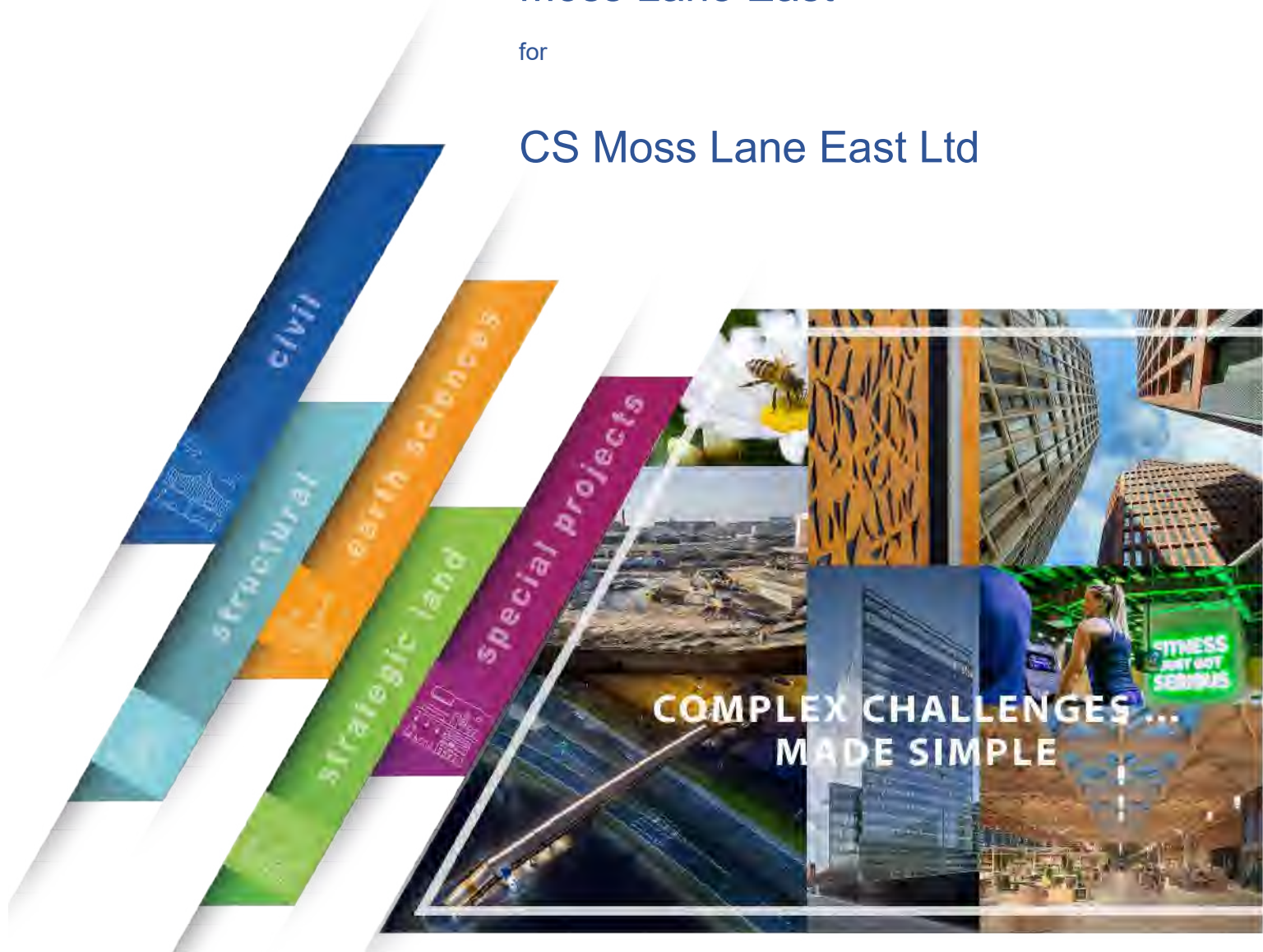


Phase 1 Desktop Study

Moss Lane East

for

CS Moss Lane East Ltd



04/11/2022



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Phase 1 Desktop Study

Moss Lane East

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1.0 Introduction

1.1 Background

- 1.1.1 RoC Consulting has been appointed by CS Moss Lane East Ltd to conduct a Phase 1 Desktop Land Contamination Study and site walkover at 466 to 472 Moss Lane East, Manchester (the site). It is understood that the site is to be redeveloped as an 9-storey student apartment block which wraps around the existing grade 2 listed building which is to be retained. The existing building located in the eastern portion of the site is to be demolished to facilitate the development.
- 1.1.2 The purpose of this desk-based study is to provide a preliminary assessment of the site relating to current and historic operations to establish baseline geo-environmental and geotechnical conditions. This report presents a factual account and highlights the more pertinent points with interpretation relating to potential sources of soil or groundwater contamination that may be present within site soils.
- 1.1.3 The information obtained during this assessment has also been used to collate a Preliminary Conceptual Site model for the proposed development to assist with the estimation of risks arising from contaminated land related concerns. Where required, this model will form the basis for future Phase 2 Intrusive Site Investigation works to further refine (and mitigate against) risks posed to future site users.

1.2 Terms of Reference

- 1.2.1 The desk-based environmental assessment was carried out following receipt of an instruction from CS Moss Lane East Ltd.



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1.3 Objectives

1.3.1 The objectives of the desk-based study were:

- To characterise the environmental setting of the site, including the geology, hydrogeology and hydrology of the site and surrounding areas from published data
- To identify (where possible) potential sources of ground, groundwater or surface water contamination and/or soil gas (hazardous materials) arising from past and/or current activities at the site and/or neighbouring properties
- To formulate a Preliminary Conceptual Site model and assess the risks posed to identified receptors soil and / or groundwater contamination or ground gas ingress
- As required, provide an initial indication of any intrusive site investigation works or remedial works required to ensure the sites safe redevelopment
- To undertake a preliminary geotechnical assessment of site conditions to identify potential abnormal items that may arise as a result of the site redevelopment

1.4 Scope of Work

1.4.1 The overall scope of work comprised reference to a Landmark 'Envirocheck' report as well as other published sources, and includes:

- Review of published geological, hydrogeological and hydrological information to establish environmental sensitivities at the site and within the surrounding environment
- Completion of a site walkover survey to establish present day site setting and conditions
- Review of historical map information to identify previous usage of the site and its immediate surroundings and search of a commercial environmental database, to identify potential sources of land contamination and potential environmental impacts
- Preparation of a report, outlining the findings and recommendations, including requirements for any further work considered necessary in order to better quantify any environmental hazards identified, and taking account of the site's current status



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1.5 Limitations of Study Assessment

- 1.5.1 The comments made in this report are based on the data available at the time of its completion. Any unusual or conflicting evidence discovered during any future site works must be presented to RoC Consulting as soon as possible so that any implications may be considered.
- 1.5.2 Additional information, changes in legislation or revised practices may necessitate re-interpretation of part or all of this report. Additionally, site redevelopment and/or a change in end use will require reinterpretation of the assessment.
- 1.5.3 The accuracy of the data supplied by third parties should be considered in the context of any known site conditions for which RoC Consulting cannot be held liable.
- 1.5.4 It should be noted that any subsequent revision of the proposed redevelopment or site boundary away from the above-mentioned drawing may result in the full or partial re-interpretation of this report and assessment.
- 1.5.5 The report has been produced by RoC Consulting for the client solely for the purposes of a review of information for the above-mentioned site. It may not be used by any person for any other purpose other than that specified without the express written permission of RoC Consulting. Any liability arising out of its use by a third party for purposes not wholly connected with the above shall be the responsibility of that party who shall indemnify RoC Consulting against all claims, costs, damages and losses arising out of such use.

2.0 Desk Top Review

- 2.0.1 The following chapter provides an overview to most salient findings of our desk based geo-environmental assessment. This information has been used to formulate the collation of a Preliminary Conceptual Site Model (as discussed in Section 3.0) to assess the potential impacts and risks associated with geo-environmental and geotechnical concerns across the site.
- 2.0.2 Supporting information and evidence has been provided within enclosed appendices and it is recommended reference be made to these documents / plans when reviewing this report.

2.1 Sources of Information

- 2.1.1 Background information on the site was acquired from the following sources:

- Envirocheck at the Ordnance Survey
- British Geological Survey 1" to 1 mile/1:10'000, solid & drift
- Environment Agency Groundwater Vulnerability Map
- Radon Atlas of England
- Observations from site walkover survey completed on the 22/05/2022

2.2 Site Location and Description

- 2.2.1 The site is located immediately to the south of Whitworth Park in Manchester and is centred around National Grid Ref E384859, N395661. The site is bound by Moss Lane East and Whitworth Park to the North, Heald Place and a hand car wash to the east, and Parkfield Street and residential housing to the west. To the south is a small MOT and service garage and convenience store, beyond which is further residential housing.
- 2.2.2 The site is currently occupied by two residential houses with basement structures, in use as which occupy the northern portion of the site with associated soft landscaping / gardens and a car park covering the south of the site. The western of the two residential buildings (nos. 466 and 468 Moss Lane East) is a Grade 2 listed building (List no. 1197931). The topography on the site is relatively flat with only localised falls to facilitate drainage.
- 2.2.3 Land use in the surrounding area is predominantly residential to the east, south and west with some limited commercial land uses (Garages, car wash etc.). A large area of public open space, Whitworth Park, is located to the north of the site.
- 2.2.4 No specific sources of contamination, or potentially contaminative industrial activities, were noted on site at the time of inspection. However, a car wash and service garage are located in close proximity.
- 2.2.5 A selection of photographs showing the site at the time of inspection are provided within Appendix A.

2.3 Site History

- 2.3.1 The site history has been compiled by reference to historical Ordnance Survey maps obtained from Envirocheck presented in Appendix B.

On Site Historical Land Uses

- 2.3.2 The residential building in the northwest part of the site is recorded on the earliest available historic maps in 1848. By the 1891 map the building in the northeast is also recorded along with gardens covering the southern portion of the site. A small building – likely a residential garage - was constructed to the rear of the northeastern building between 1948 and 1957. In the late 20th century, the garage was demolished, and gardens replaced with external car parking in the southern portion of the site during the late 20th century. No other land uses are recorded on historic mapping.

Adjacent historical land uses

- 2.3.3 Table 2.1 (provided below) gives an overview to the locality and proximity of potentially contaminative land uses historically located within close proximity to the site.

Table 2.1: Off Site History Overview

Distance (m)	Direction	Description	From	To
0-250m	Surroundings	The site is surrounded by residential housing and areas of public open space and fields. An increase in the density of residential housing is observable or records dating from 1907-1908.	1848	Present
50m	East	Whitworth Park Factory (Handkerchiefs). Labelled as factory 1960 to 1992).	1922-1933	2013
150m	Southeast	Laundry	1932-1934	1961-1986
100m	Southeast	Coach Works. Labelled as works 1961 to 1986.	1948-1957	1979-1991
175m	East	Motor Repair Works / Garage (Expanded 1951 to 1980)	1948-1957	2006
140m	Southeast	Engineering Works	1951-1980	1979-1991

- 2.3.4 The garage and convenience store buildings adjacent to the south are also first recorded in 1893. Only limited potentially contaminative historic activities have been identified following a review of historic mapping information with most of these being located at such a distance from the site that they are unlikely to have an impact upon the site. The most significant of the identified historic features is the factory that was located 50m to the east of the site with the remaining features likely too far away and too small in operation to have had any historic influence on the site.

2.4 Geology

Review of BGS geological map records (Sheet 85) indicate the site is underlain by the following:

Drift Geology: Devensian Till (Diamicton)

Solid Geology: Chester Formation Sandstone

A search has also been completed using the BGS Borehole Scans facility to establish what (if any) historic site investigation or borehole data may be available for the development. Two boreholes have been located within close proximity to the site and are summarised in table 2.2 below. The maximum depth of the Chester Sandstone Formation is not proven in either borehole but review of BGS map records indicated the sandstone to be roughly 100m in thickness in the area.

Table 2.2: BGS Borehole Encountered Ground Conditions

BHID	Direction	Distance	Made Ground (Depth to Base)	Devensian Till - Clay (Depth to Base)	Chester Sandstone
SJ89NE38	East	170m	1.22m	12.19m	13.11m (Depth of hole termination – Sandstone thickness not proven)
SJ89NW147	West	400m	0.91m	10.67m	Not Encountered

There are no geological faults or features indicated within 500m of the site.

Mining

- 2.4.1 The Envirocheck report (included in Appendix C) indicates that the site is not located in an area which may be affected by historic Coal Mining or Brine extraction. Consequently, we do not consider a coal Authority report to be required at this time.

Radon

- 2.4.2 According to the environmental database search, the site is in an area where radon protection measures are not required for new dwellings.

Ground Stability

- 2.4.3 Table 2.3 indicates the potential ground stability hazards on site, as obtained from the Envirocheck report.

Table 2.3: Ground Stability Hazards

Ground Stability Hazard	Risk Rating
Collapsible Ground	Very Low
Compressible Ground	No Hazard
Ground Dissolution	No Hazard
Landslide	Very Low
Running Sand	Very Low
Shrinking or Swelling Clay	Very Low

Soil Chemistry

- 2.4.4 Table 2.4 indicates the background estimated soil chemistry for the site, as obtained from the site sensitivity maps within Appendix D.

Table 2.4: BGS Estimated Soil Chemistry

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



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2.5 Hydrological

- 2.5.1 The Envirocheck Groundwater Vulnerability Map indicates the superficial deposits are classified as a secondary undifferentiated aquifer with the underlying Chester Formation bedrock designated as a Principal Aquifer.
- 2.5.2 The site is within an Environment Agency Source Protection Zone 3 (Total catchment).
- 2.5.3 The site is not located in close proximity to any sensitive groundwater abstraction points (e.g. for a potable water supply well). The nearest water abstraction point is indicated 996m to the northwest relating to Heineken UK Ltd. Water is abstracted from groundwater for use in general cooling associated with breweries.
- 2.5.4 The nearest surface water feature is indicated 915m to the southwest in the form of the Chorlton Brook. Water quality of this receptor (as indicated from a sampling point 969m to the south) indicates a GQA Grade of "B" (good) and a flow rate of less than 0.31 cumecs.
- 2.5.5 There are no active surface water abstractions at the site or within 500m of the site boundary.
- 2.5.6 The nearest discharge consent is indicated 131m to the north held by United Utilities for the release of storm sewage overflow into Malkin Brook Tributary Corn Brook.
- 2.5.7 No historic pollution incidents have been noted in close proximity to the site.
- 2.5.8 The Envirocheck database indicates that there have been no prosecutions relating to controlled waters or industrial processes within 500m of the site.
- 2.5.9 The site is not located within an area considered to be at risk from flooding (Flood Zone 1) and the risk of flooding from surface water is rated as very low (>1000-year return). The site is considered to have limited potential for groundwater flooding to occur, with properties below ground level most susceptible.

2.6 Hazardous Substances

- 2.6.1 There are no active Control of Major Accident Hazards Sites (COMAH), Explosive Sites, Notification of Installations Handling Hazardous Substances (NIHHS), Planning Hazardous Substance Consents, Radioactive Substance or Planning Hazardous Substance Enforcements within 500m of site.



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2.7 Landfill Sites and Other Waste Facilities

- 2.7.1 There are no active BGS recorded landfill sites, local authority recorded landfill sites, registered or historic landfill sites within a 500m radius of the site. Four instances of potentially infilled land are located within 250m of the site, the closest of which relates to a potentially infilled pond located 99m to the west of the site.
- 2.7.2 There are no Licensed Waste Management Facilities, waste treatment sites or registered waste transfer stations located at the site or within 500m of the site boundary.

2.8 Industrial Land Use & Processes

- 2.8.1 There are no Contaminated Land Register Entries and Notices (CLREN), Integrated Pollution Control (IPC), Integrated Pollution Prevention Control (IPPC) or Local Authority Pollution Prevention and Control Enforcements (LAPPCE) relating to authorised processes at the site or within 250m of the site boundary.
- 2.8.2 There are 5 LAPPCEs within 250m of the site boundary. These relate to petrol filling stations and respraying of road vehicles. The closest relates to a filling station however has been revoked. The nearest authorised LAPPCEs is located 214m to the southeast relating to the Moss Side Service Station.
- 2.8.3 Contemporary trade directory entries indicate there are no industrial or potentially contaminative activities on the site. Active entries for the immediate area indicate activity include domestic cleaning services, box and carton manufacture and a petrol filling station.
- 2.8.4 The nearest fuel station entry is indicated 85m to the southeast comprising the Save Whitworth Park Filling Station (location of current car wash) and is listed as obsolete. The nearest open petrol filling station is located 205m to the southeast and relates to MFG Rusholme.

2.9 Environmentally Sensitive Areas

- 2.9.1 The Envirocheck database indicates that there are no Nitrate Vulnerable Zones (NVZ), Special Protection Areas (SPAs), Sites of Special Scientific Interest (SSSI) or areas of adopted green belt.

2.10 Ecological Setting & Invasive Plant Species

- 2.10.1 There are no sites of Special Biological Interest (SBI), Special Areas of Conservation (SAC) or nature reserves at the site or within 250m of the site boundary.
- 2.10.2 No evidence of invasive plant species was noted during the course of the site walkover survey, although, it should be noted the inspection did not comprise a detailed ecological assessment.



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2.11 Unexploded Ordnance

- 2.11.1 The online Zetica UXO risk maps have been consulted and the site is located within an area of moderate UXO risk. It is recommended that a UXO specialist is consulted before any breaking ground occurs on site.

2.12 Former Site Investigation Information

- 2.12.1 At the time of writing no historic site investigation information was available for the site; reference has been made to geological map records and historical borehole information (as discussed in Section 2.4) when collating the Preliminary Conceptual Site Model.

2.13 Redevelopment Proposals

- 2.13.1 It is understood that the site is to be redeveloped as an 9-storey student apartment block, which wraps around the existing grade 2 listed building which is to be retained. The existing building located in the north-eastern portion of the site is to be demolished to facilitate the development. Some areas of soft landscaping are proposed to the south of the grade 2 listed building and the site frontage with Moss Lane.

3.0 Preliminary Conceptual Site Model

- 3.0.1 The results from the desk-based information review have been used to assess theoretical risks posed by ground contamination and ground stability issues beneath the site. The assessment considers these risks both in terms of the site's current arrangement and usage, as well as any potential future development (and associated construction process).
- 3.0.2 The assessment has been collated with reference to various statutory and non-statutory guidance documents relating to land contamination and ground stability. Specifically, the assessment has been conducted in accordance with the Environment Agency Land Contamination Risk Management (LCRM) guidance relating to the "Tier 1 Preliminary Risk assessment" process (revised April 2021).
- 3.0.3 In accordance with this method, a Preliminary Conceptual Model has been collated for the site based on the results of the desktop review. This model is based around the Source / Pathway / Receptor methodology as outlined in Fig 3.0.



Figure 3.0 Source Pathway Receptor Diagram

- 3.0.4 Risk assessments is the process of collating known information on a hazard or set hazards in order to establish actual or potential risks to receptors. The receptor may be human health, controlled waters, a sensitive local ecosystem or even construction materials. Receptors can be connected with the hazard under consideration via one or several exposure pathways (e.g., the pathway of direct skin contact and oral exposure).

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- 3.0.5 Risks are generally managed by isolating or removing the hazard, isolating the receptor, or by intercepting the exposure pathway. Without the three essential components of a source (hazard), pathway and receptor, there is deemed to be no risk. In other words, the mere presence of a hazard at a site does not mean that there will necessarily be risks.
- 3.0.6 Potential sources of contamination have been identified across the site, where applicable, based on observations and information obtained during the desktop review. These sources are defined based on either observation during historical map records or site recognisance (e.g., evidence of above ground fuel storage tanks or previous industrial operation); or by review of published environmental information on operations within or adjacent the site (e.g., historical landfill records, trade industry directory etc).
- 3.0.7 Where applicable, reference has been made to historical Department for the Environment Industry profiles and other information on industrial operations to better define the range of substances that may be present within soils beneath the site.
- 3.0.8 The risk assessment has been completed with reference to the guidance outlined within CIRIA 552 "Contaminated land risk assessment. A good practice guide". This risk assessment methodology considers the potential consequence / severity of risks that may be present within soils in comparison with the likelihood of exposure to or and occurrence of said risk. A range of risk classifications are provided within CIRIA 552 further details of which are provided in Table 3.0 below.

Table 3.0: Definition of risk class and consequence

Risk Class	Definition	Example
Minor	Potential for harm, although not significant, which may result in financial loss to resolve. Ground conditions where the use of PPE would readily mitigate risks posed to human health.	Low level contamination hotspots within made ground / demolition fill materials. Stunted or impeded plant growth due to poor soil quality.
Mild	Pollution of non-sensitive water resources or damage to crops, plant growth, below ground utilities or structures.	Perched groundwater contamination overlying low permeability aquifer or aggressive sulphate concentrations in soils.
Medium	Sources of contamination identified on site have the potential to cause both long and short-term health effects on site residents / users. Alternatively (or in conjunction with) sources of contamination may have the potential to impact surface or groundwater quality or impede vegetation growth.	Elevated concentrations of hydrocarbon contamination reported within topsoil tested within residential gardens as a result of inadequate or incomplete previous remediation works. Movement of contaminated groundwater from leaking below ground storage tank into adjacent surface water course.
Severe	Sources of contamination pose a credible and acute risk to human health with potential for "Significant Harm" occurring as defined by the Part IIA of the Environmental Protection Act (1990). Alternatively (or in conjunction with risks posed to human health) sources of contamination may pose an immediate risk to controlled water resources or ecosystems.	Grossly contaminated soils are encountered or disturbed during excavation works, causing an immediate release of toxic soil vapour and leachate / contaminated groundwater flow across adjacent land.

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- 3.0.9 As previously discussed the contaminated land risk assessment model evaluates both, the severity of risks that may be present within soils / groundwaters in the context of threats posed to identified receptors before deriving the actual risk rating based on the probability of occurrence. Table 3.1 (provided overleaf) outlines the range likelihood of risk.

Table 3.1: Probability Assessment

Classification	Definition
High likelihood	A credible pollutant linkage has been identified and it is very likely contaminants will impact identified receptors in both the short or long term (or is already actively doing so). The potential for harm to be caused is thus highly likely.
Likely	Pollutant linkages between the sources of contamination and identified receptors are present and it is considered likely they will become active given the right set of circumstances (e.g. contaminants currently buried below ground that are likely to be exposed or disturbed during construction / excavation works. The circumstances are such that an event is not inevitable, however it is possible in the short term and likely over the longer term.
Low likelihood	A theoretical pollutant linkage has been identified that has the potential to exposure receptors to contaminates under the correct circumstances. However, the likelihood of such an event occurring is not a certainty, even in the long term
Unlikely	There is no / minimal likelihood a pollutant linkage would occur, even over the long term.

- 3.0.10 The risk assessment process is a combination of probability and consequence, recognising that it may be possible to have a significant source of contamination beneath a site (such as a large below ground chemical storage tank) that may only present a relatively moderate to low risk (owing to the fact it may be contained within a secure concrete bund). Table 3.2 indicates how the actual nature of risk is established with Table 3.3 illustrating how the risk is interpreted in the context of contaminated land risk assessment.

Table 3.2: Risk Definition

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate / Low Risk
	Likely	High Risk	Moderate Risk	Moderate / Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate / Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate / Low Risk	Low Risk	Very Low Risk	

Table 3.3: Description of risks posed

Risk Definition	Description
Very High	Active pollutant linkages between a significant source of contamination and identified receptors have been established and there is a high likelihood of severe harm occurring to said receptors unless immediate investigation and remediation action is not taken.
High Risk	Harm is likely to arise to receptors from an identified hazard in the short and long term. Urgent investigation of the contaminant issue will be required, and remedial treatment is likely.
Moderate Risk	The possibility of harm has been identified toward receptors under the right circumstances, although the severity of harm would be relatively mild. Further investigation of identified issues would be prudent and possible need for remedial measures in the long term.
Low Risk	It is possible harm could arise to a designated receptor from identified hazard, but it is likely (if realised) any harm would be (at worst) mild.
Very Low Risk	No significant pollutant linkages have been identified and the possibility of harm occurring to receptors is low.

Potential Sources

3.0.11 Based on the current / historical uses of the site, and the surrounding area, the following potential sources of contamination / abnormal items have been identified:

- On site made ground deposits associated with historic development and proposed demolition of eastern building
- Potential on site asbestos associated with proposed demolition of the eastern building
- On site ground gas generation associated with made ground deposits from historic development / demolition fill from demolition of eastern building
- Off site hydrocarbons, PAHs and other organic compounds, inorganics, acids / alkalis, detergents and metals associated with the garage to the south of the site historic factory
- Off site hydrocarbons, PAHs and other organic compounds and metals associated with the carwash and former fuel station 20m to the east of the site. It is likely that fuel is or was stored here at some point in the past, potentially in underground fuel tanks



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Potential Pathways and Receptors

3.0.12 The following potential pathways and receptors have been identified for the above potential sources of contamination:

- End users of the site (future site users) could be at risk of exposure to contaminated soils / materials at the site via ingestion, direct contact and inhalation of contaminated dust / vapours / hazardous gas
- Construction persons could also be at risk of exposure to contaminated soils via ingestion, direct contact and inhalation of contaminated dust / vapours / hazardous gas
- Below ground structures such as concrete foundations or water supply pipe work could be at risk of chemical attack and damage as a result of aggressive ground conditions

3.0.13 Table 3.4 (provided overleaf) assess and summarise the pollutant linkages that may exist at the site; the assessment has assumed that the site is to be redeveloped for use as a student apartment block.

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Table 3.4		Preliminary Conceptual Site Model					
Source		Pathway	Receptor	Severity	Probability	Risk definition	Comments
On Site	Ground Conditions, including Made Ground and potential asbestos from building demolition.	Dermal contact and / or ingestion; inhalation of vapours / dusts	Current Site Users	Minor	Unlikely	Very Low	The site currently serves as residential apartments and is predominantly hardstanding with some areas of soft landscaping present. However, it is unlikely that any sources of contamination are present in areas of soft landscaping and made ground deposits on site are most likely located beneath the car park / buildings.
			Construction workers	Mild - Medium	Likely	Low - Moderate	Construction persons are considered to be at the greatest risk of exposure to contaminants during the site's redevelopment. Additionally, the presence of as yet, unreported sources of contamination cannot be precluded*
			Future Site Users	Minor	Unlikely	Very Low	The site is to be developed to comprise a residential apartment block with the grade II listed building on site retained. The proposals are predominantly hardstanding in nature with some limited areas of soft landscaping where a possible pathway may exist but is unlikely.
			Ecological	Minor	Unlikely	Very Low	There is no evidence of contaminants that may be harmful to the health of vegetation currently observable on site and existing vegetation appears healthy.
	Leaching of contaminated soil	Controlled Waters: Aquifer	Minor	Unlikely	Very Low	It is extremely unlikely that onsite sources have caused any contamination significant enough in concentration to impacts on any below ground aquifers. Furthermore, the presence of clays beneath the site will serve to limit the migration of any mobile contamination present below the site.	
		Controlled Waters: Surface Water	Minor	Unlikely	Very Low	Given the significant distance to the nearest surface water course and the lack of any significant onsite sources of contamination identified as likely being present on site there is very low risk to any surface water receptors.	
	Ground Gas Generation	Migration / Accumulation	Current Site Users	Minor	Unlikely	Very Low	There are potentially made ground deposits located beneath the site with the potential to generate limited amounts of ground gas. Although it is not anticipated that significant levels of ground gas will be present.

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Table 3.4		Preliminary Conceptual Site Model					
Source		Pathway	Receptor	Severity	Probability	Risk definition	Comments
	Associated With Made Ground Deposits		Construction Workers	Minor	Low Likelihood	Very Low	There are potentially made ground deposits located beneath the site with the potential to generate limited amounts of ground gas. Although it is not anticipated that significant levels of ground gas will be present. Construction persons may have greater exposure to ground gas risks when working in confined spaces.
			Future Site Users	Minor	Unlikely	Very Low	There are potentially made ground deposits located beneath the site with the potential to generate limited amounts of ground gas although it is not anticipated that significant levels of ground gas will be present. New occupied building structures could present new pathways and receptors for ground gas accumulation
Off Site	Leaching of Contaminants from Surrounding Potentially Contaminative Industries (Former fuel station, garage, historic factory)	Dermal contact and / or ingestion; inhalation of vapours / dusts	Current Site Users	Mild	Unlikely	Very Low	The site currently serves as residential apartments and is predominantly hardstanding with some areas of soft landscaping present. The potential exists for contaminants from nearby identified sources to migrate to the site, but it is considered unlikely any current site users should come into contact with contaminants originating from offsite sources.
			Construction workers	Mild - Medium	Likely	Low - Moderate	Construction persons are at the greatest risk of exposure to contaminants during the site's redevelopment. It is feasible for soils at depth to have been affected by hydrocarbon contamination from the former fuel station location 20m east of the site. Additionally, the presence of as yet, unreported sources of contamination cannot be precluded*
			Future Site Users	Mild	Unlikely	Very Low	The site is to be developed to comprise a residential apartment block with the Grade II listed building on site retained. The proposals are predominantly hardstanding in nature with some limited areas of soft landscaping. The potential exists for contaminants from nearby identified sources to migrate to the site, but it is considered unlikely any future site users should come into contact with contaminants originating from offsite sources.
		Leaching of contaminated soil	Controlled Waters: Aquifer	Mild - Medium	Likely	Low - Moderate	It is feasible for offsite sources, particularly any fuel storage at the former fuel station located 20m east of the site, to have affected groundwater beneath the site.

4.0 Conclusions & Recommendations

4.0.1 The desk-based assessment has identified the following:

- The site has been occupied by residential housing from the 1840s to the present day with the Grade II listed building in the western portion of the site constructed pre 1840 and the eastern building constructed circa 1891. The site has remained largely unchanged since this time with the exception of a car park added in the southern portion of the site in the late 20th century.
- The site is located in an area which has historically been occupied by predominantly residential housing and Whitworth Park to the north. Some limited industrial land uses have been noticed in the surrounding area including a former handkerchief factory, garage and car washing facility.
- The site is likely underlain by some limited made ground deposits underlain by Devensian Till and the Chester Formation Sandstone. Intrusive investigation of ground conditions will be required in order to inform geotechnical design.
- Further investigation of potential contaminants identified is required in order to undertake a risk assessment of the risks posed by the identified potential sources of contamination to receptors (human health).

4.0.2 With reference to the above it is noted the site has potential to impact on identified receptors, both during the construction process and as part of its subsequent operation as student apartments. The potential for fuel storage at the nearby former fuel station could have affected site soils and groundwater.

4.0.3 As such it is recommended that a programme of site investigation works be completed to further investigate the quality and composition of site soils with respect to risks posed by sources of contamination and ground gas ingress. Consideration should also be given to establishing the foundation design parameters and sufficient geotechnical information to support new building design.



COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX A - SITE PHOTOS & DRAWINGS



BOL	Bollard
BT	BT Cover
CB	Control Box
CH	Ceiling Height
CL	Cover Level
DK	Drop Kerb
EH	Eaves Height
FH	Fire Hydrant
FFL	Finished Floor Level
FP	Flag Pole
GAS	Gas Valve
GY	Gully
IC	Inspection Cover
LC	Lighting Cover
LP	Lamp Post
MH	Man Hole
PH	Parapet Height
RH	Ridge/Roof Height
RWP	Rain Water Pipe
SP	Sign Post
SV	Stop Valve
TF	Top of Fence
TL	Threshold Level
TP	Telegraph Pole
TS	Traffic Signal
TH	Top of Hedge
TW	Top of Wall
U/S	Under Side
WP	Water Pipe
WV	Water Valve

TEL - 0161 710 2861 - Email - info@acad-design.com - www.acad-design.com

ADDRESS
466 MOSS LANE EAST

DRAWING NUMBER	AC2001263-01
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[illegible]



View from Moss Lane of eastern building



View from Moss Lane of western Grade II listed building



Southern view of eastern building



Basement structure

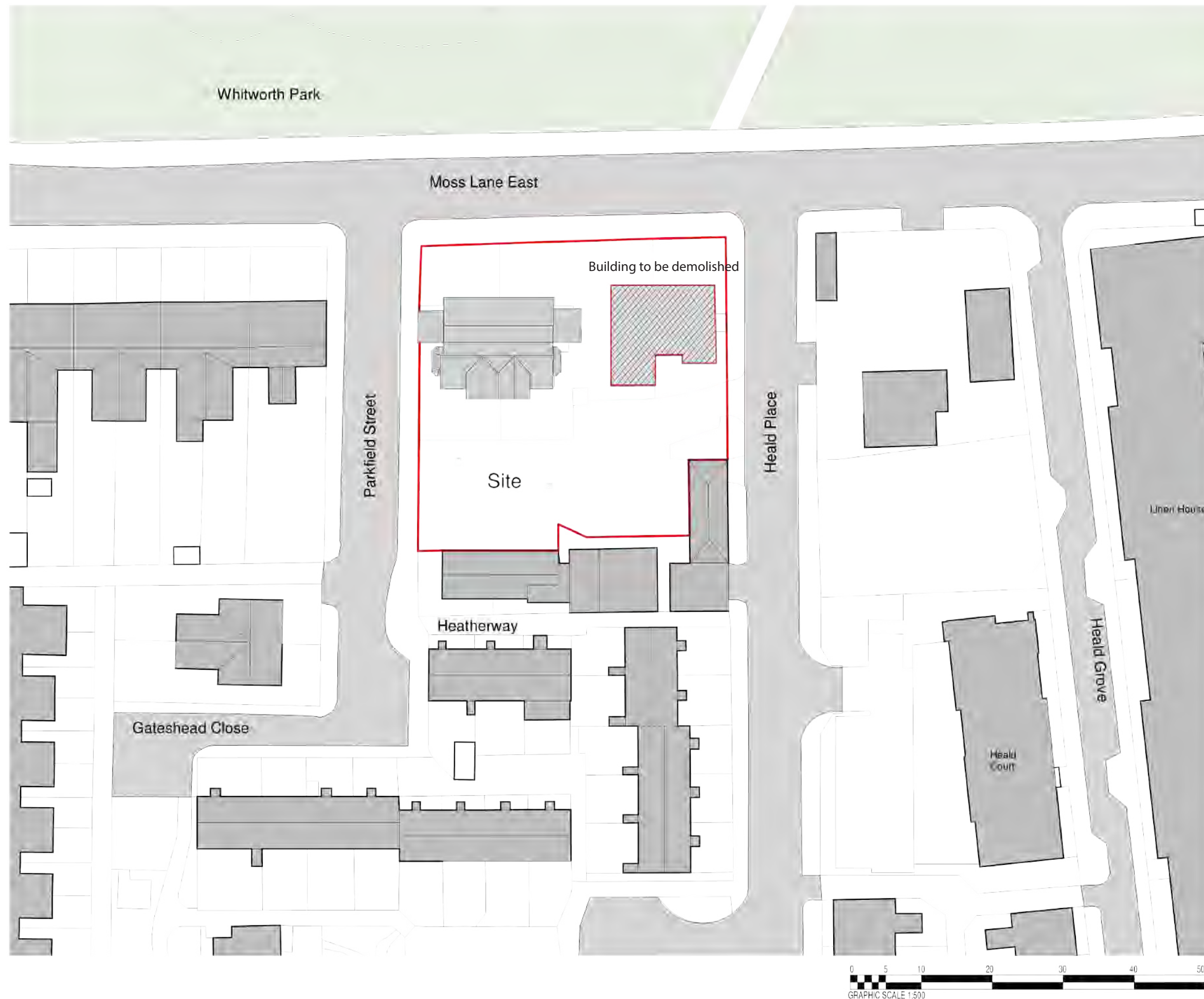


Boarded up windows



Southern view of western Grade II listed building

	JOB NO	4453	SKETCH NO	ESK101	DRAWN BY : RM
	PROJECT TITLE	Moss Lane East	SKETCH TITLE	Site Photos 1 of 1	



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REV	DATE	NOTE	OWN	CHK
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Services:

Futureserv

Structures:

ROC Consulting

Client:

City Side

Project:

Moss Lane East

466-472 Moss Lane East, Manchester M14 4PJ

Drawing Title:

Demolition Plan

Project No:	Sheet No:	Stage:
1094	005	Planning

Scale:	Paper Size:	Revision:
1 = 500	A3	

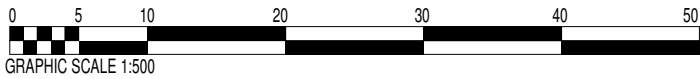
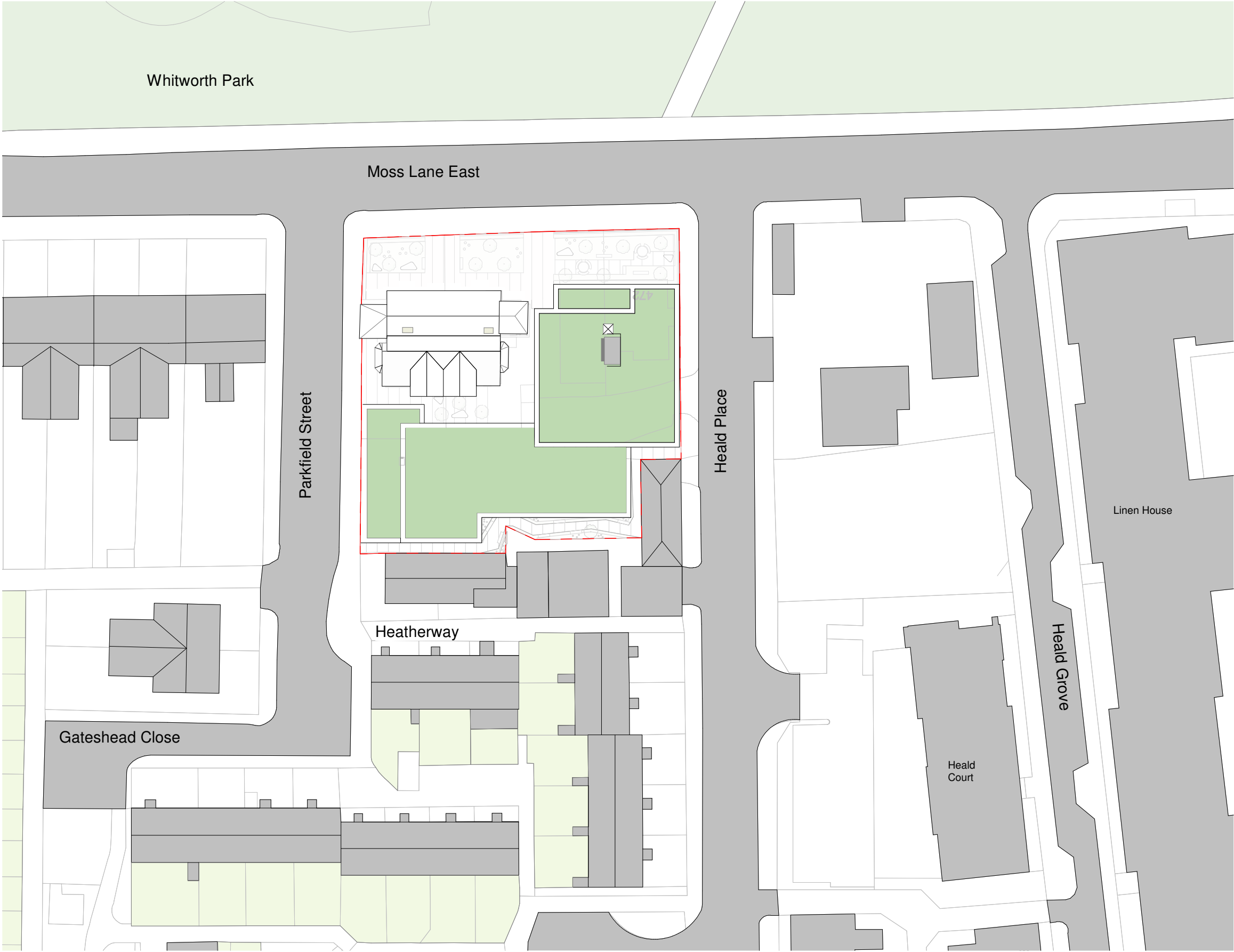
Drawn By:	Checked By:	Date of first issue:
GAB	CS	10/06/22

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Services:
Futureserv

Structures:
ROC Consulting

Client:
City Side

Project:
Moss Lane East
466-472 Moss Lane East, Manchester M14 4PJ

Drawing Title:
Proposed Site Plan

Project No:	Sheet No:	Stage:
1094	006	Planning

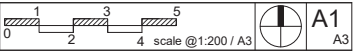
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Drawn By:	Checked By:	Date of first Issue:
CAB	CS	10/06/22

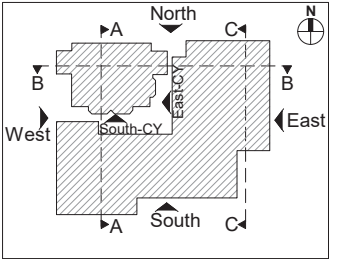
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KEY

PL	05/10/22	Planning Issue	CB	CS
REV	DATE	NOTE		DWN CHCK

Services:

Futureserv

Structures:

ROC Consulting

Client:

CS Moss Lane East Ltd

Project:

Moss Lane East

466-472 Moss Lane East, Manchester M14 4PJ

Drawing Title:

GA-Basement

Proposed GA plan

Project No:	Sheet No:	Stage:
1094	099	Planning

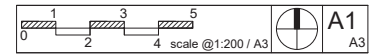
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Drawn By:	Checked By:	Date of first Issue:
CB	CS	05/10/22

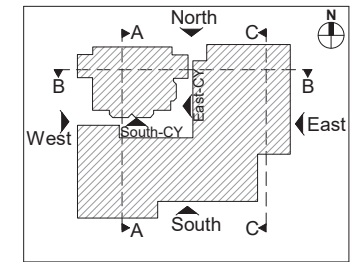
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KEY

PL 05/10/22	Planning Issue	CB	CS
REV	DATE	NOTE	DWN CHK

Services:
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Structures:
ROC Consulting

Client:
CS Moss Lane East Ltd

Project:
Moss Lane East

466-472 Moss Lane East, Manchester M14 4PJ

Drawing Title:
GA - Ground Floor

Proposed GA plan

Project No:	Sheet No:	Stage:
1094	100	Planning

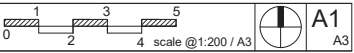
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CB	CS	05/10/21

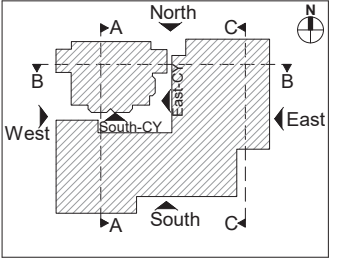
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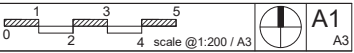
KEY

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REV	DATE	NOTE
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Structures:		
ROC Consulting		
Client:		
CS Moss Lane East Ltd		
Project:		
Moss Lane East		
466-472 Moss Lane East, Manchester M14 4PJ		
Drawing Title:		
GA - 1st Floor		
Proposed GA plan		
Project No:	Sheet No:	Stage:
1094	101	Planning
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Drawn By:	Checked By:	Date of first Issue:
CB	CS	05/10/22

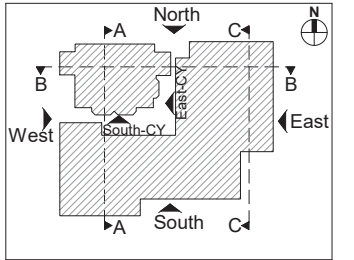
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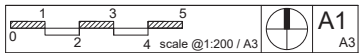


PL 05/10/22 Planning Issue		CB CS
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Structures:		
ROC Consulting		
Client:		
CS Moss Lane East Ltd		
Project:		
Moss Lane East		
466-472 Moss Lane East, Manchester M14 4PJ		
Drawing Title:		
GA - 2nd Floor		
Proposed GA plan		
Project No:	Sheet No:	Stage:
1094	102	Planning
Scale:	Paper Size:	Revision:
1 : 100	A1 A3	PL
1:200		
Drawn By:	Checked By:	Date of first Issue:
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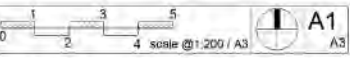
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PL 05/10/22 Planning Issue			CB CS
REV	DATE	NOTE	DWN CHCK
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Structures:			
ROC Consulting			
Client:			
CS Moss Lane East Ltd			
Project:			
Moss Lane East			
466-472 Moss Lane East, Manchester M14 4PJ			
Drawing Title:			
GA - 3rd-6th Floor			
Proposed GA plan			
Project No:	Sheet No:	Stage:	
1094	103	Planning	
Scale:	Paper Size:	Revision:	
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1:200	A3		
Drawn By:	Checked By:	Date of first Issue:	
CB	CS	05/10/22	

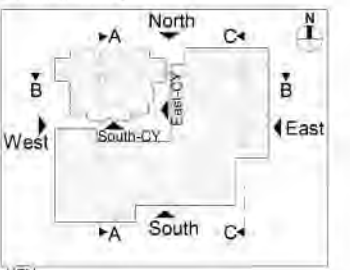
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KEY

PL 05/10/22	Planning Issue	CB	CS
REV	DATE	NOTE	DWN CHK

Services:
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Structures:
ROC Consulting

Client:
CS Moss Lane East Ltd

Project:
Moss Lane East
466-472 Moss Lane East, Manchester M14 4PJ

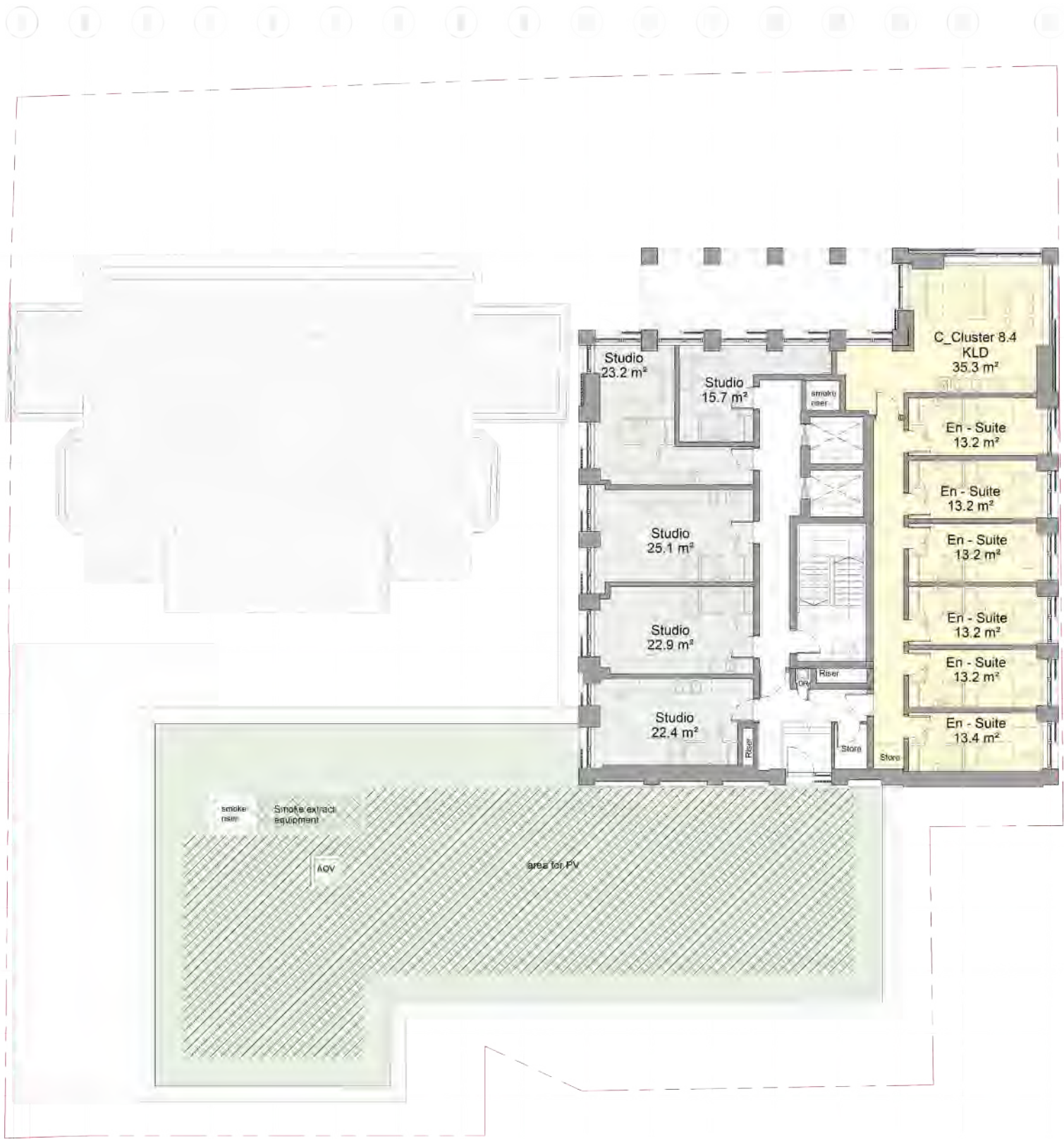
Drawing Title:
GA - 7th Floor
Proposed GA plan

Project No:	Sheet No:	Stage:
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Drawn By:	Checked By:	Date of first issue:
CB	CS	05/10/22

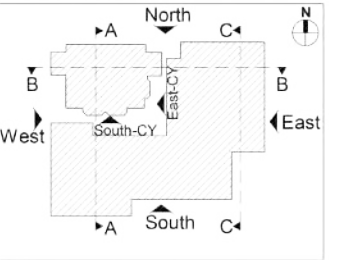
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PL	05/10/22	Planning Issue	CB	CS
REV	DATE	NOTE	DWN CHECK	

Services:
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Structures:
ROC Consulting

Client:
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Project:
Moss Lane East
466-472 Moss Lane East, Manchester M14 4PJ

Drawing Title:
GA - 8th Floor
Proposed GA plan

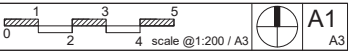
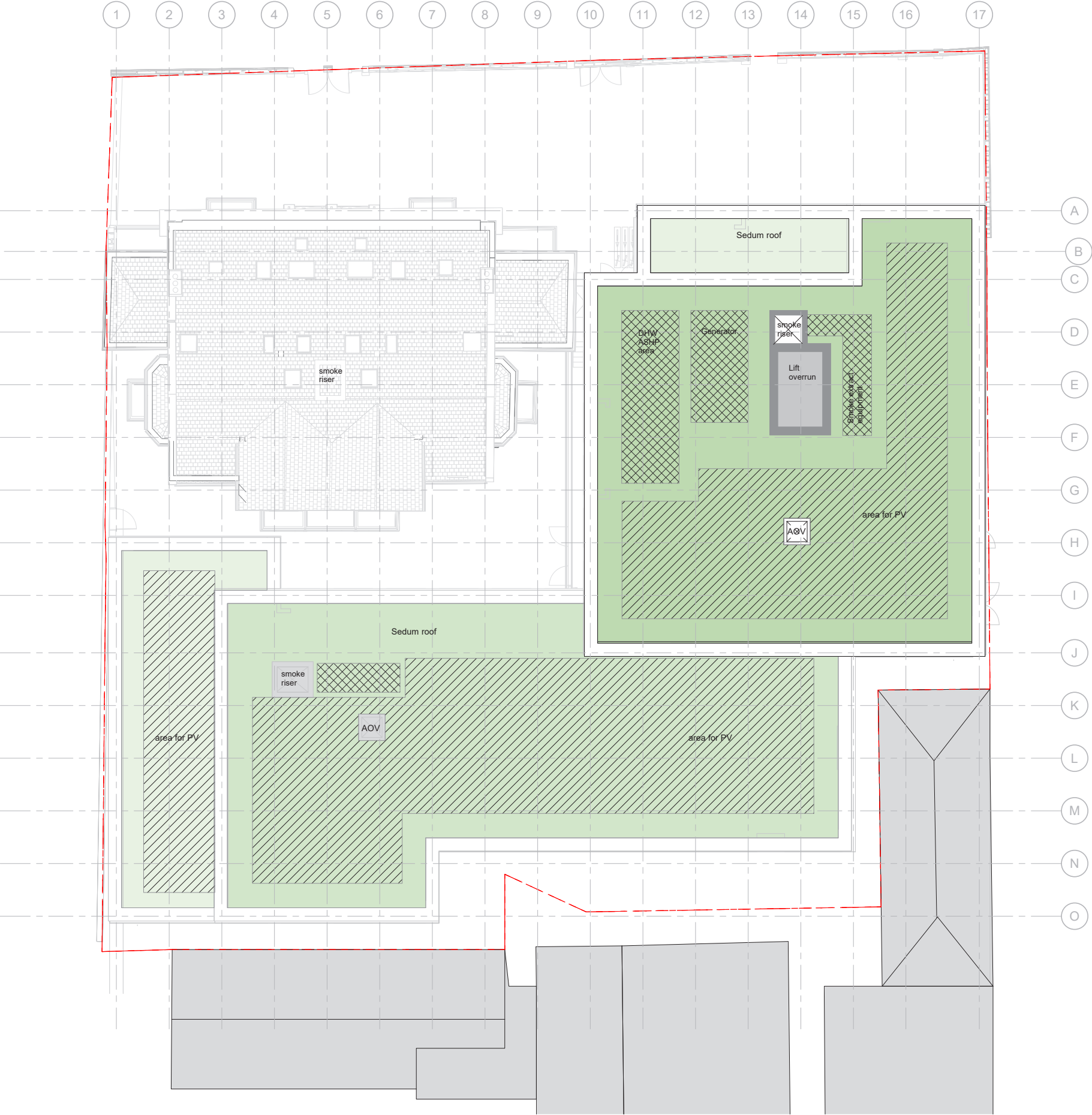
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Drawn By:	Checked By:	Date of first issue:
CB	CS	05/10/22

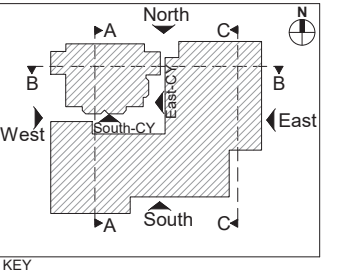
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REV	DATE	NOTE
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Services:		
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Structures:		
ROC Consulting		
Client:		
CS Moss Lane East Ltd		
Project:		
Moss Lane East		
466-472 Moss Lane East, Manchester M14 4PJ		
Drawing Title:		
GA - Roof		
Proposed Roof Plan		
Project No:	Sheet No:	Stage:
1094	109	Planning
Scale:	Paper Size:	Revision:
1 : 100	A1	PL
1:200	A3	
Drawn By:	Checked By:	Date of first Issue:
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COMPLEX CHALLENGES ...
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APPENDIX B - HISTORICAL MAPS

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

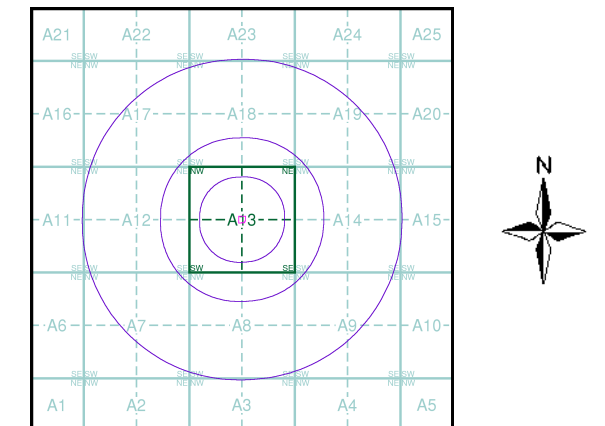
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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

ROC
CONSULTING

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	2021	20

Historical Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ

Landmark
INFORMATION GROUP

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

Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

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

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

Power Station, drawn to scale Hydroelectric Power Station

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

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

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

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

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

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

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

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

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

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

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

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

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

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

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

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

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

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

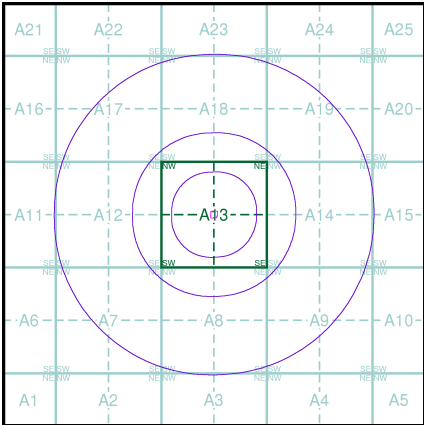
No.	Description
217	Education Establishment (University)



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	2021	20

Russian Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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



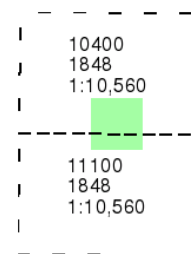
Lancashire And Furness

Published 1848

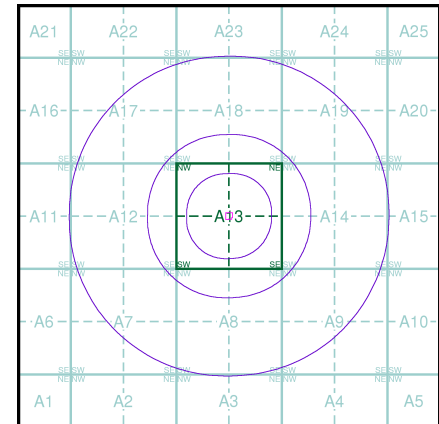
Source map scale - 1:10,560

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

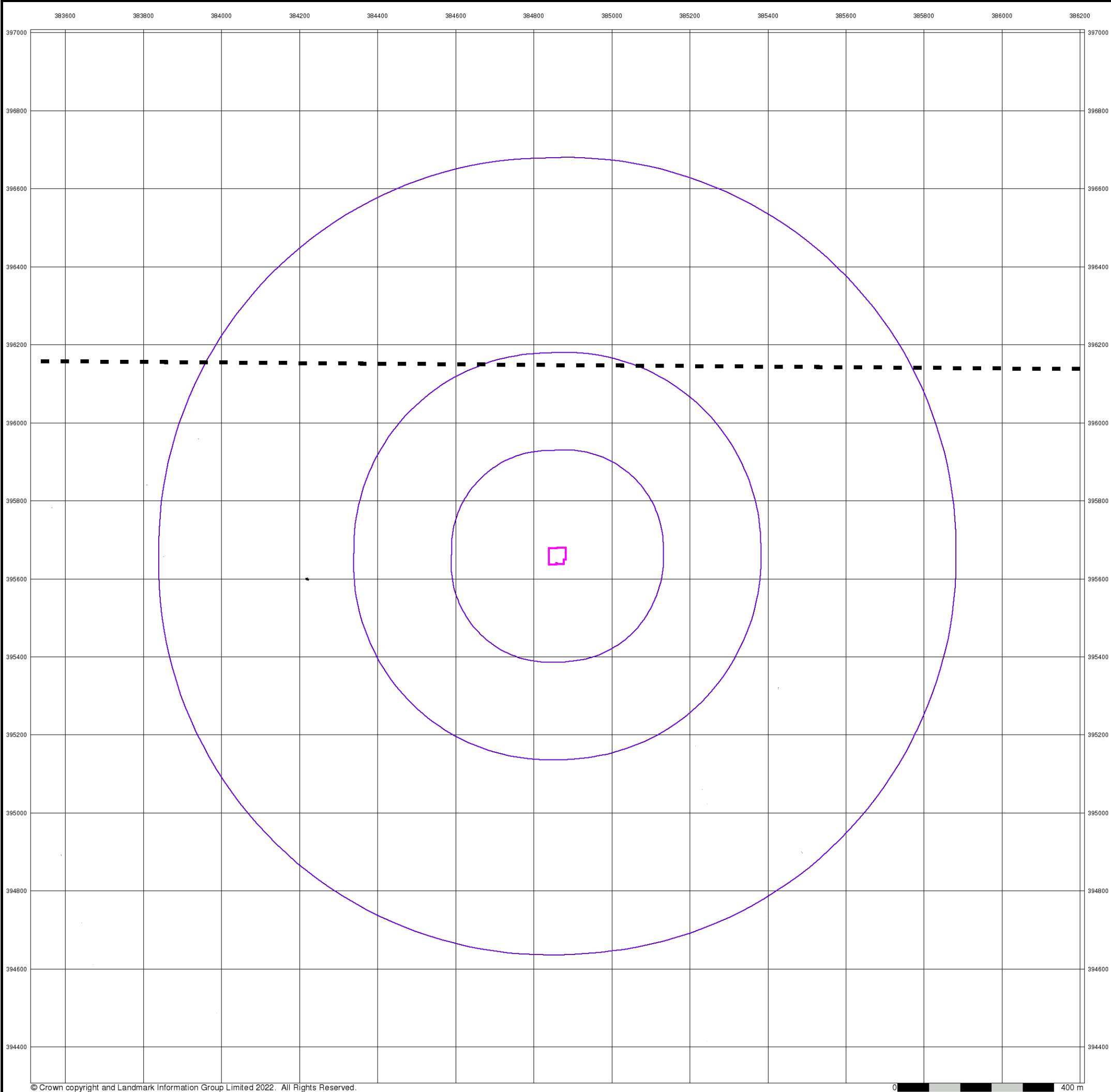
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

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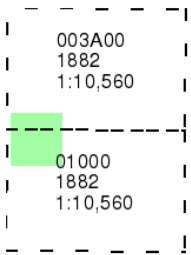
Cheshire

Published 1882

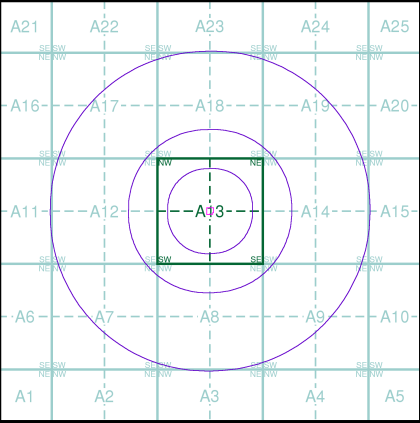
Source map scale - 1:10,560

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: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
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Site Details

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Lancashire And Furness

Published 1908 - 1909

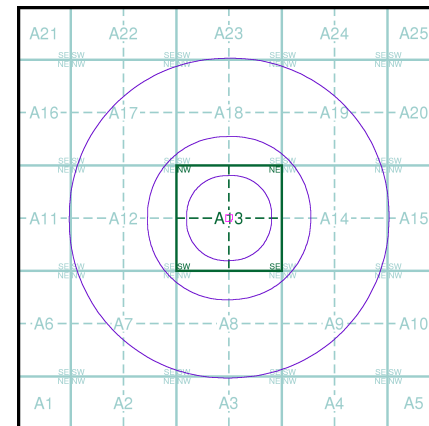
Source map scale - 1:10,560

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: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1923

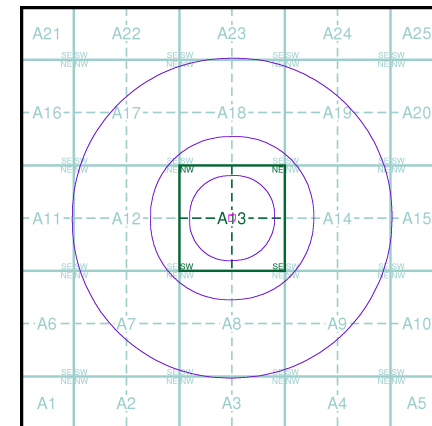
Source map scale - 1:10,560

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: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1932 - 1934

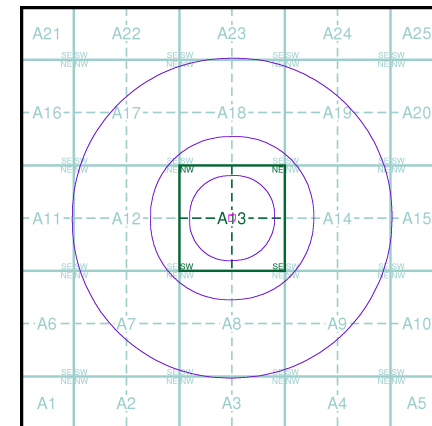
Source map scale - 1:10,560

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

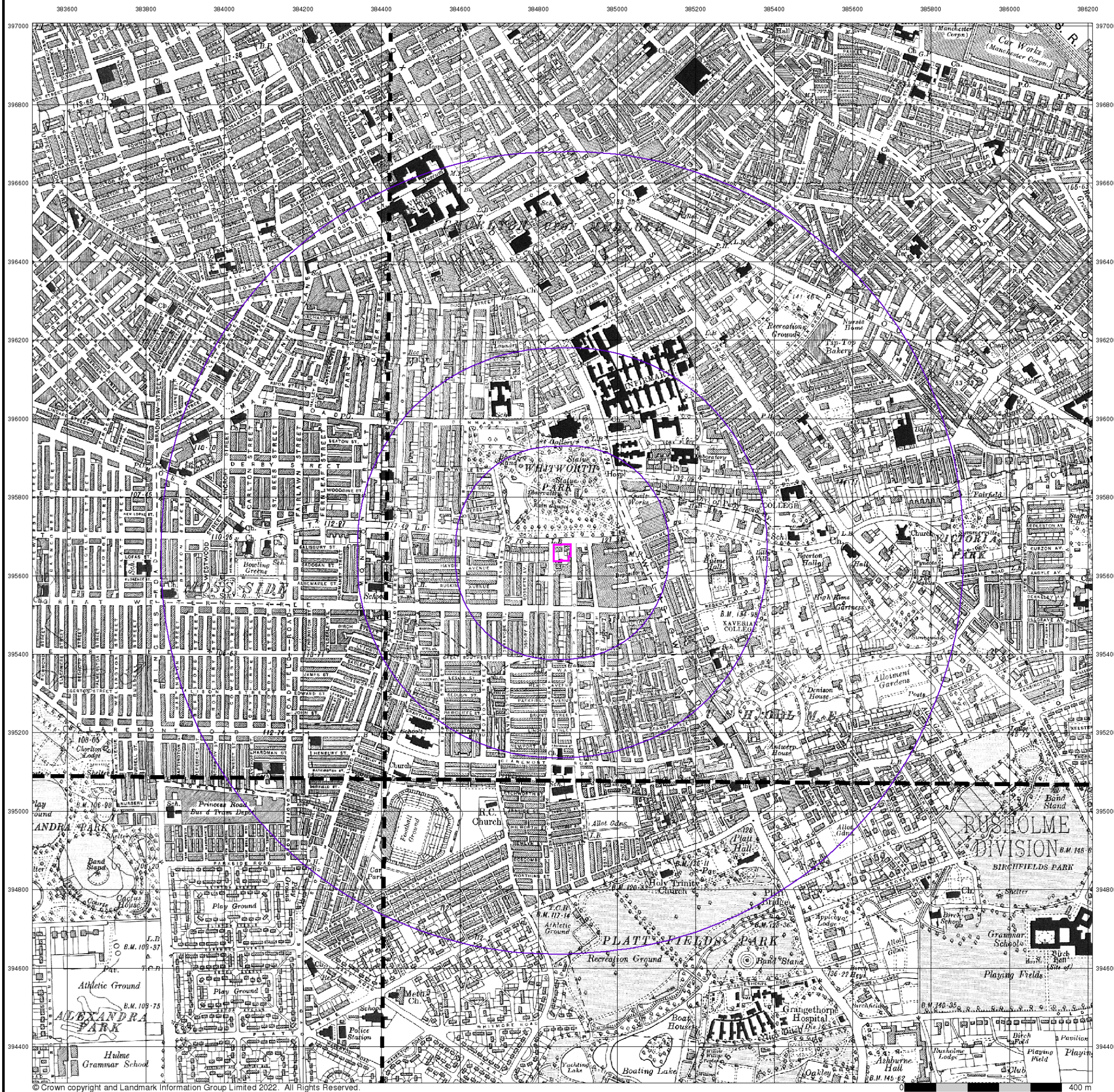
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

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Landmark
INFORMATION GROUP

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Lancashire And Furness

Published 1938

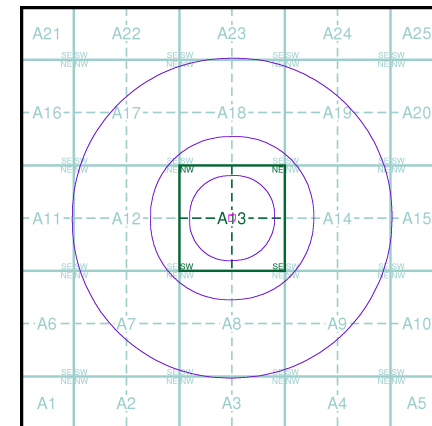
Source map scale - 1:10,560

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: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1955 - 1956

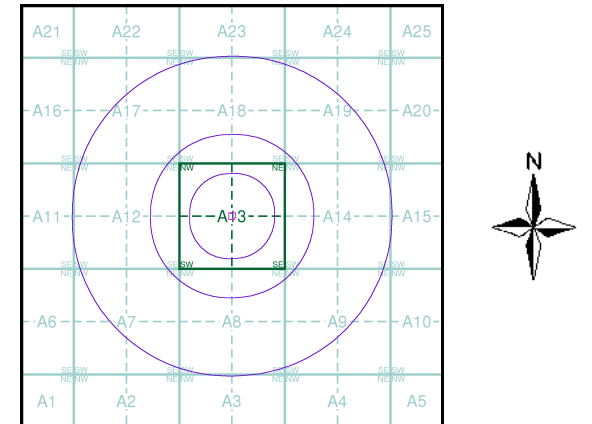
Source map scale - 1:10,000

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: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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Web: www.envirocheck.co.uk



Ordnance Survey Plan

Published 1972 - 1976

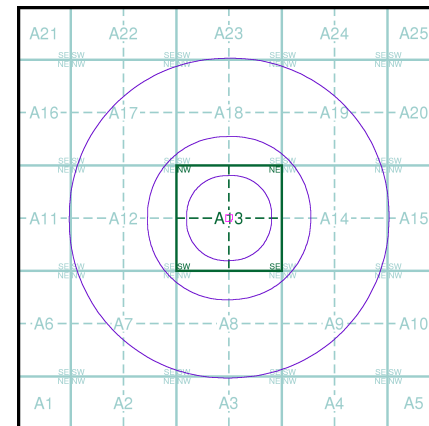
Source map scale - 1:10,000

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)

SJ89NW	1972	1:10,000
SJ89SE	1976	1:10,000

Historical Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



Tel: 0844 844 9952
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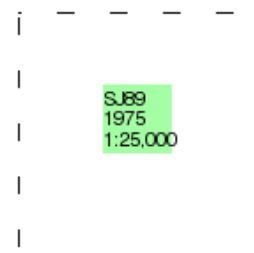
Manchester

Published 1975

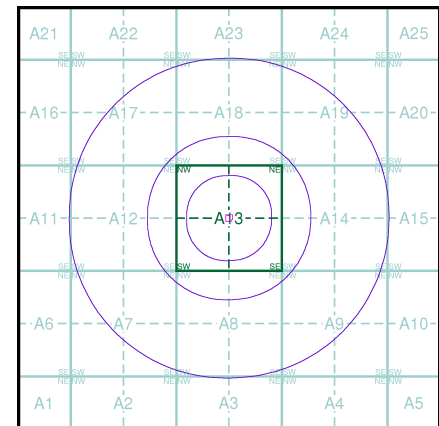
Source map scale - 1:25,000

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

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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





Ordnance Survey Plan

Published 1980 - 1985

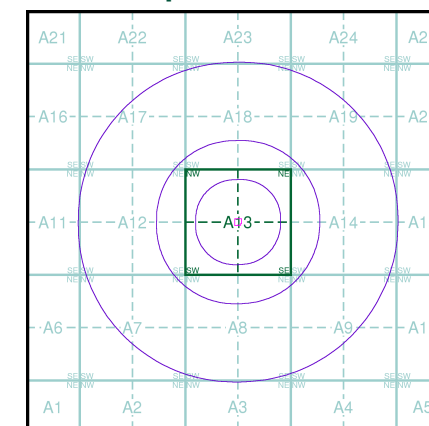
Source map scale - 1:10,000

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
I	
SJ89SW	SJ89SE
1981	1985
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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Ordnance Survey Plan

Published 1985 - 1989

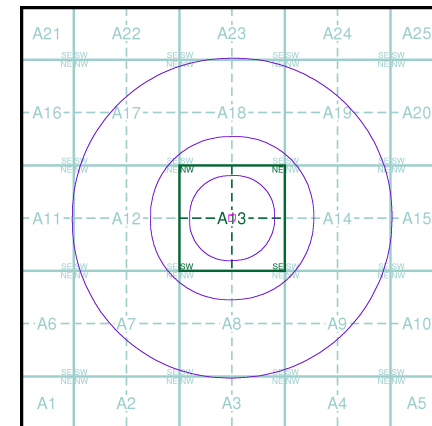
Source map scale - 1:10,000

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

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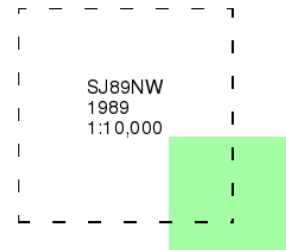
Ordnance Survey Plan

Published 1989

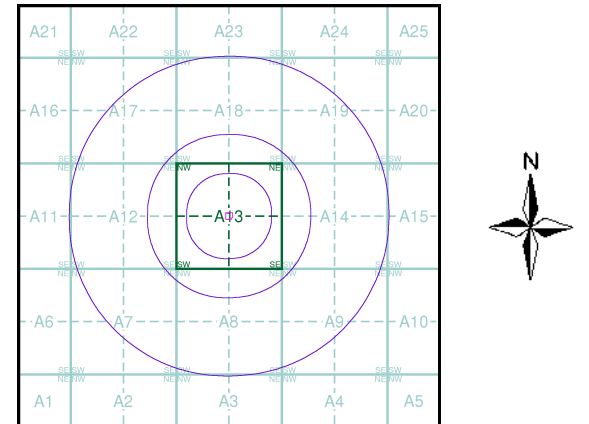
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

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Web: www.envirocheck.co.uk



Ordnance Survey Plan

Published 1990 - 1994

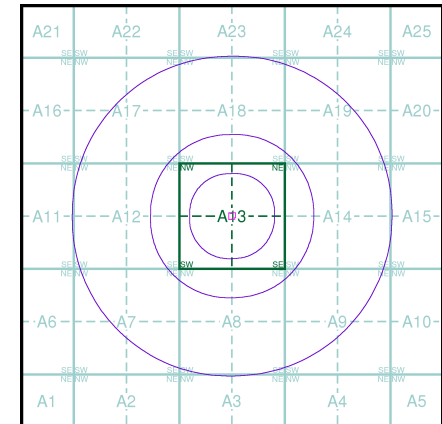
Source map scale - 1:10,000

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: 295623794_1_1
Customer Ref: 4453
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Slice: A
Site Area (Ha): 0.18
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Site Details

470, Moss Lane East, Manchester, M14 4PJ



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10k Raster Mapping

Published 1999

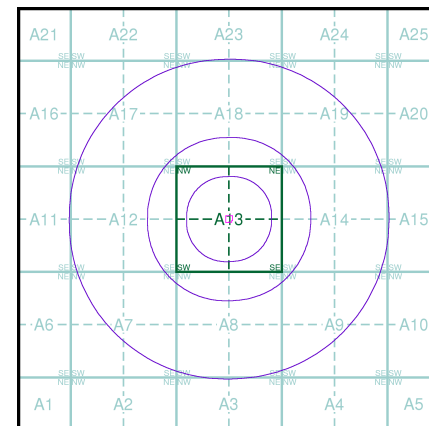
Source map scale - 1:10,000

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

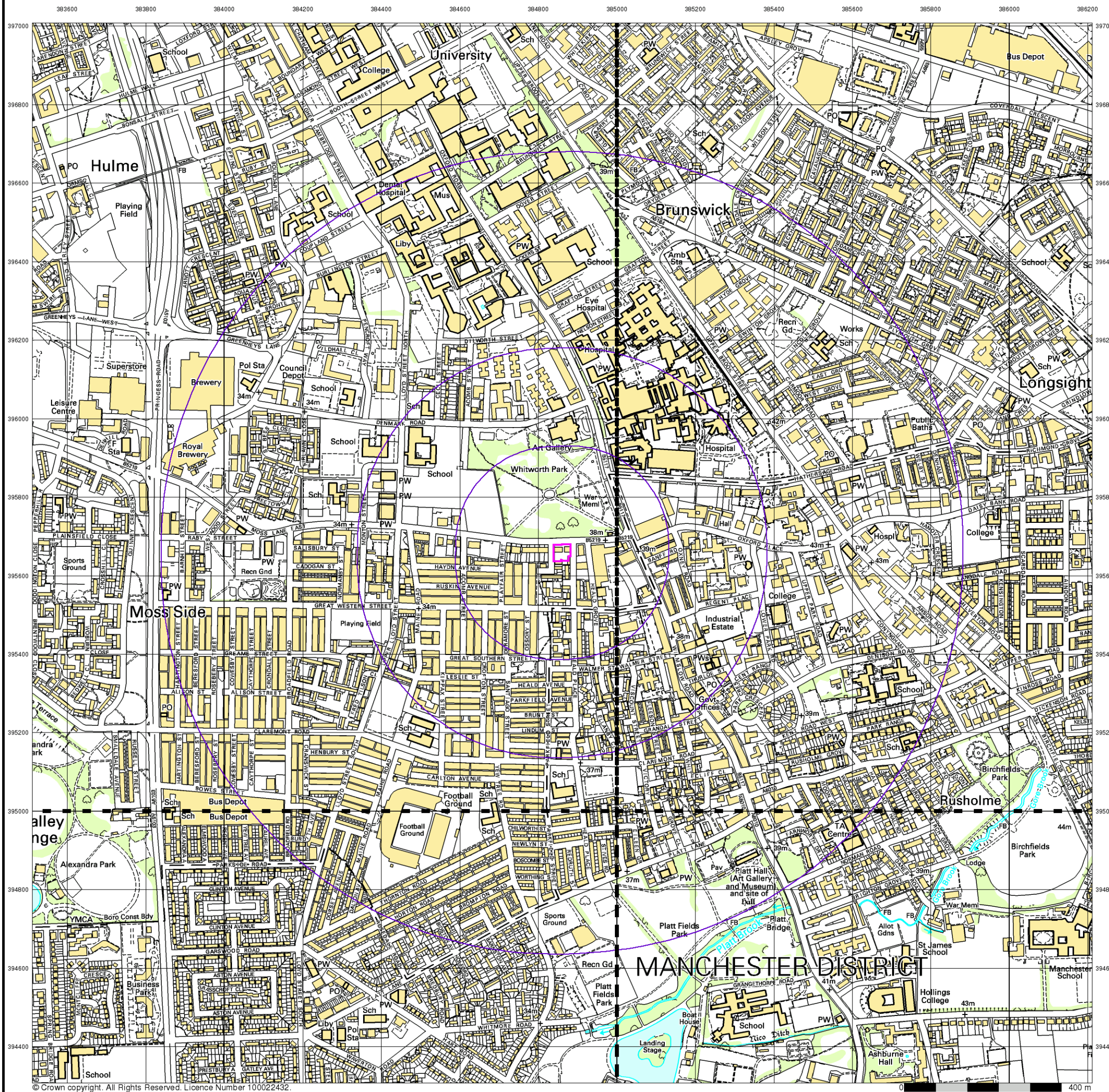
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

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10k Raster Mapping

Published 2006

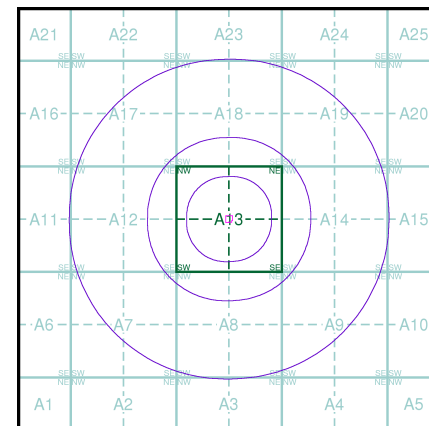
Source map scale - 1:10,000

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

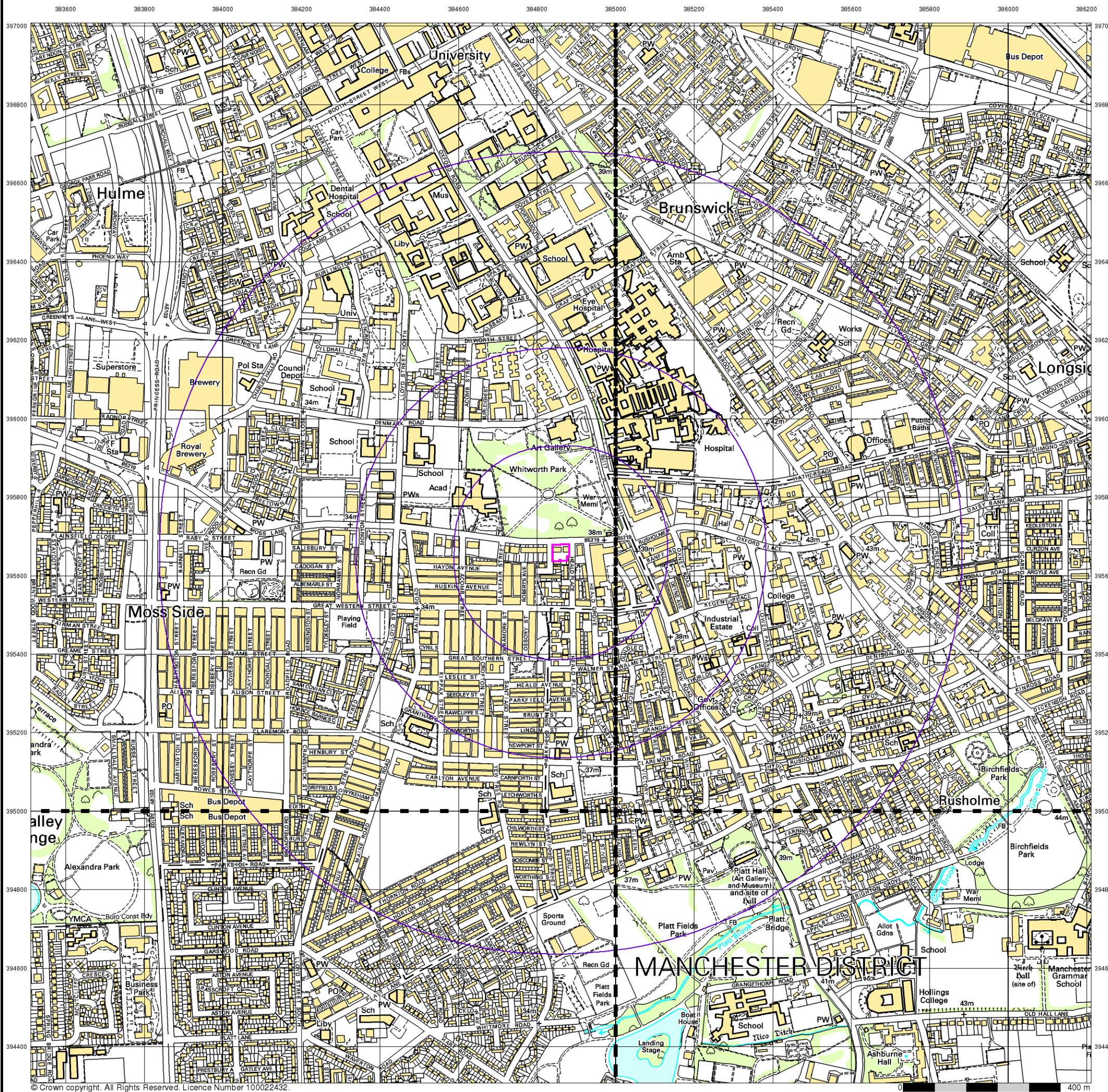
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
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VectorMap Local

Published 2021

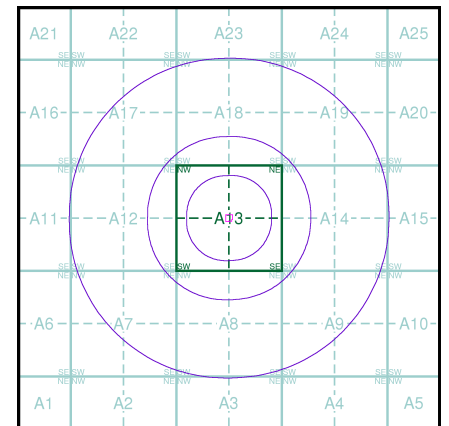
Source map scale - 1:10,000

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	SJ89NE
2021	2021
Variable	Variable
SJ89SW	SJ89SE
2021	2021
Variable	Variable

Historical Map - Slice A



Order Details

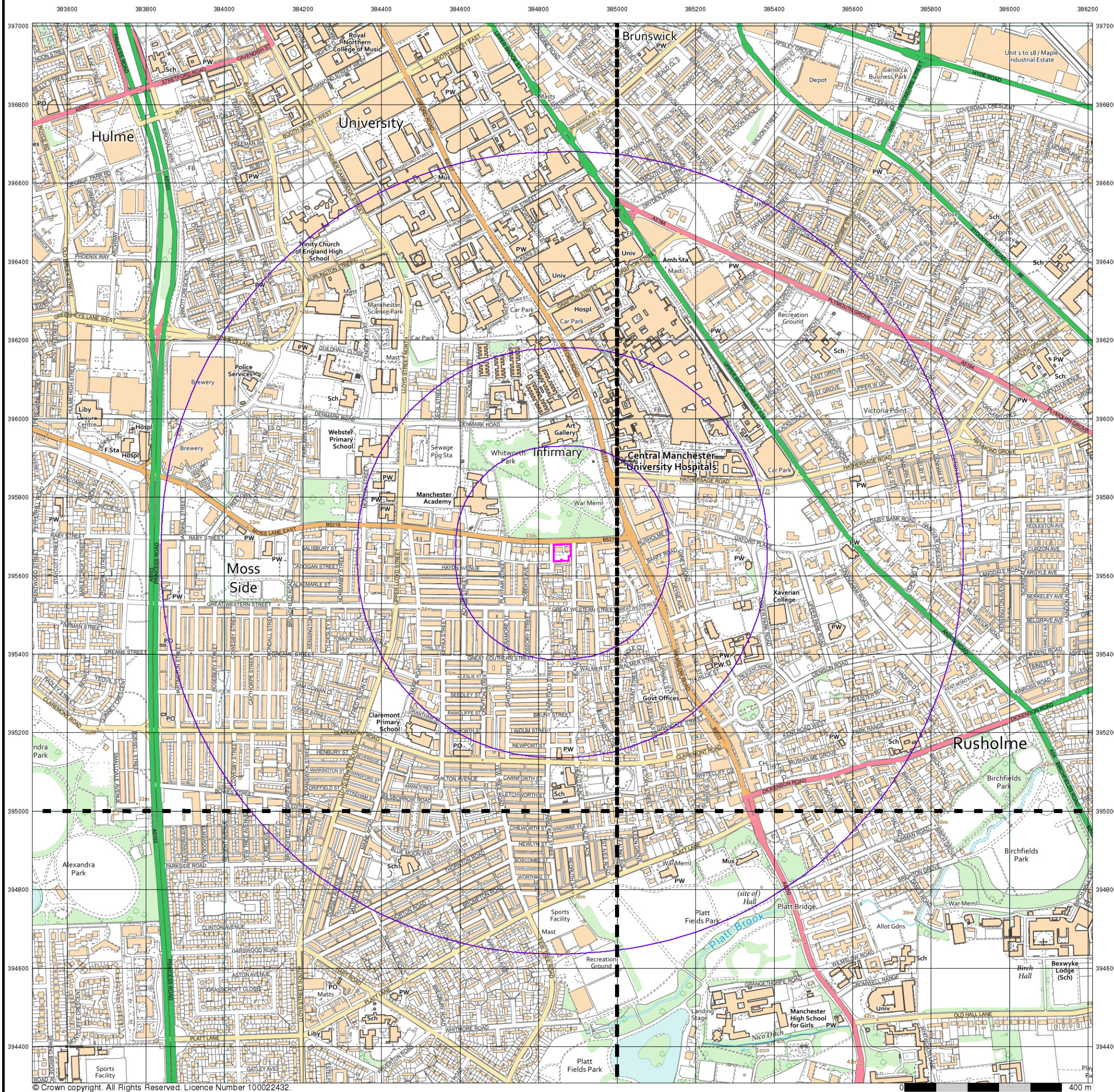
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

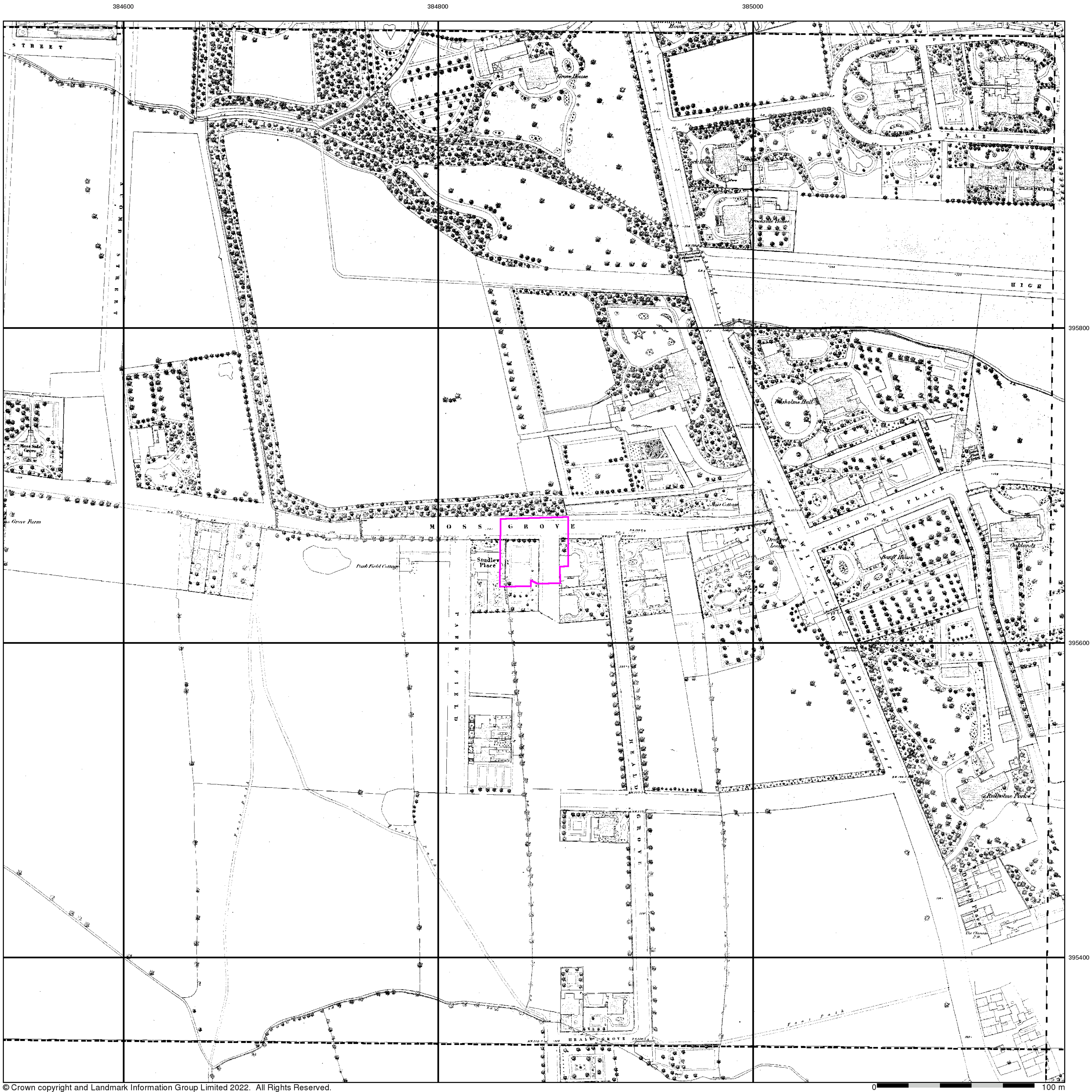
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Lancashire And Furness

Published 1850 - 1851

Source map scale - 1:1,056

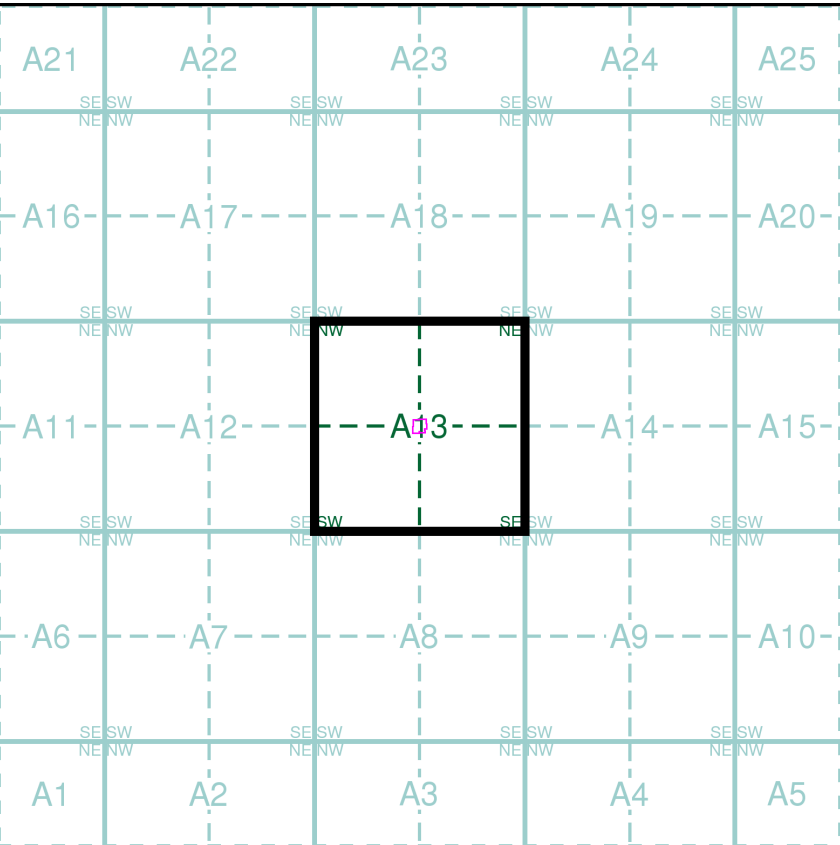
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the 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_044	000_00_045
1851	1851
1:1,056	1:1,056
000_00_046	000_00_047
1850	1850
1:1,056	1:1,056
000_00_048	000_00_049
1850	1850
1:1,056	1:1,056

Historical Town Plan - Segment A13



Order Details

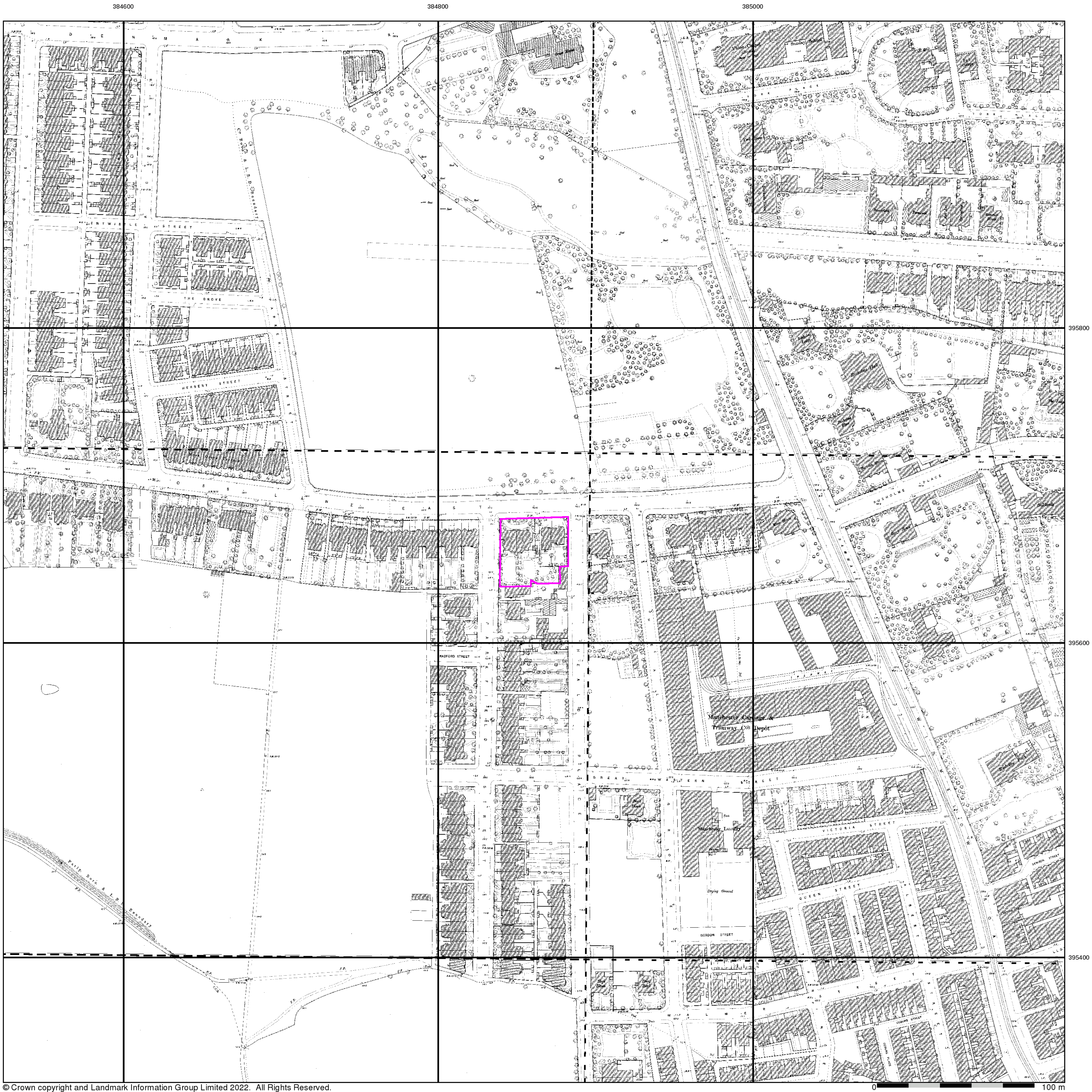
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 0

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Lancashire And Furness

Published 1891

Source map scale - 1:500

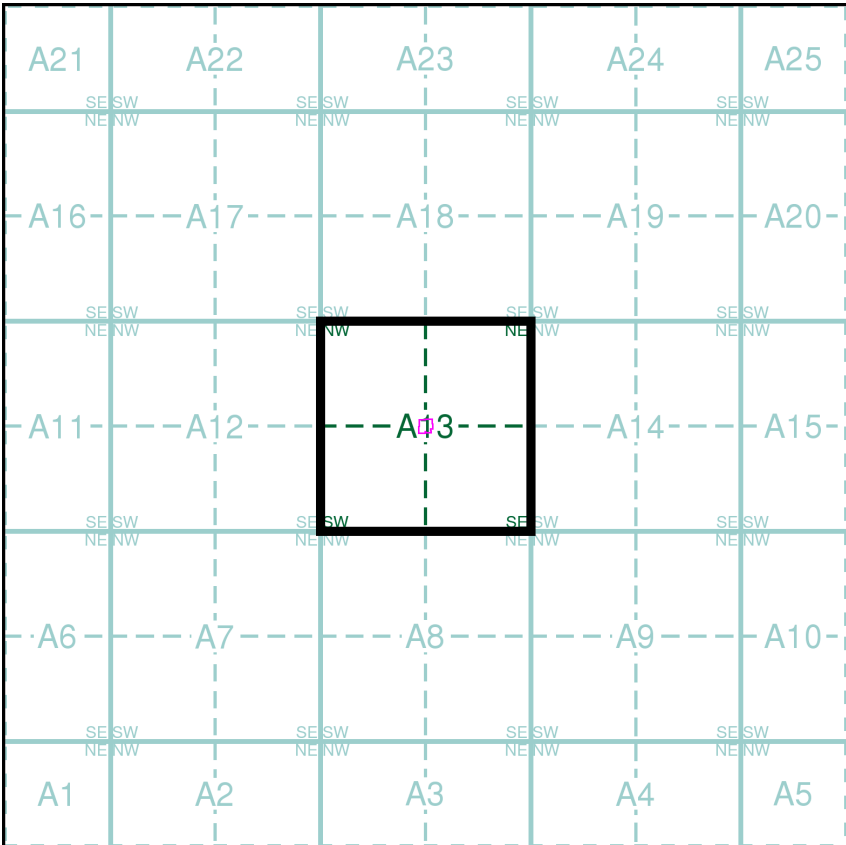
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped 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)

104_15_011	104_15_012
1891	1891
1:500	1:500
104_15_016	104_15_017
1891	1891
1:500	1:500
104_15_021	104_15_022
1891	1891
1:500	1:500

Historical Town Plan - Segment A13



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 0

Site Details

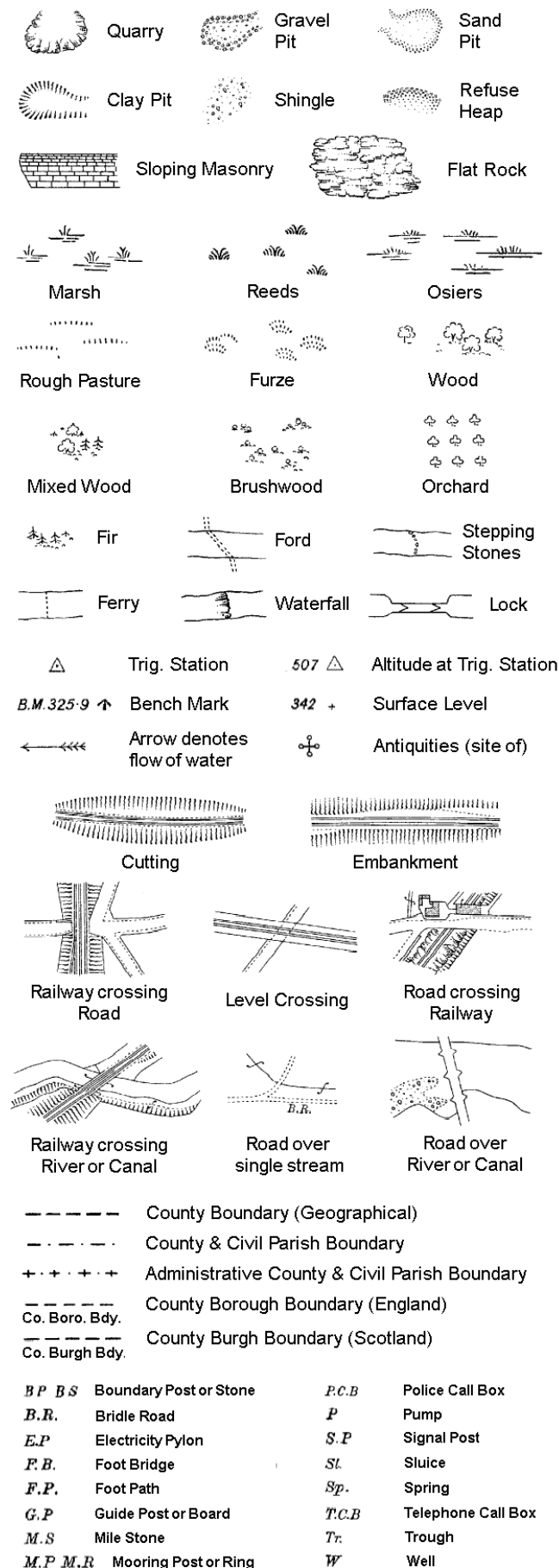
470, Moss Lane East, Manchester, M14 4PJ



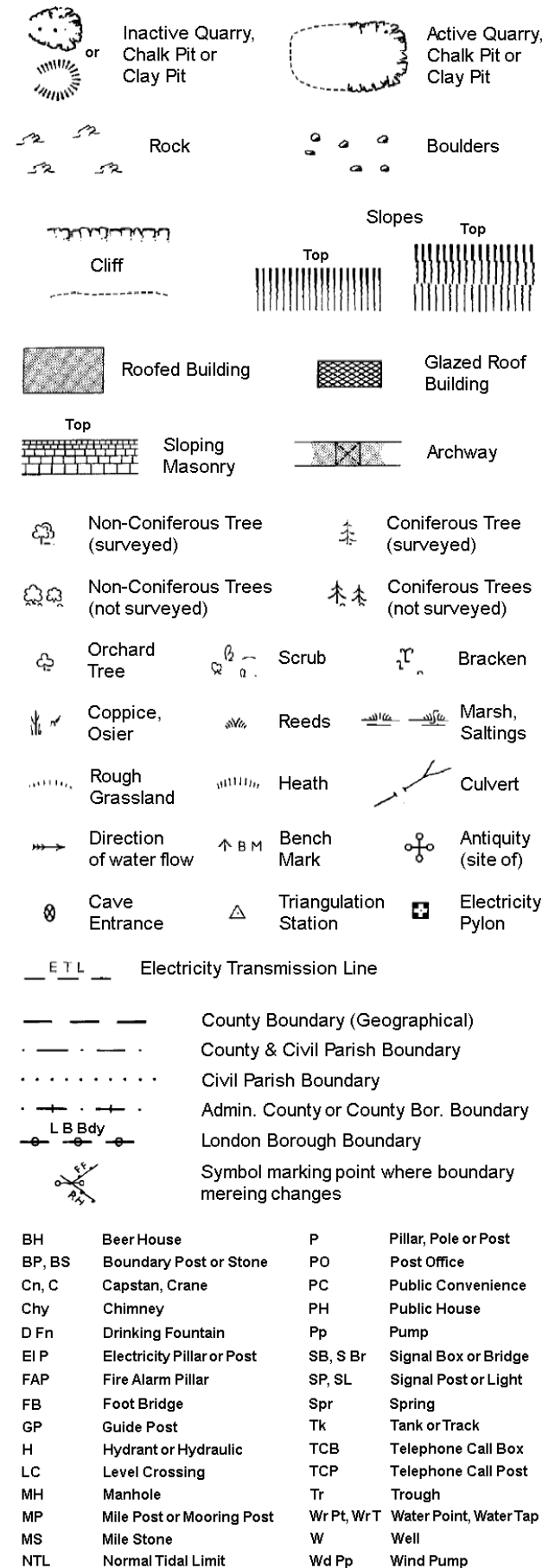
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

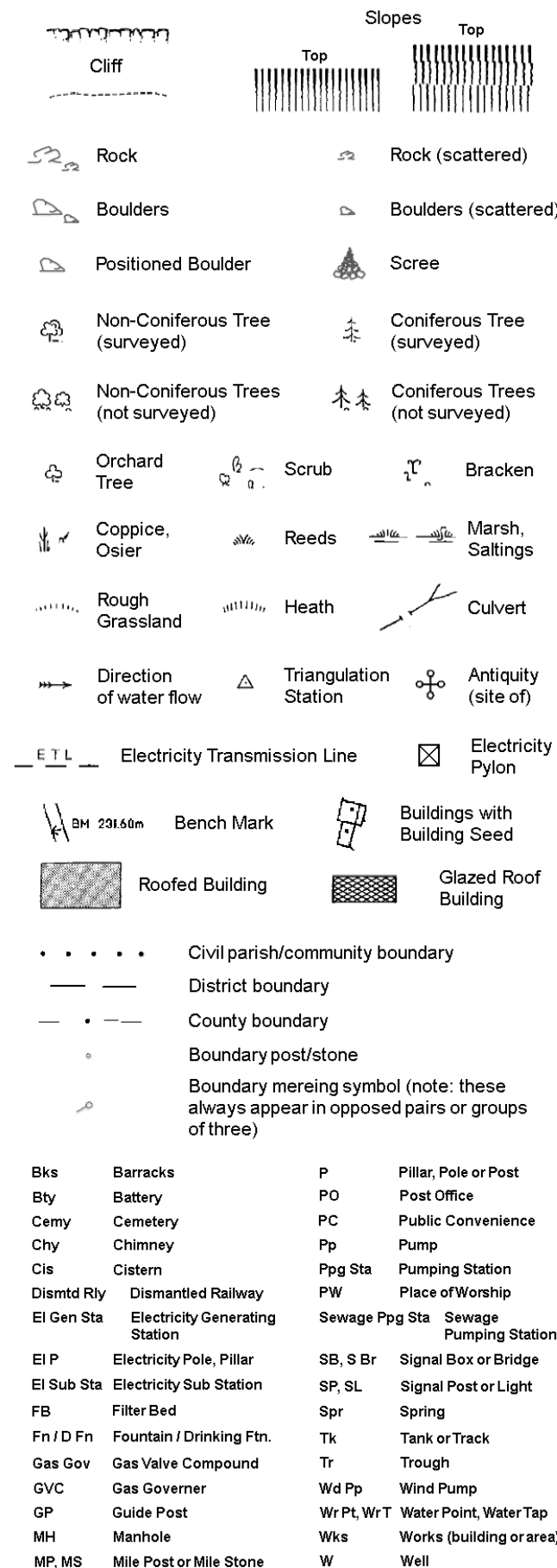
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



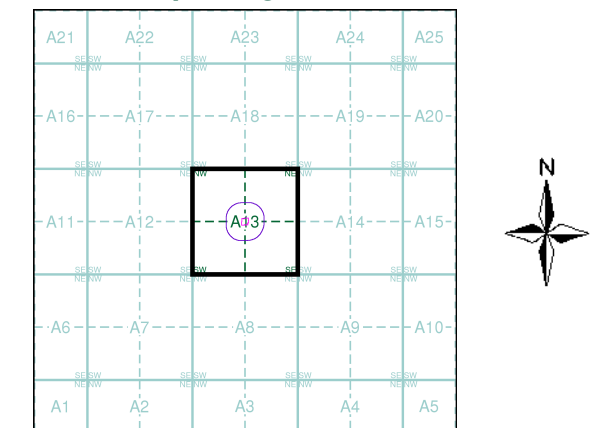
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1908	3
Lancashire And Furness	1:2,500	1933	4
Ordnance Survey Plan	1:1,250	1950 - 1951	5
Ordnance Survey Plan	1:2,500	1951 - 1952	6
Ordnance Survey Plan	1:1,250	1951 - 1970	7
Ordnance Survey Plan	1:2,500	1955	8
Additional SIMs	1:1,250	1961 - 1986	9
Additional SIMs	1:1,250	1979 - 1991	10
Additional SIMs	1:1,250	1980 - 1988	11
Ordnance Survey Plan	1:1,250	1982 - 1983	12
Additional SIMs	1:1,250	1983	13
Large-Scale National Grid Data	1:1,250	1992	14
Large-Scale National Grid Data	1:1,250	1993 - 1994	15
Historical Aerial Photography	1:2,500	2000	16

Historical Map - Segment A13



Order Details

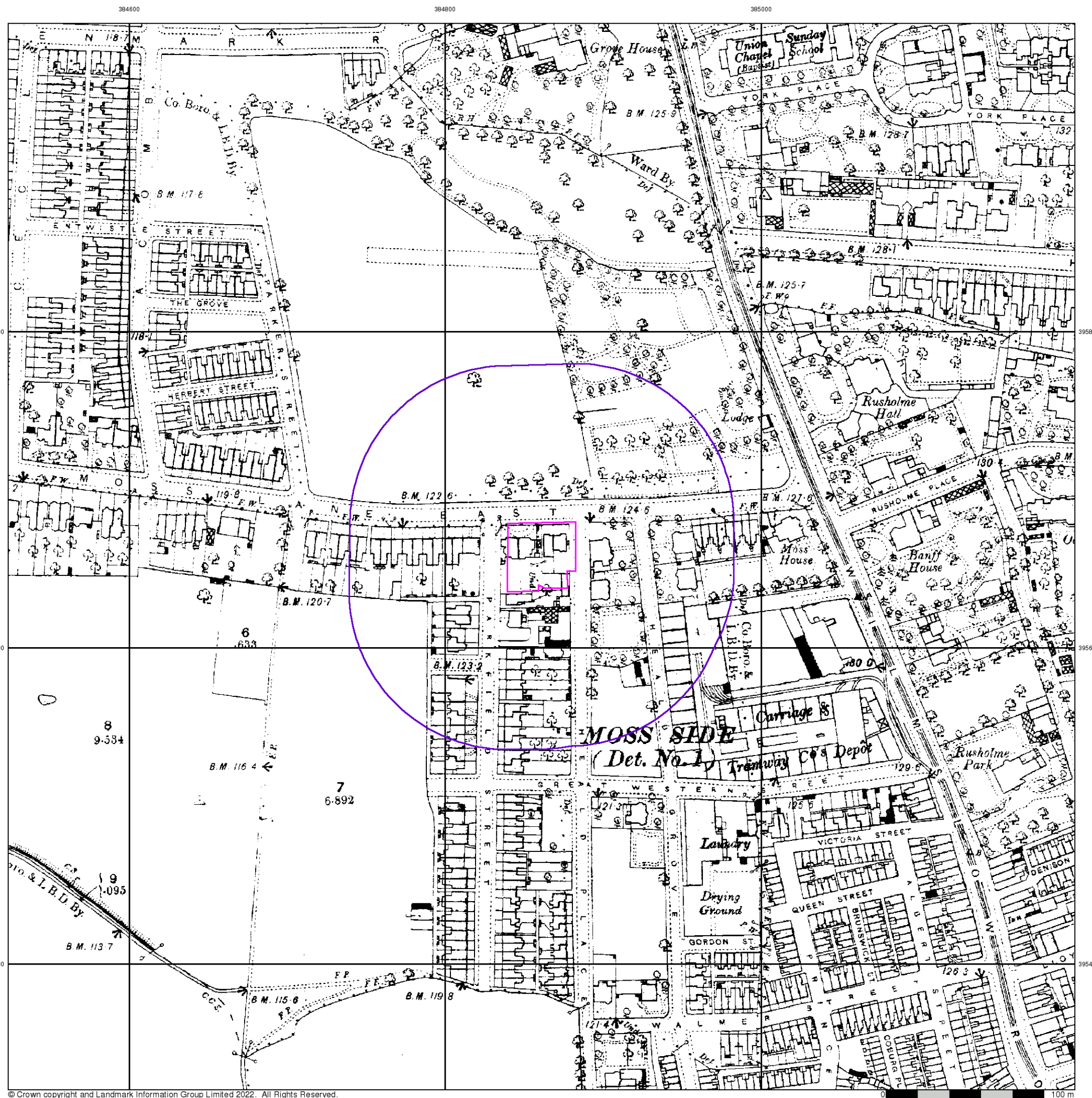
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

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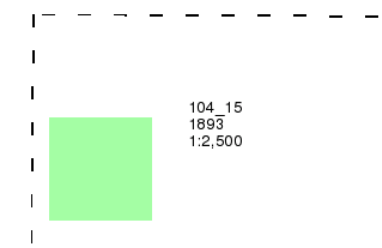
Lancashire And Furness

Published 1893

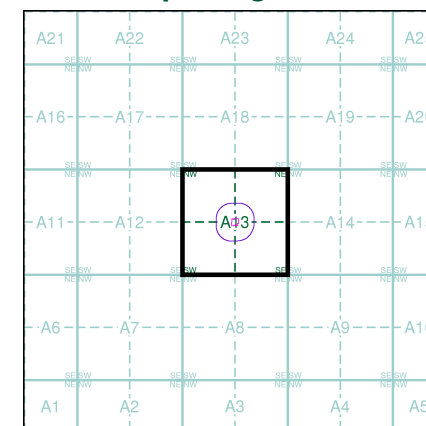
Source map scale - 1:2,500

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: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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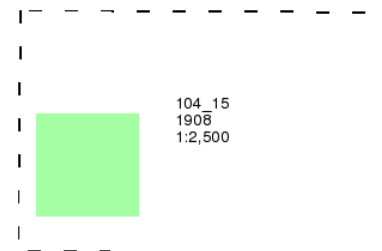
Lancashire And Furness

Published 1908

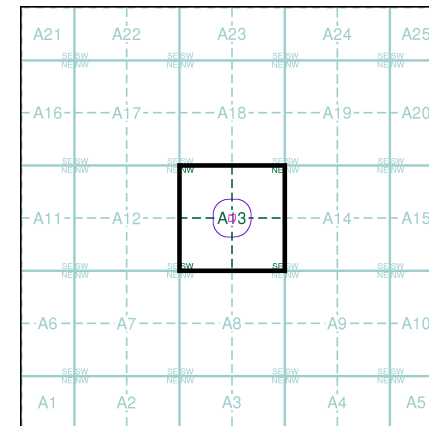
Source map scale - 1:2,500

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

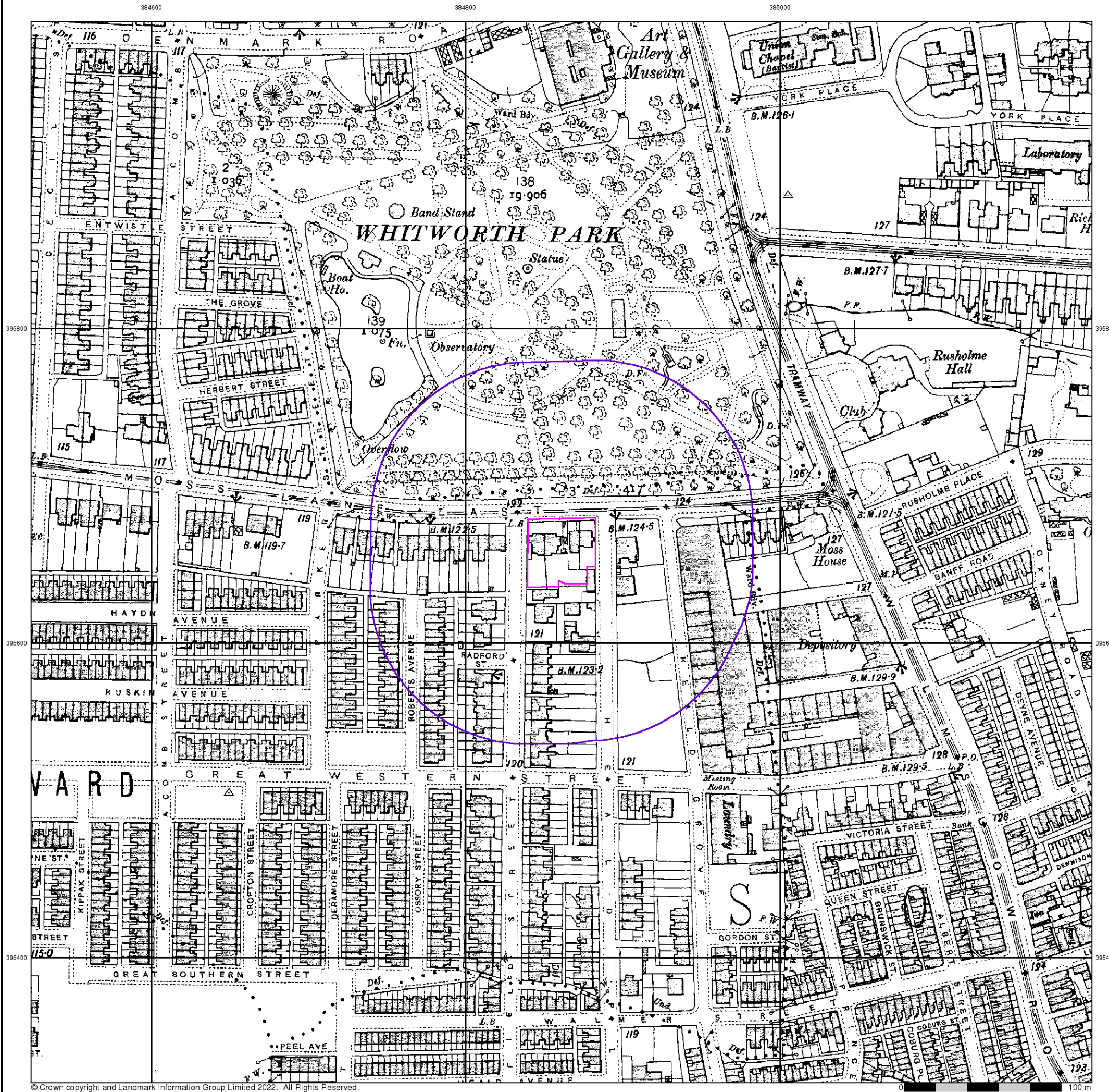
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
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Site Details

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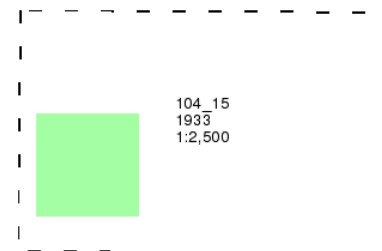
Lancashire And Furness

Published 1933

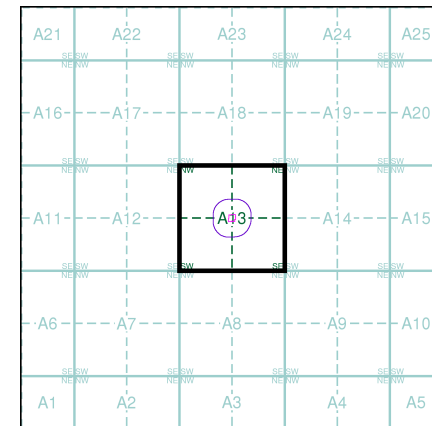
Source map scale - 1:2,500

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)



Historical Map - Segment A13



Order Details

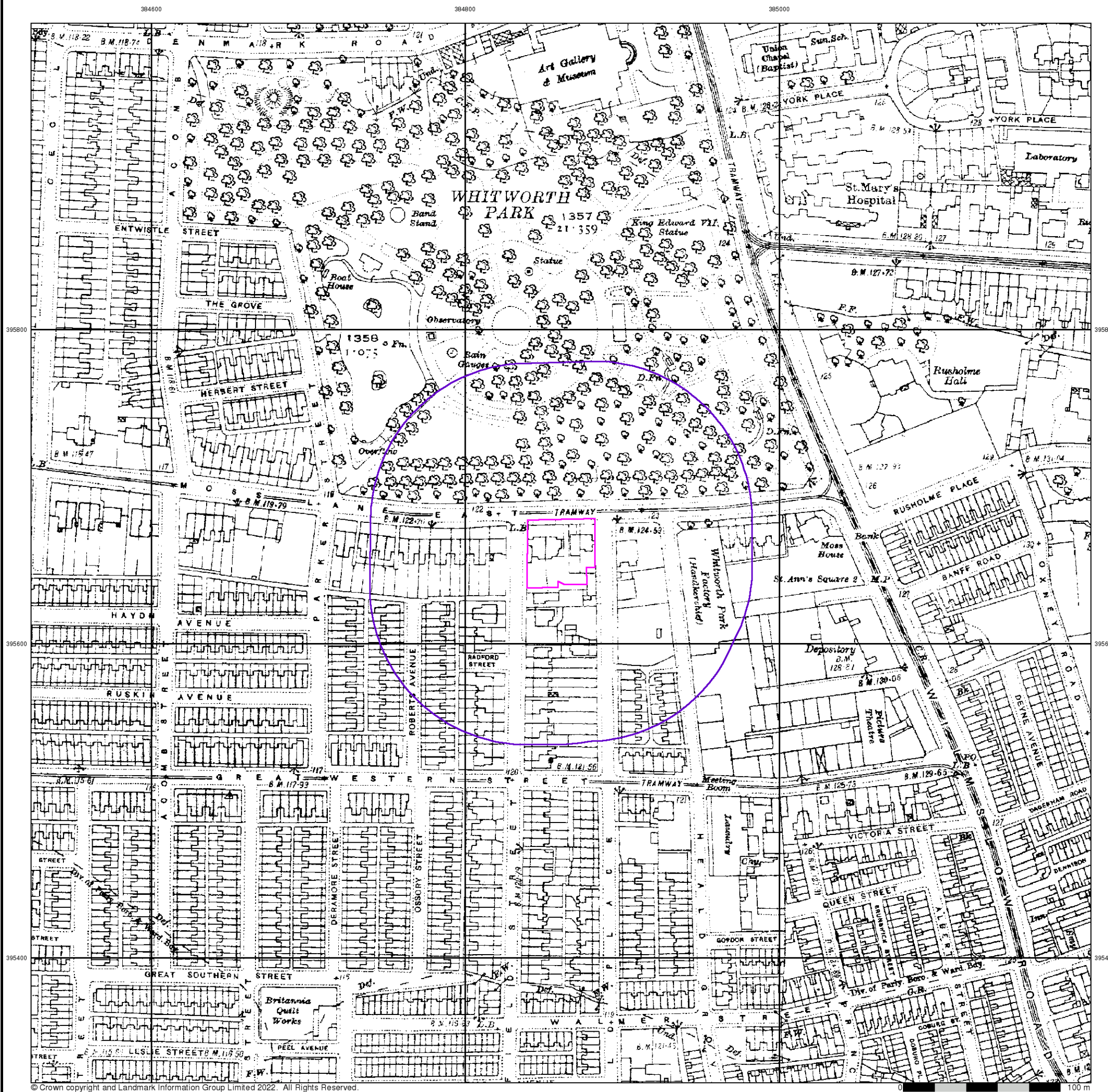
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1950 - 1951

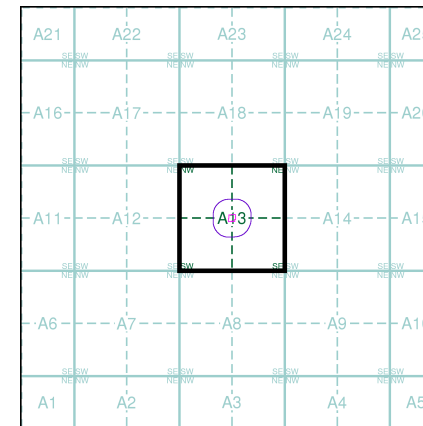
Source map scale - 1:1,250

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)

SJ8495NE	SJ8595NW
1950	1951
1:1,250	1:1,250
---	---
SJ8495SE	SJ8595SW
1950	1951
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

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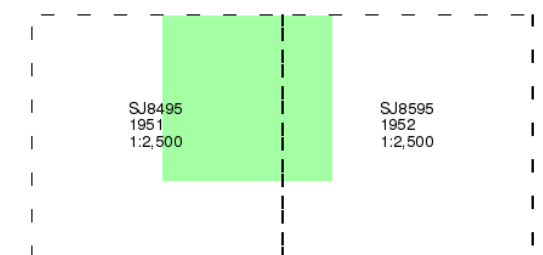
Ordnance Survey Plan

Published 1951 - 1952

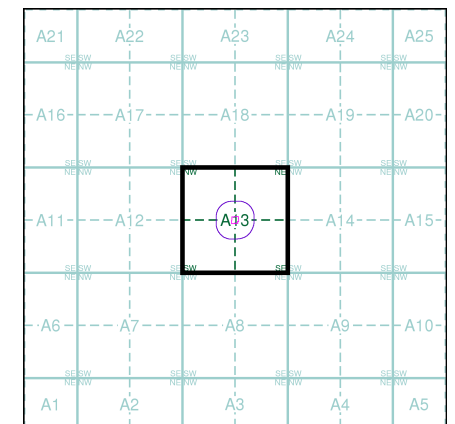
Source map scale - 1:2,500

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

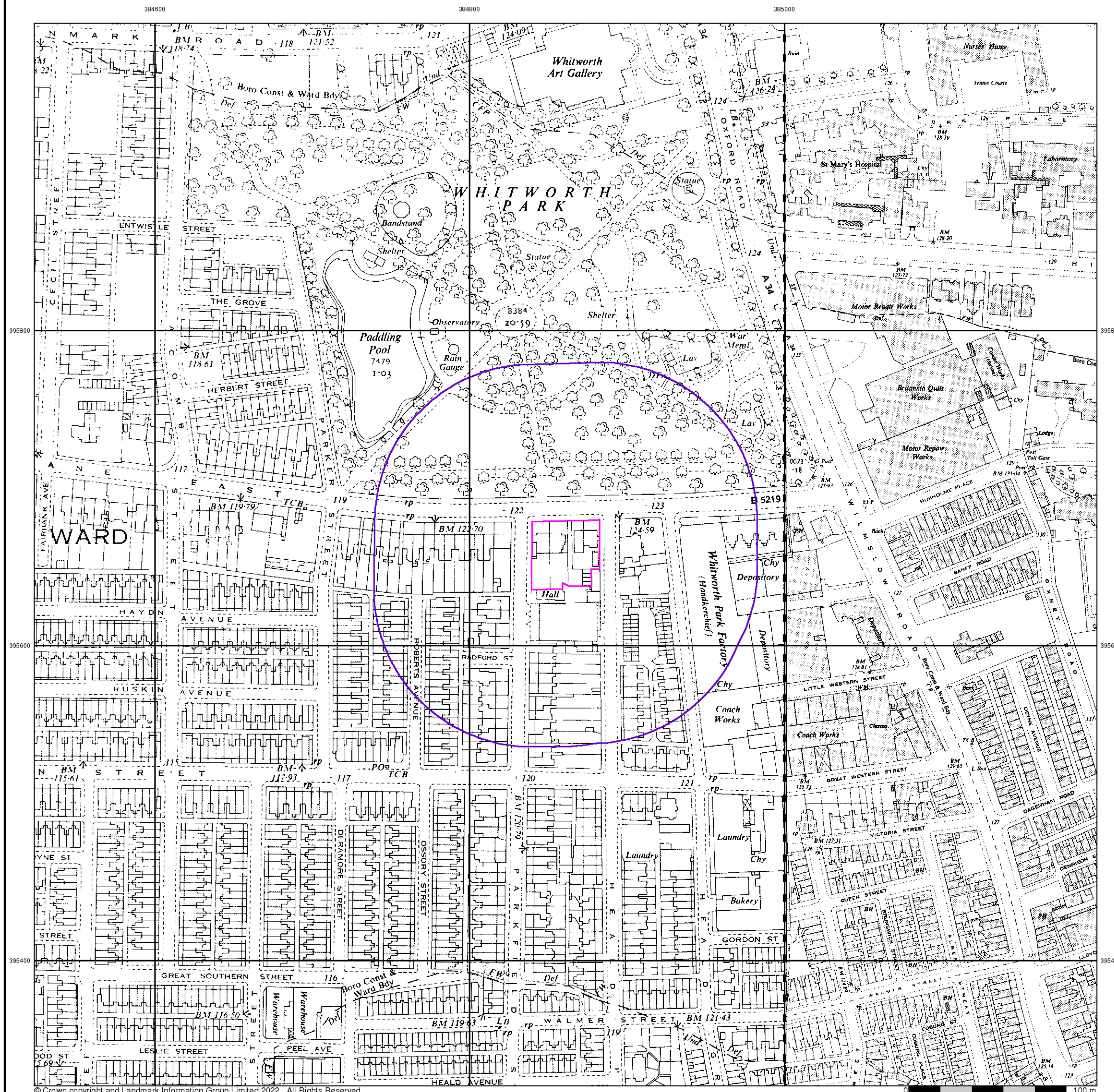
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

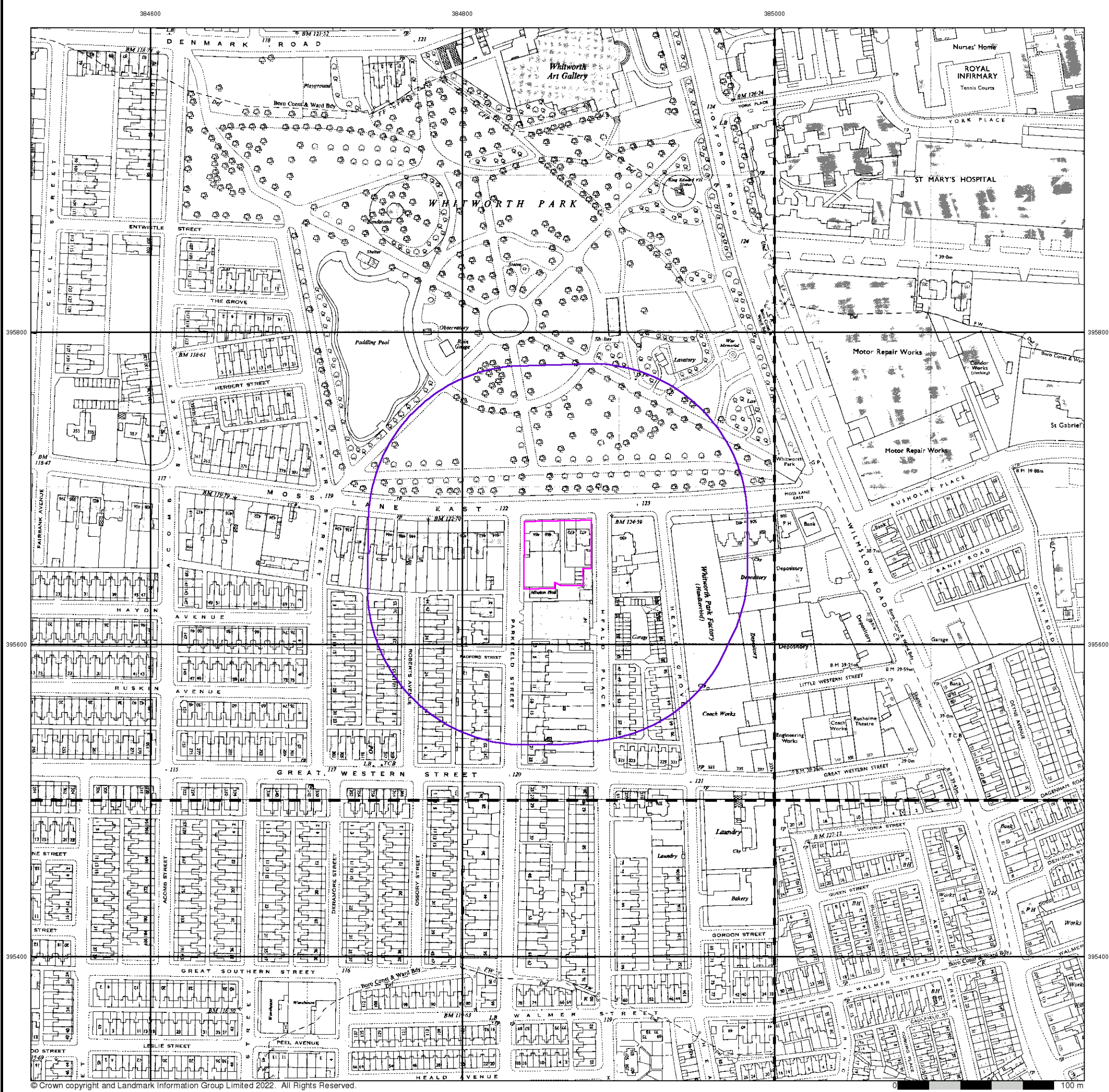
Site Details

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Ordnance Survey Plan

Published 1951 - 1970

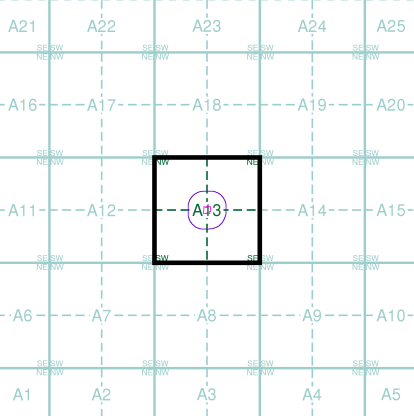
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8495NE	SJ8595NW
1951	1970
1:1,250	1:1,250
SJ8495SE	SJ8595SW
1951	1961
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

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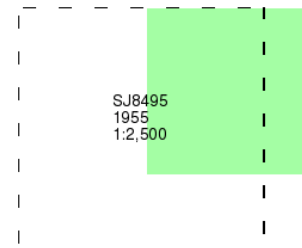
Ordnance Survey Plan

Published 1955

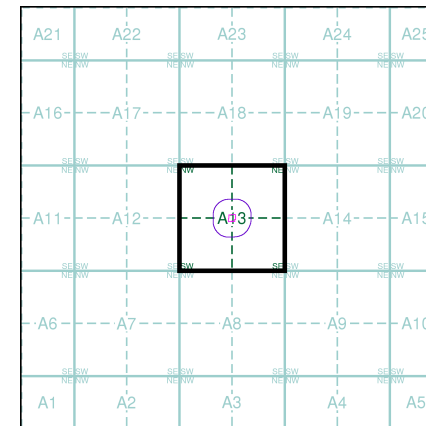
Source map scale - 1:2,500

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

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National Grid Reference: 384860, 395660
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Site Area (Ha): 0.18
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Additional SIMs

Published 1979 - 1991

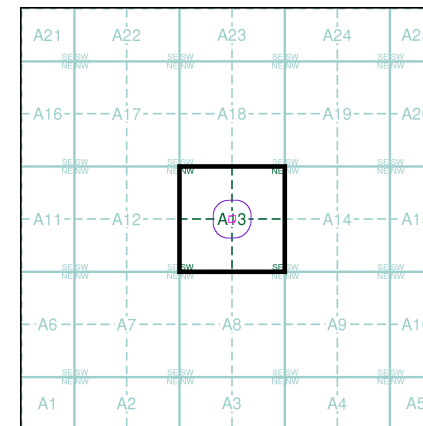
Source map scale - 1:1,250

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)

SJ8495NE	SJ8595NW
1989	1991
1:1,250	1:1,250
SJ8495SE	SJ8595SW
1987	1979
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

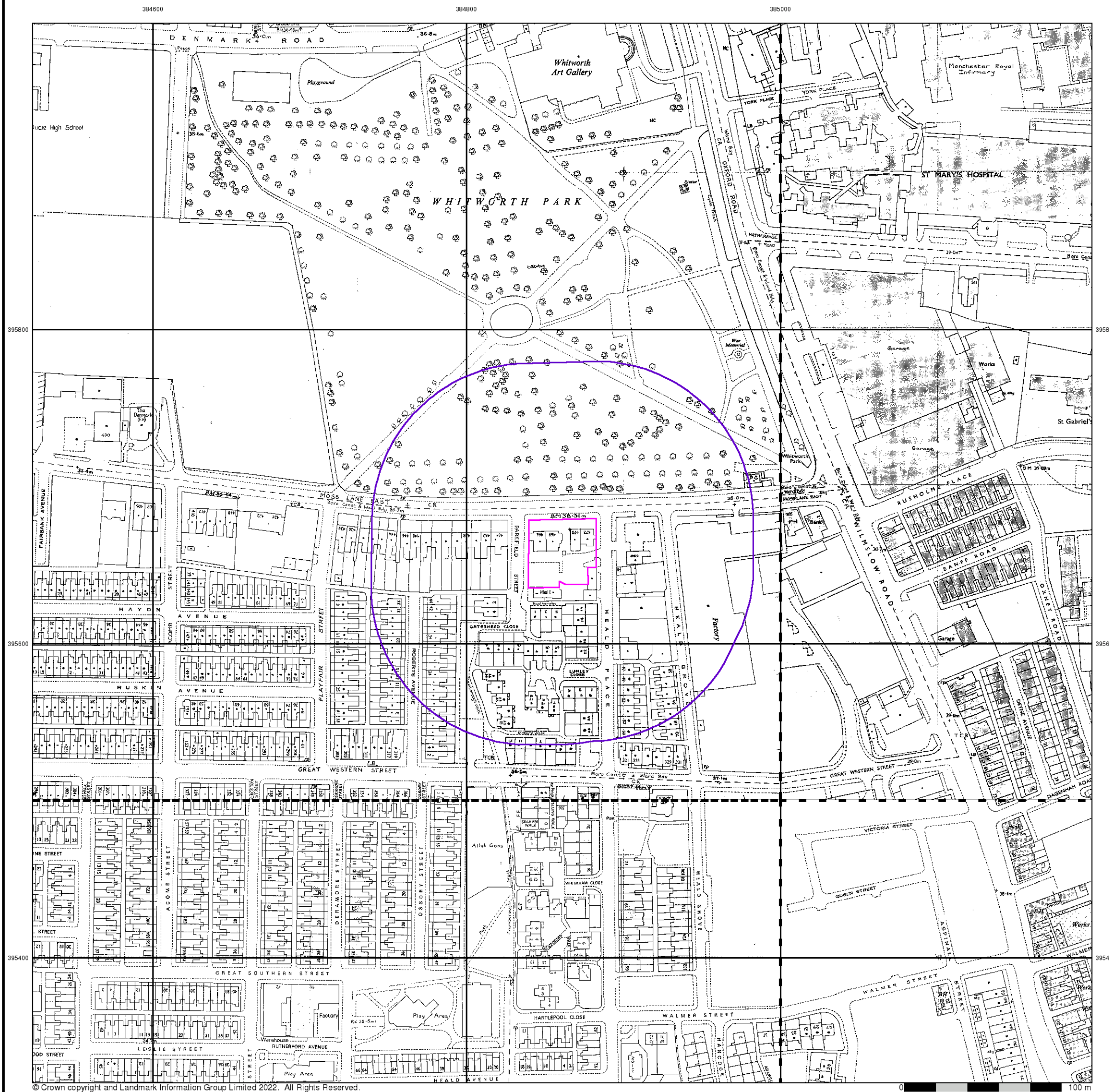
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Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

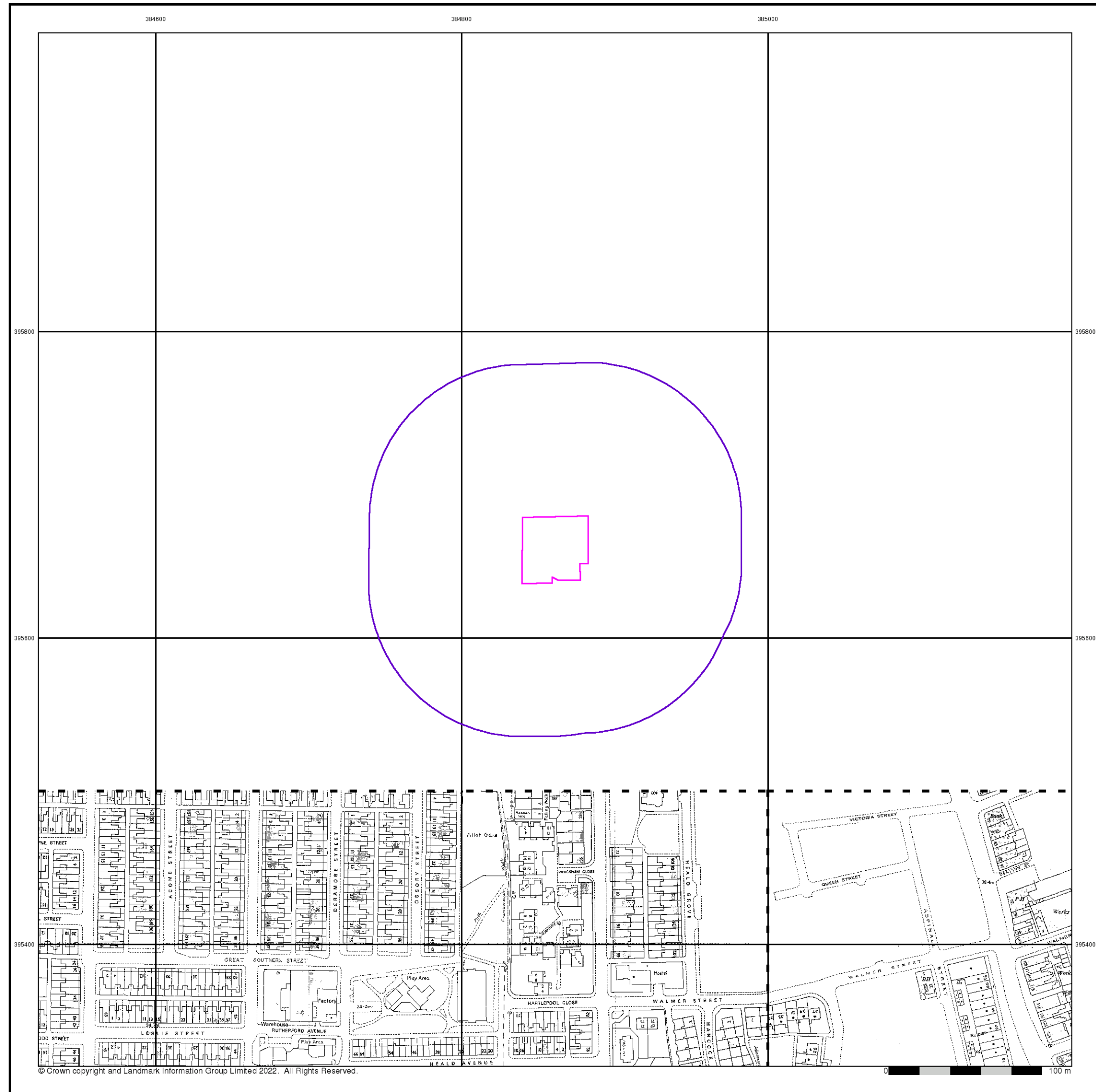
Site Details

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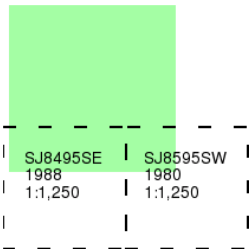
Additional SIMs

Published 1980 - 1988

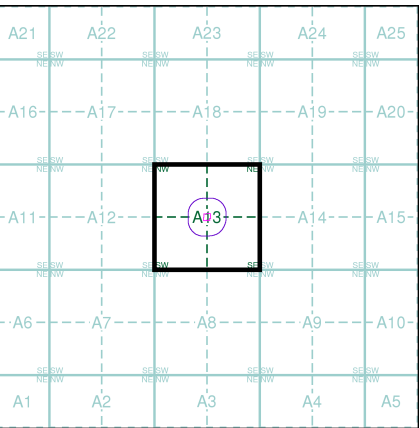
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
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Site Details

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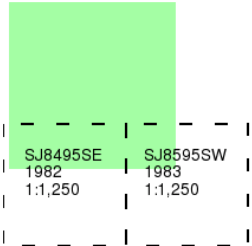
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



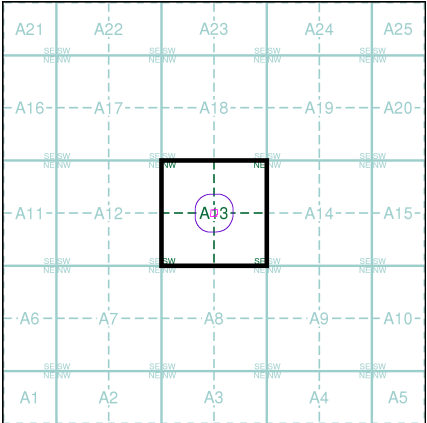
Ordnance Survey Plan
Published 1982 - 1983
Source map scale - 1:1,250

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)

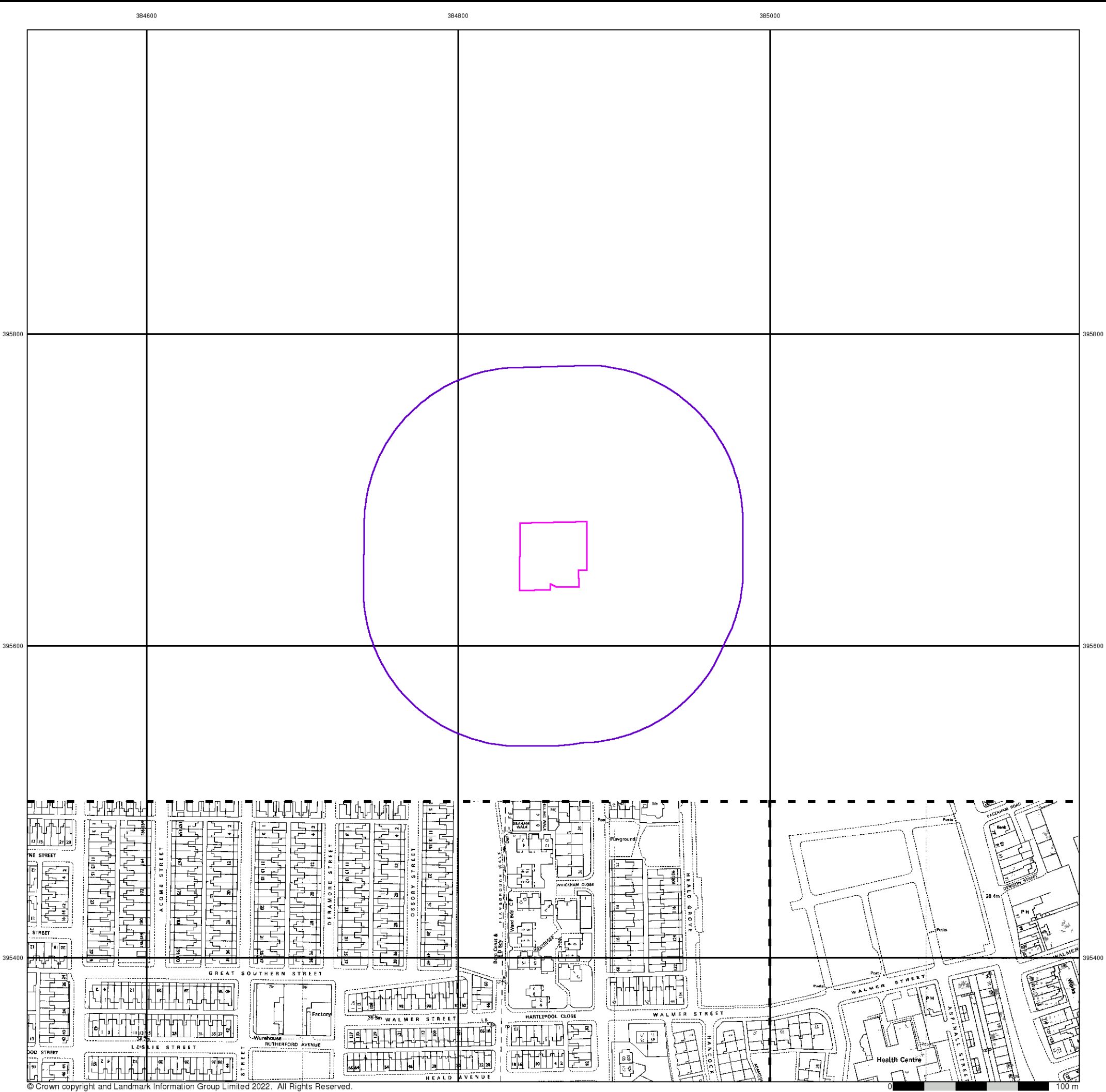


Historical Map - Segment A13



Order Details
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

Site Details
470, Moss Lane East, Manchester, M14 4PJ





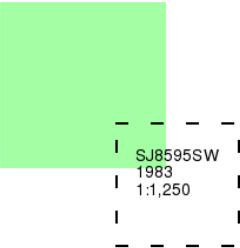
Additional SIMs

Published 1983

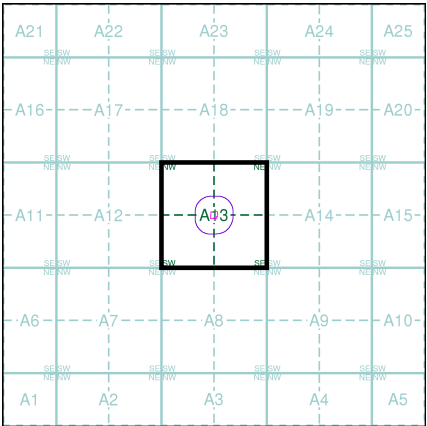
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

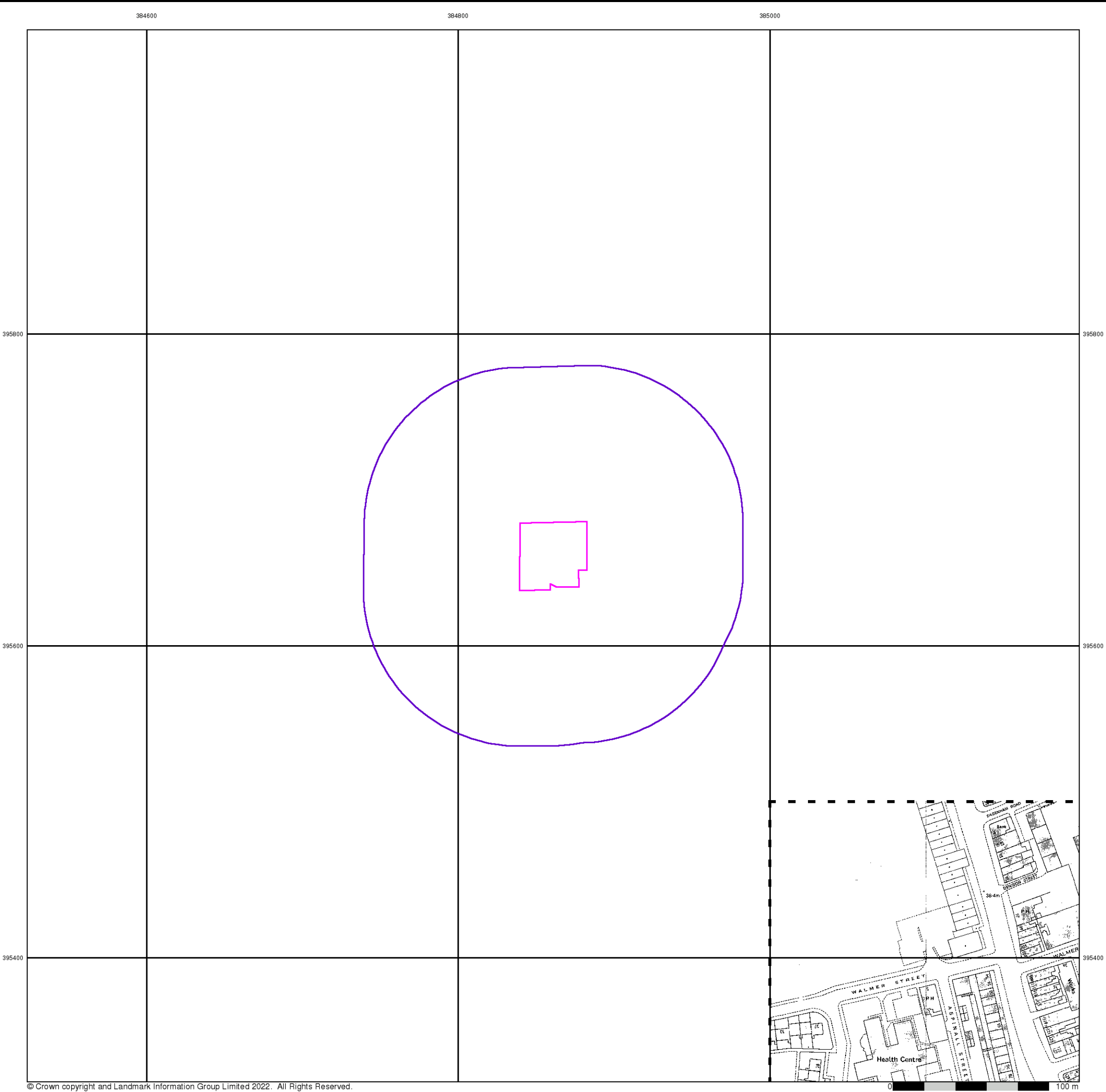
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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Large-Scale National Grid Data

Published 1992

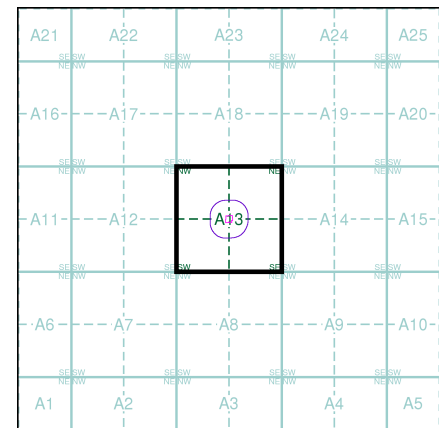
Source map scale - 1:1,250

'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)

SJ8495NE	SJ8595NW
1992	1992
1:1,250	1:1,250
SJ8495SE	SJ8595SW
1992	1992
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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Large-Scale National Grid Data

Published 1993 - 1994

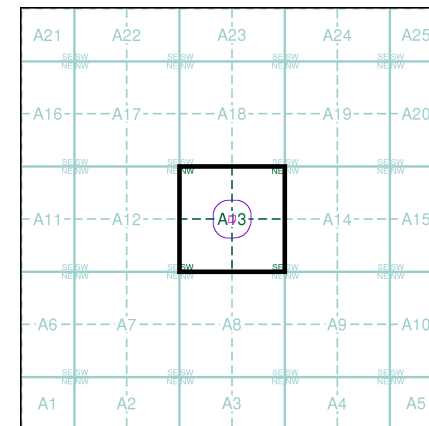
Source map scale - 1:1,250

'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)

SJ8495NE	SJ8595NW
1994	1993
1:1,250	1:1,250
SJ8495SE	SJ8595SW
1993	1994
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

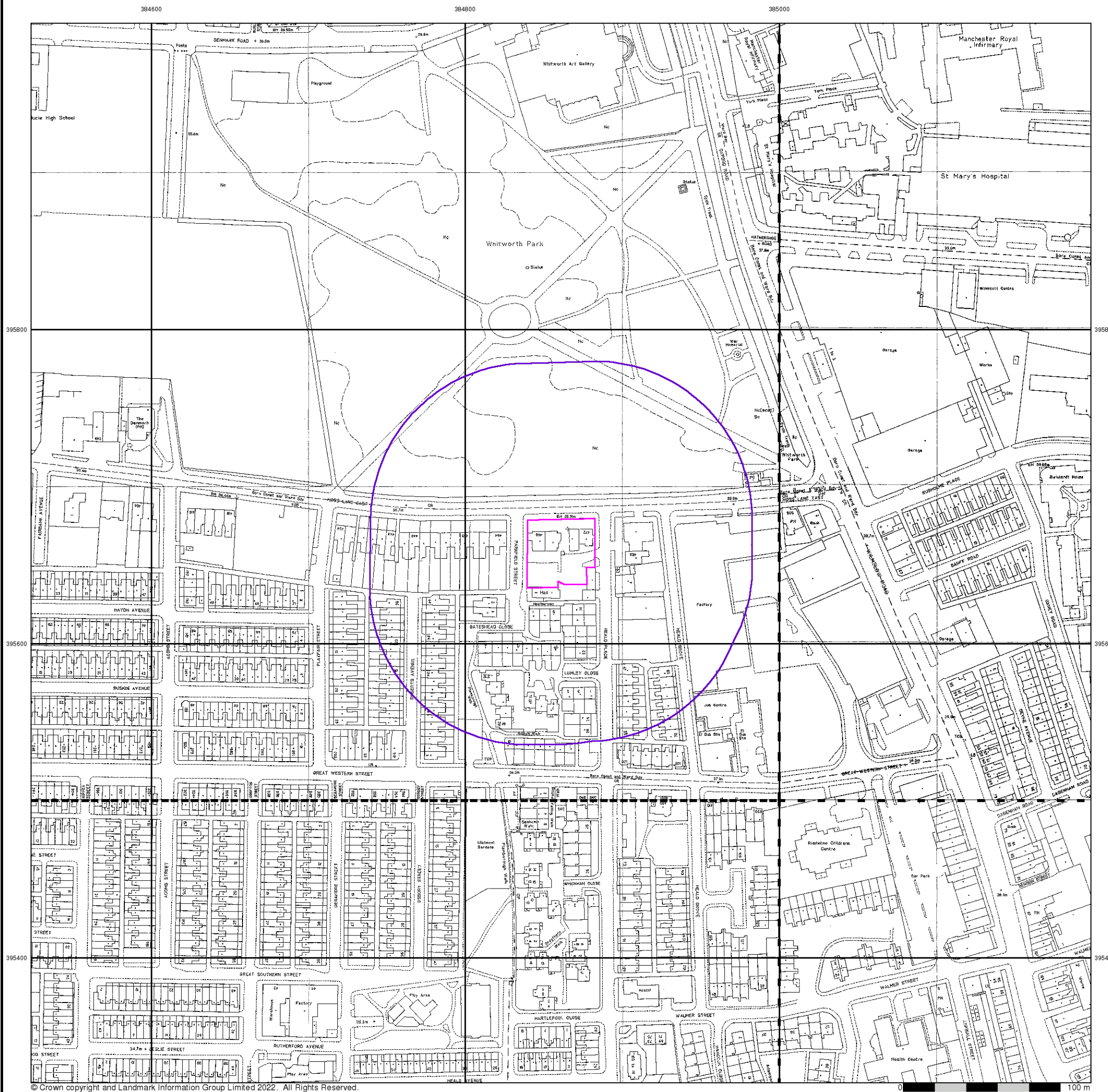
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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



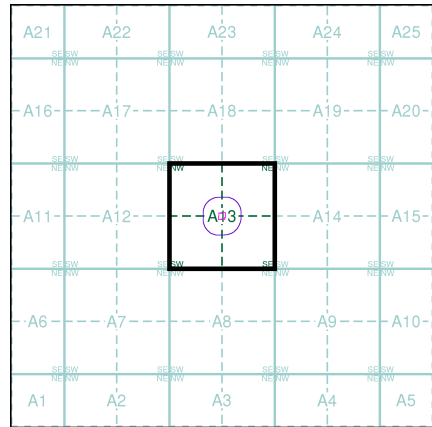


Historical Aerial Photography

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

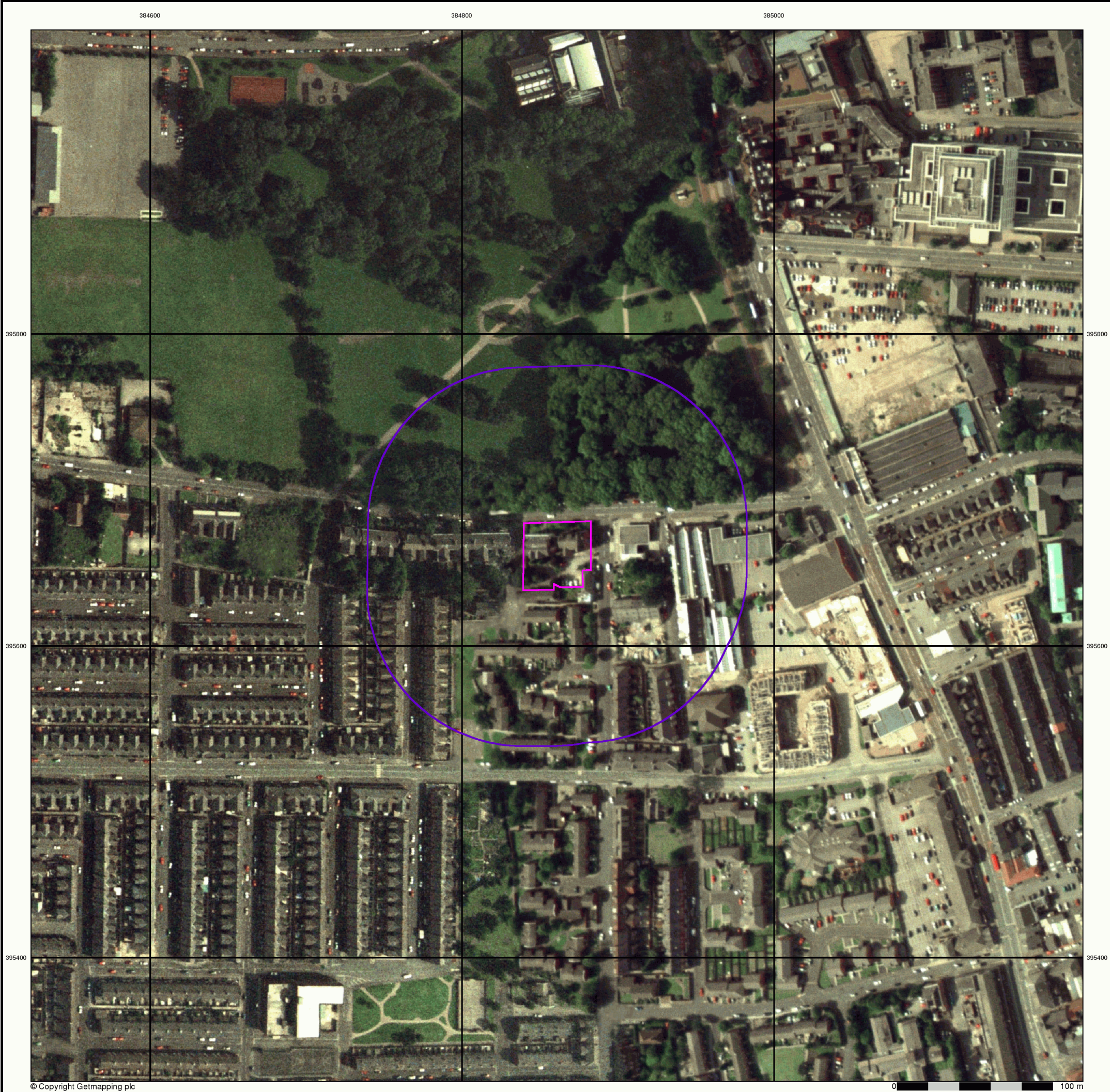
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 100

Site Details

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APPENDIX C - ENVIROCHECK REPORT & DATASHEETS

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

295623794_1_1

Customer Reference:

4453

National Grid Reference:

384860, 395660

Slice:

A

Site Area (Ha):

0.18

Search Buffer (m):

1000

Site Details:

470

Moss Lane East

Manchester

M14 4PJ

Client Details:

Mr R McGuinness

Roc Consulting

Commercial Wharf

6 Commercial Street

Manchester

M15 4PZ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	23
Hazardous Substances	-
Geological	27
Industrial Land Use	32
Sensitive Land Use	-
Data Currency	53
Data Suppliers	59
Useful Contacts	60

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		3	1	2
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 2				20
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7		5	1	5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 9				Yes
Pollution Incidents to Controlled Waters	pg 9				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 9				41
River Quality	pg 16				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 16				6 (*16)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 21	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 21	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 21	Yes	n/a	n/a	n/a
Source Protection Zones	pg 22	1			2
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 22				1

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 23				1
Local Authority Landfill Coverage	pg 23	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 23				1
Potentially Infilled Land (Water)	pg 23		4	11	44
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 26				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 27	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 27	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 27				1
BGS Urban Soil Chemistry	pg 28		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 30	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			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 30	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 31	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 31	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 31	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 32		11	26	85
Fuel Station Entries	pg 42		4		4
Points of Interest - Commercial Services	pg 43		2	4	14
Points of Interest - Education and Health	pg 45			3	17
Points of Interest - Manufacturing and Production	pg 47		2	9	18
Points of Interest - Public Infrastructure	pg 49		4	1	10
Points of Interest - Recreational and Environmental	pg 51		1	3	12
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	A13NW (NE)	0	1	384860 395659
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	118	1	385000 395659
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	294	1	385150 395800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	498	1	385350 395850
1	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: Freshwater Stream/River Environment: Receiving Water: Malkin Brook Trib Corn Bk Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13NW (N)	131	2	384850 395810
1	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	A13NW (N)	131	2	384850 395810
1	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	A13NW (N)	131	2	384850 395810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	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: Unknown Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	362	2	385150 395400
3	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	A14NE (E)	701	2	385580 395740
3	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	A14NE (E)	701	2	385580 395740
4	Integrated Pollution Prevention And Control Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: HP3836KU Original Permit Ref: Cp3531gm Effective Date: 15th March 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Manually positioned to the address or location Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	952	2	383920 395923

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Integrated Pollution Prevention And Control Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: CP3531GM Original Permit Ref: Cp3531gm Effective Date: 1st April 2009 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole with Fit and Proper Person Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A12NW (W)	952	2	383920 395923
4	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery, Royal Brewery, Denmark Road, Manchester, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: DP3431LK Original Permit Ref: Bv7796iw Effective Date: 27th November 2006 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Manually positioned to the address or location Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	952	2	383920 395922
4	Integrated Pollution Prevention And Control Name: Heineken Uk Limited Location: Royal Brewery, Manchester - Epr/Bv7796iw, Royal Brewery, Denmark Road,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: FP3905BE Original Permit Ref: Bv7796iw Effective Date: 21st August 2020 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Suez Industrial Water Ltd Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: FP3105BQ Original Permit Ref: Cp3531gm Effective Date: 21st August 2020 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 5.4 A(1) a) (I) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A12NW (W)	966	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Integrated Pollution Prevention And Control Name: Heineken Uk Limited Location: Royal Brewery, Manchester - Epr/Bv7796iw, Royal Brewery, Denmark Road,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: QP3104PJ Original Permit Ref: Bv7796iw Effective Date: 29th October 2019 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Heineken Uk Limited Location: Royal Brewery, Manchester - Epr/Bv7796iw/V010, Royal Brewery, Denmark Road,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: HP3330JX Original Permit Ref: Bv7796iw Effective Date: 26th February 2018 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Suez Industrial Water Ltd Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: UP3232YC Original Permit Ref: Cp3531gm Effective Date: 8th May 2017 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: DP3530YY Original Permit Ref: Bv7796iw Effective Date: 18th April 2017 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Integrated Pollution Prevention And Control Name: Suez Industrial Water Ltd Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: RP3335DD Original Permit Ref: Cp3531gm Effective Date: 30th June 2016 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: KP3630WM Original Permit Ref: Cp3531gm Effective Date: 5th December 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: KP3830WK Original Permit Ref: Bv7796iw Effective Date: 5th December 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: LP3732VH Original Permit Ref: Bv7796iw Effective Date: 28th August 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Integrated Pollution Prevention And Control Name: Ondeo Industrial Solutions Limited Location: Royal Brewery Epr/Cp3531gm, Denmark Road, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: ZP3037VD Original Permit Ref: Cp3531gm Effective Date: 23rd June 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) a) (I) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery Manchester, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: QP3438EM Original Permit Ref: Bv7796iw Effective Date: 26th March 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900
4	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery, Royal Brewery, Denmark Road,,, MANCHESTER, Greater Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: JP3631CT Original Permit Ref: Bv7796iw Effective Date: 6th November 2012 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NW (W)	966	2	383900 395900
5	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery, ROYAL BREWERY,DENMARK ROAD, ,, MANCHESTER, GREATER MANCHESTER, M15 6LD Authority: Environment Agency, North West Region Permit Reference: SP3736UP Original Permit Ref: Bv7796iw Effective Date: 1st August 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A17SW (NW)	980	2	383946 396080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery, ROYAL BREWERY, DENMARK ROAD, ,, MANCHESTER, GREATER MANCHESTER, M15 6LD Authority: Environment Agency, North West Region Permit Reference: UP3131UM Original Permit Ref: Bv7796iw Effective Date: 22nd February 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A17SW (NW)	980	2	383946 396080
5	Integrated Pollution Prevention And Control Name: Vws (Uk) Ltd Location: Royal Brewery Effluent Treatment Plant, Denmark Road,, Moss Side,, Manchester, M15 6LD Authority: Environment Agency, North West Region Permit Reference: Ep3637pu Original Permit Ref: Ep3637pu Effective Date: 13th January 2006 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A17SW (NW)	980	2	383946 396080
5	Integrated Pollution Prevention And Control Name: Heineken Uk Ltd Location: Royal Brewery, ROYAL BREWERY, DENMARK ROAD, ,, MANCHESTER, GREATER MANCHESTER, M15 6LD Authority: Environment Agency, North West Region Permit Reference: Bv7796iw Original Permit Ref: Bv7796iw Effective Date: 22nd December 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A17SW (NW)	980	2	383946 396080
6	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	A13SE (E)	27	3	384909 395655
7	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	A13NE (NE)	212	3	385069 395780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	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	A13SE (SE)	214	3	385071 395547
9	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	A13SE (E)	232	3	385110 395607
9	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	A13SE (E)	240	3	385118 395606
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	A13NE (NE)	270	3	385131 395784
11	Local Authority Pollution Prevention and Controls Name: Manchester Royal Infirmary Location: Central Services Complex, off Hathersage Road, Rusholme, MANCHESTER, Lancashire, M13 9WL Authority: Manchester City Council, Environmental Health Department Permit Reference: Not Given Dated: 22nd May 1996 Process Type: Local Authority Air Pollution Control Description: PG5/1 Clinical waste incineration processes under 1 tonne an hour Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	513	3	385178 396099
12	Local Authority Pollution Prevention and Controls Name: Tesco Express (Mancunian Service Station) Location: 257 Upper Brook Street, Victoria Park, Rusholme, Manchester, M13 0hl Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/031/06 Dated: 3rd March 2003 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	612	3	385353 396071
12	Local Authority Pollution Prevention and Controls Name: Tesco Express Rusholme Location: 257 Upper Brook Street, Rusholme, MANCHESTER, Lancashire, M13 0HL Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/031/06 Dated: 3rd March 2003 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A19SW (NE)	616	3	385371 396054

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	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	A9SW (SE)	851	3	385391 394960
14	Local Authority Pollution Prevention and Controls Name: Alexandra Service Station Location: 95 Princess Road, Moss Side, MANCHESTER, Lancashire, M14 4TH Authority: Manchester City Council, Environmental Health Department Permit Reference: Pfs/18/98 Dated: 12th March 2001 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A11SE (W)	996	3	383845 395575
	Nearest Surface Water Feature	A7SE (SW)	915	-	384427 394820
15	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Herbicides/Fungicide Note: Malkin Brook Incident Date: 17th July 1992 Incident Reference: 92641296 Catchment Area: Bridgewater Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	629	2	384300 396000
16	Registered Radioactive Substances Name: Central Manchester And Manchester Childrens Nhs Trust Location: Manchester Royal Eye Hospital, Nelson Street, MANCHESTER, Greater Manchester, M13 9WH Authority: Environment Agency, North West Region Permit Reference: AP9353 Dated: 1st April 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A18SE (N)	514	2	384932 396191
17	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Manchester Royal Infirmary, Oxford Road, MANCHESTER, M13 9WL Authority: Environment Agency, North West Region Permit Reference: Bz5027 Dated: 19th September 2005 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18SE (N)	541	2	384979 396212
17	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9wl Authority: Environment Agency, North West Region Permit Reference: CD4508 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A18SE (N)	541	2	384979 396212

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9wl Authority: Environment Agency, North West Region Permit Reference: CD4486 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A18SE (N)	541	2	384979 396212
17	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Nuclear Medicine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL Authority: Environment Agency, North West Region Permit Reference: Bz4675 Dated: 19th September 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18SE (N)	552	2	385004 396218
17	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Nuclear Medicine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL Authority: Environment Agency, North West Region Permit Reference: Bw6051 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18SE (N)	552	2	385004 396218
17	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Nuclear Medicine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL Authority: Environment Agency, North West Region Permit Reference: Bm2926 Dated: 19th November 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18SE (N)	552	2	385004 396218
17	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Nuclear Medicine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL Authority: Environment Agency, North West Region Permit Reference: AS1266 Dated: 29th March 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18SE (N)	552	2	385004 396218
17	Registered Radioactive Substances Name: Manchester Central Hospitals Nhs Trust Location: Nuclear Medicine Department, Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL Authority: Environment Agency, North West Region Permit Reference: AB9712 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the address or location	A18SE (N)	552	2	385004 396218

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Registered Radioactive Substances Name: Medeval Ltd Location: Skelton House, Manchester Science Park, Lloyd Street North, Manchester, Greater Manchester, M15 6sh Authority: Environment Agency, North West Region Permit Reference: Bw5853 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	586	2	384409 396076
18	Registered Radioactive Substances Name: Medeval Ltd Location: Skelton House, Lloyd Street North, Manchester Science Park, MANCHESTER, Greater Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: AC8533 Dated: 31st March 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	587	2	384411 396078
18	Registered Radioactive Substances Name: Medeval Ltd Location: Skelton House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: BY5447 Dated: 12th May 2006 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A17SE (NW)	590	2	384411 396083
18	Registered Radioactive Substances Name: Cypotex Discovery Ltd Location: Skelton House, Manchester Science Park, Lloyd Street North, MANCHESTER, Greater Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: BI8023 Dated: 4th October 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	590	2	384410 396082
18	Registered Radioactive Substances Name: Medeval Ltd Location: Skelton House, Manchester Science Park, Lloyd Street North, MANCHESTER, Greater Manchester, M15 6SH Authority: Environment Agency, North West Region Permit Reference: AC8525 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	590	2	384411 396083
18	Registered Radioactive Substances Name: Icon Development Solutions Limited Location: Skelton House, Manchester Science Park, Lloyd Street North, Manchester, M15 6sh Authority: Environment Agency, North West Region Permit Reference: BY5455 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Authorisation certificate surrendered by operator Positional Accuracy: Automatically positioned to the address	A17SE (NW)	590	2	384410 396083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Registered Radioactive Substances Name: Motac Neuroscience Ltd Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: BI1924 Dated: 27th July 2001 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	653	2	384934 396330
19	Registered Radioactive Substances Name: Motac Neuroscience Ltd Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: BI1916 Dated: 27th July 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	653	2	384934 396330
19	Registered Radioactive Substances Name: Manchester Incubator Co Ltd Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: BI1932 Dated: 27th July 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	660	2	384946 396336
19	Registered Radioactive Substances Name: Syngenta Ltd Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: BI2955 Dated: 27th July 2001 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	665	2	384953 396341
19	Registered Radioactive Substances Name: Syngenta Ltd Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: BI2963 Dated: 27th July 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	665	2	384953 396341
20	Registered Radioactive Substances Name: Renovo Ltd Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: BI1959 Dated: 27th July 2001 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	685	2	384984 396357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Registered Radioactive Substances Name: Renovo Ltd Location: Manchester Incubator Building, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: BL1967 Dated: 27th July 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	685	2	384984 396357
20	Registered Radioactive Substances Name: University Of Manchester Innovation Centre (Umic) Location: 48 Grafton Street, Manchester, M13 9xx Authority: Environment Agency, North West Region Permit Reference: TB3139DJ Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A18NE (N)	711	2	384952 396387
21	Registered Radioactive Substances Name: Renovo Ltd Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9xx Authority: Environment Agency, North West Region Permit Reference: By5196 Dated: 19th October 2004 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	707	2	384859 396386
21	Registered Radioactive Substances Name: Manchester Incubator Co Ltd Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9xx Authority: Environment Agency, North West Region Permit Reference: Bw6175 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	733	2	384853 396412
21	Registered Radioactive Substances Name: The University Of Manchester Location: South Campus, Oxford Road, Manchester, M13 9pl Authority: Environment Agency, North West Region Permit Reference: NP3893SR Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Located by supplier to within 10m	A18NW (N)	741	2	384840 396420
21	Registered Radioactive Substances Name: Manchester Incubator Co Ltd Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9XX Authority: Environment Agency, North West Region Permit Reference: By9248 Dated: 4th February 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	748	2	384843 396427
21	Registered Radioactive Substances Name: Renovo Ltd Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9XX Authority: Environment Agency, North West Region Permit Reference: By9264 Dated: 4th February 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the address or location	A18NW (N)	748	2	384843 396427

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Registered Radioactive Substances Name: Manchester Incubator Co Ltd Location: Incubator Building, 48, Grafton Street, MANCHESTER, M13 9XX Authority: Environment Agency, North West Region Permit Reference: Bz3075 Dated: 23rd June 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Automatically positioned to the address	A18NW (N)	749	2	384843 396428
22	Registered Radioactive Substances Name: Renovo Ltd Location: Manchester Incubator Building, Grafton Street, Manchester, M13 9xx Authority: Environment Agency, North West Region Permit Reference: Bw6183 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NE (N)	790	2	384914 396469
23	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: Radiological Protection Service, 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PL Authority: Environment Agency, North West Region Permit Reference: BA0536 Dated: 6th March 1998 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	803	2	384706 396470
23	Registered Radioactive Substances Name: Central Manchester University Hospitals Nhs Foundation Trust Location: 327, Oxford Road, Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: CA6121 Dated: 26th October 2006 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NW (N)	812	2	384720 396482
23	Registered Radioactive Substances Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Lancashire, M13 9PG Authority: Environment Agency, North West Region Permit Reference: Bw5900 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A18NW (N)	812	2	384720 396482
23	Registered Radioactive Substances Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: Br5949 Dated: 28th February 2002 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	813	2	384720 396482

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Registered Radioactive Substances Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: BI5954 Dated: 11th September 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Initial variation to an authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	813	2	384720 396482
23	Registered Radioactive Substances Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AY6961 Dated: 10th July 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	813	2	384720 396482
23	Registered Radioactive Substances Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AU1097 Dated: 16th February 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	813	2	384720 396482
23	Registered Radioactive Substances Name: University Of Manchester Location: 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AO5492 Dated: 20th October 1994 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A18NW (N)	813	2	384720 396482
23	Registered Radioactive Substances Name: University Of Manchester Location: Health And Safety Services, Radiological Protection, 327 Oxford Road, MANCHESTER, Lancashire, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AG3983 Dated: 12th February 1993 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA dated pre April 1991 Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NW (N)	813	2	384720 396482
23	Registered Radioactive Substances Name: University Of Manchester Location: Radiological Protection Service, 327 Oxford Road, MANCHESTER, Greater Manchester, M13 9PG Authority: Environment Agency, North West Region Permit Reference: AD0180 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the address or location	A18NW (N)	813	2	384720 396482

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Registered Radioactive Substances Name: National Blood Authority Location: Manchester Blood Centre, Plymouth Grove, MANCHESTER, Greater Manchester, M13 9LL Authority: Environment Agency, North West Region Permit Reference: AQ9634 Dated: 30th March 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Unknown	A19NW (NE)	829	2	385300 396395
	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	A9SW (S)	969	2	385235 394738
25	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	A12NW (W)	966	2	383900 395900
25	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	A12NW (W)	966	2	383900 395900
25	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	A12NW (W)	966	2	383900 395900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	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	A12NW (W)	966	2	383900 395900
25	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	A12NW (W)	966	2	383900 395900
25	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	A12NW (W)	966	2	383900 395900
	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	A12NW (W)	1002	2	383865 395909

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: 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	A12NW (W)	1002	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	A24SE (NE)	1387	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	A24SE (NE)	1387	2	385729 396778
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0004/003 Permit Version: 1 Location: Borehole At Manchester Metropolitan University Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: Heat Pump Abstraction Type: Water may be abstracted from a single point 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: 1st January 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1551	2	383715 396746

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0004/003 Permit Version: 1 Location: Borehole At Manchester Metropolitan University Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point 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: 1st January 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SE (NW)	1551	2	383715 396746
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 2 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point 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: 4th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1559	2	384180 397091
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 2 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: Heat Pump Abstraction Type: Water may be abstracted from a single point 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: 4th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1559	2	384180 397091
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 1 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point 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: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1559	2	384180 397091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 1 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: Heat Pump Abstraction Type: Water may be abstracted from a single point 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: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1559	2	384180 397091
	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	A11NW (W)	1629	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	A11NW (W)	1629	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	A11NW (W)	1629	2	383220 395850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A11NW (W)	1629	2	383220 395850
	Water Abstractions Operator: Dunlop Rubber Co Limited Licence Number: 2569007027 Permit Version: Not Supplied Location: Borehole, Cambridge Street, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1811 Yearly Rate (m3): 154564 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NW (NW)	1738	2	384000 397200
	Water Abstractions Operator: Moseley Rubber Co Ltd Licence Number: 2569006001 Permit Version: 100 Location: Borehole At Premises, Broadie St, Ardwick, Manchester Authority: Environment Agency, North West Region Abstraction: Rubber: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 909 Yearly Rate (m3): 331858 Details: Premises At Broadie St., Ardwick Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1895	2	385240 397540
	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: Mixed Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial Thickness: 3-10m Superficial Recharge: Low	A13NW (NE)	0	4	384860 395659
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (NE)	0	4	384860 395659
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NE)	0	4	384860 395659

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	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.	A13NW (NE)	0	2	384860 395659
27	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A12NW (W)	766	2	384092 395845
28	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A12NW (W)	895	2	383967 395875
	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				
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6195.1 Watercourse Level: Underground Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	842	5	384085 396050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	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	A14NW (NE)	563	2	385400 395900
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	6	384860 395659
31	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NW (S)	602	-	384676 395057
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	99	-	384740 395662
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (NW)	104	-	384749 395730
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NE (NE)	113	-	384936 395779
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	140	-	384792 395504
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	274	-	384601 395813
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A13SW (SW)	300	-	384676 395384
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (W)	307	-	384532 395658
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	412	-	384880 395225
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	424	-	384801 395214
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (SE)	450	-	385047 395221
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	461	-	384714 396122
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	465	-	385312 395856
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	467	-	384498 395317
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	472	-	385013 395187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A18SE (NE)	479	-	385105 396104
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	510	-	384329 395656
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	529	-	385381 395856
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	531	-	384401 395976
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	547	-	384783 395092
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	555	-	384285 395705
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	560	-	384814 395077
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (SW)	575	-	384610 395109
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	618	-	385428 395968
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	621	-	384241 395844
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	648	-	384924 394992
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	662	-	384663 396316
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	674	-	384299 395234
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	675	-	385014 394978
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SW (NE)	678	-	385292 396220
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	682	-	384313 395202
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	711	-	384943 396388
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	717	-	384204 395304
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	719	-	384480 396301
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	731	-	384848 394905
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	742	-	384662 394916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	743	-	384209 395242
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	758	-	384124 395385
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	769	-	385651 395696
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	776	-	385242 396368
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	793	-	384180 395196
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A8SW (S)	797	-	384804 394840
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	816	-	385095 394852
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	858	-	385632 396096
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	881	-	385708 395985
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	903	-	383941 395543
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	906	-	383982 395345
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	947	-	385655 395098
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	961	-	383954 395263
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	962	-	385734 396126
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	966	-	383878 395552
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	972	-	385293 396560
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	974	-	385512 396422
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	975	-	384074 395033
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	977	-	385758 396111
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	984	-	384186 394900
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	985	-	385855 395498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	988	-	385502 396448
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	995	-	385176 396630
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	1000	-	385385 396543
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	A19SW (NE)	527	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)	A13NW (NE)	0	1	384860 395659
	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	A13NW (NE)	0	1	384860 395659
	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	A13NE (NE)	310	1	385165 395808
	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	A14NW (NE)	523	1	385368 395874
	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	A19SE (NE)	913	1	385707 396071
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, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (SW)	750	1	384556 394942

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: 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:	A13NW (N)	192	1	384830 395870
	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:	A14NW (E)	339	1	385220 395710
	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 18.10 mg/kg Concentration: Cadmium Measured 0.90 mg/kg Concentration: Chromium Measured 106.60 mg/kg Concentration: Lead Measured 165.80 mg/kg Concentration: Nickel Measured 22.70 mg/kg Concentration:	A8NW (S)	416	1	384830 395220
	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:	A9NW (SE)	590	1	385330 395260
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 385180, 396250 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 16.10 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 113.70 mg/kg Concentration: Lead Measured 124.30 mg/kg Concentration: Nickel Measured 27.40 mg/kg Concentration:	A18SE (NE)	644	1	385180 396250

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: 384760, 396320 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 36.70 mg/kg Cadmium Measured Concentration: 1.70 mg/kg Chromium Measured Concentration: 88.30 mg/kg Lead Measured Concentration: 690.30 mg/kg Nickel Measured Concentration: 42.60 mg/kg	A18SW (N)	647	1	384760 396320
	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 Concentration: 14.60 mg/kg Cadmium Measured Concentration: 0.90 mg/kg Chromium Measured Concentration: 67.10 mg/kg Lead Measured Concentration: 133.80 mg/kg Nickel Measured Concentration: 22.60 mg/kg	A7NE (SW)	689	1	384250 395280
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384140, 395740 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 17.90 mg/kg Cadmium Measured Concentration: 1.00 mg/kg Chromium Measured Concentration: 70.10 mg/kg Lead Measured Concentration: 317.80 mg/kg Nickel Measured Concentration: 28.20 mg/kg	A12NW (W)	703	1	384140 395740
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384230, 396230 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 14.10 mg/kg Cadmium Measured Concentration: 0.70 mg/kg Chromium Measured Concentration: 51.90 mg/kg Lead Measured Concentration: 174.60 mg/kg Nickel Measured Concentration: 19.20 mg/kg	A17SE (NW)	822	1	384230 396230
	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	A14NE (E)	919	1	385800 395730

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: 385740, 395280 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 33.60 mg/kg Cadmium Measured Concentration: 1.50 mg/kg Chromium Measured Concentration: 107.60 mg/kg Lead Measured Concentration: 261.90 mg/kg Nickel Measured Concentration: 101.00 mg/kg	A9NE (SE)	934	1	385740 395280
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384720, 396660 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured Concentration: 117.40 mg/kg Cadmium Measured Concentration: 2.50 mg/kg Chromium Measured Concentration: 361.90 mg/kg Lead Measured Concentration: 1513.50 mg/kg Nickel Measured Concentration: 129.20 mg/kg	A18NW (N)	989	1	384720 396660
	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	A13NW (NE)	0	1	384860 395659
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	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	A13NW (NE)	0	1	384860 395659
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659

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	A13NW (NE)	0	1	384860 395659
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
	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	A13NW (NE)	0	1	384860 395659
	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	A13NW (NE)	0	1	384860 395659

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	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	A13SE (E)	27	-	384909 395655
93	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	A13SE (SE)	51	-	384918 395608
94	Contemporary Trade Directory Entries Name: Diamond Plus Cleaning Location: 309, Great Western Street, Manchester, M14 4BZ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	150	-	384731 395533
94	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	A13SW (SW)	173	-	384728 395503
94	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	A13SW (SW)	173	-	384728 395503
95	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	A13SE (E)	180	-	385056 395604
95	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	A13SE (E)	180	-	385056 395604
95	Contemporary Trade Directory Entries Name: Shell Location: 8, Wilmslow Road, Manchester, M14 5TP Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	180	-	385059 395615
95	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	A13SE (E)	180	-	385056 395604
95	Contemporary Trade Directory Entries Name: United Halal Centre Location: 6, Wilmslow Road, Manchester, M14 5TP Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	180	-	385056 395604
96	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	A13SE (E)	240	-	385118 395606
97	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	A13SE (SE)	274	-	385131 395535

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	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	A13SE (SE)	290	-	385139 395512
97	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	A13SE (SE)	290	-	385139 395512
98	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	A13NE (NE)	284	-	385053 395906
99	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	A13SE (SE)	295	-	385115 395464
100	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	A13SW (SW)	314	-	384679 395366
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	A13SE (SE)	346	-	385179 395470
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	A13SE (SE)	353	-	385182 395461
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	A14SW (SE)	392	-	385208 395429
102	Contemporary Trade Directory Entries Name: Caribbean Style Agency Location: 235, Great Western Street, Manchester, M14 4LQ Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	352	-	384502 395537
102	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	A12SE (W)	379	-	384473 395541
102	Contemporary Trade Directory Entries Name: Oudscents Location: 2, Maine Road, Manchester, M14 4DW Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	381	-	384462 395585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	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	A12SE (W)	381	-	384462 395584
103	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	A8NE (S)	378	-	384908 395262
104	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	A12SE (SW)	380	-	384508 395449
105	Contemporary Trade Directory Entries Name: Stevies Ironing Service Location: 23a, Upper Lloyd Street, Manchester, M14 4HY Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	386	-	384454 395624
106	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	A13SE (SE)	390	-	385197 395416
106	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	A14SW (SE)	394	-	385204 395418
106	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	A13SE (SE)	418	-	385198 395370
107	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	A13SE (SE)	411	-	385147 395329
108	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	A12SE (W)	449	-	384391 395623
108	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	A12SE (W)	471	-	384369 395610
108	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	A12SE (W)	486	-	384354 395616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	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	A12SE (W)	494	-	384350 395571
109	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	A8NE (S)	456	-	385038 395212
110	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	A19SW (NE)	470	-	385228 395997
111	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	A9NW (SE)	511	-	385234 395272
112	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	A8NW (SW)	533	-	384640 395142
113	Contemporary Trade Directory Entries Name: Nuffield Health Diagnostic Location: Nelson Street, Manchester, Greater Manchester, M13 9NQ Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	540	-	384870 396219
114	Contemporary Trade Directory Entries Name: Manchester Royal Infirmary Location: MANCHESTER ROYAL INFIRMARY, OXFORD ROAD, MANCHESTER, M13 9WL Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	541	-	384979 396212
114	Contemporary Trade Directory Entries Name: Central Manchester Healthcare Trust Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	541	-	384979 396212
114	Contemporary Trade Directory Entries Name: Manchester Royal Eye Hospital Location: Manchester Royal Infirmary, Oxford Rd, Manchester, Lancashire, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	541	-	384979 396212
114	Contemporary Trade Directory Entries Name: St Mary'S Hospital Location: Manchester Royal Infirmary, Oxford Rd, Manchester, Lancashire, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	541	-	384979 396212
114	Contemporary Trade Directory Entries Name: Manchester Royal Infirmary Location: K20, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	541	-	384979 396212

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	Contemporary Trade Directory Entries Name: Manchester Childrens Hospital Location: Manchester Royal Infirmary, Oxford Rd, Manchester, Lancashire, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	541	-	384979 396212
114	Contemporary Trade Directory Entries Name: Royal Manchester Childrens Hospital Location: Manchester, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	552	-	384944 396228
114	Contemporary Trade Directory Entries Name: Central Manchester Hospital Location: The Lodge Atm, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	552	-	384944 396228
114	Contemporary Trade Directory Entries Name: Manchester Royal Infirmary Location: The Lodge Atm, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	552	-	384944 396228
114	Contemporary Trade Directory Entries Name: The Kellgren Centre Location: Manchester Royal Infirmary, Oxford Road, Manchester, Greater Manchester, M13 9WL Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	552	-	384944 396228
115	Contemporary Trade Directory Entries Name: Qiagen Location: Skelton House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SH Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	590	-	384411 396083
116	Contemporary Trade Directory Entries Name: Nuffield Health Diagnostic Location: Nelson Street, Manchester, Greater Manchester, M13 9NQ Classification: Hospitals Status: Active Positional Accuracy: Manually positioned to the address or location	A18SE (N)	607	-	385043 396265
117	Contemporary Trade Directory Entries Name: Esso Location: 257, Upper Brook Street, Manchester, M13 0HL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	612	-	385343 396083
117	Contemporary Trade Directory Entries Name: Esso Location: 257, Upper Brook Street, Manchester, M13 0HL Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	612	-	385343 396083
117	Contemporary Trade Directory Entries Name: Mancunian Service Station Location: 257, Upper Brook Street, Manchester, M13 0HL Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	616	-	385371 396054
117	Contemporary Trade Directory Entries Name: Tesco Express Location: 257, Upper Brook Street, Manchester, M13 0HL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	616	-	385371 396054

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	Contemporary Trade Directory Entries Name: Dot Vehicle Repairs Location: Salisbury St, Manchester, M14 4ND Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	612	-	384228 395668
119	Contemporary Trade Directory Entries Name: Ameer Location: 195-197, Wilmslow Road, Manchester, M14 5AQ Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	613	-	385298 395192
120	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	A14NW (E)	617	-	385489 395791
121	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	A14NW (NE)	619	-	385447 395931
122	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	A7NE (SW)	648	-	384403 395157
123	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	A14NW (E)	674	-	385523 395889
123	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	A14NW (NE)	689	-	385521 395938
123	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	A14NW (E)	690	-	385528 395922
123	Contemporary Trade Directory Entries Name: Carmoor Road Garage Location: 90, Carmoor Road, Manchester, M13 0FB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	690	-	385522 395939
123	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	A14NW (NE)	690	-	385522 395939
123	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	A14NE (E)	699	-	385547 395895
124	Contemporary Trade Directory Entries Name: The Rennie Tool Co Ltd Location: 227, Upper Brook Street, Manchester, M13 0HB Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	674	-	385248 396246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	Contemporary Trade Directory Entries Name: W M Engineering Ltd Location: Enterprise House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	695	-	384435 396244
125	Contemporary Trade Directory Entries Name: Sensalyse Ltd Location: Enterprise House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	695	-	384435 396244
125	Contemporary Trade Directory Entries Name: Ellab Validation & Monitoring Solutions Location: Unit 9, Kilburn House, Lloyd Street North, Manchester, M15 6SE Classification: Temperature Monitoring Systems Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	728	-	384428 396278
126	Contemporary Trade Directory Entries Name: Sayda Trade Supplies Ltd Location: 174, GREAT WESTERN STREET, MANCHESTER, M14 4SN Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	705	-	384146 395508
127	Contemporary Trade Directory Entries Name: Manchester Incubator Building Ltd Location: 48, Grafton Street, Manchester, M13 9XX Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	711	-	384952 396387
127	Contemporary Trade Directory Entries Name: Nanoco Technologies Ltd Location: 48, Grafton Street, Manchester, M13 9XX Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	711	-	384952 396387
127	Contemporary Trade Directory Entries Name: Genedrive Diagnostics Location: 48 Grafton Street, Manchester, Greater Manchester, M13 9XX Classification: Medical Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	711	-	384952 396387
128	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: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	719	-	385353 395099
128	Contemporary Trade Directory Entries Name: Rusholme Pharmacy Location: 239, Wilmslow Road, Manchester, M14 5LW Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	721	-	385335 395082
128	Contemporary Trade Directory Entries Name: Baloch M O T Centre Location: Manchester, Greater Manchester, M14 5lw Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	726	-	385338 395077
129	Contemporary Trade Directory Entries Name: Ossur (UK) Ltd Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, M15 6SY Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	720	-	384268 396116

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Contemporary Trade Directory Entries Name: Relisys Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, M15 6SY Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	720	-	384268 396116
129	Contemporary Trade Directory Entries Name: Sasc Location: Synergy House, Guildhall Close, Manchester Science Park, Manchester, Lancashire, M15 6SY Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	720	-	384268 396116
130	Contemporary Trade Directory Entries Name: Charles Wilson Auto Engineers Location: 160-164, Wilmslow Road, Manchester, M14 5LQ Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	741	-	385301 395031
130	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	A9NW (SE)	780	-	385330 395003
131	Contemporary Trade Directory Entries Name: Road Runners Removals Location: Kreativ House, 2 Acker St, Rochdale, Lancashire, OL16 1HZ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	743	-	384773 396418
132	Contemporary Trade Directory Entries Name: Epistem Ltd Location: 48, Grafton Street, Manchester, M13 9XX Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	749	-	384843 396428
133	Contemporary Trade Directory Entries Name: U Print Location: Manchester Students Union Oxford Road, Manchester, Greater Manchester, M13 9PR Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	767	-	384681 396429
133	Contemporary Trade Directory Entries Name: U-Print Location: Steve Biko Building, Oxford Road, Manchester, M13 9PR Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	769	-	384676 396430
134	Contemporary Trade Directory Entries Name: Ipec Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, MANCHESTER, M15 6SZ Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	770	-	384312 396239
134	Contemporary Trade Directory Entries Name: Pharmalogical Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, Lancashire, M15 6SZ Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	770	-	384312 396239
134	Contemporary Trade Directory Entries Name: Igm Resins Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, M15 6GG Classification: Chemicals - Distributors & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	770	-	384312 396239

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	Contemporary Trade Directory Entries Name: Zilico Location: Rutherford House, 40, Pencroft Way, Manchester Science Park, Manchester, M15 6SZ Classification: Medical Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	771	-	384310 396238
135	Contemporary Trade Directory Entries Name: Protein Technologies Location: Unit 51, Greenheys Business Centre, 10, Pencroft Way, Manchester, M15 6JJ Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	835	-	384268 396287
135	Contemporary Trade Directory Entries Name: Scientific Laboratory Supplies Ltd Location: Greenheys Business Centre, Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Laboratory Equipment, Instruments & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	835	-	384268 396287
135	Contemporary Trade Directory Entries Name: Kaiku Ltd Location: Greenheys Business Centre, Pencroft Way, Manchester, M15 6JJ Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	835	-	384268 396287
135	Contemporary Trade Directory Entries Name: Greendisti Ltd Location: Unit 15 Greenheys Business Centre, Pencroft Way, Manchester, Greater Manchester, M15 6JJ Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	835	-	384268 396287
135	Contemporary Trade Directory Entries Name: Posture Care Ltd Location: Unit 21, Greenheys Business Centre, 10, Pencroft Way, Manchester, M15 6JJ Classification: Medical Equipment Maintenance & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	835	-	384268 396287
135	Contemporary Trade Directory Entries Name: Idvac Location: Unit 15, Greenheys Business Centre, 10, Pencroft Way, Manchester, M15 6JJ Classification: Coating Specialists Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	835	-	384268 396287
135	Contemporary Trade Directory Entries Name: Ipec Location: Greenheys Business Centre, Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	835	-	384267 396286
135	Contemporary Trade Directory Entries Name: Grand Healthcare Location: 40 Greenheys Business Centre, Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	835	-	384267 396286
135	Contemporary Trade Directory Entries Name: Green Digits Location: Greenheys Business Centre, Pencroft Way, Manchester, Lancashire, M15 6JJ Classification: Recycling Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	835	-	384268 396287
136	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	A14NE (E)	835	-	385709 395799

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	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	A14NE (E)	835	-	385709 395799
137	Contemporary Trade Directory Entries Name: Bicycle Doctor Location: 68-70, Dickenson Road, Manchester, M14 5HF Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	848	-	385499 395062
138	Contemporary Trade Directory Entries Name: Lig Biowise Ltd Location: Williams House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	851	-	384405 396410
139	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	A8SW (S)	867	-	384782 394771
140	Contemporary Trade Directory Entries Name: 1st Callautolocksmith.Co.Uk Location: 9, Greenheys Lane, Manchester, M15 6NQ Classification: Lock Suppliers and Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	876	-	384226 396304
140	Contemporary Trade Directory Entries Name: Cedric'S Motors Location: 1-5, Greenheys Lane, Manchester, M15 6NQ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	890	-	384232 396329
140	Contemporary Trade Directory Entries Name: Cedrics Motors Location: 1 Greenheys Lane, Manchester, Greater Manchester, M15 6NQ Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	930	-	384191 396345
141	Contemporary Trade Directory Entries Name: Esso Location: Oxford Road, Manchester, Greater Manchester, M13 9NR Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	881	-	384596 396525
142	Contemporary Trade Directory Entries Name: Emerge Recycling Location: First Floor, Barnhill Studios, Westwood St, Manchester, M14 4SW Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	882	-	383958 395666
142	Contemporary Trade Directory Entries Name: Emerge Recycling Ltd Location: First Floor, Barnhill Studios, Westwood Street, Manchester, M14 4SW Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12SW (W)	898	-	383941 395643
143	Contemporary Trade Directory Entries Name: Baby Britain Location: First Floor Flat, Plymouth Court Business Centre, 164, Plymouth Grove, Manchester, M13 0AF Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	926	-	385641 396211

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	Contemporary Trade Directory Entries Name: New Motor Repair Zone Ltd Location: Unit 7-8 166a Plymouth Grove, Manchester, Greater Manchester, M13 0AF Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	946	-	385660 396217
143	Contemporary Trade Directory Entries Name: Corporate Identity Ltd Location: 166, Plymouth Grove, Manchester, M13 0AF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	960	-	385681 396212
143	Contemporary Trade Directory Entries Name: Shannon & Sons Ltd Location: 166, Plymouth Grove, Manchester, M13 0AF Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	960	-	385681 396212
144	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	A7SE (SW)	934	-	384271 394895
145	Contemporary Trade Directory Entries Name: Heineken Location: Royal Brewery, 201, Denmark Road, Manchester, M15 6LD Classification: Brewers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	952	-	383920 395923
145	Contemporary Trade Directory Entries Name: Scottish-Newcastle Ltd Location: 201, Denmark Road, Manchester, M15 6LD Classification: Brewers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	952	-	383920 395923
146	Contemporary Trade Directory Entries Name: University Dental Hospital Of Manchester Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	977	-	384383 396542
147	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	A7SW (SW)	985	-	384122 394961
148	Contemporary Trade Directory Entries Name: M R H Service Station Location: Princess Road, Manchester, Greater Manchester, M14 7FS Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	990	-	383850 395597
148	Contemporary Trade Directory Entries Name: Alexandra Service Station Location: 95, Princess Road, Manchester, M14 4TH Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (W)	996	-	383845 395575
149	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	A13SE (SE)	85	-	384957 395608

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	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	A13SE (SE)	205	-	385069 395564
151	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	A13NW (W)	232	-	384612 395722
152	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	A13SE (E)	240	-	385119 395608
153	Fuel Station Entries Name: Rusholme Express Location: 257, Upper Brook Street , Rusholme , Manchester, Greater Manchester, M13 0HL Brand: Esso Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	615	-	385343 396087
154	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	A9NW (SE)	634	-	385307 395172
155	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	A9SW (SE)	852	-	385392 394960
156	Fuel Station Entries Name: Alexandra Service Station Location: 95, Princess Road , Moss Side , Manchester, Greater Manchester, M14 4TH Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A11SE (W)	996	-	383845 395575
157	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	A13SE (SE)	205	8	385059 395545
157	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	A13SE (SE)	205	8	385069 395564
158	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	A12SE (W)	353	8	384501 395536

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	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	A14SW (SE)	426	8	385218 395382
160	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	A12SE (W)	466	8	384374 395656
161	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	A12SE (W)	472	8	384373 395563
162	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	A14NW (NE)	689	8	385521 395938
162	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	A14NW (NE)	689	8	385521 395938
162	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	A14NW (NE)	690	8	385522 395939
162	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	A14NW (NE)	690	8	385522 395939
163	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	A9NW (SE)	711	8	385302 395068
163	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	A9NW (SE)	711	8	385302 395068
163	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	A9NW (SE)	740	8	385358 395076
164	Points of Interest - Commercial Services Name: Greendisti Ltd Location: Unit 15 Greenheys Business Centre, Pencroft Way, Manchester, M15 6JJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	835	8	384268 396287
164	Points of Interest - Commercial Services Name: Bob's Auto Locksmiths Location: Greenheys Lane, Manchester, M15 6NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	876	8	384226 396303

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Points of Interest - Commercial Services Name: Cedric's Motors Location: 1-5 Greenheys Lane, Manchester, M15 6NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	890	8	384232 396329
164	Points of Interest - Commercial Services Name: Cedrics Motors Location: Greenheys Lane, Manchester, M15 6NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	930	8	384191 396344
164	Points of Interest - Commercial Services Name: Cedric's Motors Location: 1-5 Greenheys Lane, Manchester, M15 6NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	930	8	384191 396344
165	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	A9SW (SE)	852	8	385392 394960
166	Points of Interest - Commercial Services Name: Motor Repair Zone Location: 166 Plymouth Grove, Manchester, M13 0AF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	960	8	385681 396212
167	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	A13NE (NE)	305	8	385010 395956
168	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	A18SE (NE)	426	8	385147 396013
169	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	A14NW (NE)	451	8	385282 395889
170	Points of Interest - Education and Health Name: Manchester Royal Eye Hospital Location: Manchester Royal Eye Hospital, Nelson Street, Manchester, M13 9WH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18SE (NE)	513	8	385178 396099
170	Points of Interest - Education and Health Name: Royal Manchester Children's Hospital Location: Royal Manchester Children's Hospital, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18SE (NE)	513	8	385178 396099
170	Points of Interest - Education and Health Name: St Mary's Hospital Location: Oxford Road, (Access From Hathersage Road), Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18SE (NE)	513	8	385178 396099
170	Points of Interest - Education and Health Name: Manchester Royal Eye Hospital Location: Manchester Royal Eye Hospital, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18SE (NE)	513	8	385178 396099

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	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	A19SW (NE)	520	8	385208 396085
171	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	A19SW (NE)	536	8	385260 396060
172	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	A18SE (N)	541	8	384979 396212
172	Points of Interest - Education and Health Name: Manchester Royal Infirmary 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	A18SE (N)	541	8	384979 396212
172	Points of Interest - Education and Health Name: Manchester Royal Infirmary Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18SE (N)	541	8	384979 396212
173	Points of Interest - Education and Health Name: Manchester Royal Infirmary Location: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A18SE (N)	604	8	385081 396250
173	Points of Interest - Education and Health Name: Manchester Royal Infirmary 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	A18SE (N)	664	8	385103 396306
174	Points of Interest - Education and Health Name: CARE Fertility Manchester Location: 108-112 Daisy Bank Road, Manchester, M14 5QH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A14NE (E)	834	8	385708 395798
174	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	A14NE (E)	835	8	385709 395799
174	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	A14NE (E)	835	8	385709 395799
175	Points of Interest - Education and Health Name: University Dental Hospital of Manchester Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A17NE (NW)	977	8	384383 396542

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Points of Interest - Education and Health Name: University Dental Hospital Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A17NE (NW)	977	8	384383 396542
175	Points of Interest - Education and Health Name: University Dental Hospital Location: University Dental Hospital of Manchester, Higher Cambridge Street, Manchester, M15 6FH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A17NE (NW)	977	8	384383 396542
176	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	A13SE (E)	70	8	384947 395624
176	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	A13SE (E)	75	8	384953 395625
177	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)	267	8	385131 395776
178	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	A13SW (SW)	295	8	384699 395377
178	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	A13SW (SW)	301	8	384697 395371
179	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	A13SE (SE)	338	8	385178 395485
179	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	A13SE (SE)	349	8	385191 395486
180	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	A13SE (SE)	402	8	385191 395387
180	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	A13SE (SE)	406	8	385193 395384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
180	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	A13SE (SE)	433	8	385197 395347
180	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	A14SW (SE)	436	8	385201 395347
181	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	A8NW (SW)	527	8	384609 395162
182	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	A19SW (NE)	556	8	385312 396032
182	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	A19SW (NE)	562	8	385309 396045
183	Points of Interest - Manufacturing and Production Name: Science Park Location: M15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	643	8	384414 396160
184	Points of Interest - Manufacturing and Production Name: Works Location: M13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	705	8	385276 396264
184	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	A19SW (NE)	708	8	385281 396265
185	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	A9NW (SE)	717	8	385513 395308
186	Points of Interest - Manufacturing and Production Name: Manchester Science Partnerships Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A17SE (NW)	722	8	384440 396280
186	Points of Interest - Manufacturing and Production Name: Manchester Science Park Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A17SE (NW)	722	8	384440 396280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	Points of Interest - Manufacturing and Production Name: Manchester Science Park Location: Kilburn House, Lloyd Street North, Manchester Science Park, Manchester, M15 6SE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A17SE (NW)	722	8	384440 396280
187	Points of Interest - Manufacturing and Production Name: Greenheys Business Centre Location: M15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	848	8	384243 396280
187	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	A17SE (NW)	866	8	384245 396308
187	Points of Interest - Manufacturing and Production Name: Factory Location: M15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17SE (NW)	884	8	384225 396314
188	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	A12NW (W)	852	8	384027 395934
188	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	A12NW (W)	853	8	384027 395935
189	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	920	8	385637 396206
189	Points of Interest - Manufacturing and Production Name: Works Location: M13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	920	8	385637 396205
190	Points of Interest - Manufacturing and Production Name: Tanks Location: M15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	924	8	383937 395874
191	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	A13SE (SE)	205	8	385069 395564
191	Points of Interest - Public Infrastructure Name: Shell Location: 10 Wilmslow Road, Manchester, M14 5TQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	205	8	385069 395564
191	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	A13SE (SE)	205	8	385070 395566

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	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	A13SE (SE)	205	8	385069 395564
192	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	A8NE (S)	456	8	385038 395212
193	Points of Interest - Public Infrastructure Name: Esso Location: 257 Upper Brook Street, Manchester, M13 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	611	8	385342 396082
193	Points of Interest - Public Infrastructure Name: Rusholme Express Location: 257 Upper Brook Street, Manchester, Lancashire, M13 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	612	8	385342 396084
193	Points of Interest - Public Infrastructure Name: Esso Location: 257 Upper Brook Street, Manchester, M13 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	614	8	385343 396086
193	Points of Interest - Public Infrastructure Name: Esso Location: 257 Upper Brook Street, Manchester, M13 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	614	8	385343 396085
193	Points of Interest - Public Infrastructure Name: Rusholme Express Location: 257 Upper Brook Street, Manchester, M13 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	615	8	385343 396087
193	Points of Interest - Public Infrastructure Name: Tesco Express Location: 257 Upper Brook Street, Manchester, M13 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	616	8	385371 396054
194	Points of Interest - Public Infrastructure Name: Tesco Petrol Station Location: Upper Brook Street, Manchester, M13 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	617	8	385489 395791
195	Points of Interest - Public Infrastructure Name: Greenheys Section Divisional Police Headquarters Location: Greenheys Police Station, Charles Halle Road, Manchester, M15 6NP Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A17SW (NW)	883	8	384059 396090
196	Points of Interest - Public Infrastructure Name: Graveyard Location: M13 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	904	8	385055 396567
196	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	907	8	385062 396568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	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	A13NW (NW)	249	8	384715 395894
197	Points of Interest - Recreational and Environmental Name: Playground Location: Denmark Road, M15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NW (NW)	306	8	384711 395956
197	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	A13NW (NW)	308	8	384710 395957
198	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	A13SW (SW)	343	8	384693 395326
199	Points of Interest - Recreational and Environmental Name: Playground Location: Heald Place, M14 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NE (S)	575	8	384955 395069
199	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	576	8	384953 395067
200	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	A12NW (W)	710	8	384155 395865
201	Points of Interest - Recreational and Environmental Name: Playground Location: Swinton Grove, M13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SW (NE)	763	8	385418 396222
201	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	A19SW (NE)	765	8	385419 396224
202	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	A12SW (W)	784	8	384059 395566
203	Points of Interest - Recreational and Environmental Name: Play Area Location: Swinton Grove, M13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	845	8	385451 396305
203	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	A19SW (NE)	851	8	385458 396306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	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	A8SE (S)	884	8	384973 394760
204	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	A8SE (S)	899	8	385013 394750
205	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	A12SW (W)	894	8	383995 395344
205	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	A12SW (W)	897	8	383991 395344

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Trafford Metropolitan Borough Council - Renewal and Environmental Protection Manchester City Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environment Team (Land & Water) Tameside Metropolitan Borough Council - Environmental Health Department	June 2020 November 2013 October 2017 October 2017 October 2017 October 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	January 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	January 2022	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 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	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	February 2022	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Environment Agency - North West Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	January 2022	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - North West Region	January 2022	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
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	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2022	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2022	Quarterly
Flood Defences Environment Agency - Head Office	February 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	January 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	January 2022	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	January 2022	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	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites 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	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
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	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	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	January 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2022	Quarterly
Points of Interest - Education and Health PointX	March 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2022	Quarterly
Points of Interest - Public Infrastructure PointX	March 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	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	October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Manchester City Council Salford City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	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.

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

295623794_1_1

Customer Reference:

4453

National Grid Reference:

384860, 395660

Slice:

A

Site Area (Ha):

0.18

Search Buffer (m):

1000

Site Details:

470

Moss Lane East

Manchester

M14 4PJ

Client Details:

Mr R McGuinness

Roc Consulting

Commercial Wharf

6 Commercial Street

Manchester

M15 4PZ

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	-
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	2
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	5
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	6
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	7
Data Suppliers	8
Useful Contacts	9

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

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

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1				1
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 2				1
Potentially Infilled Land (Water)	pg 2		4	11	44
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Salt Mining Related Features					



Summary

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	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, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (SW)	750	1	384556 394942
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NW (S)	602	-	384676 395057
3	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	99	-	384740 395662
4	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (NW)	104	-	384749 395730
5	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NE (NE)	113	-	384936 395779
6	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	140	-	384792 395504
7	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	274	-	384601 395813
8	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A13SW (SW)	300	-	384676 395384
9	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (W)	307	-	384532 395658
10	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	412	-	384880 395225
11	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	424	-	384801 395214
12	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (SE)	450	-	385047 395221
13	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	461	-	384714 396122
14	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	465	-	385312 395856
15	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	467	-	384498 395317
16	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	472	-	385013 395187
17	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A18SE (NE)	479	-	385105 396104
18	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	510	-	384329 395656
19	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	529	-	385381 395856
20	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	531	-	384401 395976
21	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	547	-	384783 395092
22	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	555	-	384285 395705

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	560	-	384814 395077
24	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (SW)	575	-	384610 395109
25	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	618	-	385428 395968
26	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	621	-	384241 395844
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	648	-	384924 394992
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	662	-	384663 396316
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	674	-	384299 395234
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	675	-	385014 394978
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SW (NE)	678	-	385292 396220
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	682	-	384313 395202
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	711	-	384943 396388
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	717	-	384204 395304
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	719	-	384480 396301
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	731	-	384848 394905
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	742	-	384662 394916
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	743	-	384209 395242
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	758	-	384124 395385
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	769	-	385651 395696
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	776	-	385242 396368
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	793	-	384180 395196
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A8SW (S)	797	-	384804 394840

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	816	-	385095 394852
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	858	-	385632 396096
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	881	-	385708 395985
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	903	-	383941 395543
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	906	-	383982 395345
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	947	-	385655 395098
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	961	-	383954 395263
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	962	-	385734 396126
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	966	-	383878 395552
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	972	-	385293 396560
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	974	-	385512 396422
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	975	-	384074 395033
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	977	-	385758 396111
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	984	-	384186 394900
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	985	-	385855 395498
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	988	-	385502 396448
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	995	-	385176 396630
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	1000	-	385385 396543

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
62	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
63	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
64	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
65	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
66	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
67	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659
68	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	384860 395659
69	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	118	1	385000 395659

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

1:2,500	Mapsheet	Published Date
Lancashire And Furness	104_15	1893
Lancashire And Furness	104_15	1908
Lancashire And Furness	104_15	1933

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

1:10,560	Mapsheet	Published Date
Lancashire And Furness	104_00	1848
Lancashire And Furness	111_00	1848
Cheshire	003A_00	1882
Cheshire	010_00	1882
Lancashire And Furness	111_NE	1894
Lancashire And Furness	111_NW	1894
Lancashire And Furness	104_SE	1895
Lancashire And Furness	104_SW	1896
Lancashire And Furness	111_NE	1908
Lancashire And Furness	111_NW	1908
Lancashire And Furness	104_SE	1909
Lancashire And Furness	104_SW	1909
Lancashire And Furness	104_SE	1923
Lancashire And Furness	111_NE	1923
Lancashire And Furness	111_NW	1933
Lancashire And Furness	104_SW	1938
Ordnance Survey Plan	SJ89SE	1955
Ordnance Survey Plan	SJ89SW	1955
Ordnance Survey Plan	SJ89NE	1956
Ordnance Survey Plan	SJ89NW	1956
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SJ89SW	1989
Ordnance Survey Plan	SJ89SE	1990
Ordnance Survey Plan	SJ89NE	1993
Ordnance Survey Plan	SJ89NW	1994

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2021	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2021	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	February 2020	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

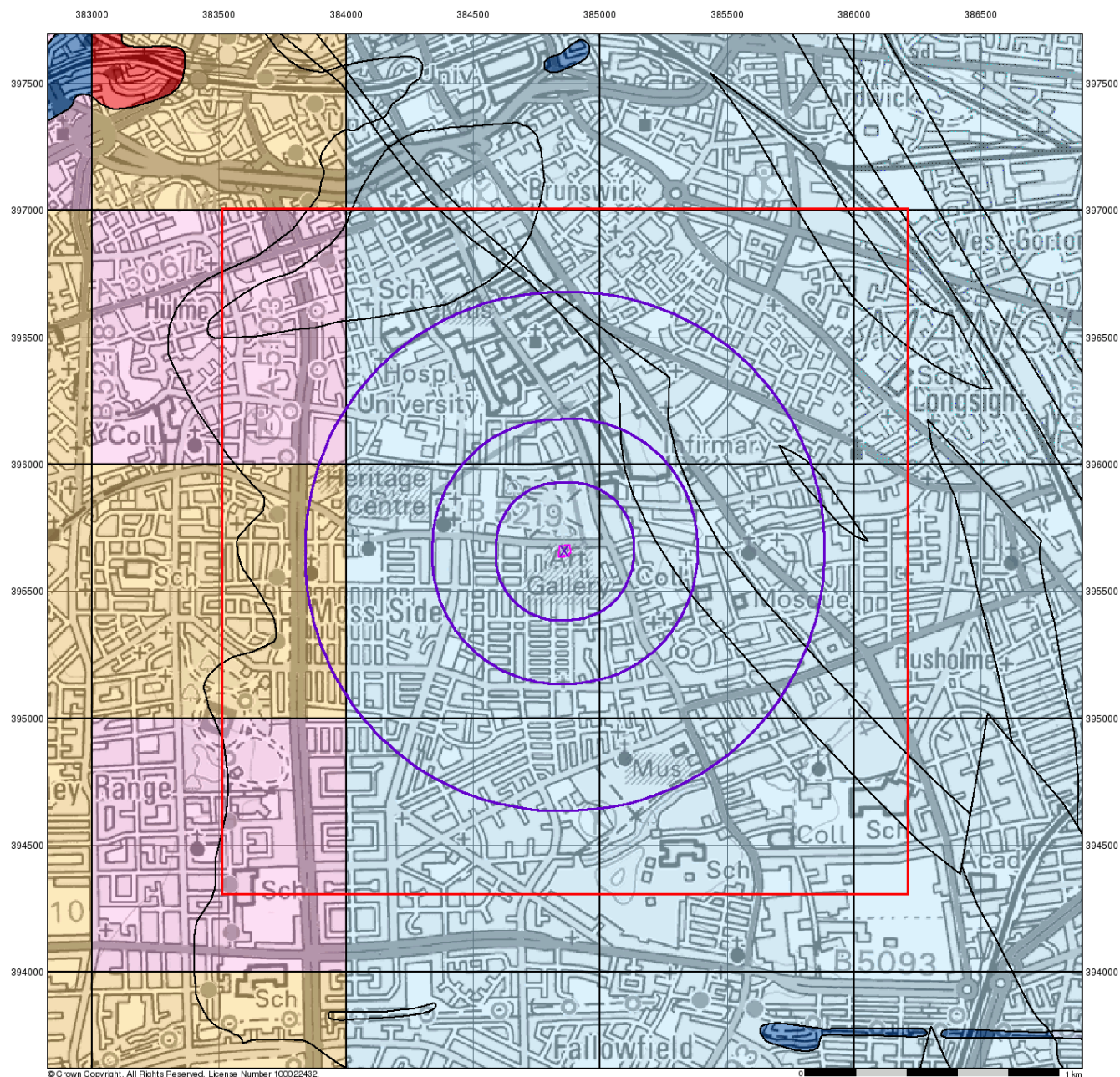
Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
-	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



COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX D - ENVIRONMENTAL & GEOLOGICAL MAPS



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Groundwater Vulnerability

General

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

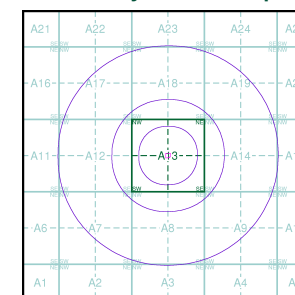
Superficial Aquifers

- 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

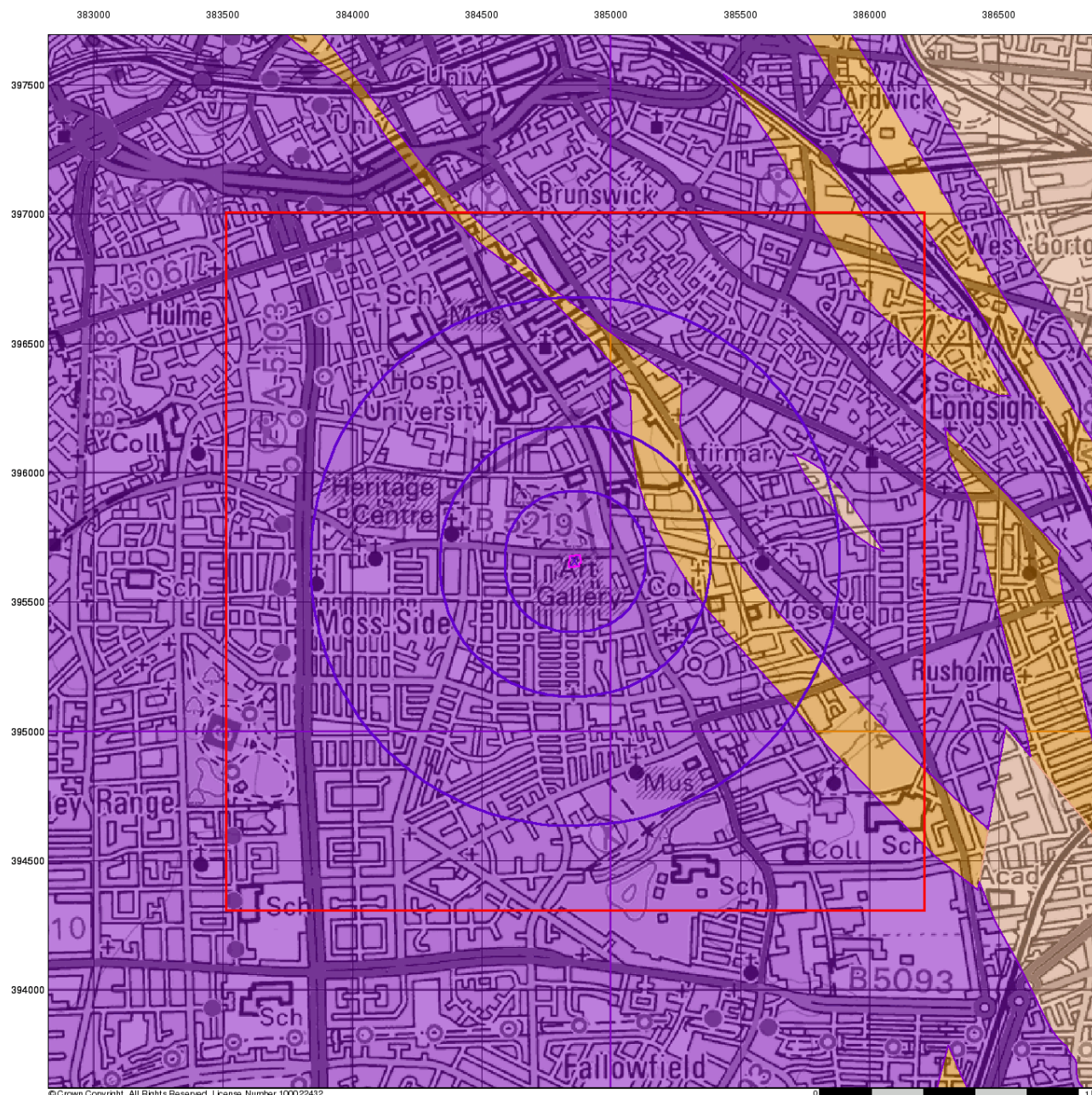
Order Number: 295623794_1_1
 Customer Ref: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ

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 INFORMATION GROUP

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0 1 km



Bedrock Aquifer Designation

General

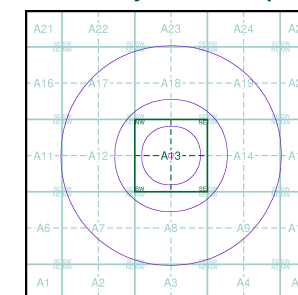
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

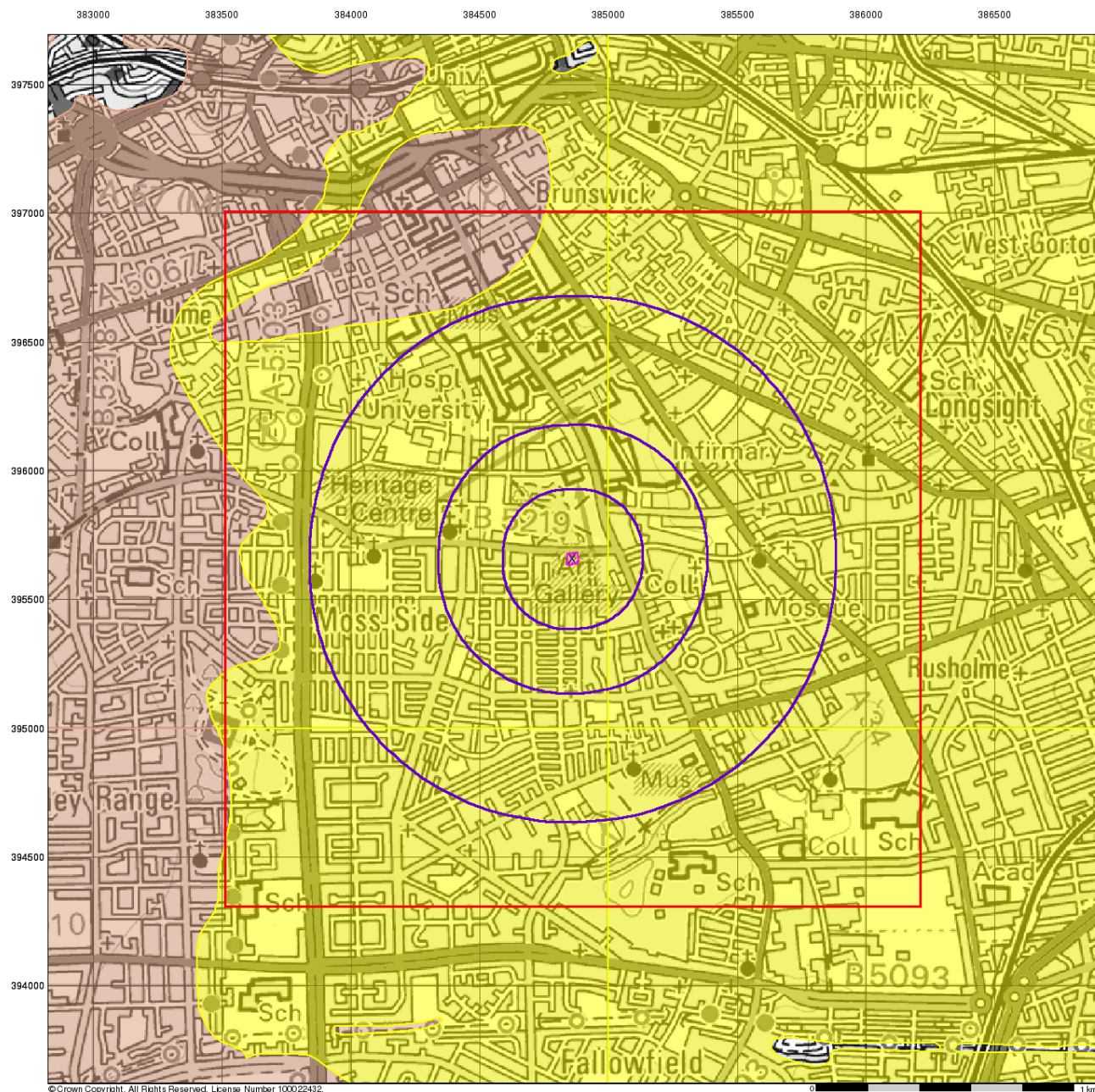
Order Number: 295623794_1_1
 Customer Ref: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

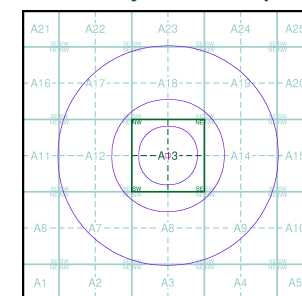
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

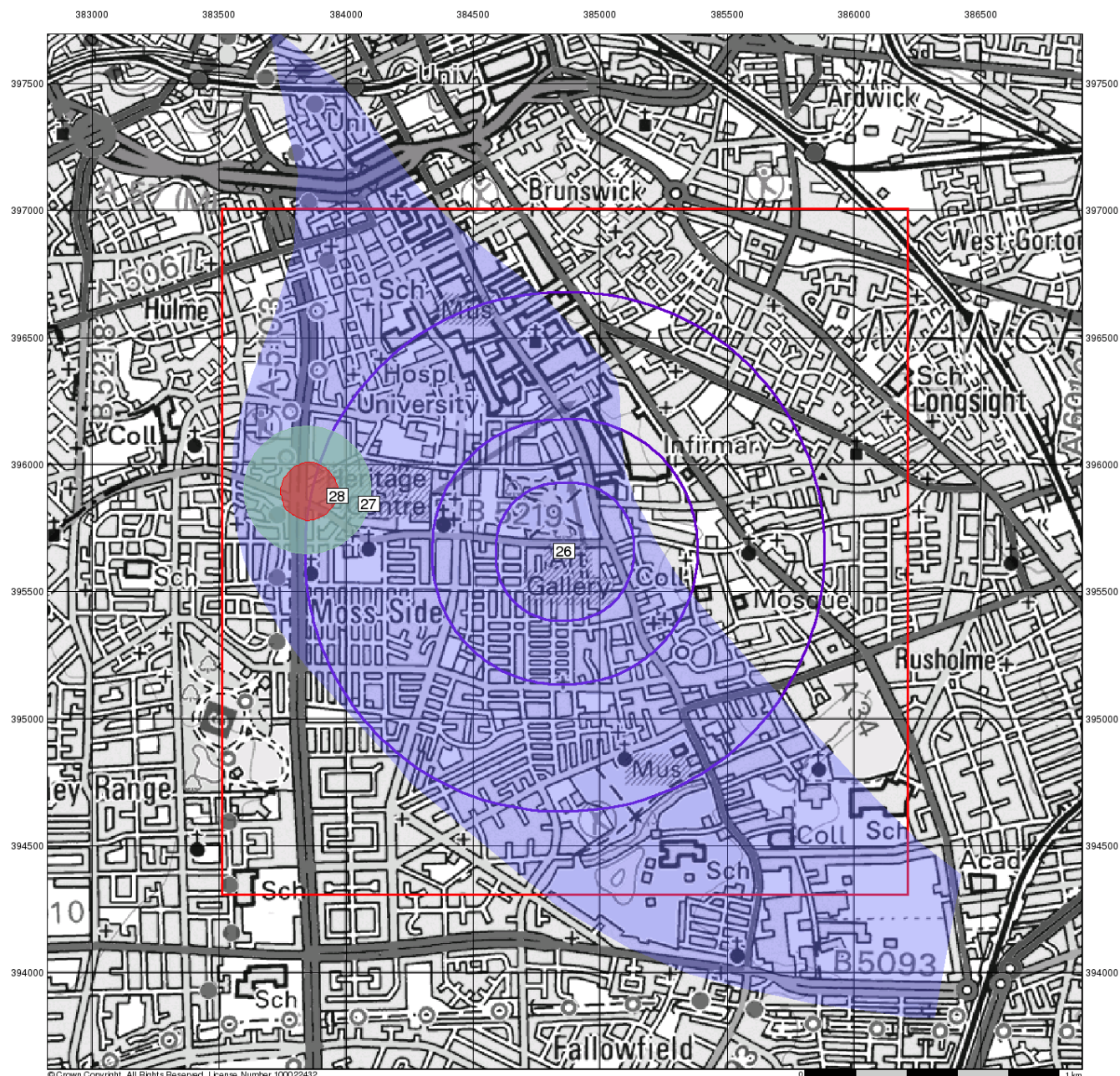
Order Number: 295623794_1_1
 Customer Ref: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details

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Source Protection Zones

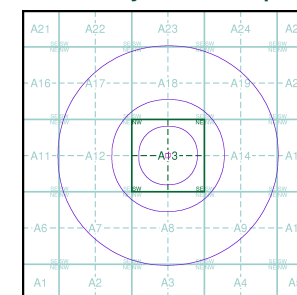
General

- 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

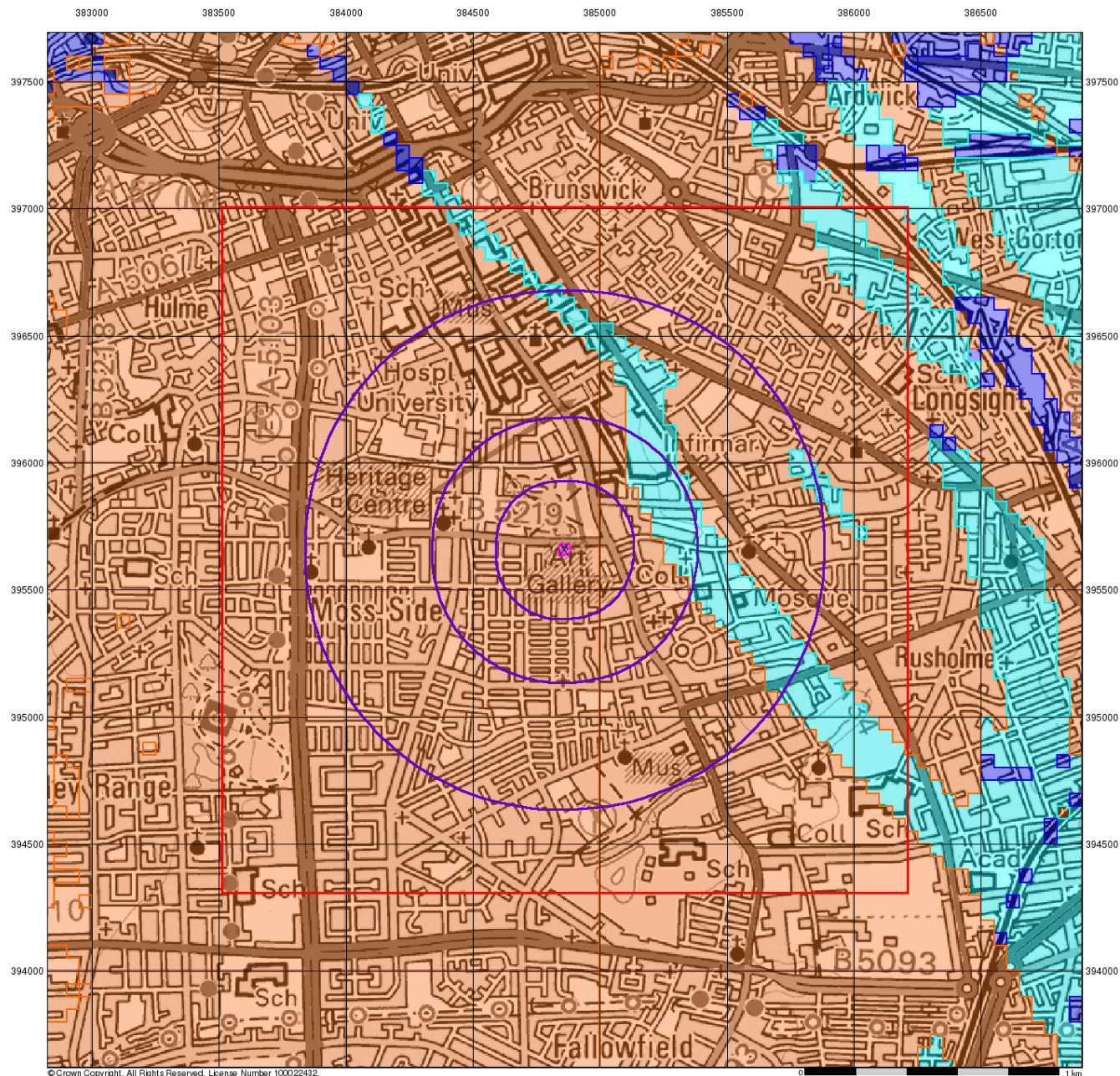
Order Number: 295623794_1_1
 Customer Ref: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details

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BGS Flood GFS Data

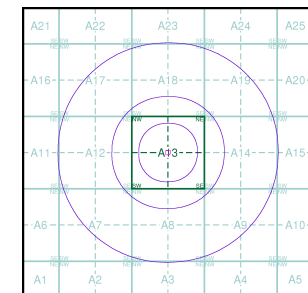
General

- 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: 295623794_1_1
 Customer Ref: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

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Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

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

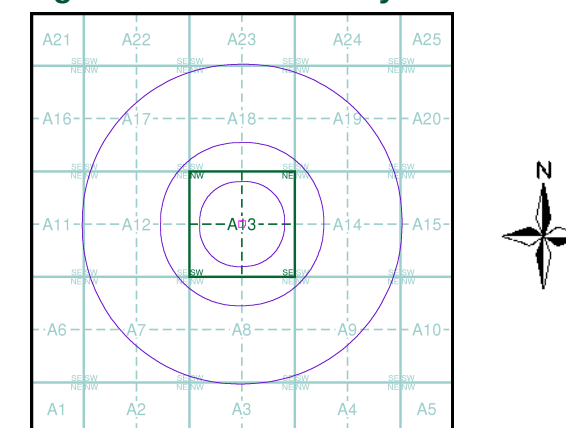
Historical Land Use

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

Mining Data

- Potential Mining Area
BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

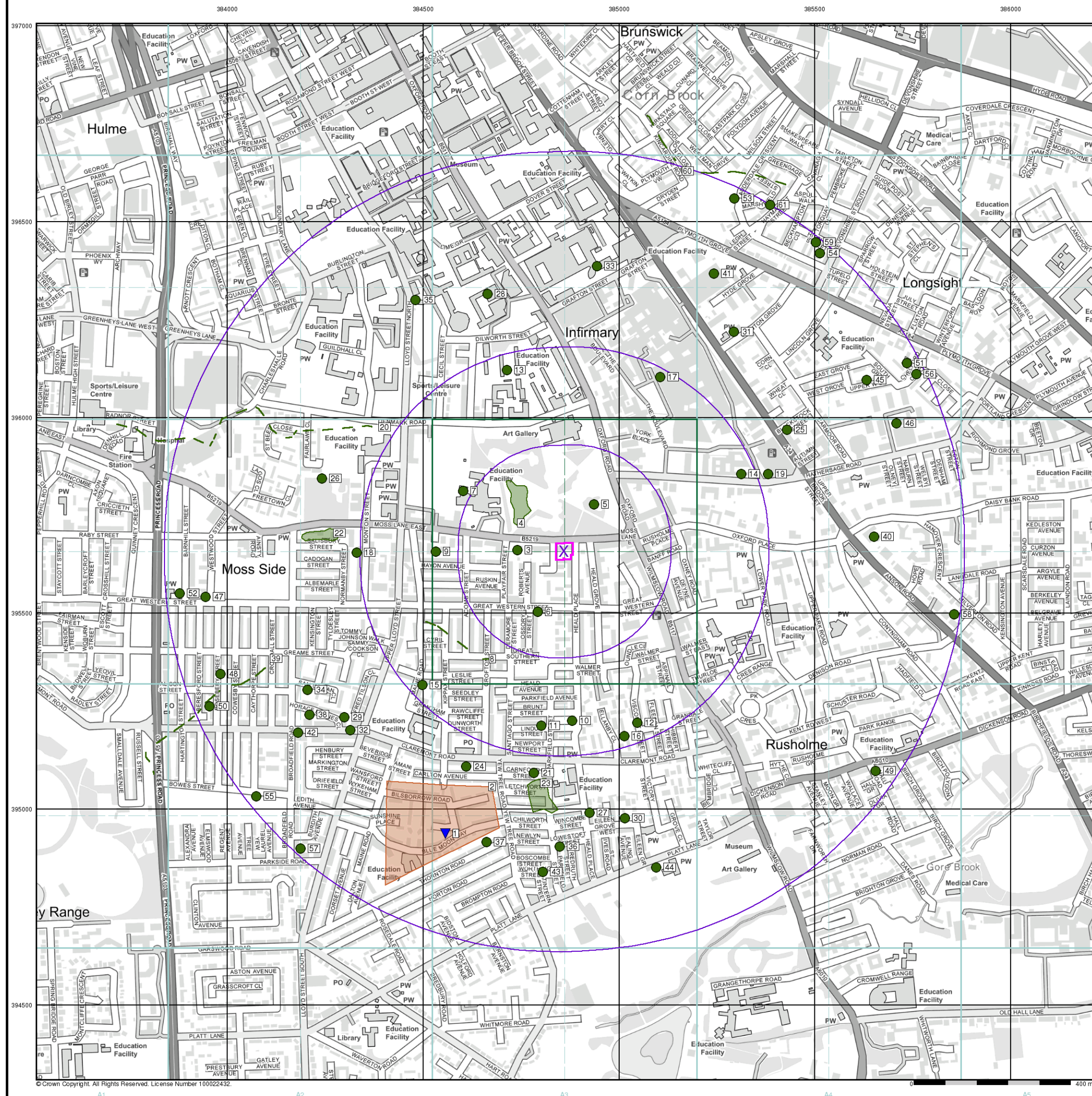
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Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

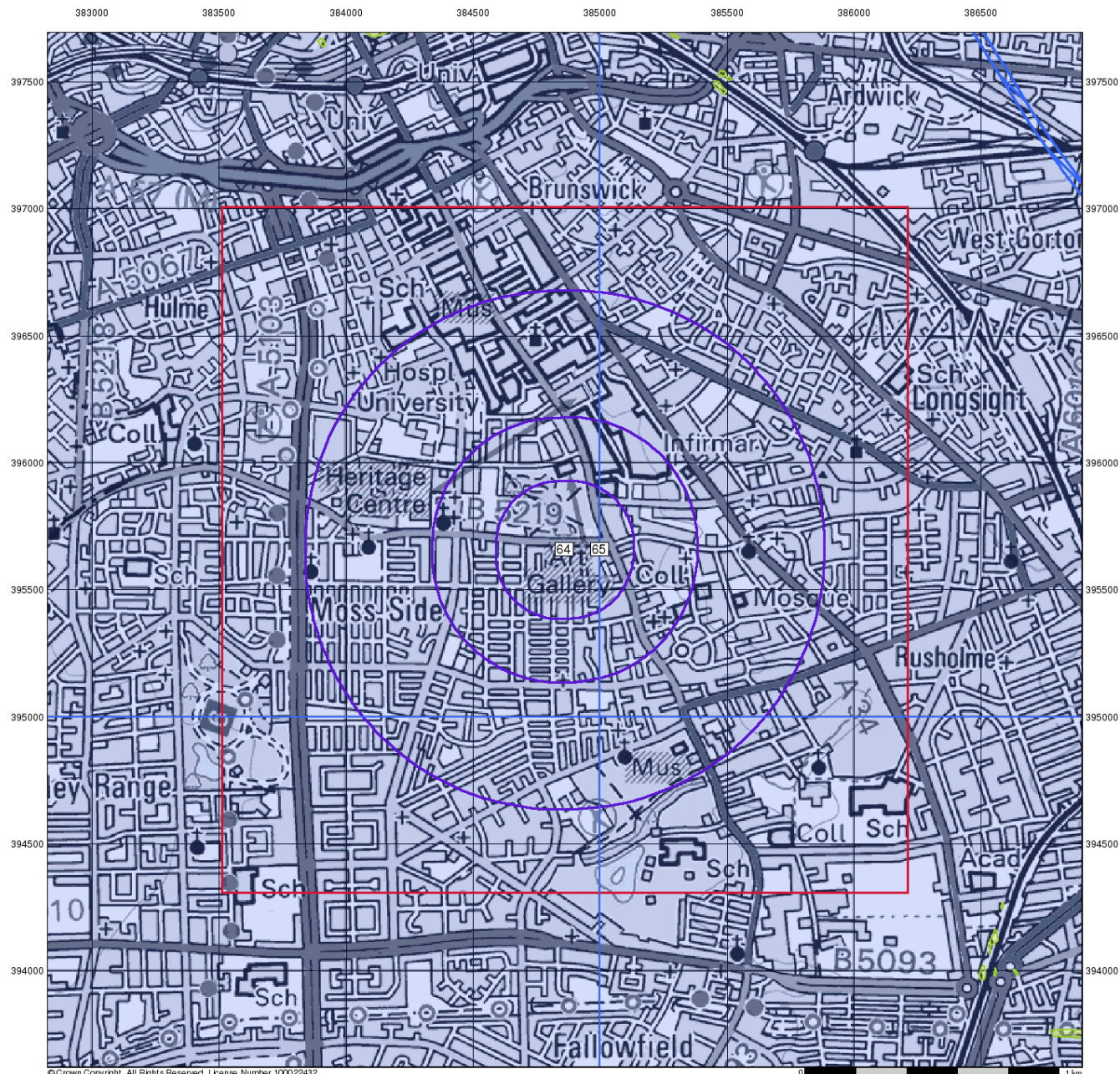
Site Details

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0 1 km



Ground Stability Data (1:50,000)

General

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

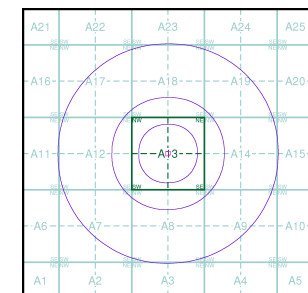
Potential for Landslide Ground Stability Hazards

- High ■ Low
- Moderate ■ Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High ▨ Low
- ▨ Moderate ▨ Very Low

Mining and Ground Stability - Slice A



Order Details

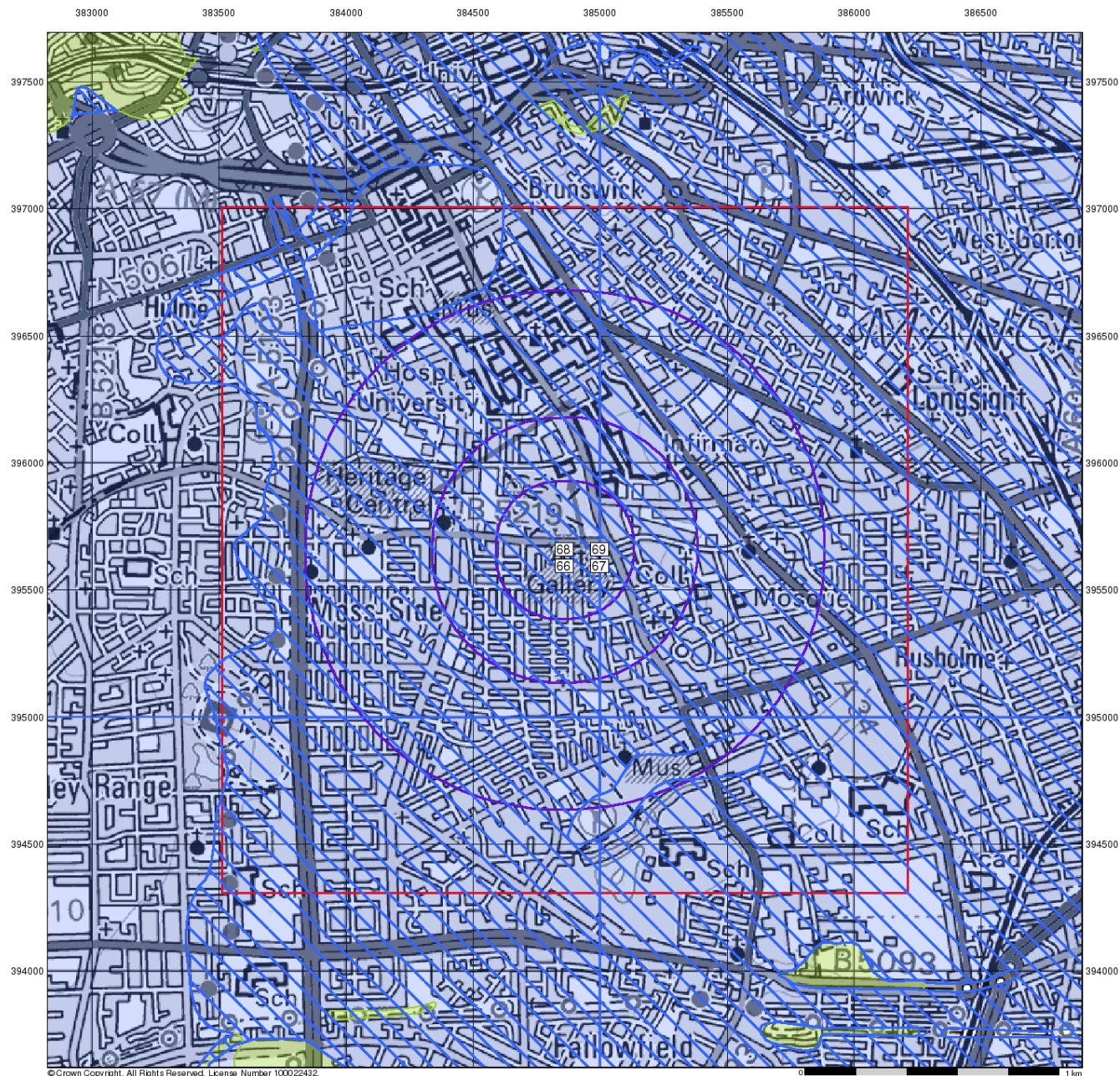
Order Number: 295623794_1_1
 Customer Ref: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

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Ground Stability Data (1:50,000)

General

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

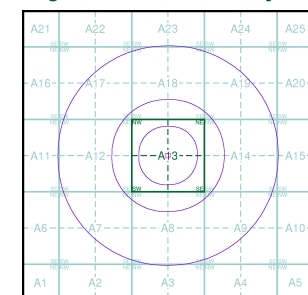
Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

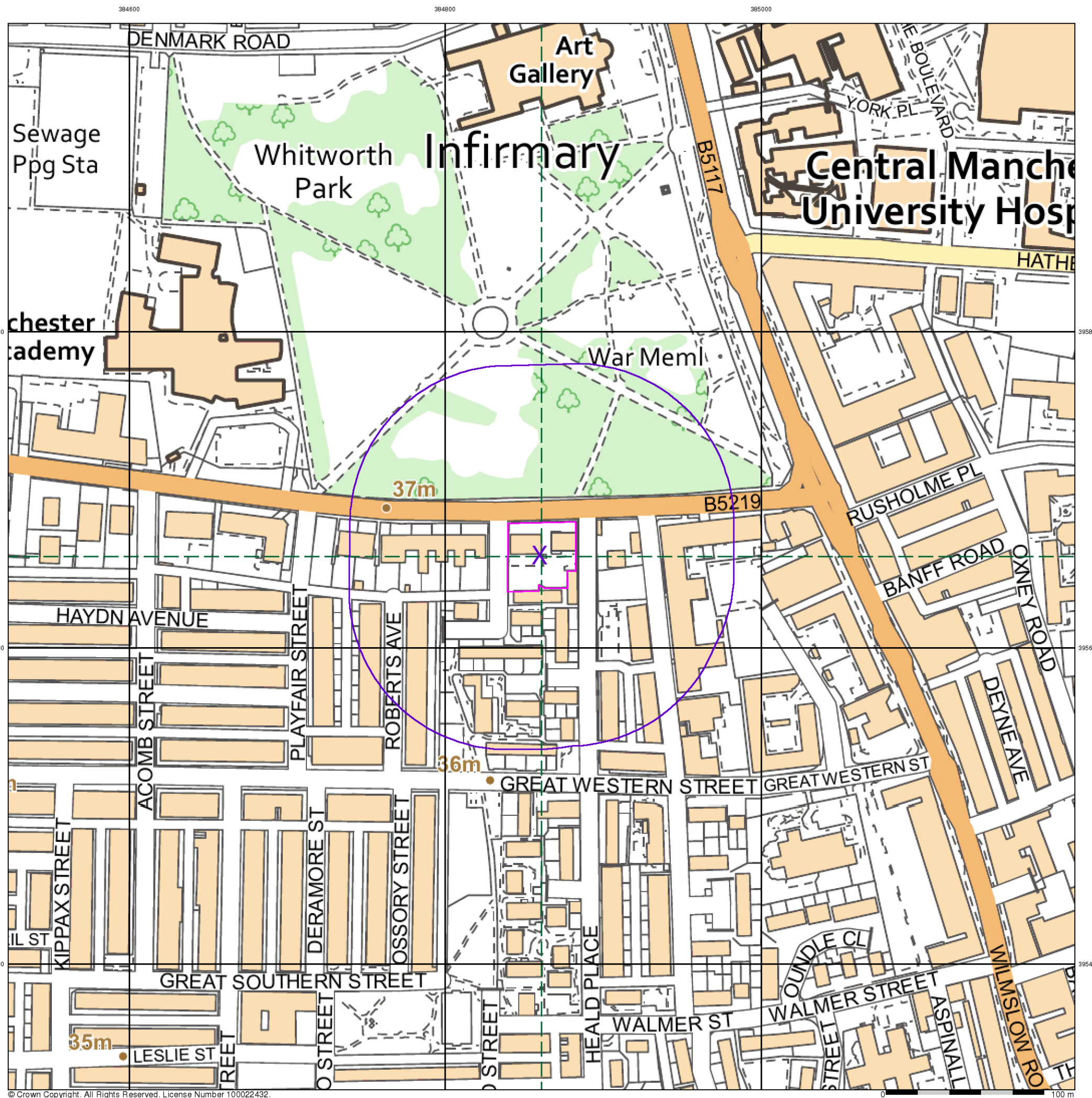
Order Number: 295623794_1_1
 Customer Ref: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details

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Historical Land Use Information (1:2,500)

General

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

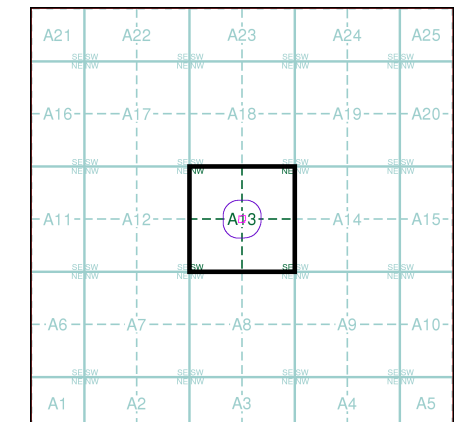
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

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

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	---	■

Mining and Ground Stability - Segment A13



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Plot Buffer (m): 100

Site Details

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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
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFSD	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

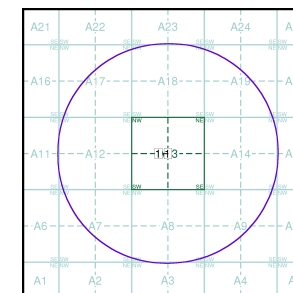
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

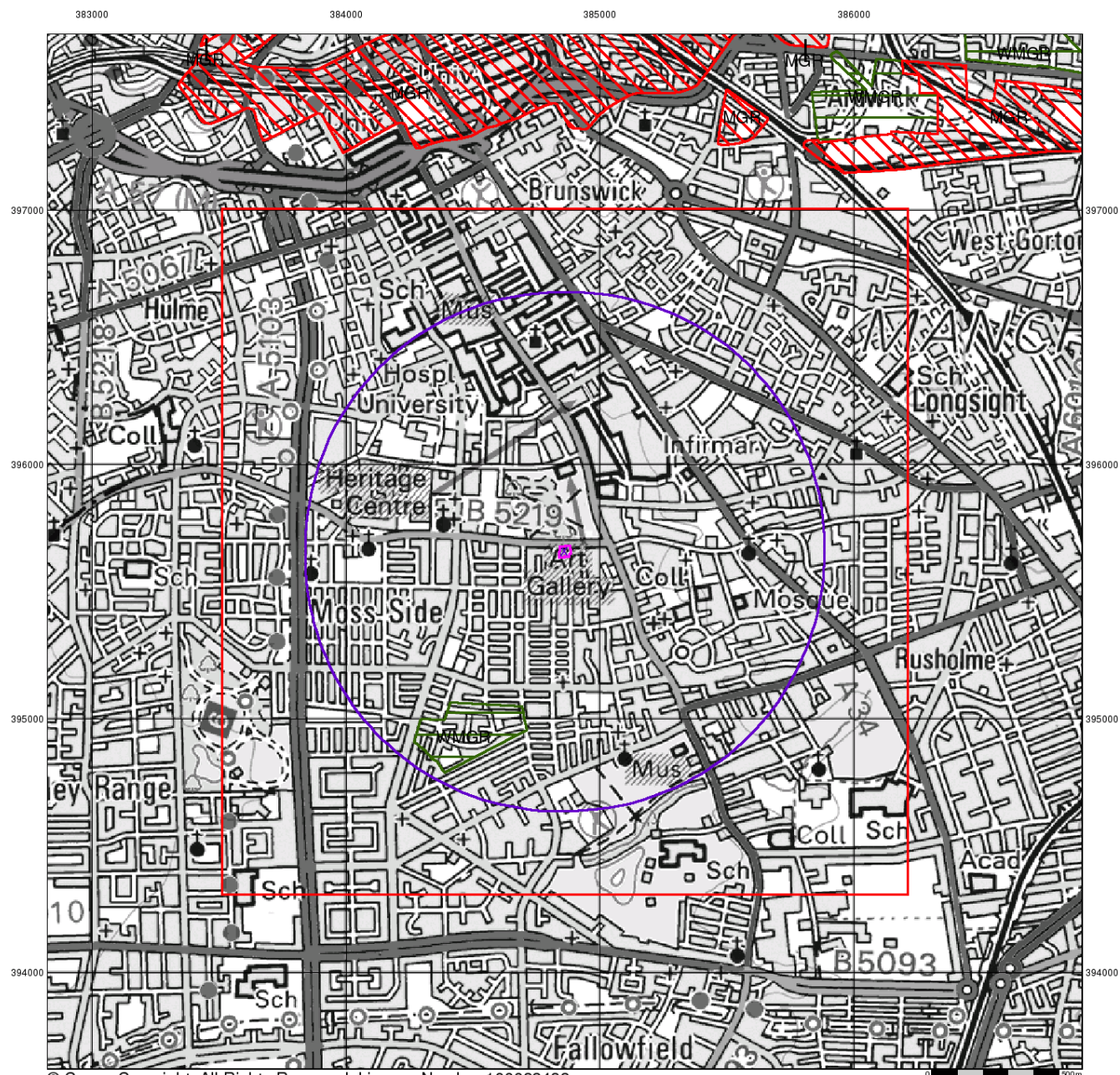


Order Details:

Order Number:	295623794_1_1
Customer Reference:	4453
National Grid Reference:	384860, 395660
Slice:	A
Site Area (Ha):	0.18
Search Buffer (m):	1000

Site Details:

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Artificial Ground and Landslip

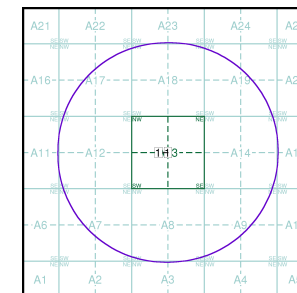
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 295623794_1_1
 Customer Reference: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details:

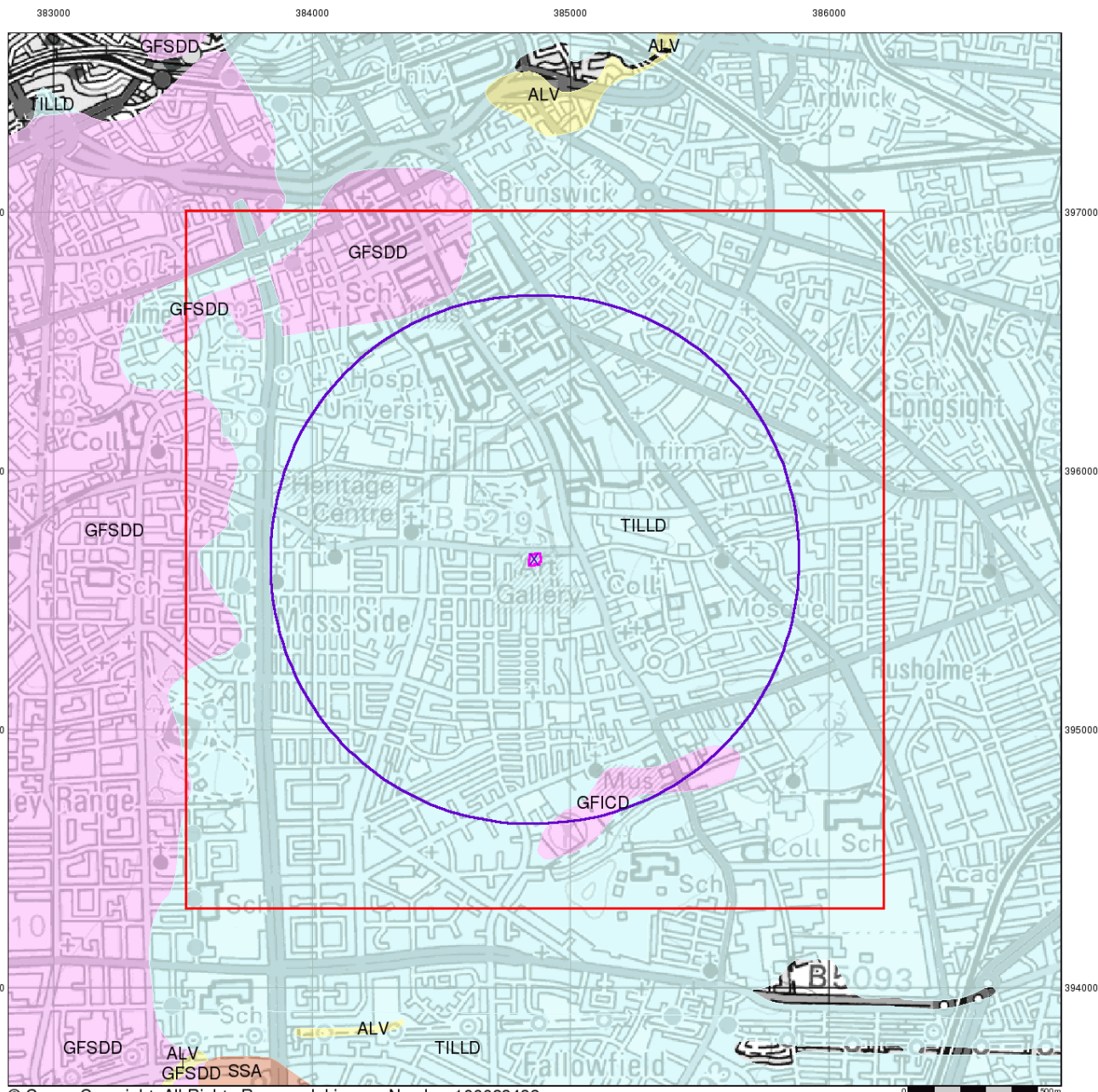
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v15.0 17-May-2022

Page 2 of 5



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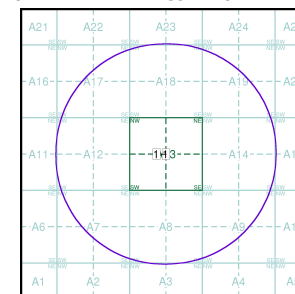
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

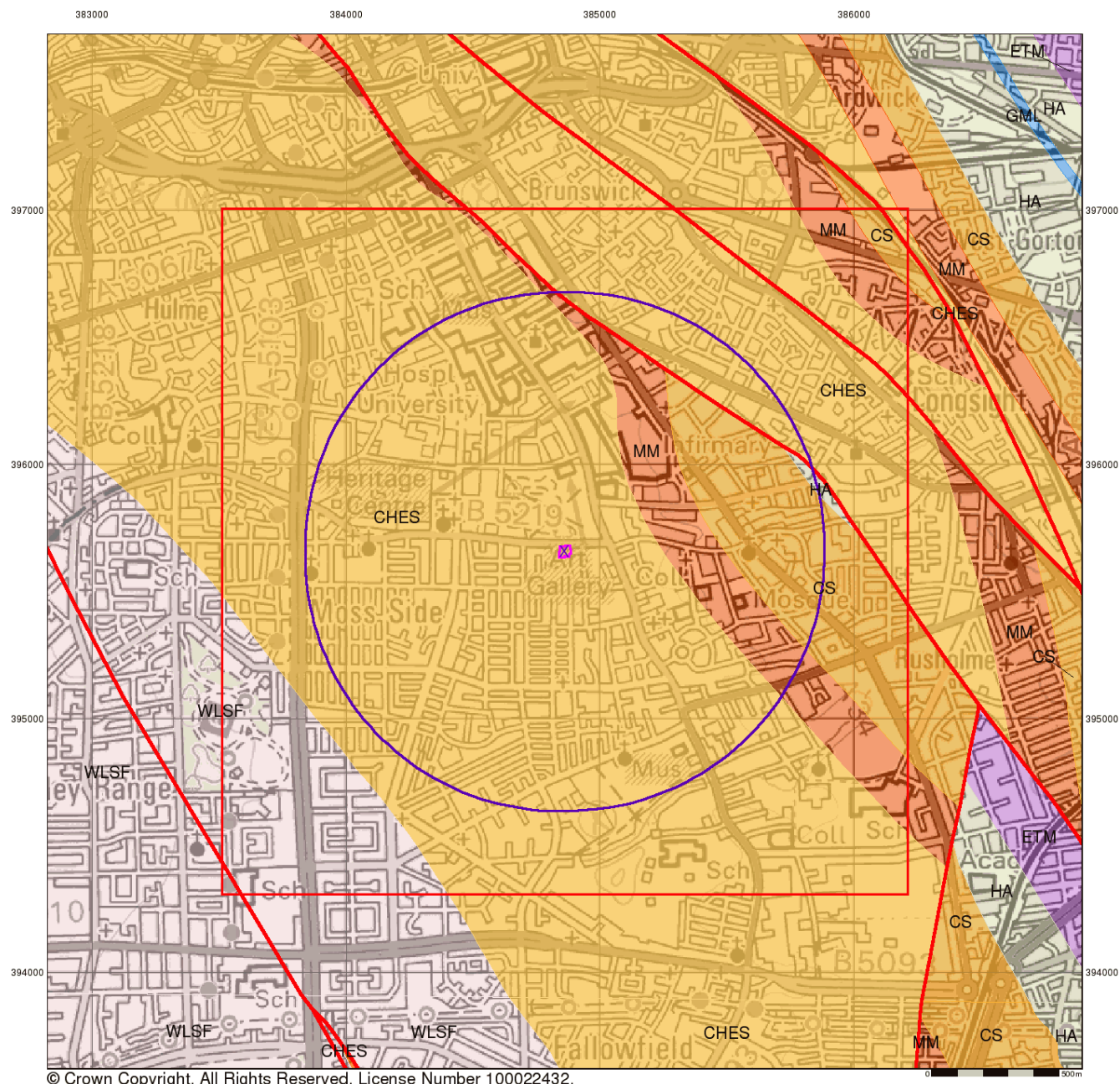
Order Number: 295623794_1_1
 Customer Reference: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

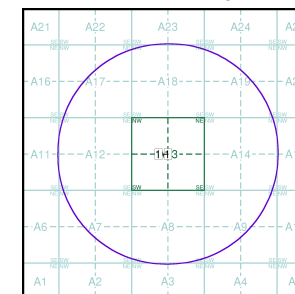
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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



Order Details:

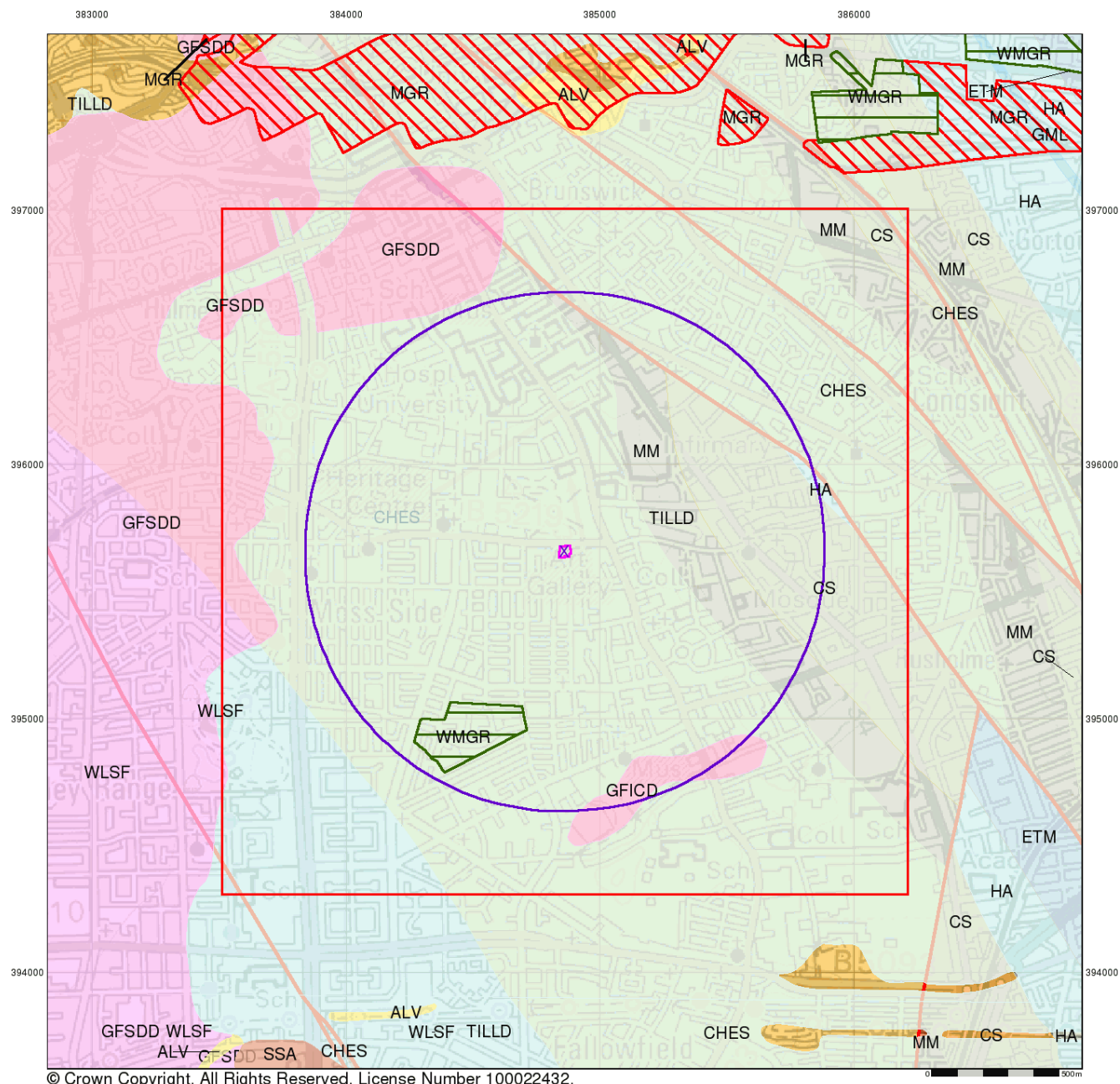
Order Number: 295623794_1_1
 Customer Reference: 4453
 National Grid Reference: 384860, 395660
 Slice: A
 Site Area (Ha): 0.18
 Search Buffer (m): 1000

Site Details:

470, Moss Lane East, Manchester, M14 4PJ



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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.

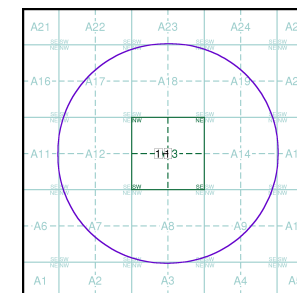
Additional Information

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: 295623794_1_1
Customer Reference: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details:

470, Moss Lane East, Manchester, M14 4PJ



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

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- 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 (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

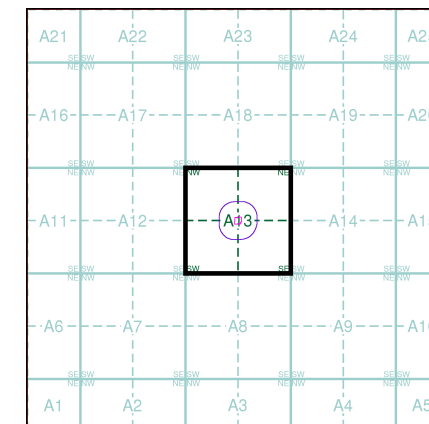
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

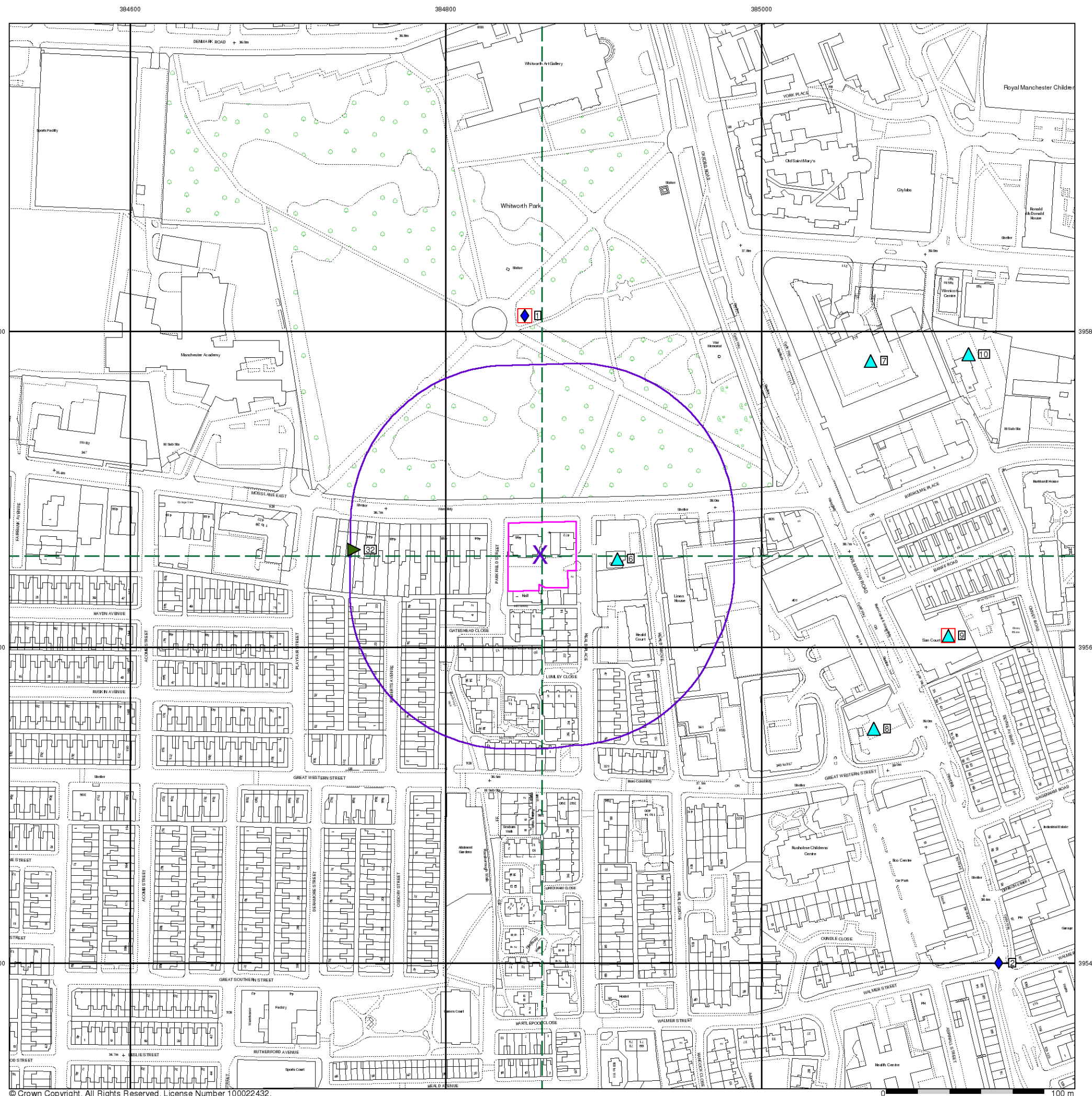


Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Plot Buffer (m): 100

Site Details

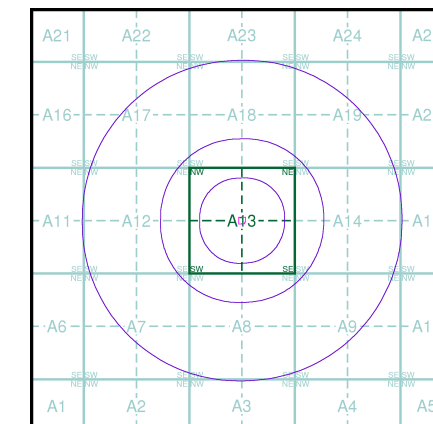
470, Moss Lane East, Manchester, M14 4PJ





- 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 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)
 - 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

Site Sensitivity Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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



Industrial Land Use Map

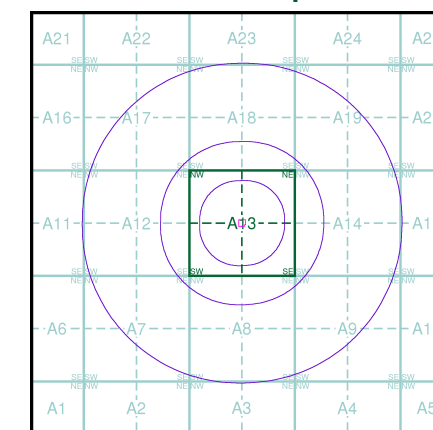
General

- 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

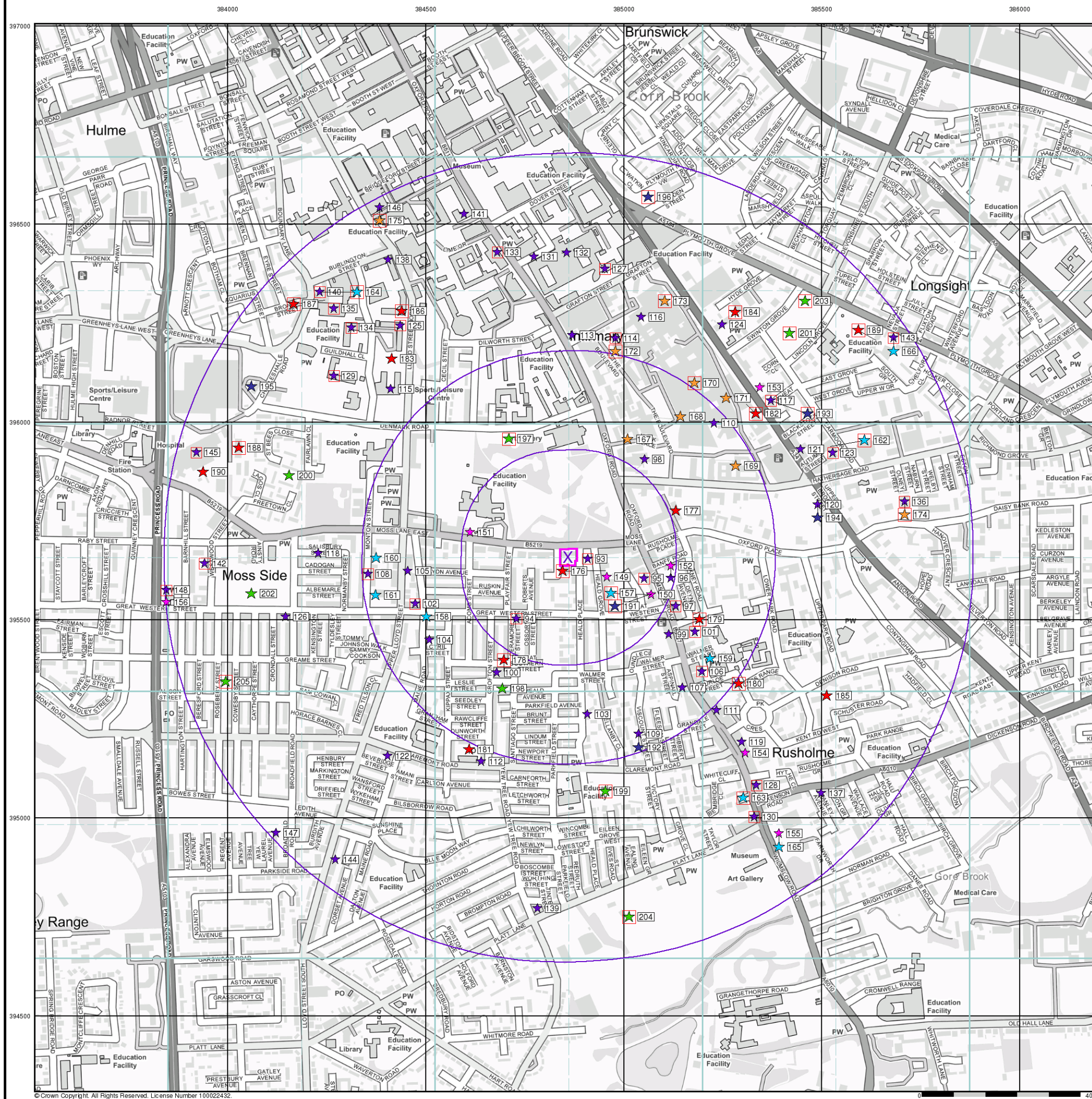
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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





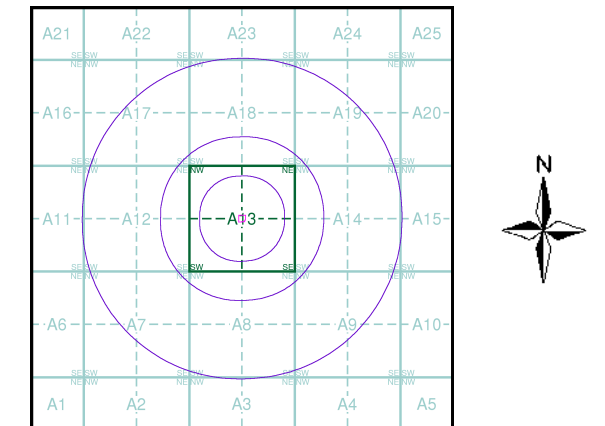
General

- 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

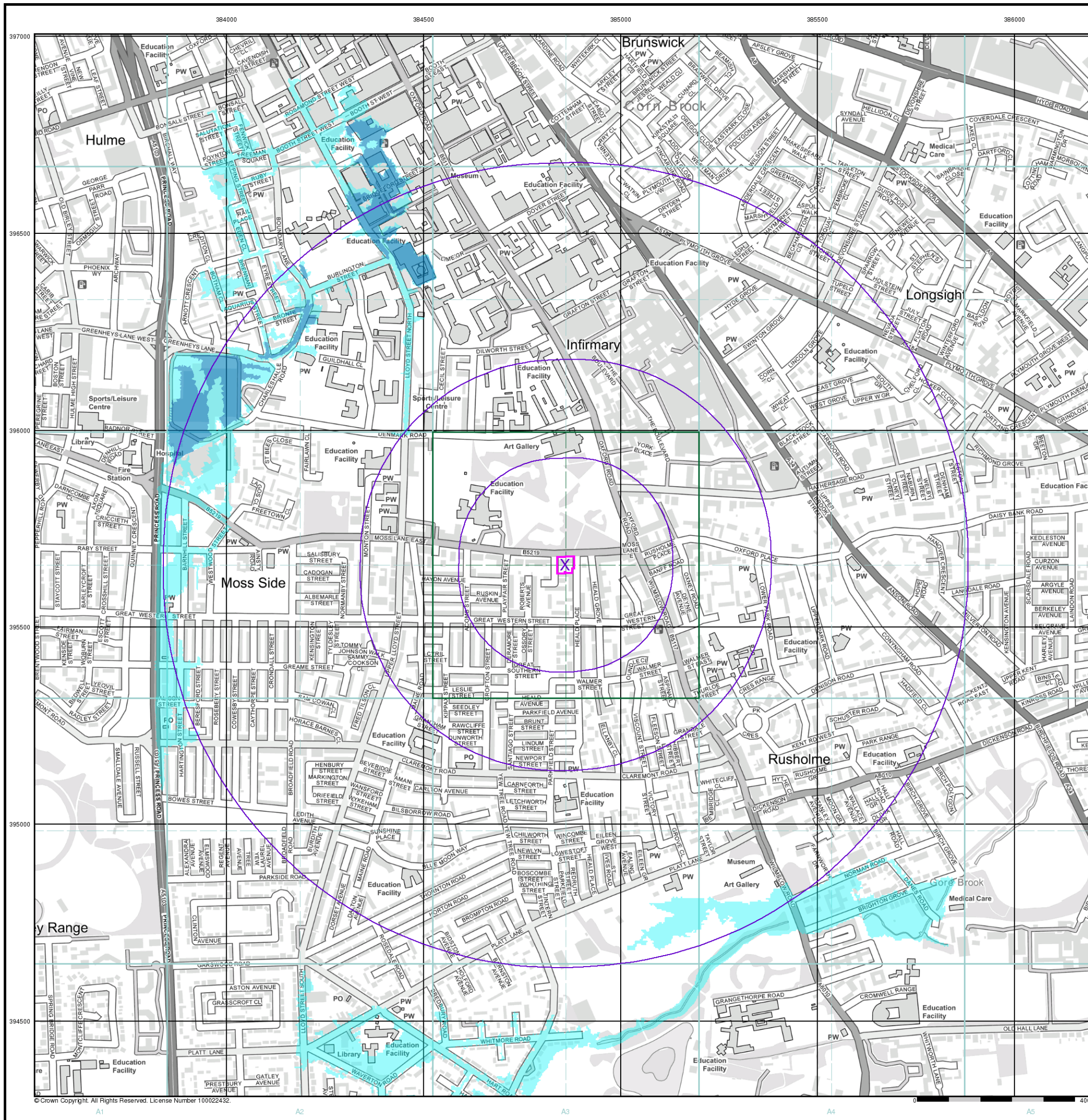
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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





General

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

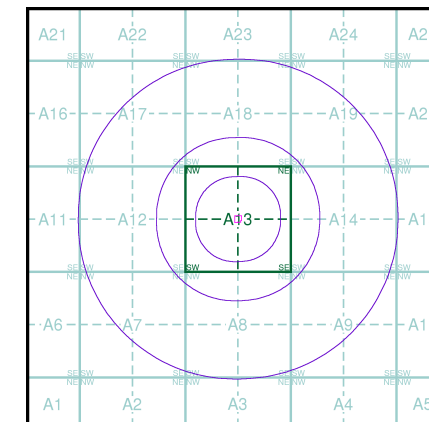
Agency and Hydrological (Boreholes)

- 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: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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

General

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

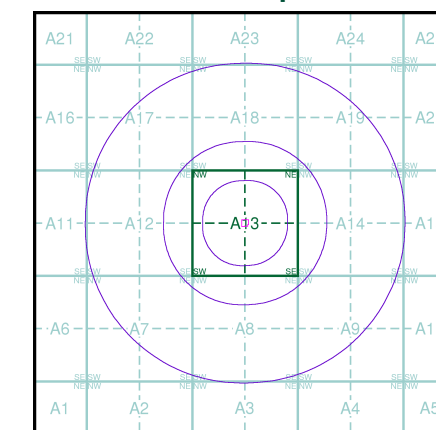
OS Water Network Data

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

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A

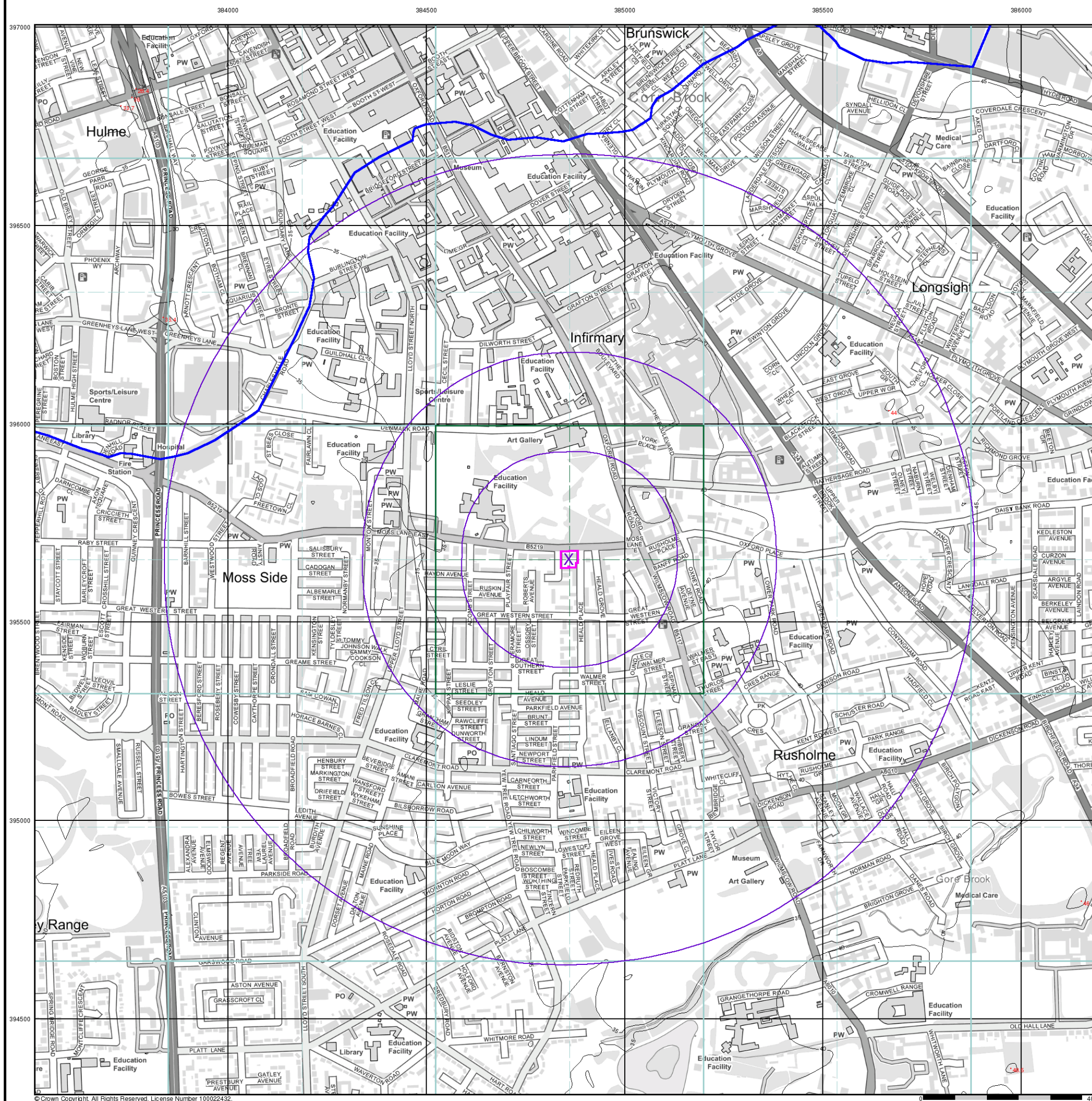


Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ





General

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

Risk of Flooding from Surface Water

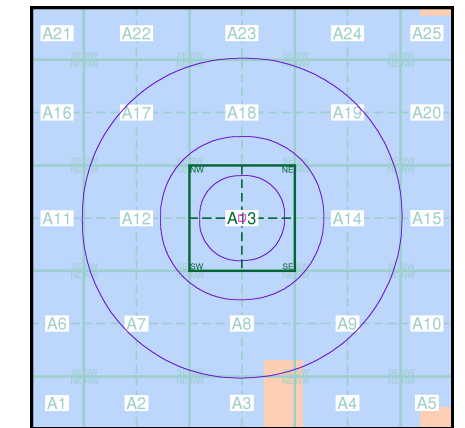
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

E/NRW Suitability Map - Slice A



Order Details

Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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



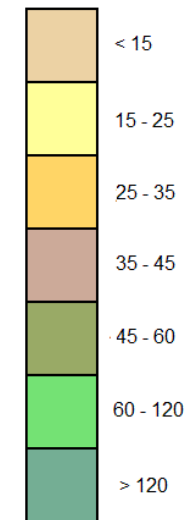
General

- Specified Site Specified Buffer(s) Bearing Reference Point

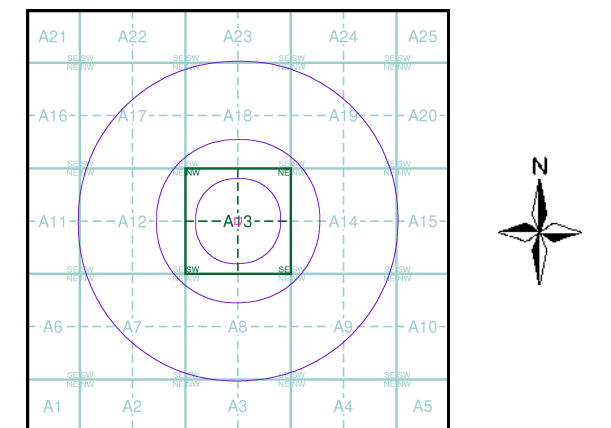
Urban Soil Chemistry Arsenic

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

Arsenic Concentrations mg/kg



Urban Soil Chemistry Arsenic - Slice A



Order Details

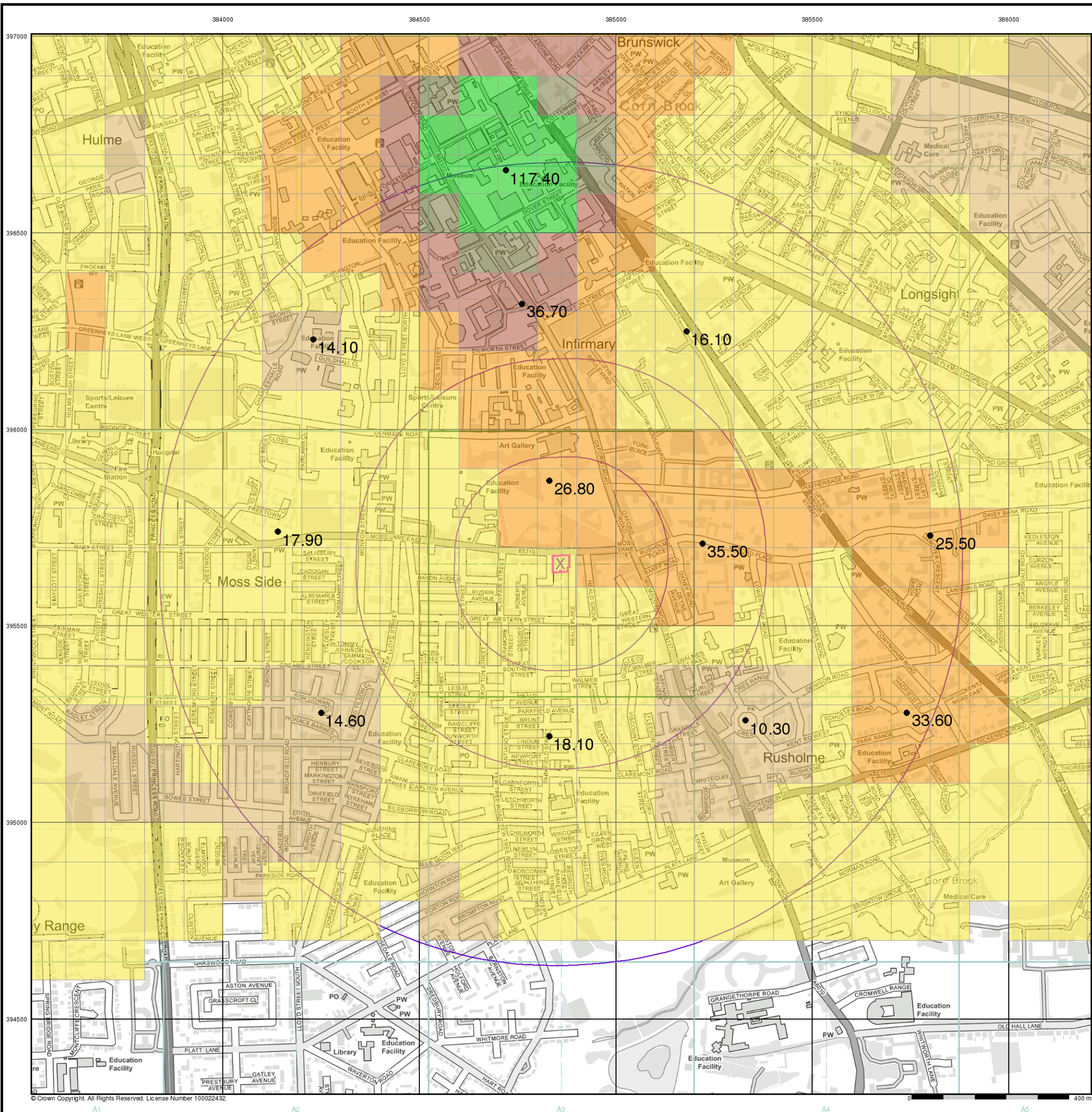
Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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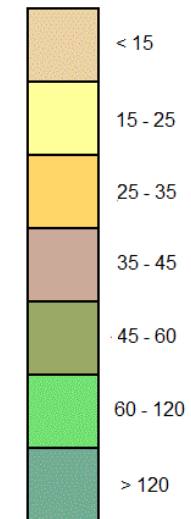


General

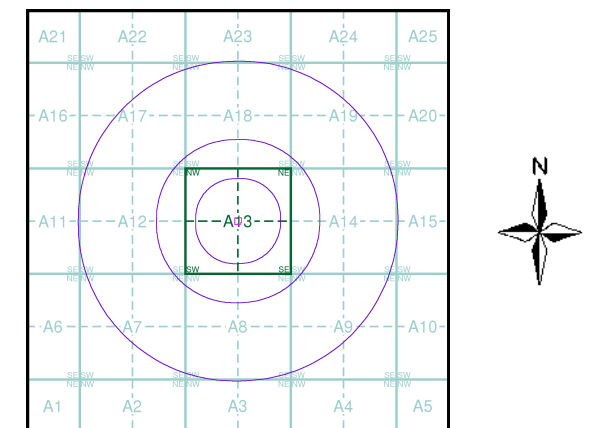
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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Web: www.envirocheck.co.uk



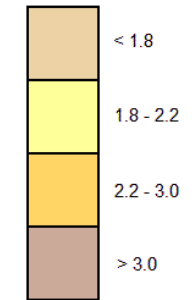
General

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

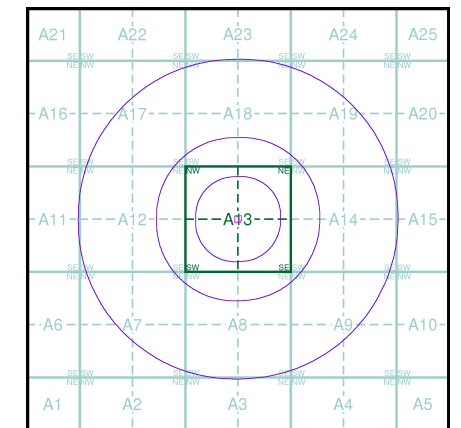
Urban Soil Chemistry Cadmium

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

Cadmium Concentrations mg/kg



Urban Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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

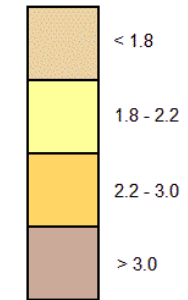


General

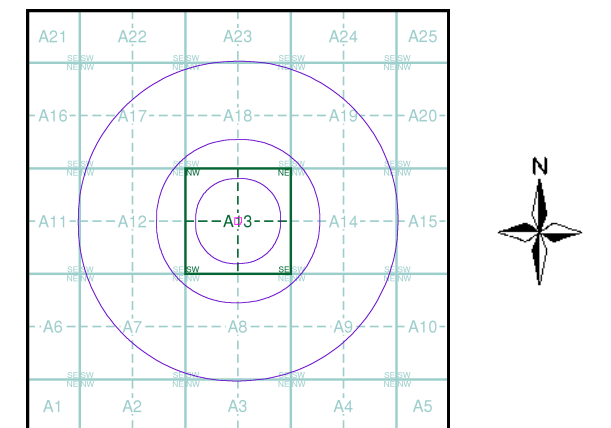
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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



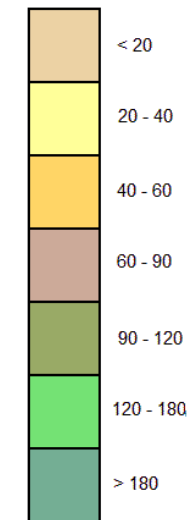
General

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

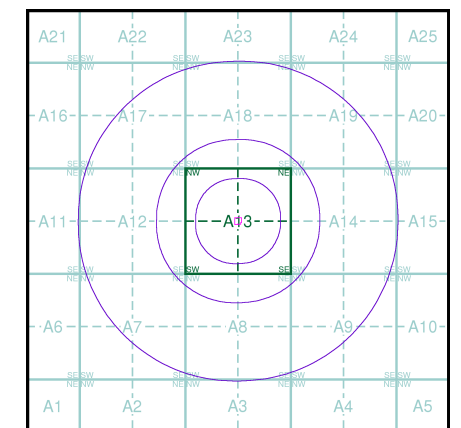
Urban Soil Chemistry Chromium

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

Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A



Order Details

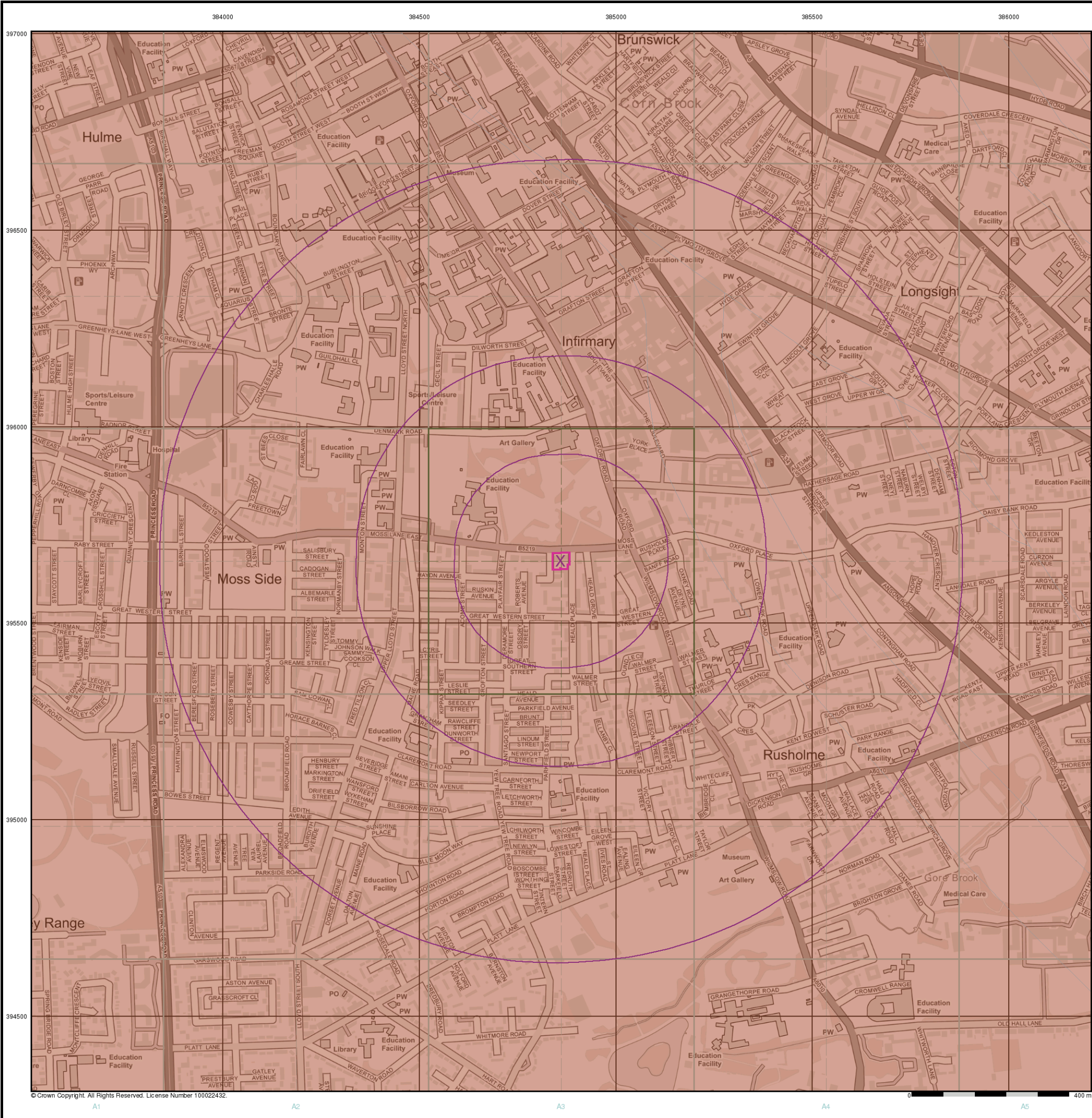
Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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

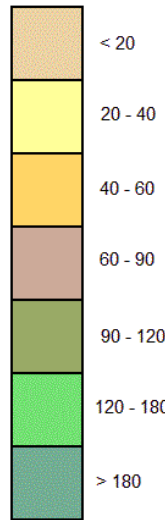


General

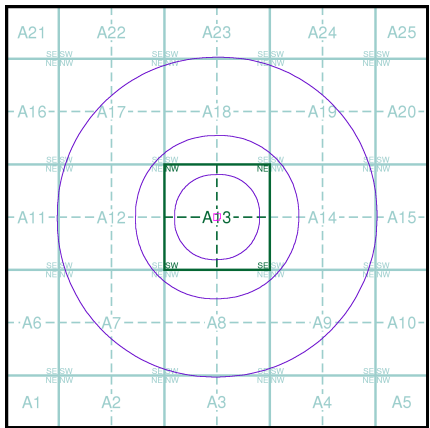
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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



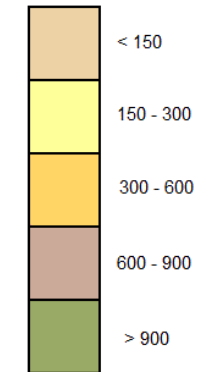
General

- Specified Site Specified Buffer(s) Bearing Reference Point

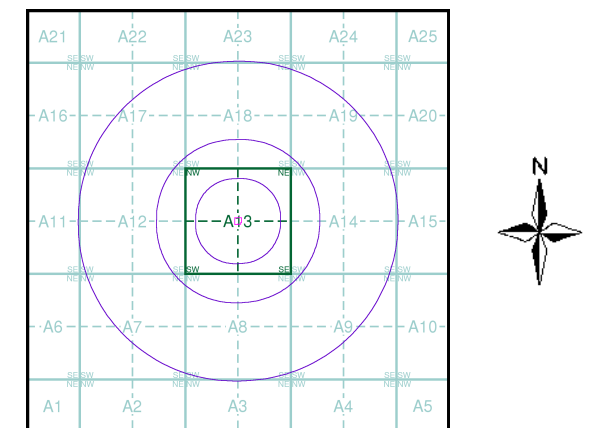
Urban Soil Chemistry Lead

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

Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A



Order Details

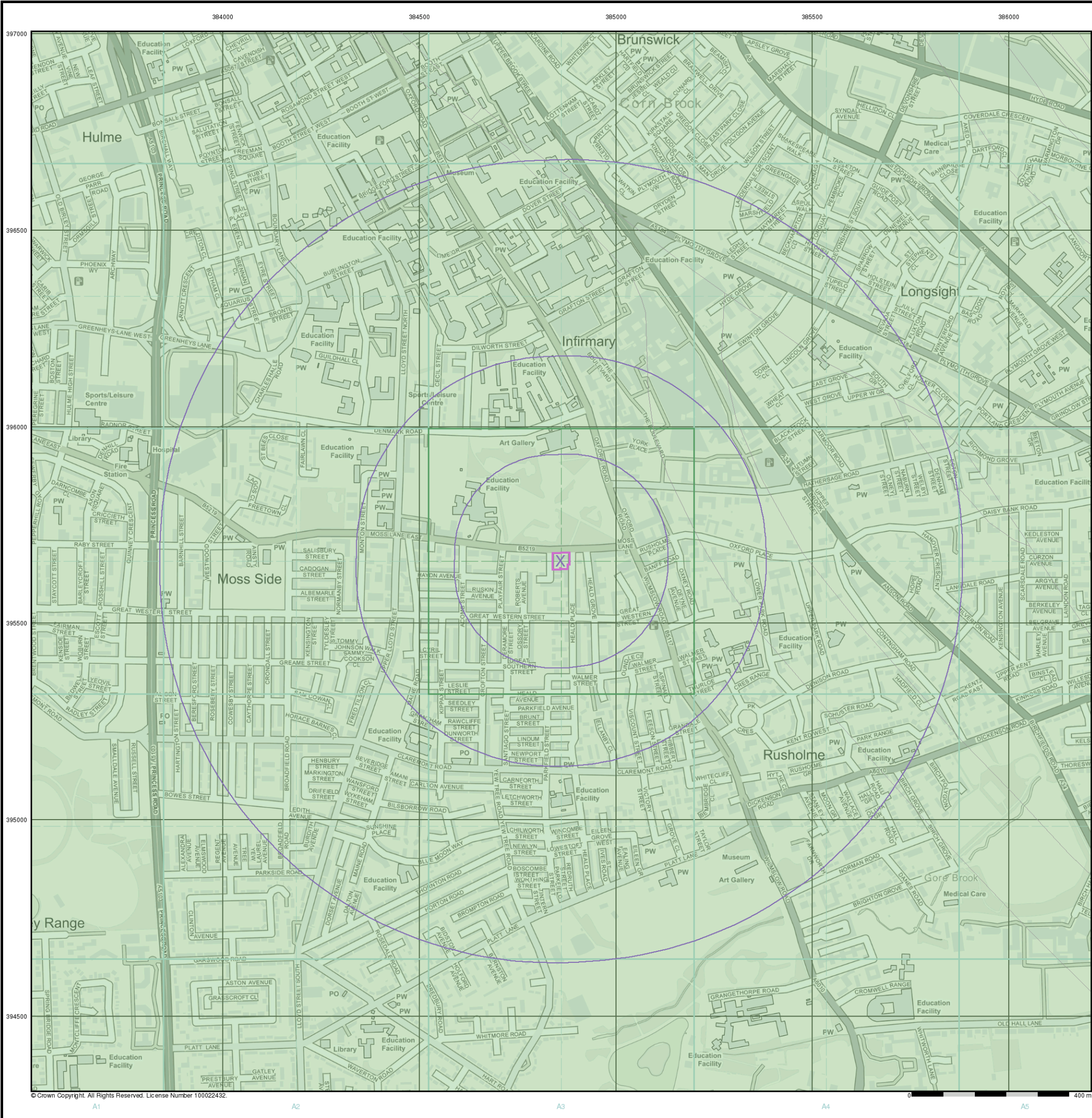
Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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

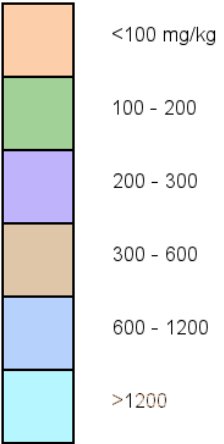


General

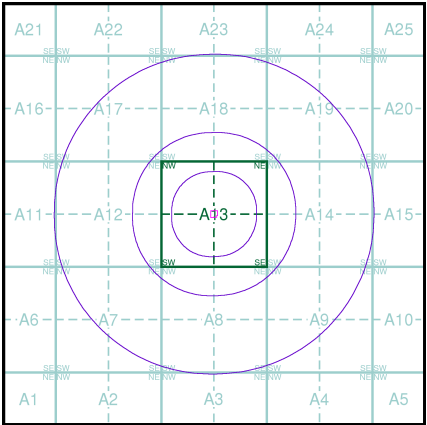
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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



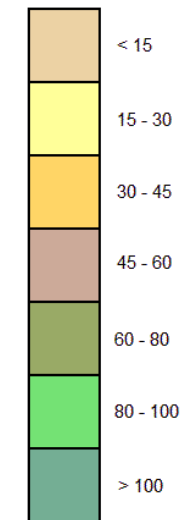
General

- Specified Site Specified Buffer(s) Bearing Reference Point

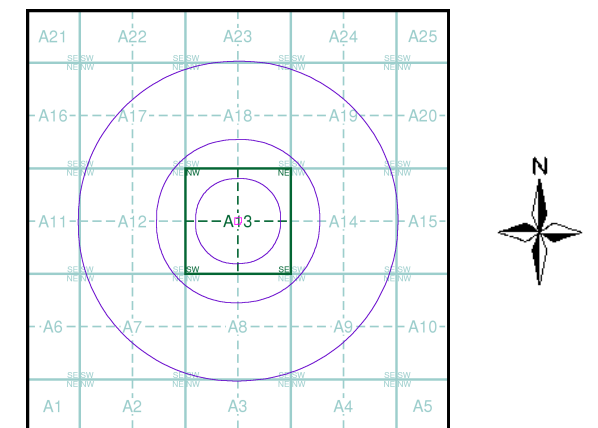
Urban Soil Chemistry Nickel

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

Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A



Order Details

Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

470, Moss Lane East, Manchester, M14 4PJ



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

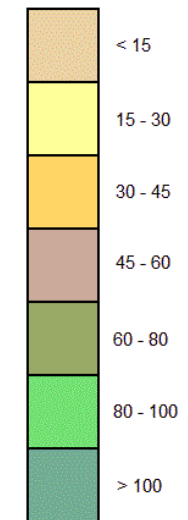


General

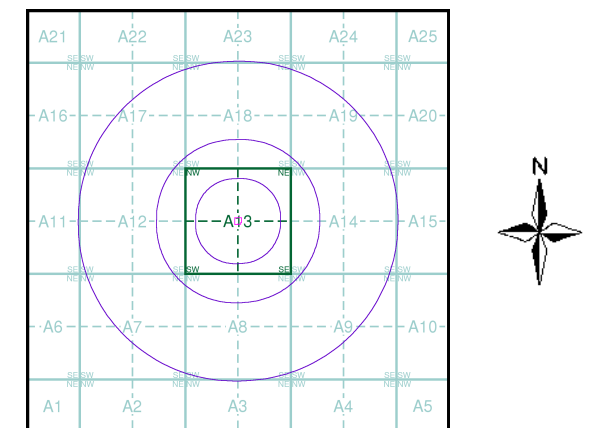
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

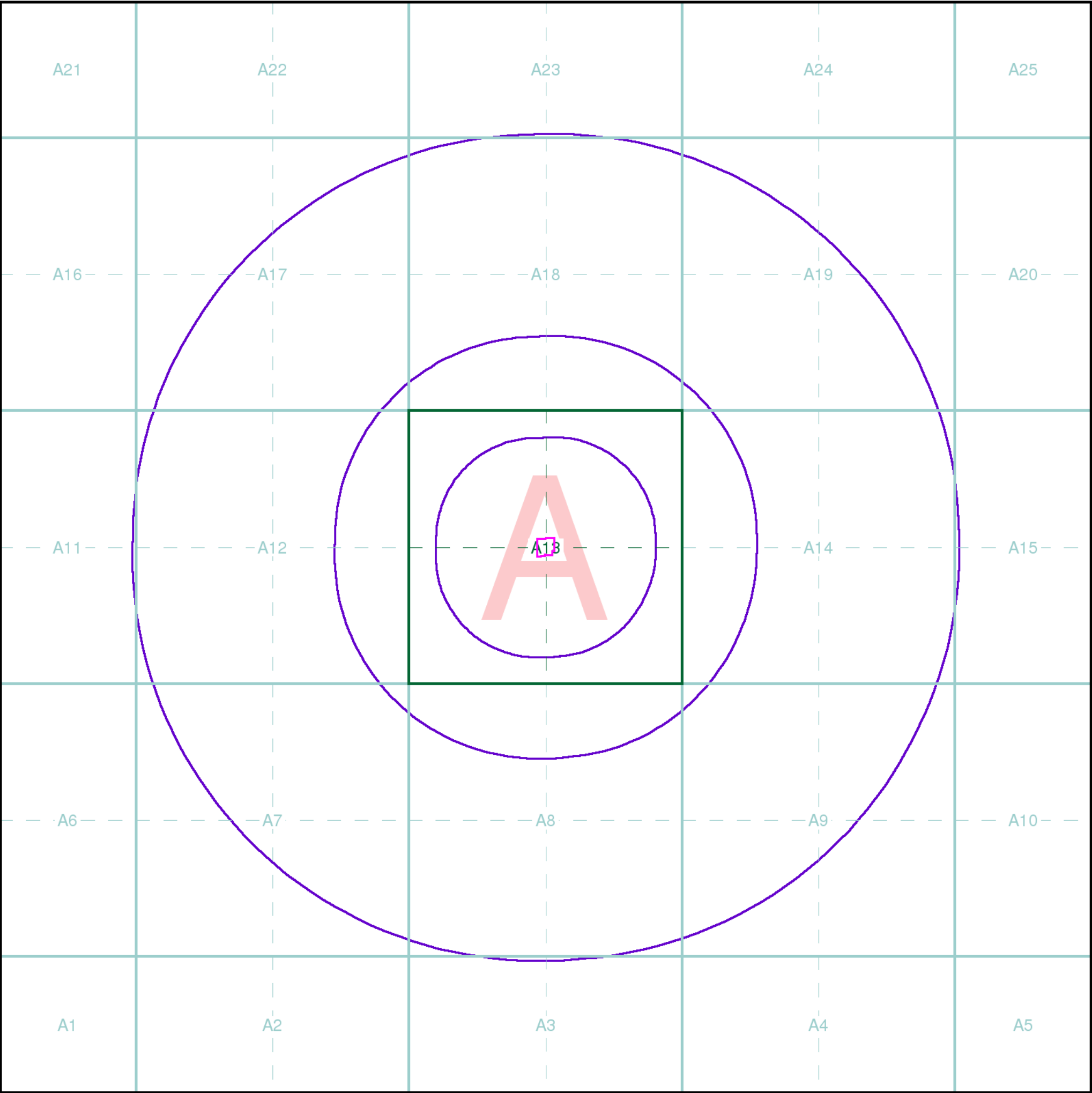
Order Details: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Slice: A
Site Area (Ha): 0.18
Search buffer (m): 1000

Site Details

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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 R McGuinness, Roc Consulting, Commercial Wharf, 6 Commercial Street, Manchester, M15 4PZ

Order Details
Order Number: 295623794_1_1
Customer Ref: 4453
National Grid Reference: 384860, 395660
Site Area (Ha): 0.18
Search Buffer (m): 1000

Site Details
470, Moss Lane East, Manchester, M14 4PJ

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



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