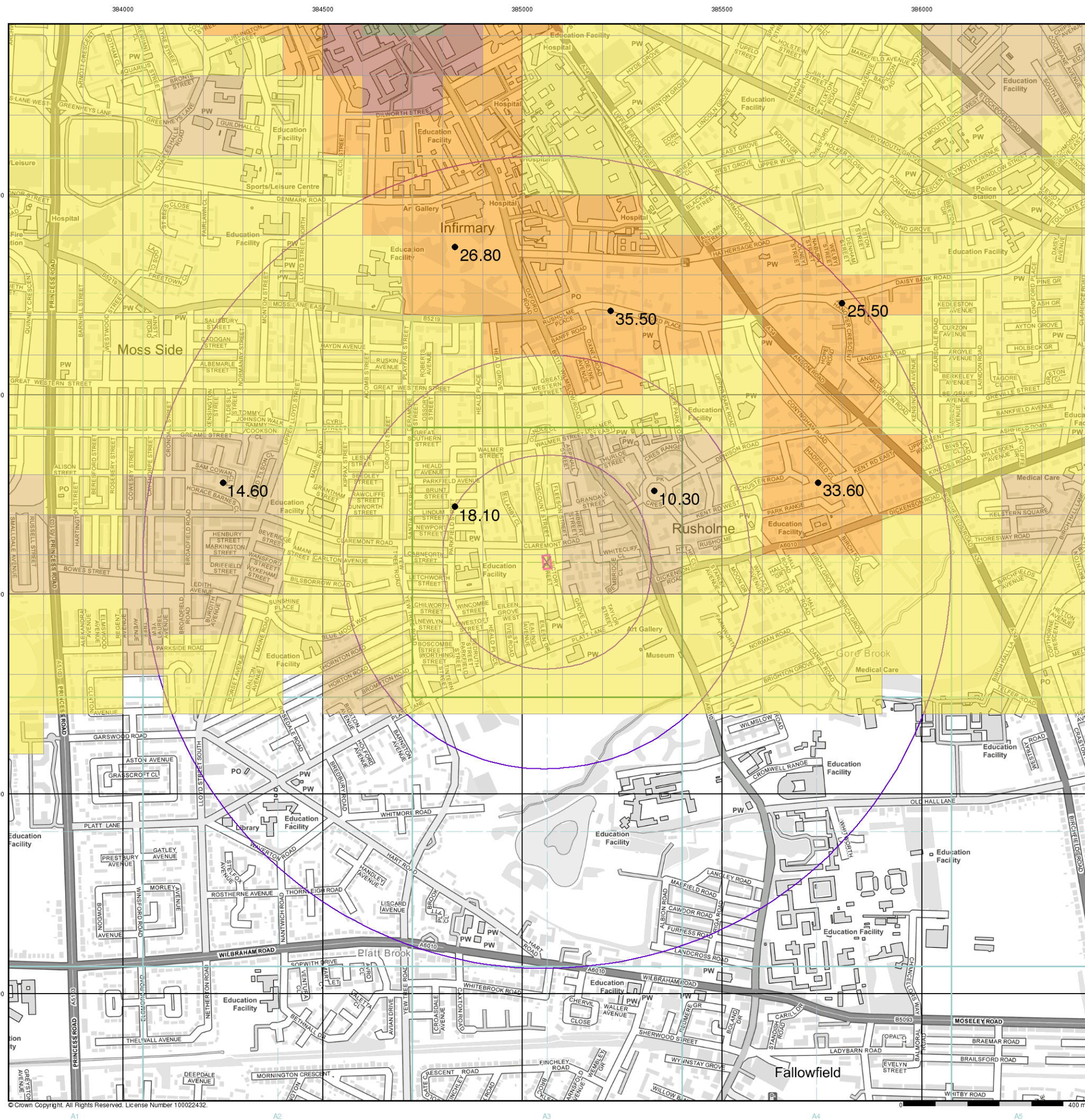
Site Details

Victory Street, MANCHESTER, M14 5AE



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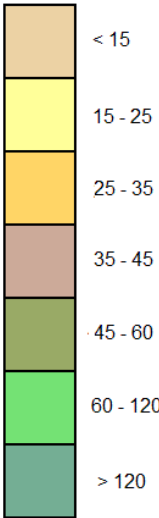
General

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

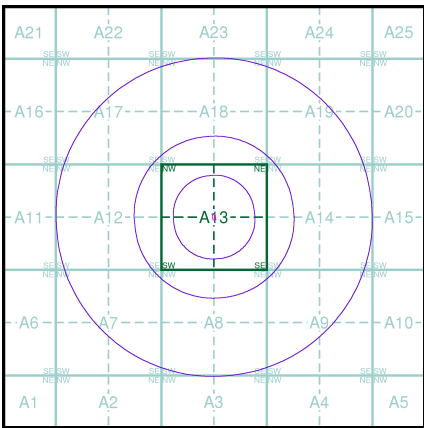
Urban Soil Chemistry Arsenic

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Arsenic Concentrations mg/kg



Urban Soil Chemistry Arsenic - Slice A



Order Details

Order Details:231684926_1_1

Customer Ref:LG: 30669

National Grid Reference:385060, 395080

Slice:A

Site Area (Ha):0.07

Search buffer (m):1000

Site Details

Victory Street, MANCHESTER, M14 5AE



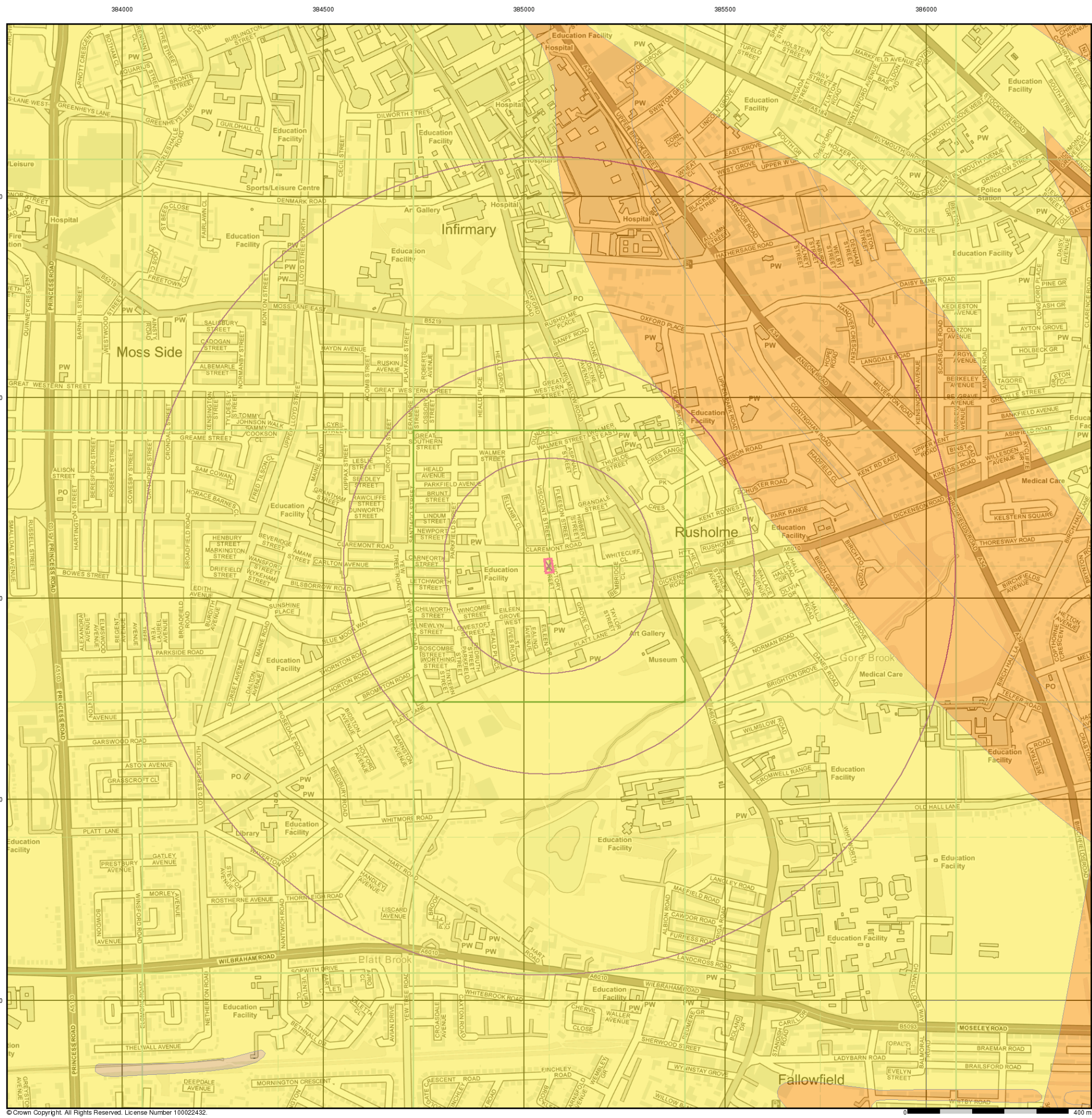
Landmark

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Fax:0844 844 9951

Web:www.envirocheck.co.uk



Sutcliffe

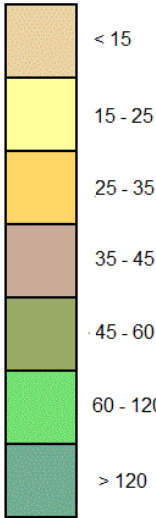
Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

General

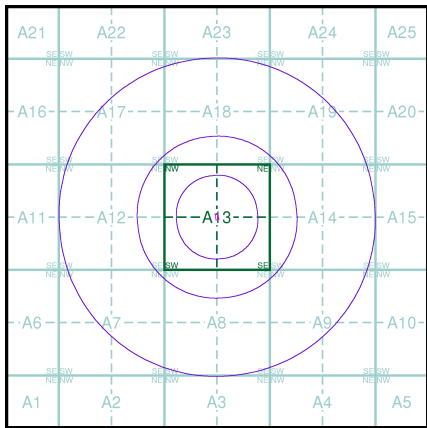
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

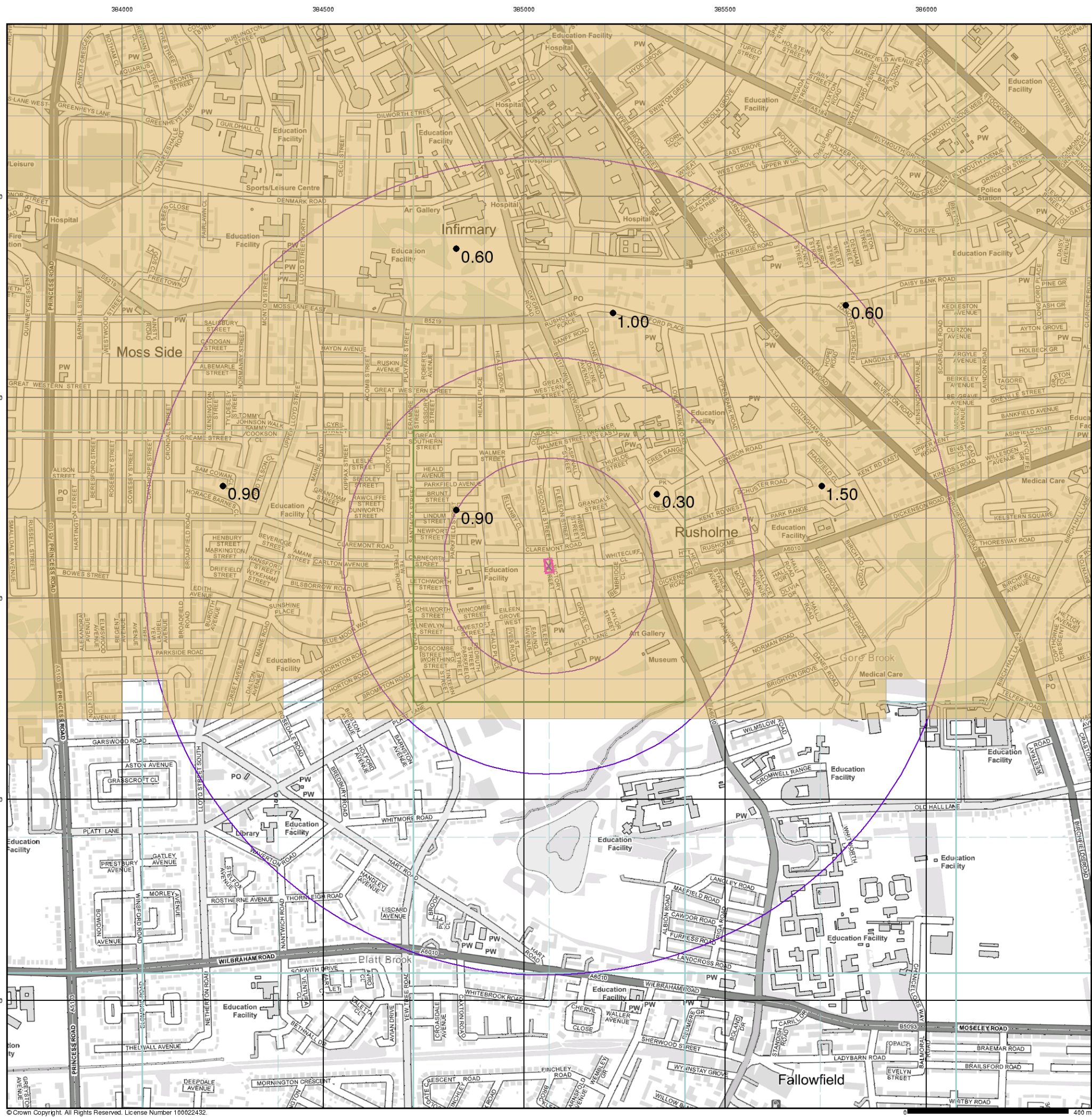
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Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

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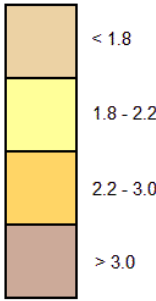
General

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

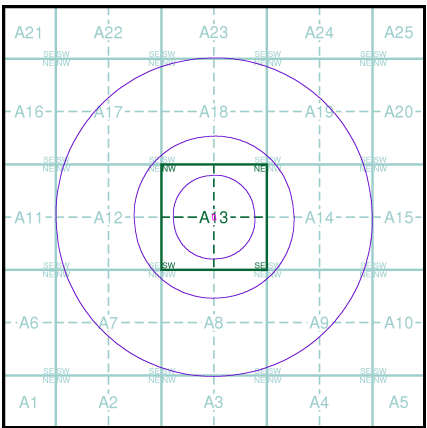
Urban Soil Chemistry Cadmium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Cadmium Concentrations mg/kg



Urban Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 231684926_1_1

Customer Ref: LG: 30669

National Grid Reference: 385060, 395080

Slice: A

Site Area (Ha): 0.07

Search buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE



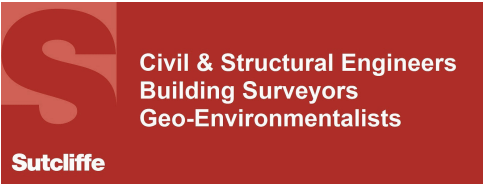
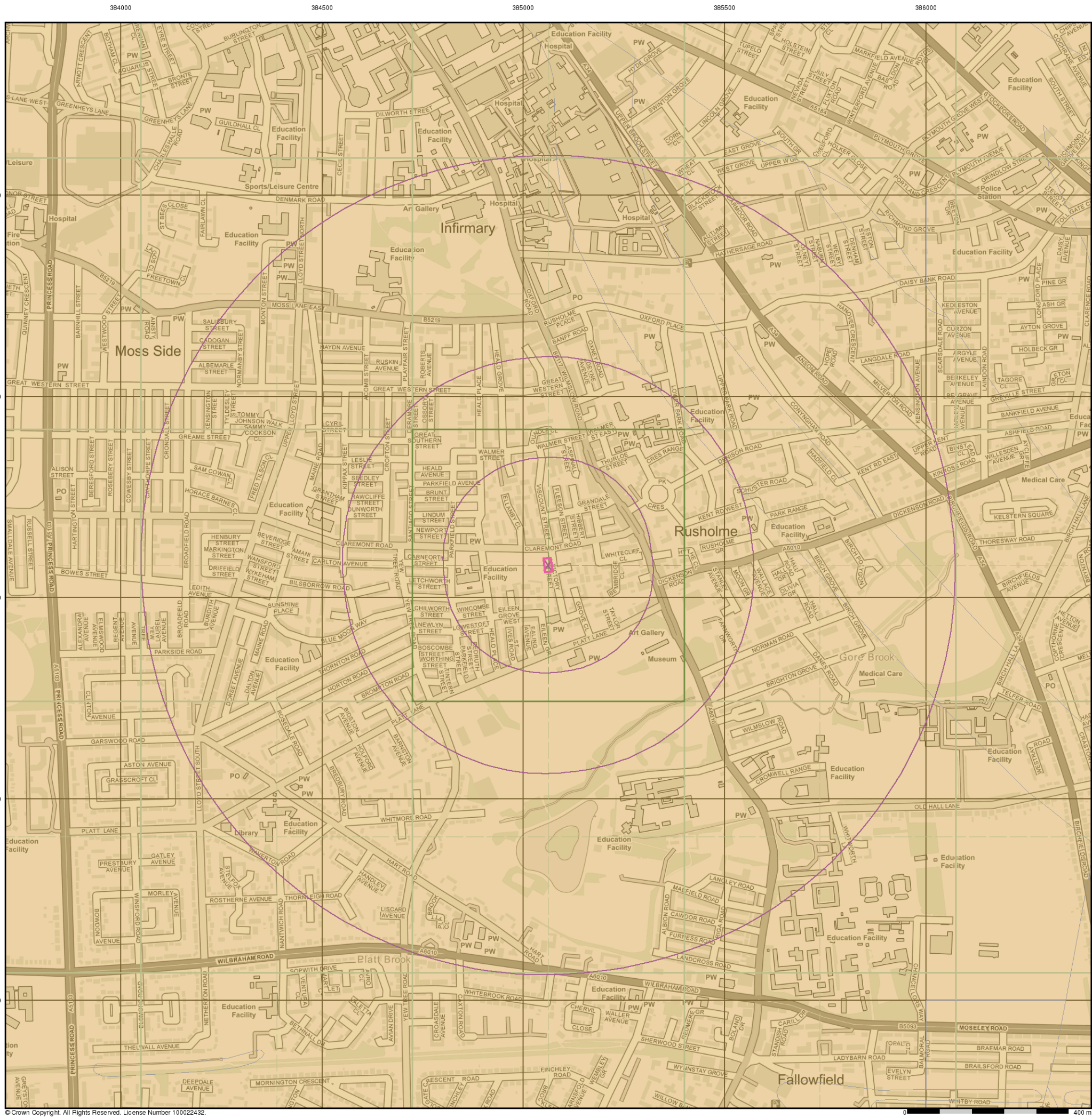
Landmark

INFORMATION GROUP

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Fax: 0844 844 9951

Web: www.envirocheck.co.uk

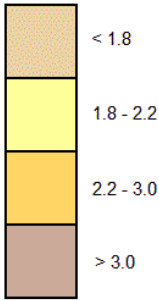


General

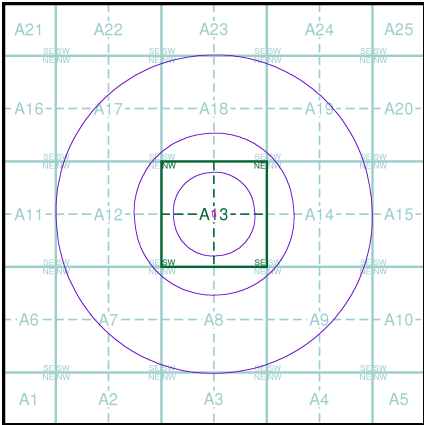
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

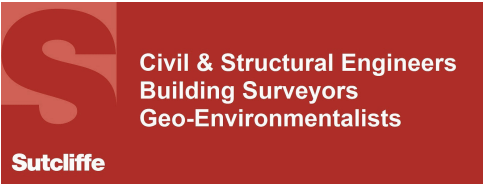
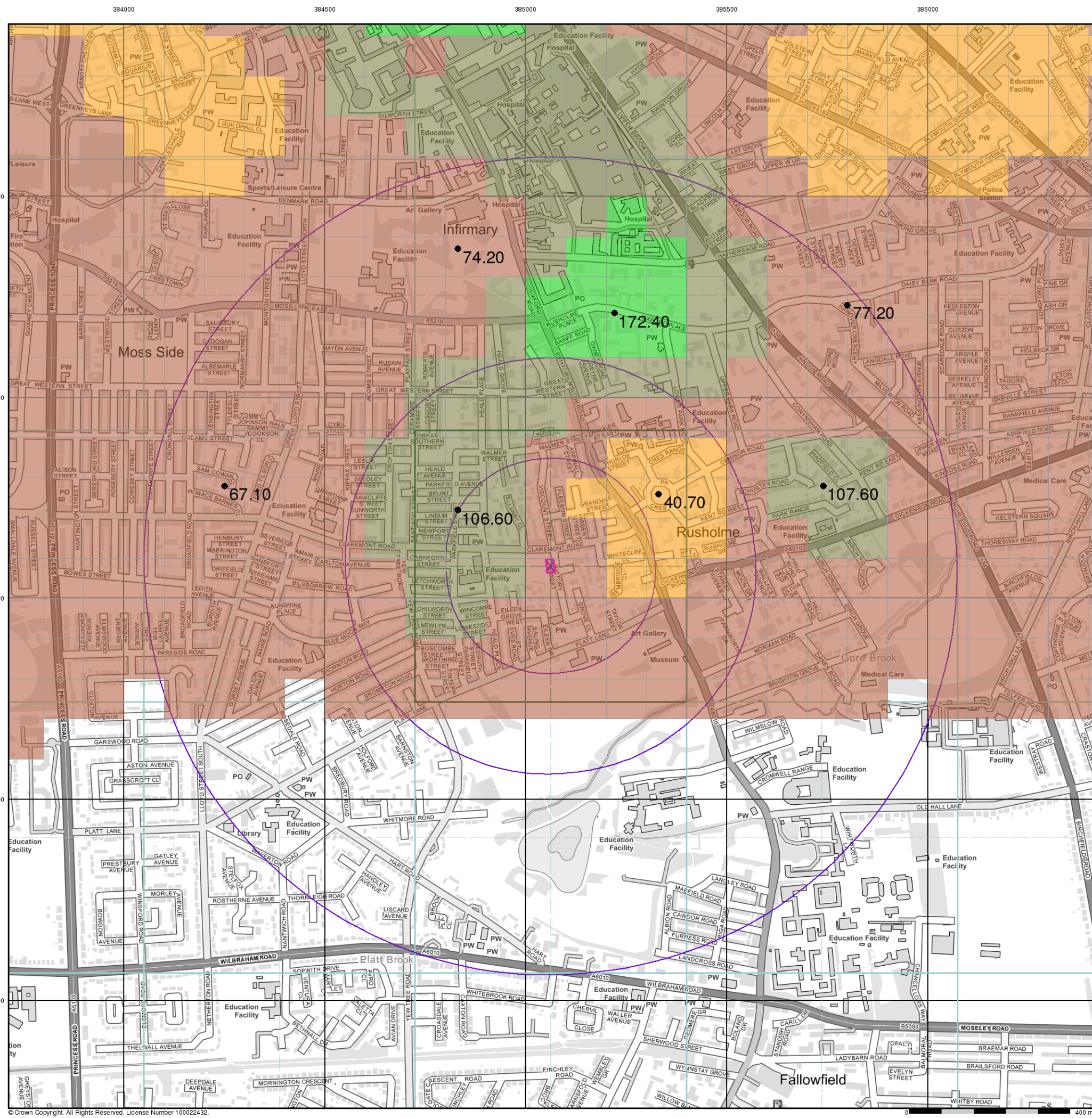
Order Details: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

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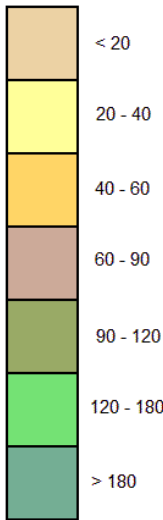
General

Specified Site Specified Buffer(s) Bearing Reference Point

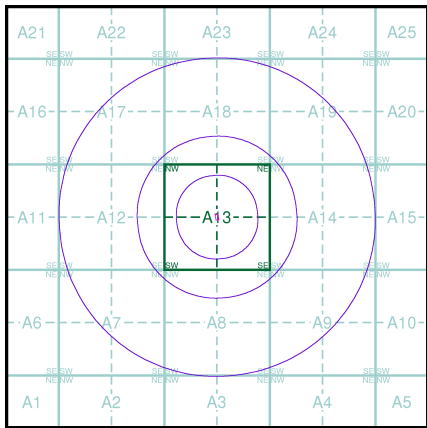
Urban Soil Chemistry Chromium

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A



Order Details

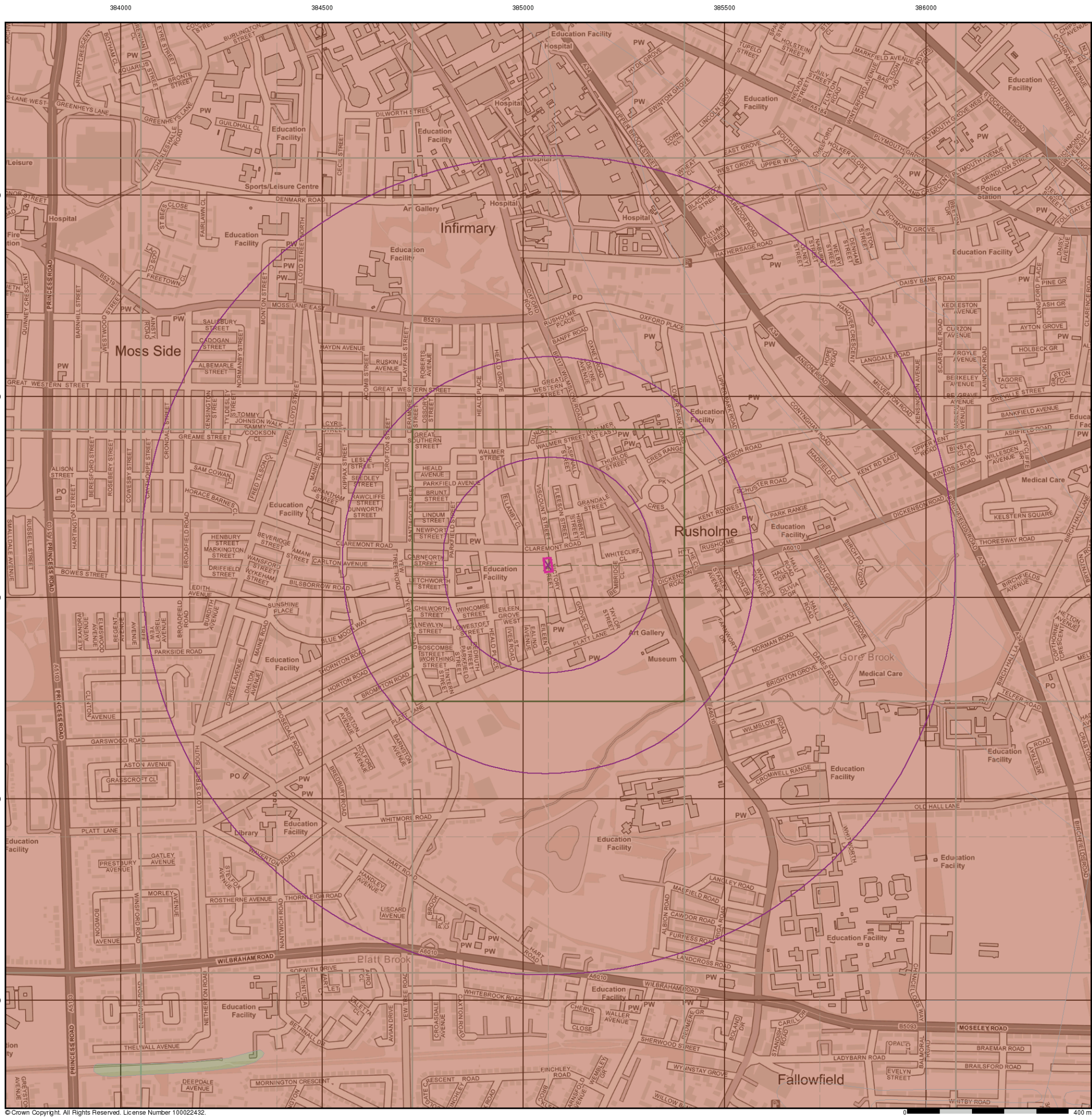
Order Details: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE



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



Sutcliffe

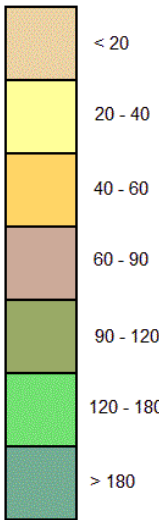
Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

General

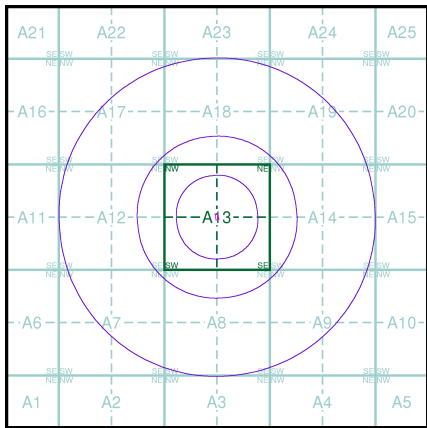
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

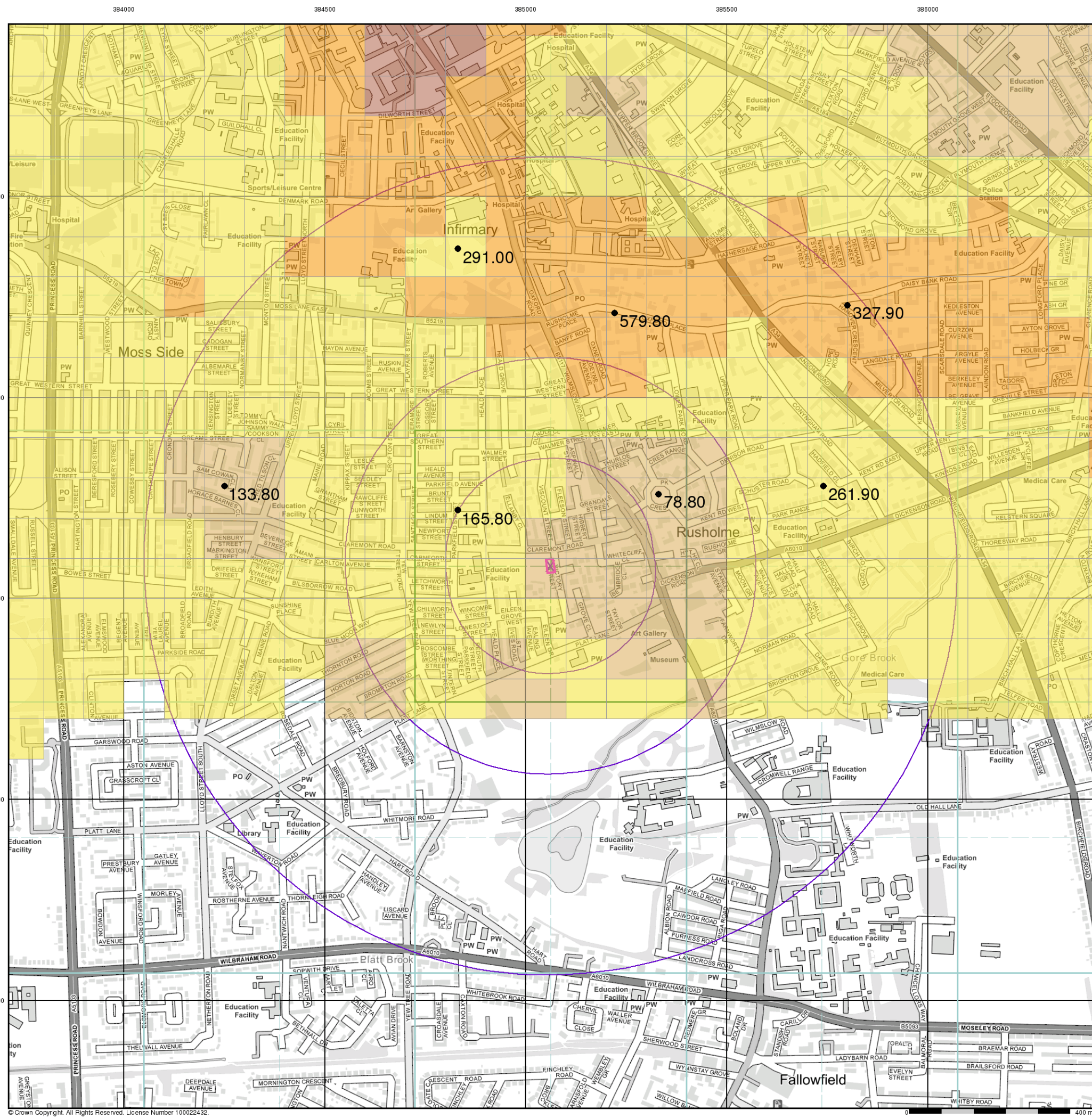
Order Details: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

Landmark
INFORMATION GROUP

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





Civil & Structural Engineers
Building Surveyors
Geo-Environmentalists

Sutcliffe

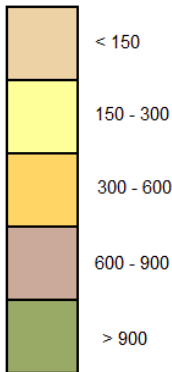
General

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

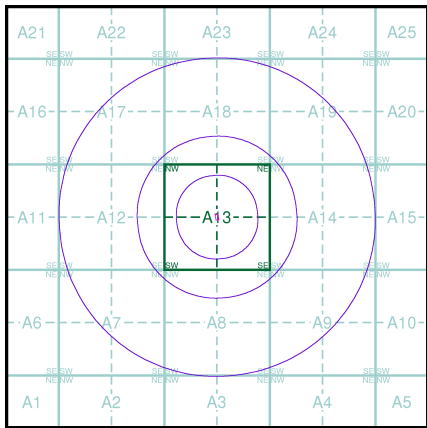
Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A



Order Details

Order Details: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

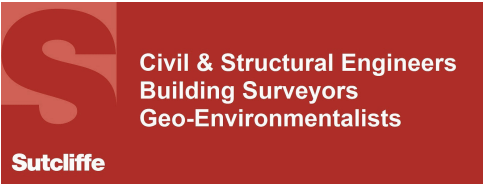
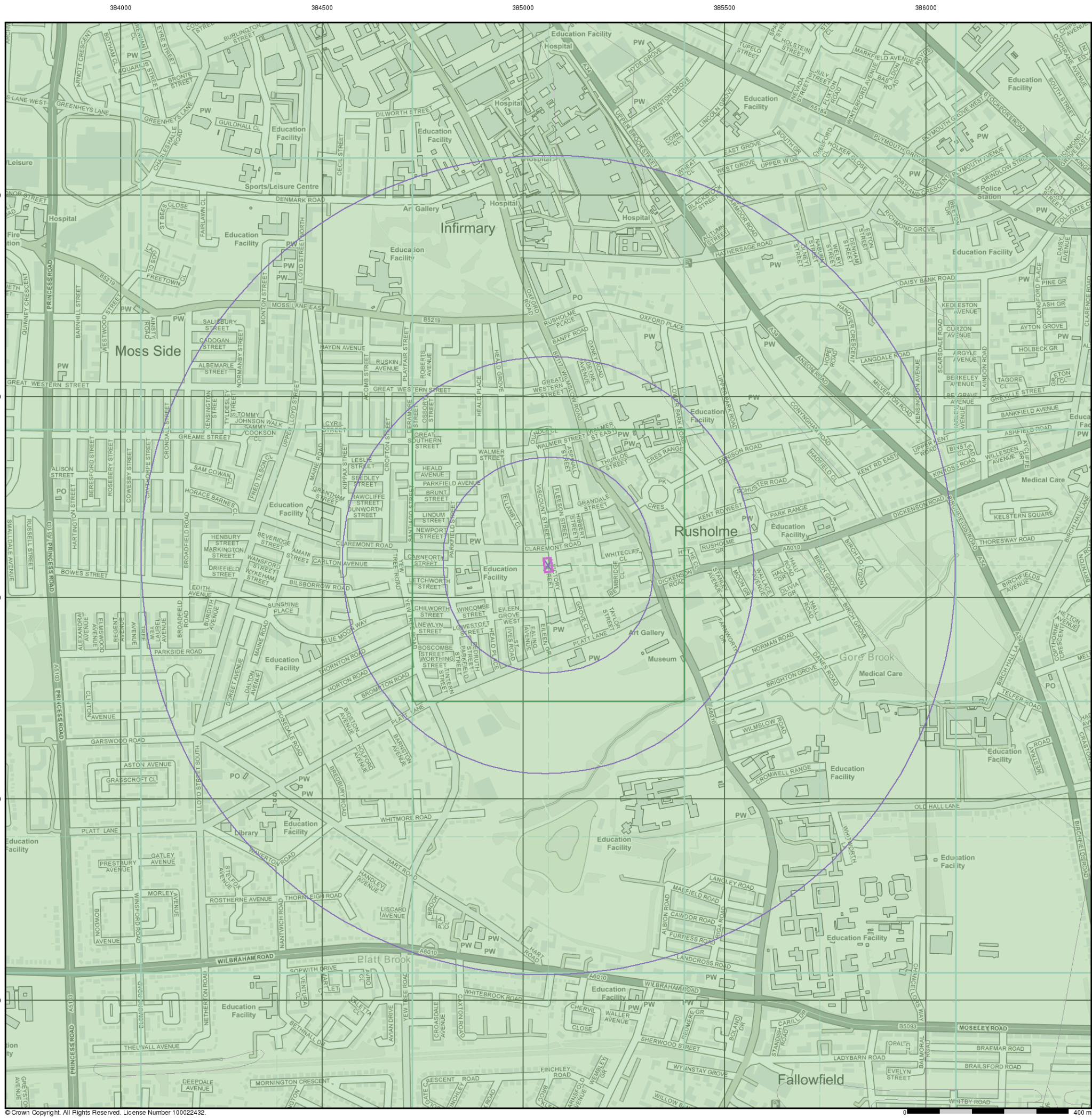
Site Details

Victory Street, MANCHESTER, M14 5AE



Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



General

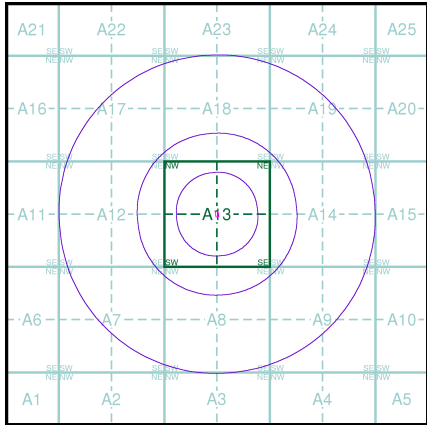
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- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

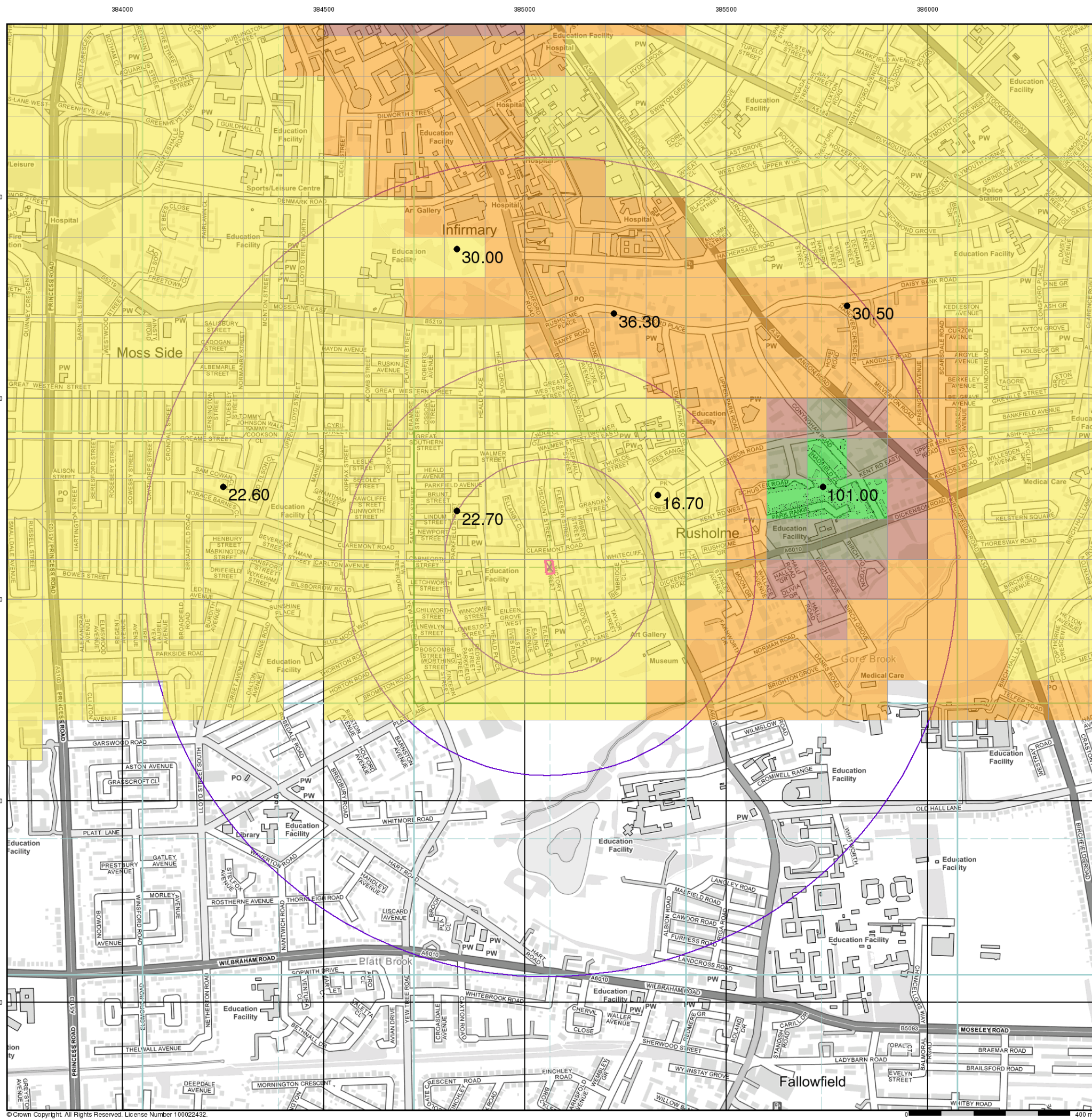
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Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

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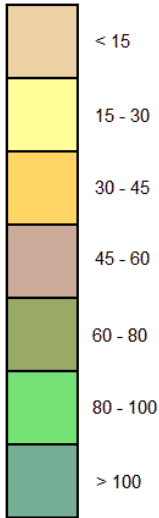
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- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

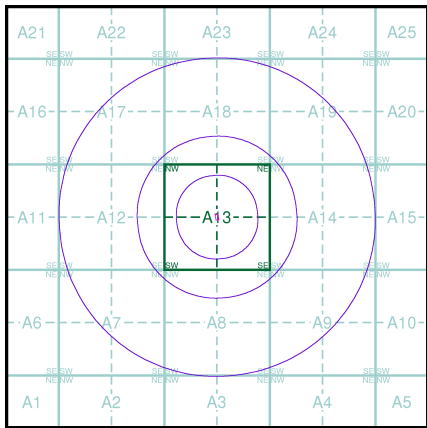
Urban Soil Chemistry Nickel

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A



Order Details

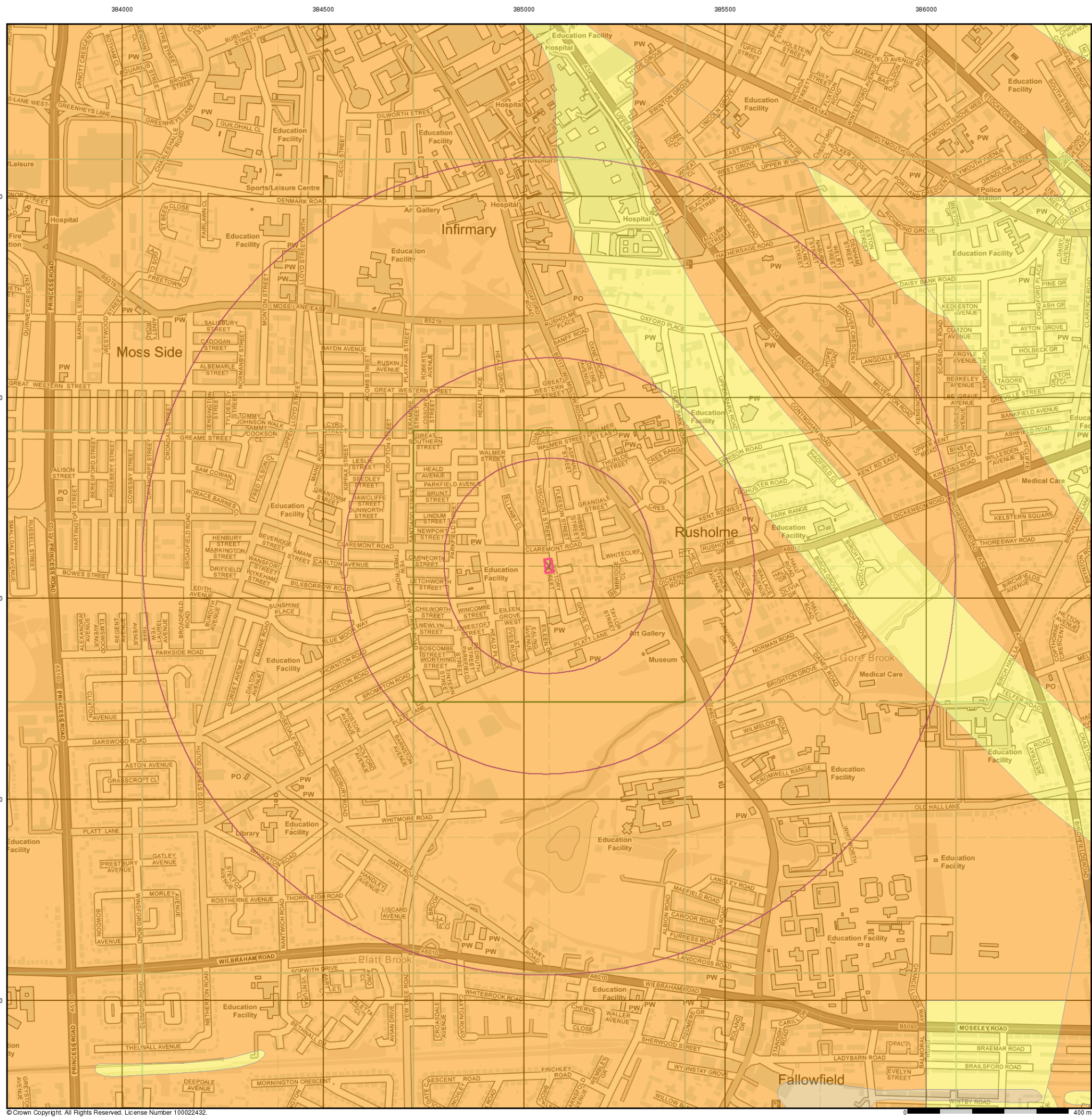
Order Details: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

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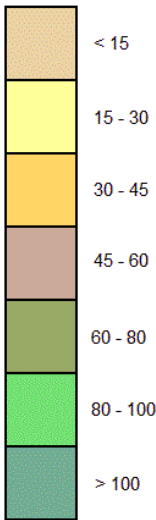


General

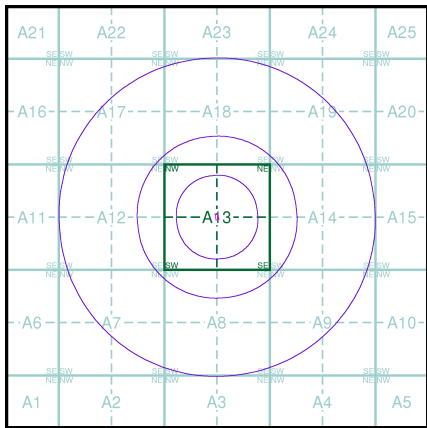
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

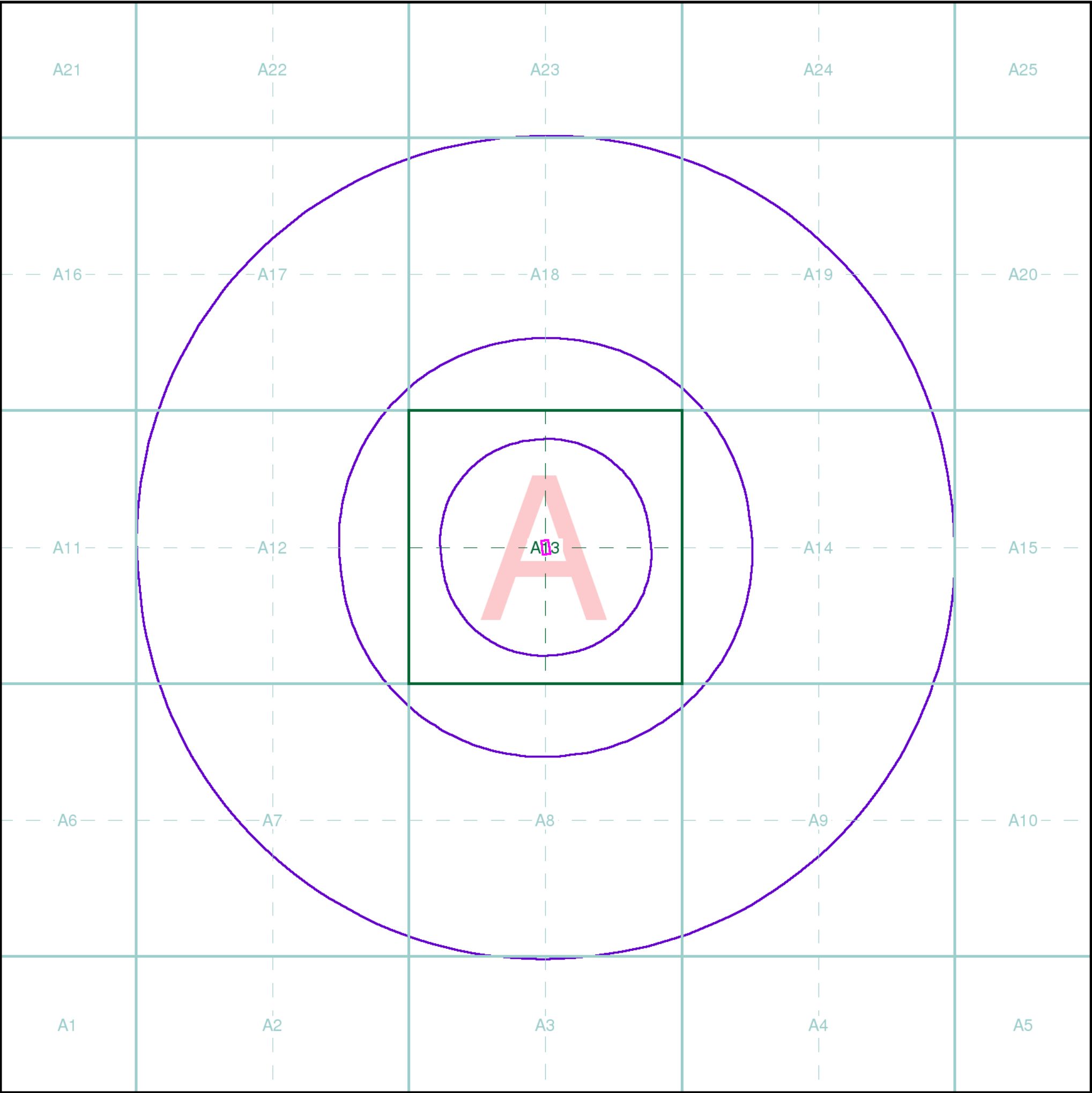


Order Details

Order Details: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

MR W Baldwin, Sutcliffe Projects Ltd, 18-20 Harrington Street, Liverpool, L2 9QA

Order Details

Order Number: 231684926_1_1
Customer Ref: LG: 30669
National Grid Reference: 385060, 395080
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Victory Street, MANCHESTER, M14 5AE

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>

Appendix B: Photographic Log



Photograph 1: View from the north of the site looking south



Photograph 2: Trees noted along the western boundary



Photograph 3: Some trees noted within the north-west of the site



Photograph 4: Access noted within the north-east of the site



Photograph 5: Surrounding area comprising of residential dwellings



Photograph 6: Onsite surfacing predominantly grass with eastern boundary open to its surroundings

Appendix C: Linesearch and Services



Requested by: Sara Hale
 Company: Sutcliffe Projects
 Date Requested: 27/01/2020
 Job Reference: 17541395
 Your Scheme/Reference: LG: 30669

Operating Voltage	Colour Code	Line Colour
132kV	Black	
33kV	Green	
22kV-25kV	Yellow	
11kV	Red	
6kV-6.6kV	Blue	
1kV-6kV	Violet	
LV	Orange	
Unknown Voltage	Brown	



Dig Sites:
 Area Line

Data Management
 Electricity North West
 Linley House
 Dickinson Street
 Manchester, M1 4LF
 Phone: 0800 195 4141
 Email: planrequest@enwl.co.uk

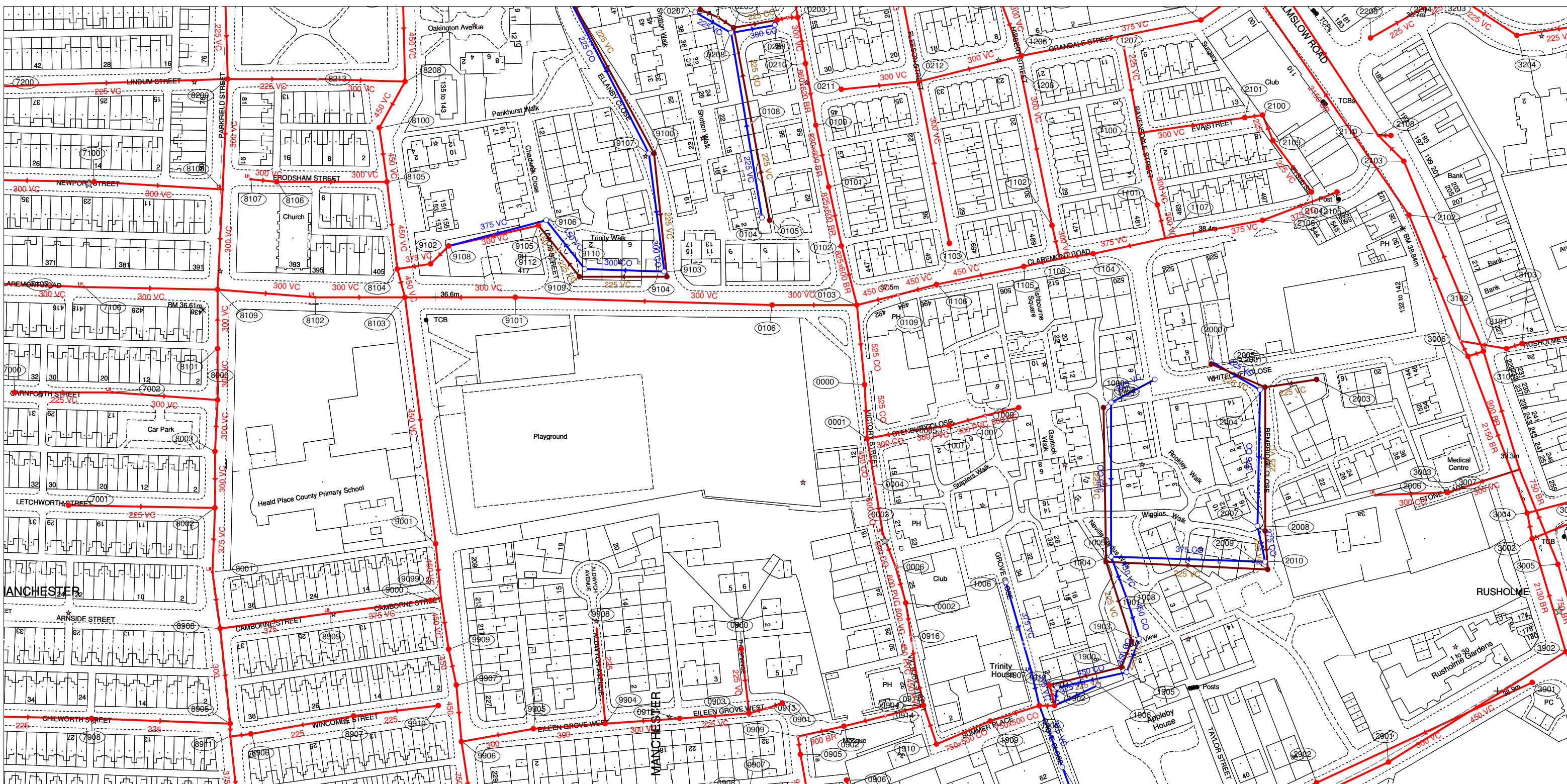
Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited.

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Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines".

Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949

Scales on A4 paper:
 1:1250 Area dig site
 1:250 Line dig site



Sutcliffe Projects Ltd

**18-20
Harrington Street,
Liverpool,
L2 9QA**

FAO:

How to contact us:

**United Utilities Water Limited
Property Searches
Haweswater House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP**

Telephone: 0370 7510101

E-mail: propertysearches@uuplc.co.uk

**Your Ref: LG: 30669 7966
Our Ref: UUPS-ORD-147784
Date: 27/01/2020**

Dear Sirs

Location: Victory Street

I acknowledge with thanks your request dated 27/01/2020 for information on the location of our services.

Please find enclosed plans showing the approximate position of United Utilities' apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

If you are planning works anywhere in the North West, please read United Utilities' access statement before you start work to check how it will affect our network. <http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please [contact us](#).

Yours Faithfully,



Karen McCormack
Property Searches Manager

TERMS AND CONDITIONS - WASTEWATER AND WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUWL apparatus) of United Utilities Water Limited "(UUWL)".

TERMS AND CONDITIONS:

- This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
- This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
- The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
- The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
- This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
- No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
- If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
- This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Clean Water Symbolology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water
			Air Valve
			AC Valve, open
			AC Valve, closed
			CC Valve, open
			CC Valve, closed
			Non Return Valve
			Pressure Management Valve
			OMS Valve
			Stop Tap
			Flow Meter
			Domestic Meter
			Commercial Meter
			Pump
			Hydrant
			Fire Hydrant
			Anode
			Chlorination Point
			De-chlorination Point
			Strainer Point
			Access Point
			Hatch Box
			IP Point
			Sampling Station
			Logger Box
			Bore Hole
			Inlet Point
			Bulk Supply Point
			End Cap
			Site Termination
			Change of Characteristic
			Condition Report
			<u>Property Types</u>
			Water Tower
			Valve House
			Booster Pumping Station
			Intake Pumping Station
			Water Treatment Works
			Supply Reservoir
			Service Reservoir
			Impounding Reservoir
			Pipe Bridge

Symbology for proposed assets is the same as above, but shown in **green**
Symbology for abandoned assets is the same as above, but shown in **black**



Scale: 1:1250
Date: 27/01/2020

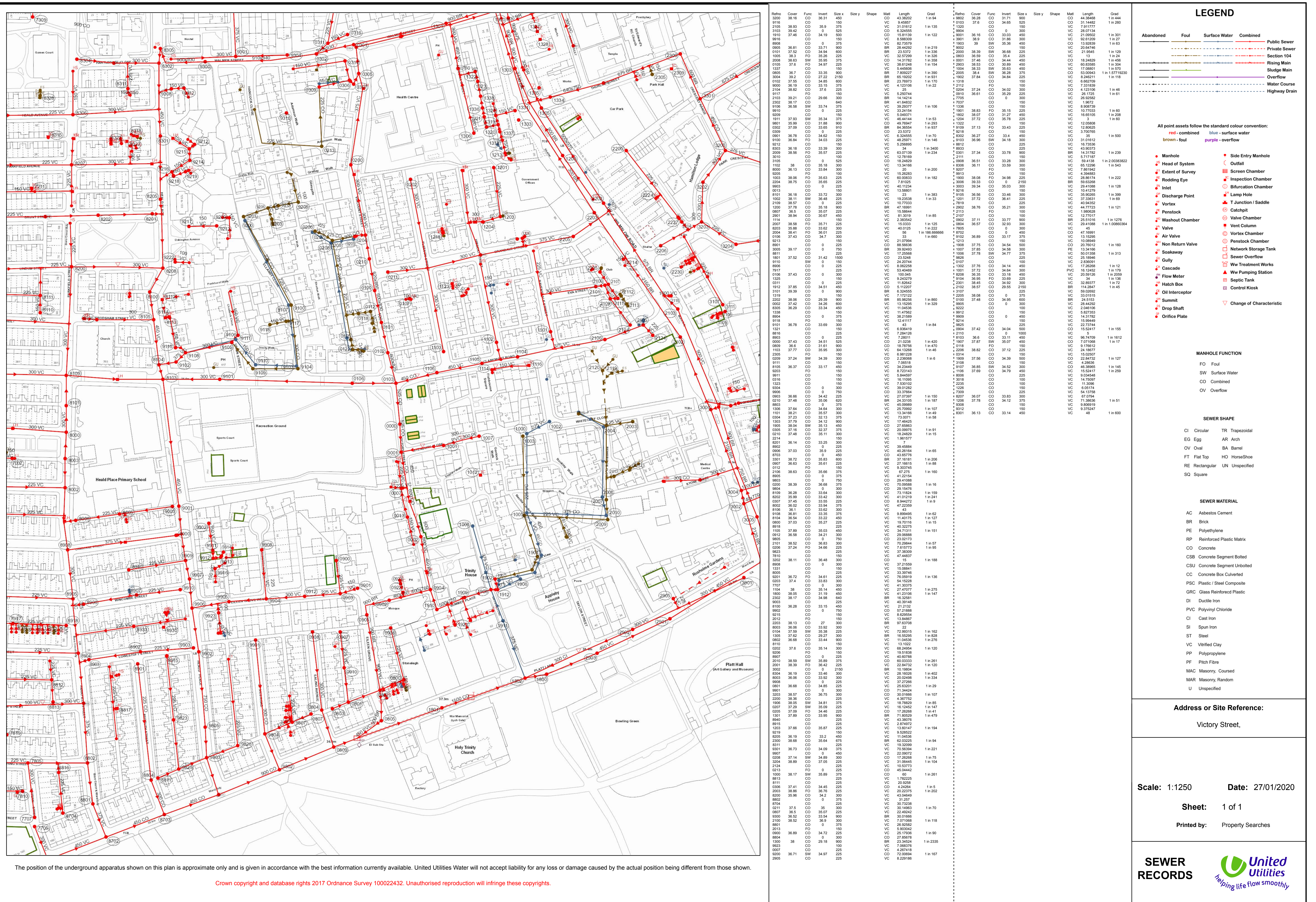
WATER MAINS RECORDS

Address or Site Reference: Victory Street
Printed by: Property Searches

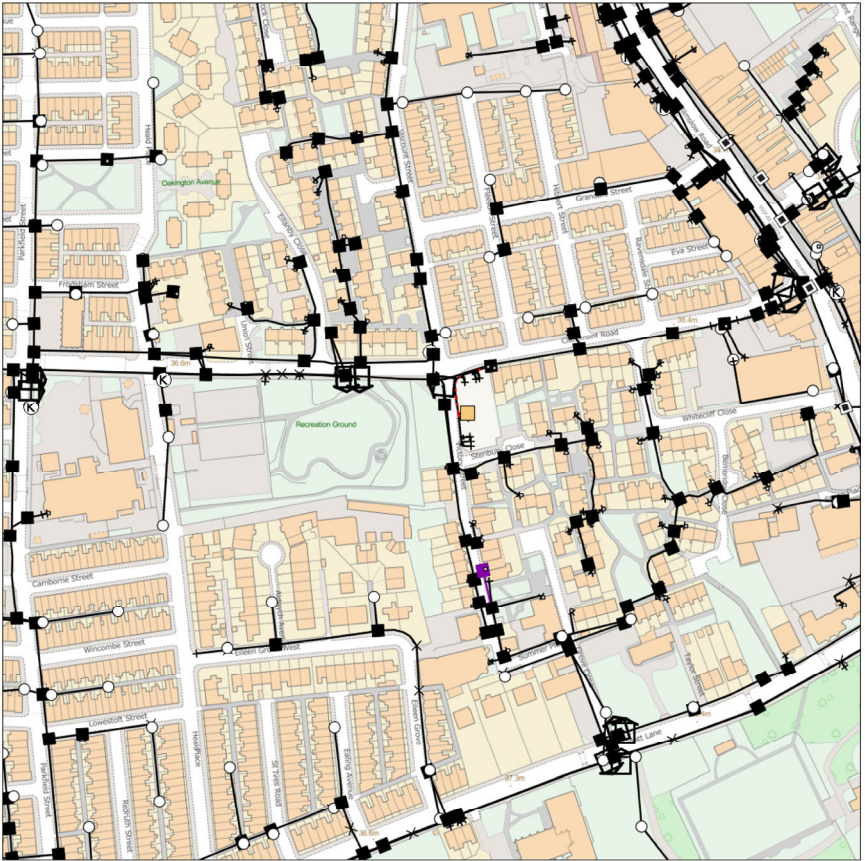


The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

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Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.



openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE, ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE
email cbvtd@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbvtd

Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling		Built	
Pole			Duct Tee		Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
		Pending Add	In Place	Pending Remove	Not In Use	
Power Cable						
Power Duct					N/A	

BT Ref : QTM11123P

Map Reference : (centre) SJ8506195084

Easting/Northing : (centre) 305061,395084

Issued : 27/01/2020 11:12:40

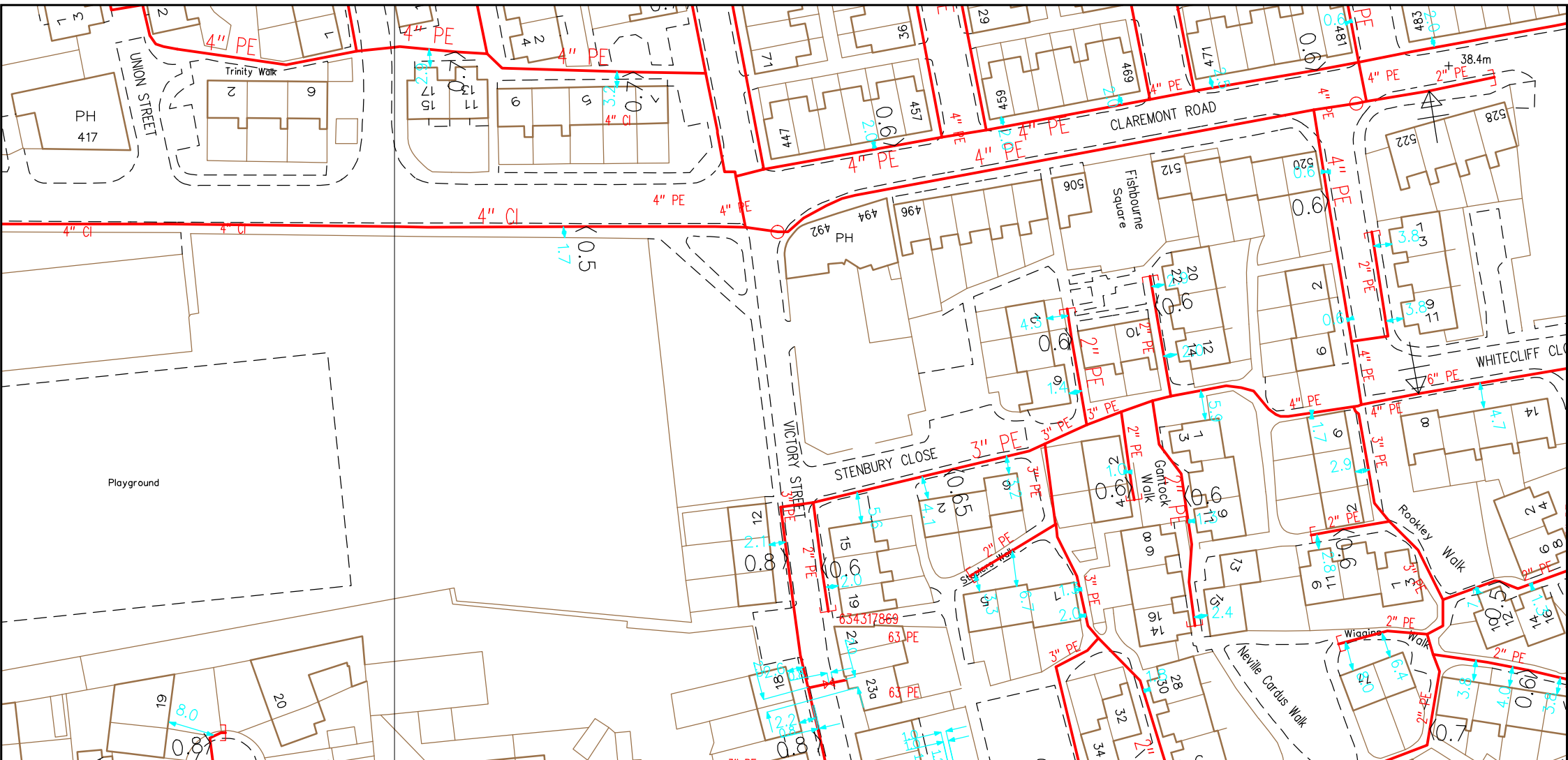
WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE BY FAX SEND E-MAIL TO: nnhc@openreach.co.uk

Reproduced from the Ordnance Survey map by BT

by permission of Ordnance Survey on behalf of the

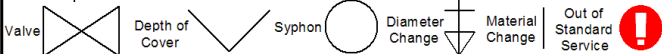
Controller of Her Majesty's Stationary Office

(C) Crown Copyright British Telecommunications plc 100028040



SCALE: Not to scale
USER ID: gallantrys
DATE: 27/01/2020
EXTRACT DATE: 02/09/2019
MAP REF: SJ8595
CENTRE: 385075, 395086

Some examples of Plant Items:



This plan shows those pipes owned by Cadent Gas Ltd in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Ltd or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.

MAPS Viewer Version 5.8.0.1

Local Machine

This plan is reproduced from or based on the OS map by Cadent Gas Ltd, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.

Enquirer

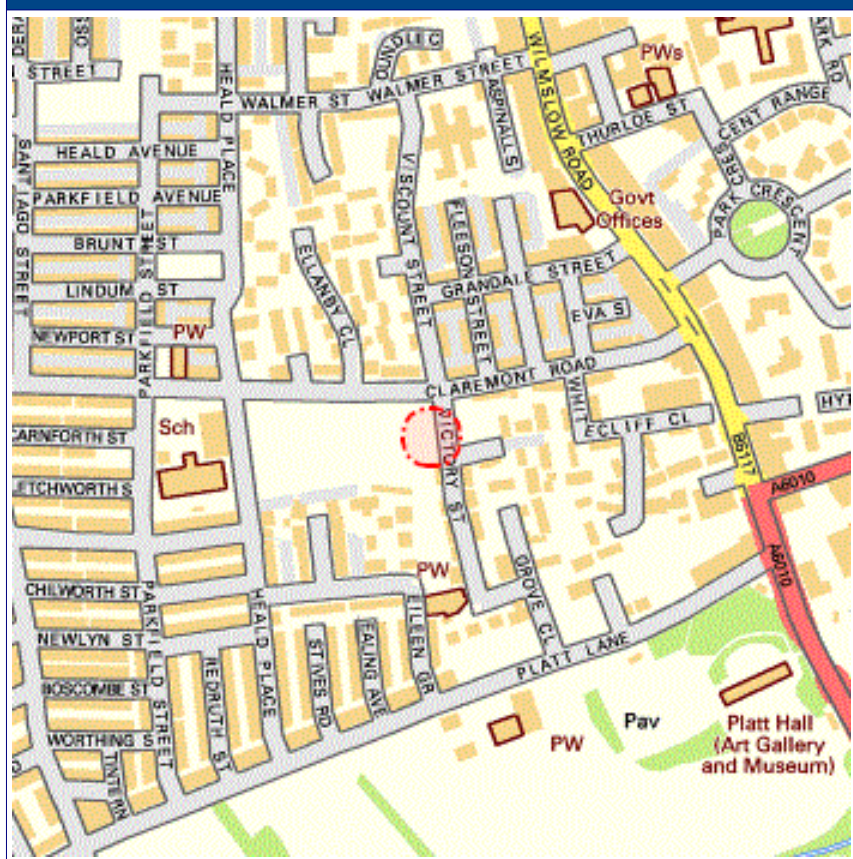
Name	Mrs Sara Hale	Phone	0151 227 3155
Company	Sutcliffe Projects	Mobile	Not Supplied
Address	18-20 Harrington Street Liverpool Merseyside L2 9QA		
Email	sara.hale@sutcliffe.co.uk		

Enquiry Details

Scheme/Reference	LG: 30669		
Enquiry type	Planned Works	Work category	Development Projects
Start date	28/01/2020	Work type	Housing
End date	29/01/2020	Site size	50 metres diameter
Searched location	XY= 385061, 395084	Work type buffer*	25 metres
Confirmed location	385061 395084		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works	Not Supplied		

* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.

Site Map



Asset Owners

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.lineasearchbeforeudig.co.uk ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

Notes. Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.

Validity and search criteria. The results of this enquiry are based on the confirmed information you entered and are valid only as at the date of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

Asset Owners & Responses. Please note the enquiry results include the following:

1. "LSBUD Members" who are asset owners who have registered their assets on the LSBUD service.
2. "Non LSBUD Members" are asset owners who have not registered their assets on the LSBUD service but LSBUD is aware of their existence. Please note that there could be other asset owners within your search area.

Below are three lists of asset owners:

1. **LSBUD Members who have assets registered within your search area. ("Affected")**
 - a. **These LSBUD Members will either:**
 - i. **Ask for further information ("Email Additional Info" noted in status).** The additional information includes: Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.
 - ii. **Respond directly to you ("Await Response").** In this response they may either send plans directly to you or ask for further information before being able to do so, particularly if any payments or authorisations are required.
2. **LSBUD Members who do not have assets registered within your search area. ("Not Affected")**
3. **Non LSBUD Members who may have assets within your search area.** Please note that this list is not exhaustive and all details are provided as a guide only. It is your responsibility to identify and consult with all asset owners before proceeding.

National Grid. Please note that the LSBUD service only contains information on National Grid's Gas above 7 bar asset, all National Grid Electricity Transmission assets and National Grid's Gas Distribution Limited above 2 bar asset.

For National Grid Gas Distribution Ltd below 2 bar asset information please go to www.beforeyoudig.nationalgrid.com

LSBUD Members who have assets registered on the LSBUD service within the vicinity of your search area.

List of affected LSBUD members

Asset Owner	Phone/Email	Emergency Only	Status
Electricity North West Limited	08001954141	08001954141	Await response
Fulcrum Pipelines Limited	03330146455	0800111999	Await response

LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area. Please be aware that LSBUD Members make regular changes to their assets and this list may vary for new enquiries in the same area.

List of not affected LSBUD members

AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
BP Exploration Operating Company Limited	BPA	Carrington Gas Pipeline
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
Chrysaor Production (UK) Limited	CLH Pipeline System Ltd	CNG Services Ltd
Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd	DIO (MOD Abandoned Pipelines)
Drax Group	E.ON UK CHP Limited	EirGrid
ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited	EP Langage Limited
ESP Utilities Group	ESSAR	Esso Petroleum Company Limited
Gamma	Gateshead Energy Company	Gigaclear Ltd
Gtt	Hafren Dyfrdwy	Heathrow Airport LTD
Humbly Grove Energy	IGas Energy	INEOS FPS Pipelines
INEOS Manufacturing (Scotland and TSEP)	INOVYN Enterprises Limited	Intergen (Coryton Energy or Spalding Energy)
Mainline Pipelines Limited	Manchester Jetline Limited	Manx Cable Company
Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited	Murphy Utility Assets
National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	Northumbrian Water Group	NPower CHP Pipelines
Oikos Storage Limited	Ørsted	Perenco UK Limited (Purbeck Southampton Pipeline)
Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos	Phillips 66
Premier Transmission Ltd (SNIP)	Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)
RWEnpower (Little Barford and South Haven)	SABIC UK Petrochemicals	Scottish and Southern Electricity Networks
Scottish Power Generation	Seabank Power Ltd	SES Water
Severn Trent (Chester area only)	SGN	Shell (St Fergus to Mossmorran)
Shell Pipelines	SSE (Peterhead Power Station)	SSE Enterprise Telecoms
SSE Utility Solutions Limited	Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)
Total Finaline Pipelines	Transmission Capital	UK Power Networks
Uniper UK Ltd	Vattenfall	Veolia ES SELCHP Limited
Veolia ES Sheffield Ltd	Wales and West Utilities	Western Power Distribution

The following Non-LSBUD Members may have assets in your search area. It is **YOUR RESPONSIBILITY** to contact them before proceeding. Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.

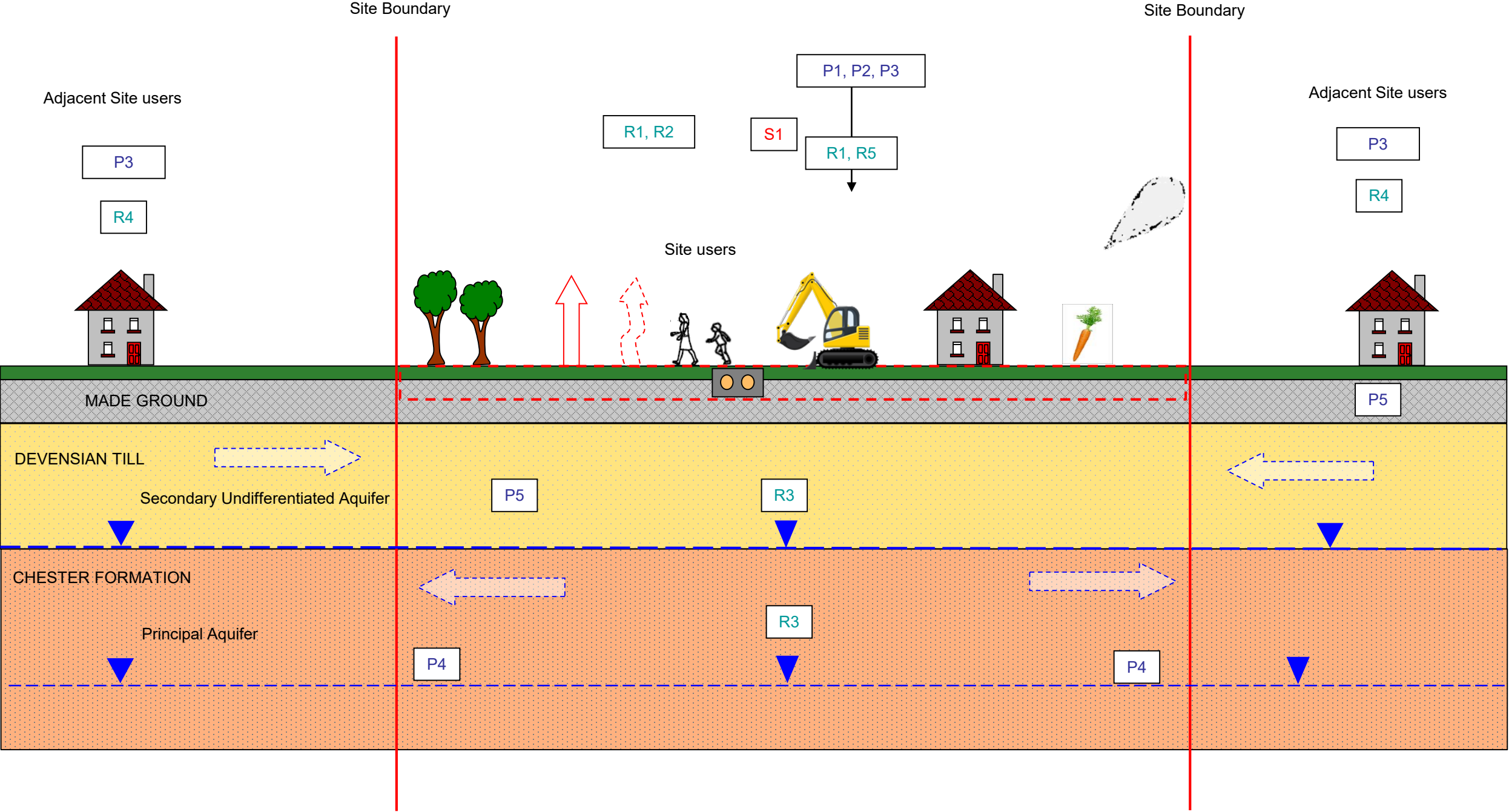
Non-LSBUD members (Asset owners not registered on LSBUD)			
Asset Owner	Preferred contact method	Phone	Status
BT	https://www.swns.bt.com/pls/mbe/welcome.home	08009173993	Not Notified
Cadent Gas	plantprotection@cadentgas.com	0800688588	Not Notified
CenturyLink Communications UK Limited	plantenquiries@instalcom.co.uk	02087314613	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified
Colt	plantenquiries@catelecomuk.com	01227768427	Not Notified
Energetics Electricity	plantenquiries@lastmile-uk.com	01698404646	Not Notified
ENGIE	nrswa@cofely-gdfsuez.com	01293 549944	Not Notified
GTC	https://pe.gtc-uk.co.uk/PlantEnqMembership	01359240363	Not Notified
KPN (c/-Instalcom)	kpn.plantenquiries@instalcom.co.uk	n/a	Not Notified
Manchester City Council	medc@manchester.gov.uk	01614552250	Not Notified
Mobile Broadband Network Limited	mbnlplantenquiries@turntown.com	01212 621 100	Not Notified
Sky UK Limited	nrswa@sky.uk	02070323234	Not Notified
Sota	SOTA.plantenquiries@instalcom.co.uk		Not Notified
Teliasonera	telentelia.plantenquiries@telent.com	0800526015	Not Notified
United Utilities	WastewaterDeveloperServices@uuplc.co.uk	08707510101	Not Notified
Utility assets Ltd	assetrecords@utilityassets.co.uk		Not Notified
Verizon Business	osp-team@uk.verizonbusiness.com	01293611736	Not Notified
Virgin Media	http://www.digdat.co.uk	08708883116	Not Notified
Vodafone	osm.enquiries@atkinsglobal.com	01454662881	Not Notified

Disclaimer

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Figure 4: Preliminary Conceptual Site Model



Key		
S1 – Potentially Contaminated Soil - Onsite		
R1 Future site Users		
R2 Construction Workers		
R3 Controlled waters		
R4 Adjacent Site Users		
R5 Infrastructure & Buried services		
P1 Direct Contact		
P2 Ingestion		
P3 Inhalation		
P4 Leaching & Migration		
P5 Vertical & lateral migration of ground gas		

	Ground gas migration
	Leachate migration
	Direct contact/ ingestion

	Client: One Manchester Limited		
	Project: Victory Street, Manchester		
	Title: Preliminary Conceptual Site Model (CSM)		
Purpose: Report	Draft		Scale (at A3)
	Issue	1	Not to scale
Issuing Office: Liverpool	Drawing number	Version	
Telephone: 0151 227 3155		A	